Appendix F PHASE I ENVIRONMENTAL SITE ASSESSMENT

Phase I Environmental Site Assessment
Biogas Renewable Generation Project
3001 Scholl Canyon Road Glendale, California 91206

Prepared for:
City of Glendale
141 North Glendale Avenue
Glendale, California 91206

Prepared by:
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Project No.: 2057123300

February 8, 2016

Reviewer _____
(signature)

_____
(signature)

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Abbreviations

AAI	All Appropriate Inquiry
ACM	Asbestos containing material
AST	Aboveground Storage Tank
ASTM	American Society for Testing and Materials
BER	Business Environmental Risk
CAA	Clean Air Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFR	Code of Federal Regulation
CREC	Controlled Recognized Environmental Conditions
CWA	Clean Water Act
ELUC	Environmental Land Use Control
EP	Environmental Professional
EPA	Environmental Protection Agency
ESA	Environmental Site Assessment
FEMA	Federal Emergency Management Agency
ft msl	Feet above mean sea level
HREC	Historical Recognized Environmental Conditions
HWMU	Hazardous Waste Management Unit
LBP	Lead-based Paint
LUST	Leaking Underground Storage Tank
NESHAP	National Emissions Standard for Hazardous Air Pollutants
PCBs	Polychlorinated Biphenyls
PAHs	Polycyclic Aromatic Hydrocarbons
VEC	Vapor Encroachment Condition
RCRA	Resource Conservation and Recovery Act
REC	Recognized Environmental Conditions
SWMU	Solid Waste Management Unit
USDA	United States Department of Agriculture
USGS	United States Geological Survey
UST	Underground Storage Tank
VOCs	Volatile Organic Compounds
LFG	Landfill gas
HDPE	High Density Polyethylene

1.0 SUMMARY

Stantec completed this Phase I Environmental Site Assessment (ESA) of the proposed project site for power generation located at 3001 Scholl Canyon Road, Glendale, California 91206 (the "Property"), on behalf of City of Glendale (the "Client"). The work was performed in accordance with Stantec's proposal and terms and conditions dated August 25, 2015. The City of Glendale (the "User") has been designated as the User of this report.

The Phase I ESA was conducted in conformance with USEPA Standards and Practices for AAI, 40 CFR Part 213 and the requirements of ASTM Designation E 1527-13, except as may have been modified by the scope of work, and terms and conditions, requested by the Client. Any exceptions to, or deletions from, the ASTM practice are described in Section 2.3 and 8.2. The purpose of this Phase I ESA was to evaluate the current and historical conditions of the Property in an effort to identify recognized environmental conditions (RECs) and historical recognized environmental conditions (HRECs) in connection with the Property.

The Property, which is proposed for construction, is comprised of a three-acre landfill gas processing facility within the Scholl Canyon Landfill and a pipeline corridor extending approximately 2/3 mile to the west of the landfill. The Property is located approximately one half mile north of the 134 Freeway on Scholl Canyon Road in the City of Glendale, Los Angeles County, California. The purpose of the proposed project development is to beneficially utilize methane-rich renewable landfill gas (LFG) as fuel to generate electricity (13 megawatts). In addition, 2/3 mile of natural gas pipeline will be constructed to connect the facility to the existing Southern California Gas Company pipeline system located at the eastern end of Scholl Canyon Drive. The Scholl Canyon Landfill is also reportedly identified as 7721 North Figueroa Street, Los Angeles, California 90047. Surrounding properties include vacant land, landfill (active and inactive) and residential properties.

The following items of note were identified during this ESA:

- Three above ground storage tanks (ASTs; 6,000-gal, 4,885-gal and 4,561-gal) storing diesel were observed approximately 500 feet northeast of the Property. No secondary containment was observed. Since these ASTs are not located on the Property and no violations/leaks/spills were reported, the ASTs are considered as an item of note for the Property but not a REC.

- The Environmental Data Resources (EDR) database reported presence of a 500-gal underground storage tank (UST) with regular unleaded gasoline used for motor vehicle fuel at the landfill. Since no spills, leaks or violations were reported and the reported UST is not on the Property, it is considered as an item of note for the Property but not a REC.

Stantec performed this Phase I ESA in conformance with the scope and limitations of ASTM Practice E1527-13 of the Property. Any exceptions to, or deletions from, this practice are described in the Data Gaps section of this report. This assessment has revealed the following RECs in connection with the Property:

- During the site reconnaissance, Stantec observed numerous drums and poly tanks which stored various hazardous chemicals and/or waste oil on the Property. Storage of petroleum hydrocarbons and hazardous chemicals at a facility is considered a REC. However, during the site reconnaissance, Stantec did not notice evidence of leaks or spills at the Property. Stantec also observed that some drums containing hazardous chemicals were stored on secondary containment; and

- The Property is a natural gas processing facility and is a part of an active landfill, and as such, there is a possibility of release of gas emissions including methane. The landfill was historically reported to accept some contaminated soils, and groundwater is being monitored for impacts from volatile organic compounds (VOCs). Therefore presence of a landfill is considered as a REC. However, no buildings were observed on the Property during the site reconnaissance which eliminated the current possibility of indoor air quality issues and it was reported that the landfill currently accepted only nonhazardous waste, potentially limiting the types of hazardous gas emissions from the landfill.

The preceding summary is intended for informational purposes only. Reading of the full body of this report is recommended.

2.0 INTRODUCTION

The objective of this Phase I ESA was to perform appropriate inquiry into the past ownership and uses of the Property in accordance with the United States Environmental Protection Agency (USEPA) Standards and Practices for All Appropriate Inquiries [(AAI), 40 CFR Part 312] and consistent with good commercial or customary practice as outlined by the ASTM in "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process", Designation E1527-13. The purpose of this Phase I ESA was to identify, to the extent feasible, adverse environmental conditions including recognized environmental conditions (RECs) of the Property.

The ASTM E1527-13 standard indicates that the purpose of the Phase I ESA is to identify RECs, including historical recognized environmental conditions (HRECs), and controlled recognized environmental conditions (CRECs) that may exist at a property. The term "recognized environmental conditions" means the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property:

(1) Due to any release to the environment;

(2) Under conditions indicative of a release to the environment; or

(3) Under conditions that pose a material threat of a future release to the environment.

ASTM defines a "HREC" as a REC that has occurred in connection with the property, but has been addressed to the satisfaction of the applicable regulatory authority and meets unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). Before calling the past release a HREC, the environmental professional must determine whether the past release is a REC when the current Phase I ESA is conducted (for example, if there has been a change in the regulations). If the EP considers the past release to be a REC at the time the Phase I ESA is conducted, the condition shall be included in the conclusions section of the report as a REC.

ASTM defines a "CREC" as a REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), but with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).

De minimis conditions are not RECs. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. As indicated, the term REC does not include de minimis conditions, which generally do not present a material risk to human health and would not likely be subject to enforcement action if brought to the attention of governmental agencies.

This ESA was conducted in accordance with our proposal to The City of Glendale dated August 25, 2015. The scope of work conducted during this Phase I ESA consisted of a visual reconnaissance of the Property,

interviews with key individuals, and review of reasonably ascertainable documents. The scope of work did not include an assessment for environmental regulatory compliance of any facility ever operated at the Property (past or present), or sampling and analyzing of environmental media. Stantec was not contracted to perform any independent evaluation of the purchase or lease price of the Property and its relationship to current fair market value. The conclusions presented in this ESA report are professional opinions based on data described herein. The opinions are subject to the limitations described in Section 2.3.

ASTM E1527-13 notes that the availability of record information varies from source to source. The User or Environmental Professional is not obligated to identify, obtain, or review every possible source that might exist with respect to a property. Instead, ASTM identifies record information that is reasonably ascertainable from standard sources. "Reasonably ascertainable" means:

(1) Information that is publicly available;

(2) Information that is obtainable from its source within reasonable time and cost constraints; and

(3) Information that is practicably reviewable.

2.1 PROPERTY DESCRIPTION

The Property which is proposed for construction is comprised of the three-acre landfill gas processing facility within the Scholl Canyon Landfill and a pipeline corridor extending 2/3 mile to the west of the landfill. The Property is located approximately one half mile north of the 134 Freeway on Scholl Canyon Road in the City of Glendale, Los Angeles County, California. The purpose of the proposed project is to beneficially utilize methane-rich renewable landfill gas (LFG) as fuel to generate electricity (13 megawatts). In addition, 2/3 mile of natural gas pipeline will be constructed to connect the facility to the existing Southern California Gas Company pipeline system located at the eastern end of Scholl Canyon Drive. The Scholl Canyon Landfill is also reportedly identified as 7721 North Figueroa Street, Los Angeles, California 90047. Surrounding properties include vacant land, landfill (active and inactive) and residential properties.

2.2 SPECIAL TERMS, CONDITIONS, AND SIGNIFICANT ASSUMPTIONS

The possible contaminants of concern considered in this assessment include those hazardous compounds listed under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). Other than adherence to Client specific scope of work requirements, there were no other special terms, conditions, or significant assumptions associated with the Phase I ESA.

2.3 EXCEPTIONS AND LIMITING CONDITIONS

This report documents work that was performed in accordance with generally accepted professional standards at the time and location in which the services were provided. No other representations, warranties or guarantees are made concerning the accuracy or completeness of the data or conclusions

contained within this report, including no assurance that this work has uncovered all potential and actual liabilities and conditions associated with the identified property.

This report provides an evaluation of selected environmental conditions associated with the identified portion of the property that was assessed at the time the work was conducted and is based on information obtained by and/or provided to Stantec at that time. There are no assurances regarding the accuracy and completeness of this information. All information received from the client or third parties in the preparation of this report has been assumed by Stantec to be correct. Stantec assumes no responsibility for any deficiency or inaccuracy in information received from others.

If a service is not expressly indicated, do not assume it has been provided. If a matter is not addressed, do not assume that any determination has been made by Stantec in regards to it.

Conclusions made within this report consist of Stantec's professional opinion as of the time of the writing of this report, and are based solely on the scope of work described in the report, the limited data available and the results of the work. They are not a certification of the property's environmental condition.

The client did not provide or contract Stantec to provide recorded title records or search results for environmental liens or activity and use limitations encumbering the property or in connection with the Property. These represent data gaps; however, these data gaps are not considered significant. Based on the information obtained during the course of this ESA and general knowledge of development at and near the Property, the absence of this information did not affect the ability of the Environmental Professionals to identify RECs, HRECs, CRECs, or de minimis conditions.

This report relates solely to the specific project for which Stantec was retained and the stated purpose for which this report was prepared and shall not be used or relied upon by the client identified herein for any variation or extension of this project, any other project or any other purpose.

This report has been prepared for the exclusive use of the client identified herein and any use of or reliance on this report by any third party is prohibited, except as may be consented to in writing by Stantec or as required by law. The provision of any such consent is at Stantec's sole and unfettered discretion and will only be authorized pursuant to the conditions of Stantec's standard form reliance letter. Stantec assumes no responsibility for losses, damages, liabilities, or claims, howsoever arising, from third party use of this report.

The locations of any utilities, buildings and structures, and property boundaries illustrated in or described within this report, if any, including pole lines, conduits, water mains, sewers and other surface or sub-surface utilities and structures are not guaranteed. Before starting work, the exact location of all such utilities and structures must be confirmed by the client and Stantec assumes no liability resulting from damage to such utilities and structures.

The conclusions are based on the site conditions encountered by Stantec at the time the work was performed. Accordingly, additional studies and actions may be required. As the purpose of this report is to identify selected site conditions which may pose an environmental risk; the identification of non-environmental risks to structures or people on the site is beyond the scope of this assessment. The findings, observations, and conclusions expressed by Stantec in this report are not an opinion concerning

the compliance of any past or present owner or operator of the site which is the subject of this report with any Federal, state or local law or regulation.

This report presents professional opinions and findings of a scientific and technical nature. It does not and shall not be construed to offer a legal opinion or representations as to the requirements of, nor compliance with, environmental laws, rules, regulations or policies of Federal, state or local governmental agencies. RECs raised by the report should be reviewed by client legal counsel.

Stantec specifically disclaims any responsibility to update the conclusions in this report if new or different information later becomes available or if the conditions or activities on the property subsequently change.

2.4 PERSONNEL QUALIFICATIONS

This Phase I ESA was conducted by, or under the supervision of, an individual that meets the ASTM definition of an Environmental Professional (EP). The credentials of the EP and other key Stantec personnel involved in conducting this Phase I ESA are provided in Appendix B.

3.0 USER-PROVIDED INFORMATION

ASTM E1527-13 describes responsibilities of the User to complete certain tasks in connection with the performance of "All Appropriate Inquiries" into the Property. The ASTM standard requires that the Environmental Professional request information from the User on the results of those tasks because that information can assist in the identification of RECs, CRECs, HRECs, or de minimis conditions in connection with the Property. Towards that end, Stantec requested that the User provide the following documents and information:

Description of Information	Provided (Yes / No)	Description and/or Key Findings
User Questionnaire/Interview	Yes	The User provided site contact information and provided access to the Property.
Environmental Liens or Activity Use Limitations	No	The user reportedly does not possess any of these documents
Previous Environmental Permits or Reports Provided by User	No	The user reportedly does not possess any of these documents.
Purpose of the Phase I ESA	Yes	In support of proposed construction on the Property.

4.0 RECORDS REVIEW

The objective of consulting historical sources of information is to develop the history of the Property and surrounding area, in order to evaluate if past uses may have resulted in RECs. Physical setting records are evaluated to determine if the physical setting may have contributed to adverse environmental conditions in connection with the Property. During the review of historical records, Stantec attempted to identify uses of the Property from the present to the first developed use of the Property. Stantec's research included the reasonably ascertainable and useful records described in this section.

4.1 PHYSICAL SETTING

A summary of the physical setting of the Property is provided in the table below with additional details in the following subsections:

Topography:	Township 1S, and Range 13W. Pasadena 7.5 Minute topographic quadrangle. General topographic gradient is south southwest.
Soil/Bedrock Data:	Boring logs obtained from a nearby site stated that soils consist predominantly of silty sand and sandy silt (Rincon, 2013).
Estimated Depth to Groundwater/ Estimated Direction of Gradient:	First encountered groundwater in the vicinity of the Property has been reported to be at approximately 50 feet below ground surface (ft bgs; see Section 4.1.3). Groundwater flow direction for the adjacent site (Inactive Scholl Canyon Landfill) was reported to be south southwest.
Note: Site-specific groundwater direction and depth can only be determined by conducting site-specific testing, which Stantec has not conducted.	

4.1.1 Property Topography and Surface Water Flow

The Property is located at an elevation of approximately 1,176 feet above mean sea level (ft msl). Based on the topography and existing surface conditions, general surface water flow is to the south southwest.

4.1.2 Regional and Property Geology

The Scholl Canyon area has narrow valleys lined with varying amounts of alluvium and colluvium. Bedrock in this area is quartz diorite and diorite, and is highly jointed and fractured. The Canyon which lies in the San Fernando Valley Groundwater Basin is bounded on the north and northwest by the Santa Susana Mountains, on the north and northeast by the San Gabriel Mountains, on the east by the San Rafael Hills, on the south by the Santa Monica Mountains and Chalk Hills, and on the west by the Simi Hills (DWR Bulletin 118, 2004).

The Property is underlain by granitic and metamorphic rocks including gneiss. Scholl Canyon area consists of narrow valleys covered by varying thicknesses of alluvium and colluvium and intervening ridges. Bedrock in this area, which is highly jointed and fractured, consists of quartz diorite and diorite.

Based on soil samples collected during site assessments activities at a nearby site (4927 Eaglerock Boulevard), soil types consisted predominantly of silty sand and sandy silt (Rincon, 2013).

4.1.3 Regional and Property Hydrogeology

Scholl Canyon is tributary to the San Fernando Valley, which is underlain by the San Fernando Groundwater Basin. The surface and ground waters of this basin are used extensively for domestic, agricultural, and industrial purposes. The water-bearing sediments consist of the lower Pleistocene Saugus Formation, Pleistocene and Holocene age alluvium. The ground-water in this basin is mainly unconfined with some confinement within the Saugus Formation in the western part of the basin and in the Sylmar and Eagle Rock areas. Regional groundwater flow direction is generally reported toward the south southwest (DWR Bulletin 118, 2004).

Third Quarter 2015 quarterly groundwater monitoring results at the adjacent site (Inactive Scholl Canyon Landfill) reported the depth to water to be approximately 50 feet bgs (SCS Engineers, 2015).

4.2 FEDERAL, STATE AND TRIBAL ENVIRONMENTAL RECORDS

A regulatory agency database search report was obtained from Environmental Data Resources Inc. (EDR), a third-party environmental database search firm. A complete copy of the database search report, including the date the report was prepared, the date the information was last updated, and the definition of databases searched, is provided in Appendix D.

Stantec evaluated the information listed within the database relative to potential impact to the Property, assessing the potential for impacts based in part on the physical setting. As part of this process, inferences have been made regarding the likely groundwater flow direction at or near the Property. As described in 4.1.3, the regional groundwater flow direction is generally to the south southwest. Observations about the Property and surrounding properties made during the Property reconnaissance are provided in more detail in section 5.

4.2.1 Listings for Property

The Property was identified in the RCRA-SQG, FINDS, HAZNET, SWF/LF, EMI, Financial Assurance, Los Angeles Co. HMS and US AIRS.

Database Listing	Description
FINDS	The Property is registered in the FINDS database with Registry ID: 110055841754.
HAZNET	The Property was listed in the database as a storage, bulking, transfer off-site facility of liquids with halogenated organic compounds and oxygenated solvents.
NPDES	The Property is listed as a facility requiring National Pollutant Discharge Elimination System (NPDES) permit as of 2010. NPDES no. CAS000001.
EMI	The Property reportedly emitted total organic hydrocarbon gases, reactive organic gases, carbon monoxide, nitrogen oxides, sulfur oxides, and particulate matters from 1995 to 2001 and from 2009 to 2012.
RCRA-SQG	The Property is listed as a generator of ignitable and corrosive waste. No violations were reported.
US AIRS	The Property was listed in the State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards consisting of compliance monitoring from 1998 to 2014. The Property reportedly retained a Title V permit from 2006 to 2014.

4.2.2 Listings for Nearby Sites with Potential to Impact Property

Stantec assessed data presented in the environmental agency database search report to evaluate the potential for conditions to pose a REC, CREC, or HREC for the Property.

The Scholl Canyon Inactive Landfill is listed on RWQCB's GeoTracker website as a Land Disposal Site with cleanup status 'Open – Verification Monitoring as of 1/1/1965'. The Second Quarter 2015 Monitoring Reports stated that the landfill was opened in 1961 and it accepted slightly contaminated soils, uncontaminated soils, green waste and asphalt for onsite beneficial reuse for disposal in the past. Currently the landfill only accepts non-hazardous waste. The reports also state that currently there are 11 groundwater monitoring wells at the active landfill and 2 groundwater monitoring wells in the vicinity of the landfill, in which sampling is conducted on a quarterly basis. The volatile organic compounds (VOCs)

detected in some of the groundwater samples collected during the third quarter 2015 event were chloroform, acetone, ethylbenzene and toluene. The VOCs detected in the groundwater historically include benzene, 1,2-dichlorobenzene, 1,4-dichlorobenzene, chlorobenzene, isopropylbenzene, n-propylbenzene and sec-propylbenzene. The reports also stated that storm water monitoring is conducted at the Landfill. Per the most recent storm event, the monitoring results that exceeded USEPA benchmarks were total suspended solids, iron and zinc.

Presence of a landfill as part of the Property is considered as a REC for the Property. The EDR database reported presence of a 500-gal UST with regular unleaded gasoline used for motor vehicle fuel at the landfill. Since no spills or leaks were reported, presence of a UST is considered as an item of note for the Property but not a REC.

EDR database also identified additional nearby sites in the vicinity of the Property to be reportedly maintaining USTs. The database search did not report any information at these sites which would constitute a potential REC for the Property. These sites were also outside the potential vapor encroachment radius of the Property (within 1/10th of a mile for petroleum hydrocarbons and within 1/3rd of a mile for VOCs). The listings in the database search report provided in Appendix D.

4.3 LOCAL/REGIONAL ENVIRONMENTAL RECORDS

Stantec checked the following sources to obtain information pertaining to Property use and/or indications of RECs in connection with the Property:

4.3.1 California Department of Toxic Substances Control (DTSC) - Chatsworth

Agency Name Contact Information	Finding
Vivien Tutaan DTSC Chatsworth 818-717-6521 Response Date: September 11, 2015	Hand written notes dated October 21, 1980, mention illegal dumping of ¾ empty barrels of oils and solvents at the site. Monitoring reports from 1994 prepared by the Solid Waste Management Department for the Regional Water Quality Control Board (RWQCB) also listed multiple occurrences of illegal dumping of paints, waste oils, and fertilizers at the facility. The recovered waste was sent to another facility for treatment.

4.3.2 County of Los Angeles – Department of Public Works (LADPW)

Agency Name, Contact Information	Findings
LADPW 626-458-3517	LADPW referred Stantec to their webpage www.ladpw.org/epd/cleanla/OpenFileReview.aspx to access public records. The online research suggested that LADPW does not have any records related to industrial waste/underground storage tanks/stormwater for the Property.

4.3.3 Local Building and/or Planning Department Records

Agency Name, Contact Information	Findings
Los Angeles Building and Planning Department Response Date: September 3, 2015	The Building and Planning Department reported that they did not find any records for the Property.

4.3.4 Los Angeles Fire Department (LAFD) Hazardous Materials Programs Unit

Agency Name, Contact Information	Findings
LAFD Hazardous Materials Programs Unit 213-978-3691 Response Date: September 21, 2015	LAFD Hazardous Materials Programs Unit reported that they did not find any records for the Property.

4.3.5 Glendale Fire Department

Agency Name, Contact Information	Findings
Glendale Fire Department	Records obtained from this department reported violations of the industrial wastewater permit in 1997, 1998, 2002. According to the industrial waste discharge permit application from 1997, approximately 3,300 gallons of waste liquids was reportedly discharged per day. Condensate waste was generated during landfill gas processing operations. The types of chemicals, solvents contained in the waste were chlorinated, aromatic, oxygenated and other hydrocarbons from landfill gas; oil from gas compressors; and sulfur-containing compounds. Records from the Hazardous Materials Inventory information dated January 1999: 1. Diesel fuel 2. Motor Oil 3. Waste Oil Mixture 4. Gear Lubricant 5. Petroleum Naptha 6. Transmission fluid 7. Aerosol Paint 8. Antifreeze 9. Mineral Spirits 10. Paint 11. Dichlorofluromethane 12. Used filters 13. Landfill gas – methane 14. PVC solvent cement and primer 15. Propane 16. Nitrogen (compressed gas) 17. Hydrogen (compressed gas) 18. Methane (compressed gas) 19. 50% Caustic 20. Hydrochloric Acid 21. Betz-GCP-187 (a blend of phosphate and polymer) 22. Chlorine tablets

4.3.6 Regional Water Quality Control Board – Los Angeles (RWQCB-LA)

Agency Name, Contact Information	Findings
Laura Gallardo RWQCB - LA Rb4- publicrecords@waterboards.ca.gov	RWQCB-LA did not have records for the Property but maintained records for the active landfill. Groundwater monitoring is being conducted at the active and inactive landfill. According to the Third Quarter 2015 Groundwater Monitoring Report, chloroform, acetone, ethylbenzene and toluene were detected in some groundwater monitoring wells; and concentrations in some wells were above their applicable secondary maximum contaminant level (MCLs; established for taste, odor, and appearance reasons) for chloride, total dissolved solids, and specific conductance. Records also indicate historical improper disposal of hazardous waste at the landfill.

4.3.7 Public Health Investigation (PHI)

Agency Name, Contact Information	Findings
PHI phicor@ph.lacounty.gov Response Date: September 22, 2015	Various Hazardous Materials Emergency Incident Reports reported illegal dumping of solvents, paints, acids, and soil containing gasoline, oil and acids at the landfill.

4.3.8 DTSC - Cypress

Agency Name, Contact Information	Findings
Jone Barrio DTSC Cypress 714-484-5336 Response date: September 4, 2015	DTSC Cypress reported that they did not find any records for the Property.

4.4 HISTORICAL RECORDS REVIEW

4.4.1 Land Title Records/Deeds

Land title records and deeds were not provided by the User, and public records were not searched by Stantec.

4.4.2 Aerial Photographs

Stantec reviewed historical aerial photographs provided by EDR. The general type of activity on a property and land use changes can often be discerned from the type and layout of structures visible in the photographs. However, specific elements of a facility's operation usually cannot be discerned from aerial

photographs alone. The following table summarizes Stantec's observations of the reviewed historical aerial photographs. The aerial photographs are presented in Appendix E as Historical Records.

Year	Scale	Observations, Property and Adjoining Properties
1928	1"=500'	The Property and surrounding areas appear to be forestland.
1938	1"=500'	The Property and surrounding areas appear to be forestland.
1952	1"=500'	The Property and surrounding areas appear to be forestland.
1964	1"=500'	The Property appears undeveloped. The currently inactive landfill appears to be developed. Scholl Canyon Road appears to be developed.
1972	1"=500'	The Property appears undeveloped.
1977	1"=500'	No significant changes in the Property or the vicinity of the Property since the 1972 aerial photograph.
1983	1"=500'	The Property appears to be under construction as a landfill gas processing facility. The two ASTs currently present on the active landfill appear approximately 500 feet northeast of the Property.
1989	1"=500'	The Property appears to be developed as a landfill gas processing facility for the landfill.
1994	1"=500'	No significant changes in the Property or the vicinity of the Property since the 1989 aerial photograph.
2002	1"=500'	The landfill portion of the Property appears to be in the current configuration consisting of a condensate processing facility, flaring station, gas compressors, tool shed, refrigeration exchange skid, condensate treatment area and office area.
2005	1"=500'	No significant changes in the Property or the vicinity of the Property since the 2002 aerial photograph.
2009	1"=500'	No significant changes in the Property or the vicinity of the Property since the 2005 aerial photograph.
2010	1"=500'	No significant changes in the Property or the vicinity of the Property since the 2009 aerial photograph.
2012	1"=500'	No significant changes in the Property or the vicinity of the Property since the 2010 aerial photograph.

Name of aerial photograph source: The EDR Aerial Photo Decade Package

4.4.3 City Directories

Stantec retained a third party to research available reverse city directories for the Property, in approximately five year intervals. The City Directory is presented in Appendix E as Historical Records. The following is a general summary of Stantec's review of the city directory listings:

Subject/Adjoining Property	Year	Listed Occupants
Property	2008	Sanitation Districts F Ls A School Canyon Ltd Par

Subject/Adjoining Property	Year	Listed Occupants
	1990	Sanitation Districts of LA County
Adjoining Properties	1951 - 2013	Landfill, various commercial, government building listings

Name of city directories and source: The EDR City Directory Abstract

4.4.4 Historical Fire Insurance Maps

Fire insurance maps were developed for use by insurance companies to depict facilities, properties, and their uses for many locations throughout the United States. These maps, which have been periodically updated since the late 19th century, provide information on the history of prior land use and are useful in assessing whether there may be potential environmental contamination on or near the Property.

Stantec contracted with a third party to search for copies of historical fire insurance maps covering the subject and immediately adjacent properties. No maps were available for the Property or adjacent properties. The Sanborn® Map Search Report is presented in Appendix E as Historical Records.

4.4.5 Historical Topographic Maps

Stantec reviewed historical topographic maps to help identify past Property usage and areas of potential environmental concern.

The United States Geological Survey (USGS) 7.5-Minute Topographic Map of Pasadena Quadrangle (scale 1:24,000) was reviewed to identify local and regional physiographic features in the vicinity of the Property (see Figure 1). Based on our review of this data, the Property is located at an elevation of approximately 1,176 ft msl and the general topographic gradient is to the south southwest.

No RECs were noted during our review of the topographic maps. Copies of the historical maps are provided in Appendix E as Historical Records. The following table summarizes the maps reviewed and our observations.

Year	Scale	Observations, Property and Adjoining Properties
1896	1:62,500	No details regarding specific development of the Property were observed. No structures or indicators of potential RECs for the Property were depicted on the maps.
1900	1:62,500	
1901	1:250,000	
1941	1:24,000	
1953	1:24,000	
1953	1:24,000	No details regarding specific development of the Property were observed. The currently active landfill is depicted on 1988 through 1995 maps. Presence of a landfill on the Property is considered a REC.
1966	1:24,000	
1972	1:24,000	
1988	1:24,000	
1994	1:24,000	

Year	Scale	Observations, Property and Adjoining Properties
1995	1:24,000	

Name of maps and source: The EDR Historical Topographic Map Report

4.4.6 Other Historical Sources

No other historical sources were researched.

5.0 SITE RECONNAISSANCE

A visit to the Property and its vicinity was conducted by Mr. Scott Edblad and Jason Stagno on September 14, 2015. Access to the Property was provided by the on-site personnel, Mr. Tom Streight. Stantec was accompanied by Mr. Streight during the Property visit. Figure 2 provides information about the Property and adjoining properties and the location of potential areas of environmental concern. Photographs collected during the Property visit are included in Appendix A.

5.1 SITE RECONNAISSANCE METHODOLOGY

The Site reconnaissance focused on observation of current conditions and observable indications of past uses and conditions that may indicate the presence of a REC. The Property reconnaissance was conducted on foot and Stantec utilized the following methodology to observe the Property:

- Traverse the outer Property boundary.
- Traverse transects across the Property.
- Traverse the periphery of all structures on the Property.
- Visually observe accessible interior areas expected to be used by occupants or the public, maintenance and repair areas, utility areas, and a representative sample of occupied spaces.

Weather conditions during the visit to the Property were clear and sunny. There were no weather-related Property access restrictions encountered during the reconnaissance visit.

5.2 GENERAL DESCRIPTION

Property and Area Description:	The Property is located in an urban development. Surrounding properties include combination of vacant land and residential properties.
Property Operations:	The Property is a natural gas processing facility and is a part of an active landfill which currently accepts non-hazardous solid waste.
Structures, Roads, Other Improvements:	The structures present on the Property include multiple trailers, two high voltage buildings, flaring station, condensate processing facility, and refrigeration exchange skid area. The surface is covered partly by asphalt and partly unpaved.
Property Size (acres):	3.0
Estimated % of Property Covered by Buildings and/or Pavement:	10
Observed Current Property Use/Operations:	Landfill gas processing facility.

Observed Evidence of Past Property Use(s):	None observed.
Potable Water Source:	Glendale Water and Power.
Electric Utility:	Glendale Water and Power.

5.3 HAZARDOUS SUBSTANCES AND PETROLEUM PRODUCTS

The following table summarizes Stantec's observations during the Property reconnaissance.

Observations	Description/Location
Hazardous Substances and Petroleum Products as Defined by CERCLA 42 U.S.C. § 9601(14):	Hazardous substances observed on the Property included waste oil, antifreeze, hydrochloric acid, compressor oil, and diesel. All substances appeared to be stored appropriately.
Drums (≥ 5 gallons):	Miscellaneous drums storage, southeast of the Property (with or without secondary containment): • 8x55-gal magnasol • 2x55-gal magnafloc • 5x55-gal pacemaker oil • 55-gal aluminum chloride • 2x55-gal antifreeze, cleaning solvent • 55-gal sorbent waste storage drum • 55-gal oil storage drums • 16-gal hydrochloric acid storage drum
Strong, Pungent, or Noxious Odors:	None detected.
Pools of Liquid:	None observed.
Unidentified Substance Containers:	None observed.
PCB-Containing Equipment:	None observed.
Other Observed Evidence of Hazardous Substances or Petroleum Products:	None observed.

5.4 EXTERIOR OBSERVATIONS

Stantec made the following observations during the site reconnaissance of exterior areas of the Property and/or identified the following information during the interview or records review portions of the assessment:

Observations	Description
On-site Pits, Ponds, or Lagoons:	None observed.
Stained Soil or Pavement:	No major staining observed. Cracks were observed throughout the Property.
Stressed Vegetation:	None observed.
Waste Streams and Waste Collection Areas:	A dedicated waste storage area was observed.
Solid Waste Disposal:	No areas indicative of solid waste disposal were observed.
Potential Areas of Fill Placement:	No mounds, piles or depressions suggesting the placement of fill material were observed on the Property.
Wastewater:	The Property has a wastewater discharge permit to discharge into the municipal wastewater system.
Stormwater:	Stormwater drains were observed on the Property, however no evidence of contamination was observed.
Wells:	No wells were observed.
Septic Systems:	No visible evidence of the existence of a septic system was observed.
Other Exterior Observations:	None observed.

5.5 UNDERGROUND STORAGE TANKS/STRUCTURES

Existing USTs:	No visible evidence (fill pipes, vent pipes, dispensers, surface patches), which would indicate the presence of USTs, was discovered during the site reconnaissance.
Former USTs:	No visible evidence (fill pipes, vent pipes, dispensers, surface patches), reports, or other evidence of the former presence of USTs was discovered during this Phase I ESA.
Other Underground Structures:	None observed.

5.6 ABOVEGROUND STORAGE TANKS

Existing ASTs:	Condensate processing facility: • 300-gal mixing (poly tank) • 2x300-gal caustic soda (poly tank) • 1,000-gal mixing (poly tank) • 3x10,000-gal condensate (poly tank) • 2,500-gal magnasol (poly tank) • 2,500-gal magnafloc (poly tank) • 3x500-gal condensate (poly tank) • 55-gal condensate (poly tank) • 55-gal drum (unknown) • 2x11,000-gal carbon tanks

	Refrigeration Exchange fluid area: • 55-gal hydrogen sulfide (poly tank) • 800-gal hydrogen sulfide (poly tank) • 1,100-gal sulfatrol (poly tank) • 55-gal pure carbon (vapor phase) • 40-gal oil/ condensate (poly tank) Gas Compressor Area: • 4x80-gal used oil (poly tank) • 4x16 feet^3 metal cube storing oil • • 100 gal, 1,000-gal oil storage drums and poly tanks Three diesel ASTs with no secondary containment (6,000-gal, 4,885-gal and 4,561-gal) were observed approximately 500 feet northeast from the Property. According to historical aerial photographs, the ASTs were present at this location since at least 1983.
Former ASTs:	No visible evidence (fill pipes, vent pipes, dispensers, surface stains), reports, or other evidence of the former presence of ASTs was discovered during this Phase I ESA.

5.7 ADJOINING PROPERTIES

5.7.1 Current Uses of Adjoining Properties

As viewed from the Property and/or from public rights-of-way, Stantec made the following observations about use and activities on adjoining properties:

NORTH	Scholl Canyon Active landfill
SOUTH	Highway 134
EAST	Vacant land and residential properties further east
WEST	Lower Scholl Canyon Park

5.7.2 Observed Evidence of Past Uses of Adjoining Properties

Observations of adjoining properties providing indications of past use and activities, if any, are described below.

NORTH	Landfill.
SOUTH	None observed.
EAST	None observed.
WEST	None observed.

5.7.3 Pits, Ponds or Lagoons on Adjoining Properties

As viewed from the Property and/or from public rights-of-way, Stantec made the following observations about the presence of pits, ponds and lagoons on adjoining properties:

NORTH	None observed.
SOUTH	None observed.
EAST	None observed.
WEST	None observed.

5.8 OBSERVED PHYSICAL SETTING

Topography of the Property and Surrounding Area:	The Property and surrounding areas have a general topographic gradient of south southwest.

6.0 INTERVIEWS

Stantec conducted interviews with the following individuals:

Name and contact information	Relationship to Property	Key findings:
Tom Streight	On-site personnel	The personnel provided information on the existing chemical storage on the Property.

7.0 EVALUATION

This section provides a summary overview of or Findings, Opinions, and Conclusions.

7.1 FINDINGS AND OPINIONS

Information gathered from interviews, reviews of existing data review, and a property inspection was evaluated to determine if RECs are present in connection with the Property. Based on this information, Stantec made the following findings and developed the following opinions.

Finding 1: Numerous drums and poly tanks containing various hazardous chemicals and/or waste oil were observed on the Property.

Opinion 1: Storage of petroleum hydrocarbons and hazardous chemicals at a facility is considered a REC. However, during the site reconnaissance, Stantec did not observe evidence of leaks or spills at the Property. Stantec also observed some drums containing hazardous chemicals which were stored on secondary containment.

Finding 2: The Property is a natural gas processing facility and is a part of an active landfill.

Opinion 2: The landfill receives petroleum hydrocarbons and other non-hazardous waste, and is under regulatory agency oversight for groundwater monitoring. Therefore, the presence of a landfill as part of the Property is considered as a REC.

Finding 3: Three ASTs (6,000-gal, 4,885-gal and 4,561-gal) storing diesel were observed approximately 500 feet northeast from the Property. No secondary containment was observed.

Opinion 3: Since these ASTs are not on the Property and no violations were reported, the ASTs are considered as an item of note for the Property but not a REC.

Finding 4: The EDR database reported presence of a 500-gal UST with regular unleaded gasoline used for motor vehicle fuel at the landfill.

Opinion 4: Since no spills, leaks or violations were reported and the reported UST is not on the Property, it is considered as an item of note for the Property but not a REC.

7.2 DATA GAPS

The federal AAI rule [40 CFR 312.10(a)] and ASTM E1527-13 identify a “data gap” as the lack or inability to obtain information required by the standards and practices of the rule despite good faith efforts by the Environmental Professional or the User.

Any data gaps resulting from the Phase I ESA described in this report are listed and discussed below.

Gap	Discussion
Deletions or Exceptions From Scope of Work Referenced in Section 1.4:	None.
Weather-Related Restrictions To Site Reconnaissance:	None.
Facility Access Restrictions to Site Reconnaissance:	None.
Other Site Reconnaissance Restrictions:	None.
Data Gaps From Environmental Records Review:	None.
Data Gaps From Historical Records Review:	None.
Data Gaps From Interviews:	None.
Other Data Gaps:	None.

7.3 CONCLUSIONS

Stantec completed this Phase I ESA of the proposed project site for power generation located at 3001 Scholl Canyon Road, Glendale, California 91206 (the "Property"), on behalf of City of Glendale (the "Client"). The work was performed in accordance with Stantec's proposal and terms and conditions dated August 25, 2015. City of Glendale (the "User") has been designated as the User of this report.

The Phase I ESA was conducted in conformance with USEPA Standards and Practices for AAI, 40 CFR Part 213 and the requirements of ASTM Designation E 1527-13, except as may have been modified by the scope of work, and terms and conditions, requested by the Client. Any exceptions to, or deletions from, the ASTM practice are described in Section 2.3 and 8.2. The purpose of this Phase I ESA was to evaluate the current and historical conditions of the Property in an effort to identify RECs and HRECs in connection with the Property.

The Property which is proposed for construction is comprised of an approximately 2.2-acre landfill gas processing facility within the Scholl Canyon Landfill and a pipeline corridor extending approximately 2/3 mile to the west of the landfill. The Property is located approximately one half mile north of the 134 Freeway on Scholl Canyon Road in the City of Glendale, Los Angeles County, California. The purpose of the proposed project development is to beneficially utilize methane-rich renewable LFG as fuel to generate electricity (13 megawatts). In addition, 2/3 mile of natural gas pipeline will be constructed to connect the facility to the existing Southern California Gas Company pipeline system located at the eastern end of Scholl Canyon Drive. The Scholl Canyon Landfill is also reportedly identified as 7721 North Figueroa Street, Los Angeles, California 90047. Surrounding properties include vacant land, landfill (active and inactive) and residential properties.

The following items of note were identified during this ESA:

- Three ASTs (6,000-gal, 4,885-gal and 4,561-gal) storing diesel were observed approximately 500 feet northeast of the Property. No secondary containment was observed. Since these ASTs are not located on the Property and no violations/leaks/spills were reported, the ASTs are considered as an item of note for the Property but not a REC.

- The EDR database reported presence of a 500-gal UST with regular unleaded gasoline used for motor vehicle fuel at the landfill. Since no spills, leaks or violations were reported and the reported UST is not on the Property, it is considered as an item of note for the Property but not a REC.

Stantec performed this Phase I ESA in conformance with the scope and limitations of ASTM Practice E1527-13 of the Property. Any exceptions to, or deletions from, this practice are described in the Data Gaps section of this report. This assessment has revealed the following RECs in connection with the Property:

- During the site reconnaissance, Stantec observed numerous drums and poly tanks which stored various hazardous chemicals and/or waste oil on the Property. Storage of petroleum hydrocarbons and hazardous chemicals at a facility is considered a REC. However, during the site reconnaissance, Stantec did not notice evidence of leaks or spills at the Property. Stantec also observed that some drums containing hazardous chemicals were stored on secondary containment; and

- The Property is a natural gas processing facility and is a part of an active landfill, and as such, there is a possibility of release of gas emissions including methane. The landfill was historically reported to accept some contaminated soils, and groundwater is being monitored for impacts from VOCs. Therefore, presence of a landfill is considered as a REC. However, no buildings were observed on the Property during the site reconnaissance which eliminated the current possibility of indoor air quality issues and it was reported that the landfill currently accepted only nonhazardous waste, potentially limiting the types of hazardous gas emissions from the landfill.

8.0 NON-SCOPE CONSIDERATIONS

No ASTM E1527-13 non-scope services were performed as part of this Phase I ESA with the following exceptions:

8.1 LEAD-BASED PAINT

Concern for lead-based paint (LBP) is primarily related to residential structures. The EPA's Final Rule on Disclosure of Lead-Based Paint in Housing (40 CFR Part 745) defines LBP as paint or other surface coatings that contain lead equal to or in excess of 1.0 milligram per square centimeter or 0.5 percent by weight.

The risk of lead toxicity in LBP varies based upon the condition of the paint and the year of its application. The U.S. Department of Housing and Urban Development (HUD) has identified the following risk factors:

The age of the dwelling as follows: maximum risk is from paint applied before 1950.

There is severe risk from paint applied before 1960.

There is moderate risk from deteriorated paint applied before 1970.

There is slight risk from the paint that is intact but applied before 1977.

The condition of the painted surfaces.

The presence of children and certain types of households in the building.

Previously reported cases of lead poisoning in the building or area.

Samples of suspect LBP were collected for laboratory analysis of lead and will be submitted to the Client in a separate report.

8.2 ASBESTOS

Asbestos can be found in many applications, including sprayed-on or blanket-type insulation, pipe wraps, mastics, floor and ceiling tiles, wallboard, mortar, roofing materials, and a variety of other materials commonly used in construction. The greatest asbestos-related human health risks are associated with friable asbestos, which is ACM that can be reduced to powder by hand pressure. Friable asbestos can become airborne and be inhaled, and has been associated with specific types of respiratory disease. The manufacturing and use of asbestos in most building products was curtailed during the late 1970s. Stantec makes no warranty as to the possible existence or absence of inaccessible materials or to their evaluation with respect to asbestos content.

Samples of suspect ACM were collected for laboratory analysis of asbestos and will be submitted to the Client in a separate report.

8.3 INDOOR AIR QUALITY

No issues regarding air quality were noted.

8.4 RADON

Radon is a colorless, tasteless radioactive gas with an EPA-specified action level of 4.0 PicoCuries per liter of air (pCi/L) for residential properties. Radon gas has a very short half-life of 3.8 days. The health risk potential of radon is primarily associated with its rate of accumulation within confined areas near or in the ground, such as basements, where vapors can readily transfer to indoor air from the ground through foundation cracks or other pathways. Large, adequately ventilated rooms generally present limited risk for radon exposure. The radon concentrations in buildings and homes depend on many factors, including soil types, temperature, barometric pressure, and building construction (EPA, 1993).

Stantec reviewed regional data published by the EPA (http://www.epa.gov/radon/zonemap.html) on average indoor radon concentrations in the vicinity of the Property.

EPA Radon Zones (w/Average Measured Indoor Radon concentrations)		
Zone 1 – High (>4.0 pCi/L)	Zone 2 – Moderate (2 to 4 pCi/L)	Zone 3 – Low (<2 pCi/L)
	Yes	
Normally-occupied sub grade areas (i.e. basement apartments, offices, stores, etc.)?		
No buildings present on the Property.		

The Property is located in Zone 2 and is considered to have moderate potential for radon. To determine Property-specific radon levels a radon survey would have to be conducted. However, because the Property does not have any buildings, further investigation of indoor radon issues does not appear to be warranted.

8.5 FLOOD ZONES

According to the Physical Setting summary portion of the EDR report, the Property is not located within a 500-year or 100-year flood plain. The nearest Surface Water is the Eagle Rock Reservoir, located south of the Property.

8.6 WETLANDS

Wetlands cannot be definitively identified through visual observation alone. Defensible wetland delineations require taxonomic classification of property vegetation, an investigation into the surface and subsurface hydrology of the property, and identification of hydric soils. This level of delineation is outside of the scope or work for this assessment. However, Stantec reviewed US Fish and Wildlife Service

National Wetland Inventory maps and readily available USDA Soil Survey reports. Information from these sources is summarized below.

Potential Wetlands Observed on Property:	None Observed
New Development Planned for Property:	Yes

Wetland Inventory Maps

Map Quadrangle Name	Pasadena
Wetlands Depicted on Property:	None depicted
Wetlands Depicted on Adjoining Properties	None depicted

Soil Survey Data

Soil Survey Report Name and Date:	STATSGO: State Soil Geographic Database
Hydric Soils Depicted in Property Vicinity:	None Depicted

Based on the above documents and the field observations, a wetland does not appear to be present at the Property.

8.7 PESTICIDES

No documentation of commercial on-site use of agricultural chemicals (e.g., pesticides, insecticides, fertilizers or herbicides) was discovered during this ESA. Stantec did not identify any apparent agricultural chemical processing areas, such as crop dusting airfields, bulk mixing areas; or repacking, transfer, or agricultural chemical storage areas in the aerial photographs that were reviewed during this ESA.

8.8 DRY-CLEANING OPERATIONS

No existing dry-cleaning operations were observed at the Property. The historical records review did not list former dry-cleaning operations on the Property.

9.0 REFERENCES

American Society for Testing and Materials, Standard Practice for Environmental Site Assessments: Phase 1 Environmental Site Assessment Process, Designation: E 1527-13, November 2013.

American Society for Testing and Materials (ASTM), 2010, Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions, Designation E 2600-10, June 1.

California Department of Conservation Division of Mines and Geology (CDCDMG), 1986, Geomorphic Provinces and Some Principal Faults of California, May.

California Department of Health Services (DHS), 1990, California Statewide Radon Survey, May.

California Department of Water Resources (DWR), 2004, California's Groundwater Bulletin 118, South Coast Hydrologic Region, Coastal Plain of Los Angeles Groundwater Basin, Central Subbasin, updated February 24.

Environmental Data Resources (EDR), 2015. Aerial Photographs, City Directories, Sanborn® Map Report, Topographic Maps, EDR Radius Map™ Report with GeoCheck®, Property, 7721 North Figueroa Street, Los Angeles, CA 90041, September 15.

U.S. Environmental Protection Agency (EPA), 2005, All Appropriate Inquiry Final Rule.

U. S. Environmental Protection Agency (EPA), 1993, USEPA Map of Radon Zones Throughout United States, Document No. EPA-402-R-93-071Prior reports.

SCS Engineers, 1998, Notice of Violation, Scholl Canyon LFG Limited Partnership, January 19.

City of Glendale Fire Department, 2002, Notice of Violation, Scholl Canyon LFG Limited Partnership, August 5.

City of Glendale Fire Department, 1997, Notice of Violation, Scholl Canyon LFG Limited Partnership, August 5.

SCS Engineers, 2015, Third Quarter 2015 Groundwater Monitoring Report, Scholl Canyon Inactive Landfill, October.

Rincon Consultants, Inc., 2013, Post Remediation Assessment, Eagle Rock Shopping Center, 4927-4945 Eagle Rock Boulevard, Eagle Rock, California, November 4.

City of Glendale Fire Department, 1999, Hazardous Materials Inventory, January 13.

Websites:

http://www.water.ca.gov/groundwater/bulletin118/gwbasin_maps_description.cfm

http://GeoTracker.swrcb.ca.gov/

http://hwts.dtsc.ca.gov/report_list.cfm

http://www.dfg.ca.gov/bdb/html/cnddb.html

http://www.maps.assessor.laccounty.gov/mapping/vieer.asp

http://www.dtsc.ca.gov/HazardousWaste/Deeds/Shipley.cfm

REFERENCES
February 8, 2016

http://www.epa.gov/enviro/

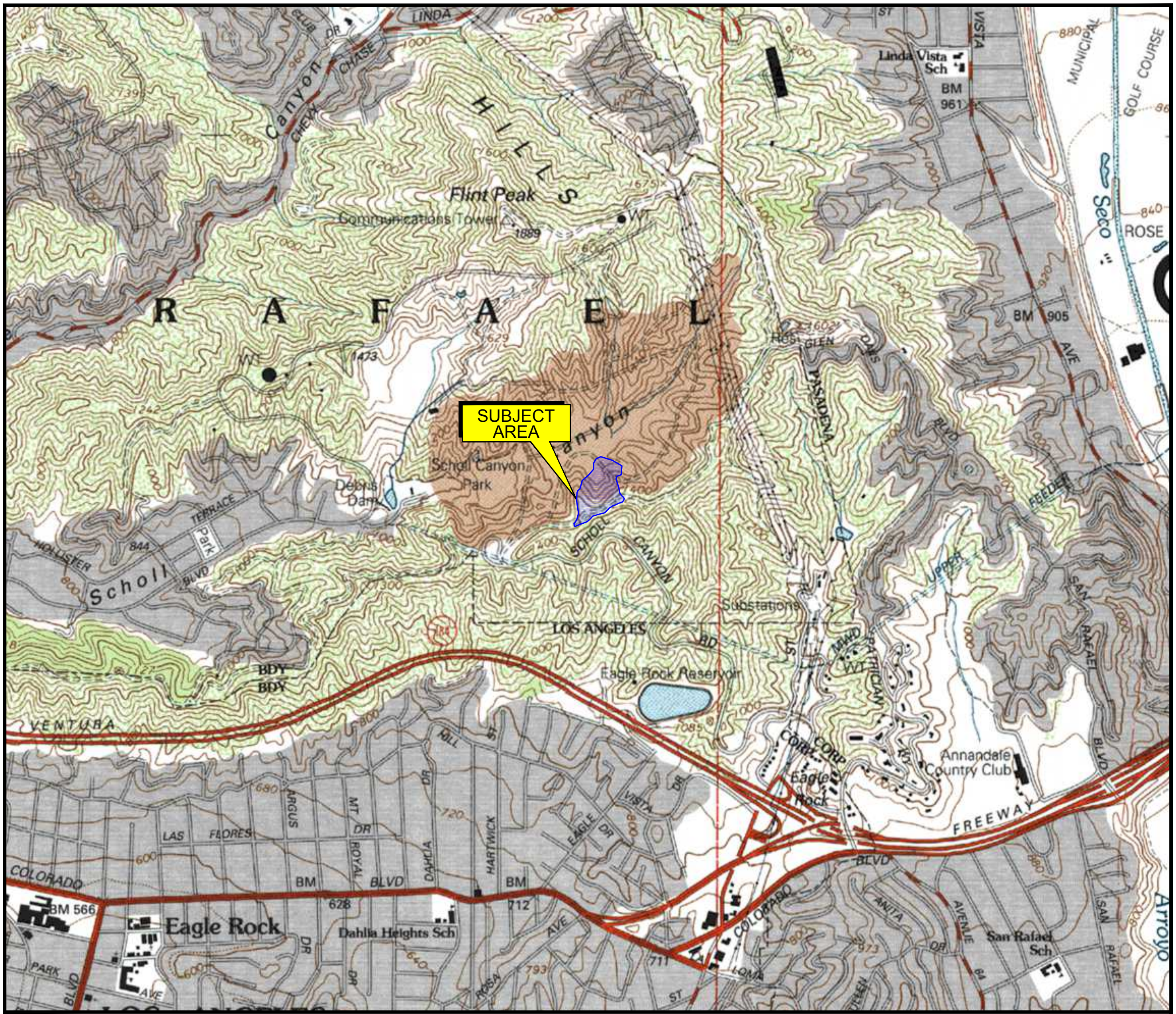
http://www.nrc.uscg.mil/pls/htmldb/f?p=109:1:587700253356660

http://www.cdph.ca.gov/healthinfo/environhealth/Documents/Radon/CaliforniaRadonDatabase.pdf

http://maps.conservation.ca.gov/doms/doms-app.html

http://www.conservation.ca.gov/dog/Pages/Wellfinder.aspx

FIGURES



SOURCE USGS . MINUTE TOPOGRAPHIC MAPS PASADENA UADRANGLE
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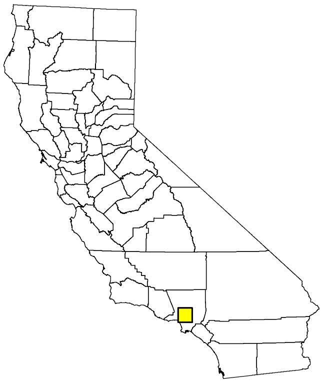

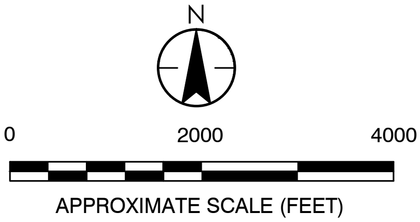

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SITE LOCATION MAP

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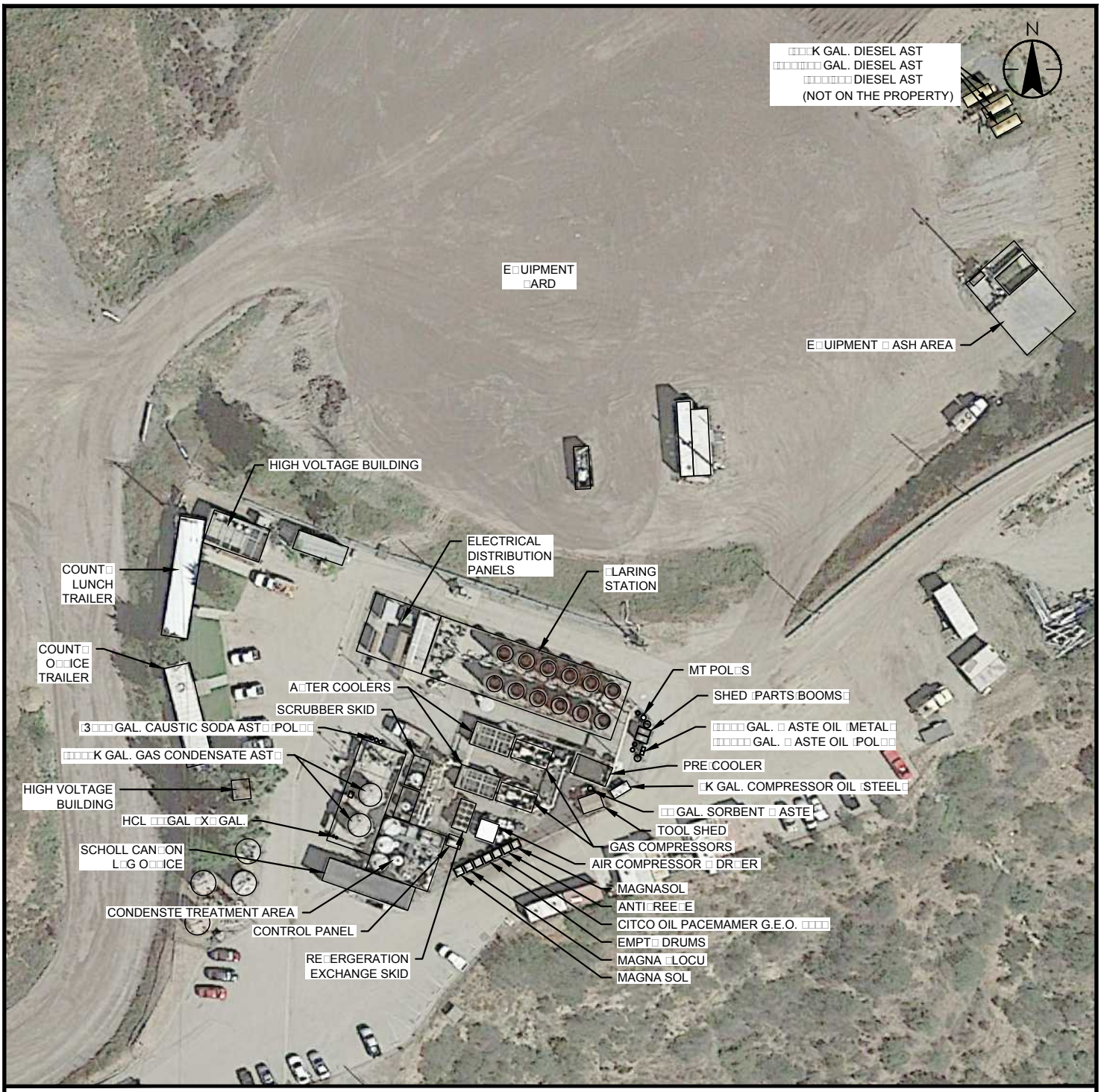

NOTES:

1. MAP RE□ERENCES□GOOGLE EARTH PRO AERIAL IMAGE□DATED MARCH □3□□□□□. SCHOLL CAN□ON LAND□ILL EVACUATION PLAN.
2. COORDINATE S□STEM□NAD □3 CALI□ORNIA STATE PLANES□□ONE □ □□T.□ NOT A SURVE□ED MAP□SITE □EATURES AND LOCATIONS ARE APPROXIMATE.

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APPROXIMATE SCALE (FEET)

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PROPERTY DETAIL MAP

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Appendix A
PHOTOGRAPHS OF THE PROPERTY AND VICINITY

STANTEC CONSULTING
PHOTOGRAPHIC RECORD

Client:	City of Glendale Water and Power	**Job Number:**	2057123300
Subject Name:	Scholl Canyon	**Location:**	3001 Scholl Canyon Road, Glendale, CA
Photographer:	S. Edblad	**Date:**	14-Sep-2015

Photograph No. 1

View of the Property, looking west..

Photograph No. 2

View of the three tanks storing magnasol, caustic soda and magnafloc in the southern portion of the Property.

STANTEC CONSULTING
PHOTOGRAPHIC RECORD

Client:	City of Glendale Water and Power	**Job Number:**	2057123300
Subject Name:	Scholl Canyon	**Location:**	3001 Scholl Canyon Road, Glendale, CA
Photographer:	S. Edblad	**Date:**	14-Sep-2015

Photograph No. 3

View of the Flaring Station located north of the Property.

Photograph No. 4

View of used oil poly tanks bolted on the ground (with no secondary containment) stored on the Property.

STANTEC CONSULTING
PHOTOGRAPHIC RECORD

Client:	City of Glendale Water and Power	**Job Number:**	2057123300
Subject Name:	Scholl Canyon	**Location:**	3001 Scholl Canyon Road, Glendale, CA
Photographer:	S. Edblad	**Date:**	14-Sep-2015

Photograph No. 5

View of oil storage in poly tanks.

Photograph No. 6

View of three 55-gal drums on secondary containment storing waste oil filters, and non-RCRA hazardous waste.

STANTEC CONSULTING
PHOTOGRAPHIC RECORD

Client:	City of Glendale Water and Power	**Job Number:**	2057123300
Subject Name:	Scholl Canyon	**Location:**	3001 Scholl Canyon Road, Glendale, CA
Photographer:	S. Edblad	**Date:**	14-Sep-2015

Photograph No. 7

View of one of the trailers located along the western boundary of the Property.

Photograph No. 8

View of the three ASTs located approximately 500 feet northeast from the Property.

STANTEC CONSULTING
PHOTOGRAPHIC RECORD

Client:	City of Glendale Water and Power	**Job Number:**	2057123300
Subject Name:	Scholl Canyon	**Location:**	3001 Scholl Canyon Road, Glendale, CA
Photographer:	S. Edblad	**Date:**	14-Sep-2015

Photograph No. 9

View of the 1,000-gal compressor oil tank stored in the southeast portion of the Property.

Photograph No. 10

View of the tool shed located alond the southern boundary of the Property.

STANTEC CONSULTING
PHOTOGRAPHIC RECORD

Client:	City of Glendale Water and Power	**Job Number:**	2057123300
Subject Name:	Scholl Canyon	**Location:**	3001 Scholl Canyon Road, Glendale, CA
Photographer:	S. Edblad	**Date:**	14-Sep-2015

Photograph No. 11

General view of the Landfill Gas Processing facility (Property).

Photograph No. 12

View of the Condensate Tanks (11,000-gal) located in the southwest portion of the Property.

Appendix B
STANTEC RESUMES

Anuya Sawant

Engineering Project Specialist

Anuya has four years of experience in the environmental industry, including project and task management; environmental site assessments; hazardous material assessments; remedial investigations; remedial evaluations and installations; soil, soil vapor, and air sampling; water sampling (wastewater, groundwater, and surface water); National Environmental Policy Act (NEPA)/California Environmental Quality Act (CEQA); Phase I and Phase II environmental assessment and remediations; and workplans, proposals, and reports. Her remediation background includes operating soil vapor extraction (SVE) with granular activated carbon; thermal catalytic oxidizer; and ozone sparge systems designed to target petroleum hydrocarbon and volatile organic compound impacts to groundwater, subsurface soil, and soil vapor. Anuya's site assessment background includes drilling, well abandonment and redevelopment, soil and water sampling, soil vapor sampling and indoor air/intrusion (Summa canisters and tedlars), excavations, underground storage tank (UST) removals, and installing groundwater and soil vapor wells. Her regulatory compliance and NEPA/CEQA document preparation includes evaluating air quality, greenhouse gas emissions, traffic/transportation, energy, utilities, and recreational project impacts. Anuya has technical knowledge of quantifying emissions for linear (i.e. pipelines and roadways) projects using CalEEMod emission model, as well as the USEPA statistical analysis software, ProUCL that is used to compute rigorous statistics to help make accurate decisions at a polluted site.

EDUCATION

BS, Civil Engineering, University of Mumbai, Mumbai, India, 2008

BS, Environmental Engineering, Old Dominion University, Norfolk, Virginia, 2010

OSHA 40-Hour Health & Safety Certification HAZWOPER Standard 29 CFR 1910.120(e), Philadelphia, Pennsylvania, 2010

OSHA 8-Hour Supervisor Health & Safety Certification HAZWOPER Standard, 29 CFR 1910.120, Thousand Oaks, California, 2011

CPR/AED/First Aid, Thousand Oaks, California, 2012

OSHA 8-Hour Refresher Course Health & Safety Certification HAZWOPER Standard, 29 CFR 1910.120, Thousand Oaks, California, 2014

CPR/AED/First Aid Refresher Course, Thousand Oaks, California, 2013

MEMBERSHIPS

Member, American Society of Civil Engineers

PROJECT EXPERIENCE

Environmental Site Assessments Phase I, II, III

Limited Visual Site Investigation, Phase I and II Environmental Site Assessments, Los Angeles, Riverside, Orange, and Ventura Counties, California (Project Engineer)

Anuya performed a limited visual site investigation, Phase I and II Environmental Site Assessments and site characterization assessments for several clients, including medical groups, major retail tire facilities, residential developers, commercial developers, and banks. Properties included multi-story occupied and vacant buildings, vacant lots, industrial and residential properties, and automotive maintenance facilities.

Environmental Site Remediation

Soil, Soil Vapor, and Groundwater Remediation, Los Angeles and Orange Counties, CA (Project Engineer)

Anuya helped with permitting and operation and maintenance of soil vapor extraction, air sparge, and ozone injection systems to remediate impacted soil, soil vapor, and groundwater for property development companies (commercial) and an Orange County city. Sites included volatile organic compounds, chlorinated solvents, and hydrocarbon impacts.

Anuya Sawant

Engineering Project Specialist

Soil, Soil Vapor, and Groundwater Remediation Systems Operations and Maintenance, Los Angeles and Orange Counties, CA (Staff Engineer)
Anuya conducted operation and maintenance activities on soil vapor extraction and ozone injection systems. She conducted daily/weekly field monitoring, air sampling, and monthly data collection to maintain air quality permits compliance.

California Department of Transportation (Caltrans), Los Angeles and Ventura Counties, California (Project Engineer)
Anuya performed soil sampling at various locations, including Lebec and Ojai maintenance yards and I-101 freeway in Ventura and Los Angeles Counties. She evaluated the soil for total petroleum hydrocarbons, volatile organic compounds, and metals.

Former Retail Petroleum Station Assessment and Remediation, Yorba Linda, California (Staff Engineer)
Anuya is currently helping manage permitting, installation, and operation and maintenance of a soil vapor extraction and ozone sparge remediation system to redevelop a former retail petroleum station. The site is impacted with petroleum hydrocarbons and volatile organic compounds in subsurface soils, soil vapor, and groundwater. She is documenting weekly operation and maintaining thermal catalytic oxidizer granular activated carbon SVE and ozone sparge remediation system; permitting (City of Yorba Linda, WDR, and Air Quality Management District); collecting monthly soil vapor samples; collecting quarterly groundwater samples; and preparing quarterly groundwater and operation and maintenance reports and yearly progress reports submitted to the Orange County Health Care Agency and the City of Yorba Linda.

Soil and Soil Vapor Remediation, Harbor City, California (Staff Engineer)
Anuya conducted weekly operation and maintenance of the soil vapor extraction system and collected soil vapor samples at a dry cleaner facility. The site consisted of volatile organic compounds, chlorinated solvents, and hydrocarbon-impacted properties. Anuya prepared quarterly operation and maintenance reports.

Target Store Assessment and Remediation, Anaheim, California (Staff Engineer)
Anuya helped technically execute the remediation of a multi-million dollar project at a former Target Store facility. Source areas included an automotive service station and dry cleaner business that formerly operated at the property. Remediation activities included underground storage tank removal, soil excavation, and soil vapor extraction. Anuya composed quarterly groundwater and operation and maintenance reports; conducted weekly/daily operation and maintenance of the soil vapor extraction system with carbon vessels; and collected soil vapor samples monthly. This site received a no further action letter and was closed by the lead regulatory agency.

Oil & Gas

Vinvale Terminal Groundwater Monitoring and Remediation, Southgate, California (Project Engineer)
The project site is one of the largest fueling distribution terminals on the west coast with daily simultaneous operations. Anuya participates in the groundwater monitoring and sampling activities on a quarterly basis.

Positional Letter Report, Tesoro (Former BP ARCO) Line 216, Inglewood, California (Project Engineer)
Anuya helped prepare a Positional Letter Report that recommended an approach, strategy, and response to a letter issued by the Los Angeles Regional Water Quality Control Board. The letter addressed environmental conditions reportedly identified along the Natural Gas Pipeline 216, located on Hollywood Park Racecourse in Inglewood, California.

Air Quality Study, Vintage Development Project, Kern County, California (Project Engineer)
Anuya helped prepare a Positional Letter Report that recommended an approach, strategy, and response to a letter issued by the Los Angeles Regional Water Quality Control Board. The letter addressed environmental conditions reportedly identified along the Natural Gas Pipeline 216, located on Hollywood Park Racecourse in Inglewood, California.

** denotes projects completed with other firms*

Anuya Sawant

Engineering Project Specialist

Tesoro (Former BP ARCO) Gas Station Workplan Reports (Project Engineer)
Anuya prepared workplans and well abandonment reports for various gas station sites to expedite the remediation process and proceed towards closure.

Underground Storage Tank Removal, Tesoro Refining and Marketing, Marina Del Ray, Newbury Park, Long Beach, and Santa Barbara, California (Staff Engineer)
Anuya provided technical support and field support to remove and excavate an underground storage tanks at various Tesoro service stations in Marina Del Rey, Newbury Park, Long Beach, and Santa Barbara. The project removed the tank, monitored air quality in accordance with Rule 1166 Air Monitoring, collected a soil sample during UST removal/upgrades, segregated impacted soil, and backfilled the excavation pit.

Baseline Studies
Chevron-Branded Facility, Bakersfield, California (Project Engineer)
Anuya prepared a Baseline Site Summary Report for a Chevron-Branded Facility. She prepared the summary in accordance with established Chevron Environmental Management Company (CEMC) guidelines for Property Transfer: Health, Environmental, and Safety Due Diligence Guidelines for Property Transfer for Service Stations.

Occidental of Elk Hills Carbon Dioxide Enhanced Oil Recovery and Sequestration Project, Kern Counties, California (Engineering Associate)
Anuya helped repair an equivalent document to an Environmental Impact Report with several technical studies to construct and operate a carbon dioxide (CO_2) enhanced oil recovery (EOR) system at a 48,000-acre active oil field. The environmental document met the content and format requirements of the California Energy Commission, Department of Oil Gas and Geothermal Resources; and Kern County Planning and Community Development Department. Anuya evaluated potential environmental impacts created by the construction and operation of the CO_2 EOR system (specifically for population), and if warranted, provided mitigation measures to address identified impacts.

Multi-Unit / Family Residential
ProUCL software for statistical calculations and analysis to support Expert Report, Los Angeles, California (Project Engineer)
As part of statistical calculations, Anuya evaluated the analytical data to establish the type of distributional assumptions that best fit the data. To make this determination, Anuya utilized the ProUCL 5.0 software program provided by the USEPA and provided the upper confidence limit of the mean to help determine contribution of the site and the neighboring site to toxic metals contamination. The program allowed normality or lognormality data testing using the Shapiro-Wilk W test.

** denotes projects completed with other firms*

Steven Brady PG, CEG, CHG

Managing Principal Hydrogeologist Technical Intro

With more than 30 years experience in environmental consulting, engineering, and construction fields, Steve has been involved with all aspects of regional and site-specific environmental investigations throughout the southwestern US, including CERCLA/SARA, RCRA, NEPA, and CEQA regulated projects. His experience includes remedial investigations/feasibility studies; risk assessments; soil, soil vapor, and groundwater assessments; contaminant fate and transport determinations; and contaminant delineation and treatment or removal. Other activities include watershed and wetlands investigations; siting investigations; forensic chemical investigations; and investigations using various investigative techniques.

Steve has worked with a range of commercial and industrial client sectors, with focus on construction related projects. His experience includes military/aerospace; semiconductor manufacturers; transportation (rail & vehicle); healthcare; petroleum (upstream, midstream, and downstream); property management, investment, development; and legal clients.

Steve conducts independent and peer review of documents for Quality Assurance/Quality Review requirements. QA/QC review is performed for a variety of client projects, including due diligence; soil, soil vapor, and groundwater assessments; compliance; O&M and remedial projects; and CEQA/NEPA projects. His experience with contaminants includes petroleum hydrocarbons; volatile organic compounds; semi-volatiles organics (including pesticides and PCBs); metals; radionuclides; and others.

Steve has participated as an expert for the California Board of Geology for determination of pass point criteria for multiple certifications.

EDUCATION

BA, Architecture, University of North Carolina, Charlotte, North Carolina, 1979

MS, Geology, Arizona State University, Tempe, Arizona, 1988

8-Hour Health & Safety Annual Certification Update, OSHA, Los Angeles, California, 2014

8-Hour Supervisor's Certification, OSHA, Los Angeles, California, 1990

40-Hour Health & Safety Certification (29 CFR 1910.120), OSHA, Los Angeles, California, 1989

REGISTRATIONS

Registered Geologist #50057, State of Arizona

Certified Hydrogeologist #542, State of California

Certified Engineering Geologist #2000, State of California

Professional Geologist #6031, State of California

MEMBERSHIPS

Member, Association of Water Agencies of Ventura County

Member, Geological Society of America

PROJECT EXPERIENCE

Aboveground and Underground Storage Tank Management

Underground Storage Tank Program Management for Major Oil Company Portfolios, Various Locations, California, Arizona, Nevada (Portfolio Manager)

Steve managed regional portfolios of site assessment and remediation projects at gasoline-dispensing facilities across the southwestern US. He was responsible for planning and implementing projects involving UST system closure, site assessment, remediation system design, construction management, operation-and-maintenance, and risk-based corrective action analysis. Tasks included collection of soil, soil vapor, and groundwater samples during assessments, UST removal activities, and after releases have been discovered, corrective action plan preparation, agency liaison, negotiations, and reporting, and remediation oversight.

** denotes projects completed with other firms*

The sites were located in a variety of geologic terrains ranging from fractured bedrock to alluvium, and the depth to groundwater ranged from a few feet to several hundred feet. Contaminants typically included separate-phase hydrocarbons (SPH) and dissolved-phase motor fuel constituents. Remediation technologies used to clean up the various leaking UST sites included excavation, ozone sparging, air sparging, biosparging, soil vapor extraction, bioventing, groundwater pump-and-treat, dual phase extraction, high vacuum dual phase extraction, and aboveground bioreactors (to treat higher concentration liquid effluent).

Agriculture

Agriculture Site Assessment, Monitoring, and Remedial Activities*, Santa Barbara, California (Project Manager)

Steve served as the project manager for the soil and groundwater site assessment, quarterly groundwater monitoring, and oversight of remedial activities at an agricultural site. The site encompasses more than 60 acres, with approximately 20 acres within the coastal zone of Santa Barbara. In addition to releases from pesticide and chemical storage areas, diesel boilers, and fuel tanks, large portions of the site consisted of undocumented landfills. An assessment of soil and groundwater was performed for the site, and the extent of both soil and groundwater contamination due to releases of fuels and chemicals was determined. Calculations of groundwater gradient and rates of contaminant flow in the subsurface were performed. Remedial action plans were developed and implemented to remove landfills from the site.

Agricultural Packing Plant SWPPP Development and Compliance Project* (Project Manager)

As project manager, Steve was responsible for site facility audits to evaluate potential discharge locations, development of best management practices recommendations, and development of a Storm Water Pollution Prevention Plan for submission to the lead regulatory agency.

Airports & Aviation

John Wayne Airport Soils and Groundwater Investigation* (Project Geologist)

Steve conducted characterization, delineation, and remediation of hydrocarbon and volatile organic contaminated soils and groundwater at Orange County's John Wayne Airport. Duties included development of site-specific work plans and health and safety plans; permitting, drilling and sampling soil borings; installation of groundwater monitoring wells; installation, maintenance, and monitoring of a groundwater treatment system; compilation and analysis of analytical results; and preparation of monthly and quarterly reports.

Norton Air Force Base Remedial Investigation*

Steve served as project manager for a fast-track remedial investigation supporting RCRA closure of Norton Air Force Base NPL site in San Bernardino, California. Initial tasks consisted of assessment and demolition of two hazardous material storage facility areas at the Base. Part of the DRMO, these two storage facilities received all hazardous materials generated at the Base. A site-specific Work Plan, Chemical Data Quality Management Plan, and Health and Safety Plan were developed and approved by the U.S. Army Corps of Engineers, U.S. Air Force, and the California EPA. Field activities consisted of wipe sampling of facility surfaces prior to demolition, demolition and salvage of building materials, drilling 33 subsurface borings, and collecting concrete core, asphalt, and subsurface materials to assess conditions at the site. Demolition of the buildings was completed in one day and salvage operations were performed concurrent with the site assessment. A report was developed detailing activities and recommendations, and Certification of Closure was performed as a final task.

March Air Force Base Site 17 Engineering Evaluation/Cost Analysis* (Deputy Project Manager)

Steve served as deputy project manager for an Engineering Evaluation/Cost Analysis (EE/CA) for remedial actions at March Air Force Base Site 17, an abandoned pool which was backfilled with hazardous waste. Duties consisted of research, analysis, and generation of a report which includes development of scope and schedule for removal action objectives adhering to statutory limits for removal actions; identification and analysis of removal action alternatives, including effectiveness, implementability, and cost; comparative analysis of remedial alternatives; and recommendations for removal actions.

** denotes projects completed with other firms*

Steven Brady PG, CEG, CHG

Managing Principal Hydrogeologist Technical Intro

Edwards Air Force Base and Phillips Laboratory Closure* (Project Manager)

Steve managed an expedited remedial investigation under the Installation Restoration Program for closure of Edwards Air Force Base, Phillips Laboratory OU4, Sites 7 and 167, the 48 acre beryllium storage and test firing range for the Phillips Laboratory. Site 7 was used to stockpile beryllium-contaminated soils after explosions destroyed buildings on the Site. Site 167 received beryllium fallout from test firings of rocket engines. Duties included development of the work, sampling and analysis, and Health and Safety Plans, which were reviewed and approved by the U.S. Army, the U.S. Air Force, and the U.S. EPA.

March Air Force Base, Hawes Site Closure*, San Bernardino County, California (Project Manager)

Steve managed a remedial investigation under the Installation Restoration Program for closure and property transfer of March Air Force Base, Hawes Site in San Bernardino County, California. The Hawes Site consists of a former auxiliary airport and radio tower, and encompasses approximately 305 acres of federally endangered species habitat. Initial duties included an endangered species survey of the Site, development of an endangered species Conservation Plan, and a geophysical survey of the Site. The Conservation Plan was reviewed and approved by the U.S. Fish and Wildlife Service. Site specific Work Plans, Sampling and Analysis Plans, and Health and Safety Plans were then developed for the Site and approved by the U.S. Army Corps of Engineers, the U.S. Air Force, the U.S. EPA, the California EPA, and the Regional Water Quality Control Board. The planning documents detailed protection of endangered species and assessment of potential contamination and closure of fuel and waste oil USTs, removal of septic tanks and leach fields, removal of underground tanks, geophysical logging and closure of the onsite water supply well, removal of numerous utility vaults, demolition and removal of a storage building, removal of scrap and debris from the Site, and asbestos abatement of the bunker and bunker area.

Brownfield Investment Property Fast-Track Investigation*, Santa Monica, California (Project Manager)

Steve served as project manager for a fast-track investigation on a Brownfield investment property that was formerly a portion of the original McDonnell Douglas Aircraft manufacturing facility in Santa Monica. Work plans were developed and approved by the client, property owner, and lender. Soil gas surveys and soil sampling assessments were performed to characterize the nature, levels, and potential sources of contamination at the site. The entire project was completed within three weeks and recommendations were provided to the client aimed at limiting future liability. Negotiation support was provided to assist in obtaining funding.

Former Military/Aerospace Manufacturer Remedial Oversight* (Project Manager)

Steve performed remedial oversight at a former military/aerospace manufacturer in Santa Ana, California. Extensive quantities of chlorinated solvents, metals, and fuels were released into subsurface soils and groundwater by a past military/aerospace tenant. Numerous remedial actions have been performed at the site. A summary report was developed detailing the nature and levels of contamination in the soil and groundwater aquifers, a summary of the prior assessments and remedial activities performed at the site, an opinion regarding the extent of contamination in the subsurface and different water-bearing zones, and an opinion regarding the adequacy of the former tenants proposed assessment and remedial activities. Assistance with negotiations with the tenant and the RWQCB regarding site remediation was provided.

Municipal Airports Fast-Track Compliance Audits and Evaluations, Various Locations (Project Manager)

Steve served as project manager for the fast-track compliance audits and historical evaluations of seven municipal airports in Southern California, Washington, and Pennsylvania. The project involved agency file and database research, historical document research, and site facility audits to determine compliance status with appropriate regulations, as well as generation of summary reports aimed at limiting future liability for the new operators at the airports.

** denotes projects completed with other firms*

Steven Brady PG, CEG, CHG

Managing Principal Hydrogeologist Technical Intro

Condition Assessments

Cave Creek Groundwater Mapping and Siting* (Project Manager)

Steve conducted mapping and siting of multiple groundwater production wells in Arizona for an assured water supply for the City of Cave Creek and in support of a proposed golf course and country club development. Well locations were selected and logging and evaluation of test boring conducted to more than 1,000-foot bgs. Screen depths were selected for the wells and oversight of well construction was completed.

Seismograph Station Siting* (Project Manager)

Steve conducted siting of multiple Seismograph Station arrays to locate significant, active fault segments in Central and Southern California meeting specific lithological criteria. The seismograph arrays were designed to obtain near-field seismic effects. The project involved review of numerous geologic and geotechnical reports, evaluation of data from existing seismograph arrays, field mapping and site reconnaissance, contact with property owners to obtain lease permits, and generation of a report detailing conclusions and recommendations.

Pacific Palisades Landslide and Contamination Investigation*, Los Angeles, California (Project Manager)

Steve served as the project manager for the geohydrologic and environmental portions of an investigation to evaluate landslide potential and potential soil and groundwater contamination for a proposed force main line in the Pacific Palisades for the City of Los Angeles, Geotechnical Services Division. Numerous ancient and historic landslides occur in the Pacific Palisades, many of which have activated due to the presence of high groundwater. The study required review and compilation of prior geotechnical and environmental data; geologic field mapping and surveying; geotechnical and environmental drilling, sampling, and chemical and physical analysis of soil and groundwater; review of historical and site-specific oblique, vertical, and infrared aerial photographs; data compilation and analysis; determination of groundwater sources; and map and report preparation with evaluation of alternatives and recommendations.

Methane and Leachate Collection Systems Investigation* (Project Manager)

An investigation of the methane and leachate collection systems operational at a golf and country club, on the site of a former landfill in the Santa Monica Mountains, was performed. An extensive review of available landfill and facility construction and monitoring data was conducted, as well as research on documentation available from the RWQCB, the Department of Fish & Game, and the US Army Corps of Engineers. Site and facility audits were performed to evaluate the present condition of the methane, gas condensate, and leachate collection systems. Conclusions and opinions were provided to the client concerning the operation, maintenance, and adequacy of the collection systems. Mitigative measures were recommended to the client aimed at limiting offsite migration of methane and improving water quality downgradient from the landfill.

UK and US Golf Course UST Compliance* (Project Manager)

Steve served as project manager for a compliance status summary of the underground storage tanks at 250 client-owned golf courses throughout the UK and US. The project involved review of tank data from the various courses and management/oversight of the development of a database that contained pertinent details including quantity of USTs and aboveground storage tanks, installation dates, and other tank/tank appurtenance information. The database allowed for searches and sorting to determine compliance with the US-EPA UST compliance deadline.

** denotes projects completed with other firms*

Steven Brady PG, CEG, CHG

Managing Principal Hydrogeologist Technical Intro

Environmental Site Assessments Phase I, II, III

Phase I ESAs and Liability Evaluation, Confidential Client, Multiple Foundries, Southern California

Steve was part of the Stantec team that completed concurrent Phase I ESAs and an overall evaluation of potential pollution liability for multiple foundries. The projects were completed during a business purchase transaction whereby the properties and their associated environmental liability would become the responsibility of the new land owner. At the time of evaluation, the foundry sites were each in various stages of environmental assessment and remediation, and under regulatory oversight by the Los Angeles Regional Water Quality Control Board (LARWQCB). The liability evaluations consisted of assessing the potential remaining environmental assessment and remediation that may be required by the LARWQCB, and development of potential costs associated with obtaining regulatory closure. Potential future environmental liabilities associated with purchasing the impacting properties and the foundry business operations were also included as they might pertain to the purchase of the business and its assets/liabilities. Because the projects were completed during the pre-transaction due diligence period, the projects were coordinated and completed within an expedited timeframe by a team of Stantec professionals across multiple offices.

Healthcare and/or Environmental Site Assessment Phase I, II, III, Various Locations, California, Oregon, and Washington (Project Manager)

Steve managed numerous Phase 1, Phase II, and remedial projects associated with property transfer and development for a major health care provider throughout California and the Pacific Northwest. Numerous specialized assessments have been conducted for various existing or planned hospitals, medical office buildings, and support facilities. These investigations have involved drilling and sampling of soil, soil vapor, and groundwater utilizing various techniques; installation and sampling of monitoring wells and calculated rates and direction of groundwater flow; location of contaminant sources; evaluation of facility usage, and Risk Assessments to document protection of human health for facility users and construction workers. Remediation of soil, soil vapor and groundwater have been performed, including underground storage tank removal, contaminated soil removal and treatment, and evaluation of best available technologies for remedial actions. Project support has involved negotiations with regulatory agencies, legal counsel, and property owners.

Retail Tire Facility and/or Environmental Site Assessment Phase I, II, III (Project Manager)

Steve served as Project Manager for numerous combined Phase I and Phase II environmental site assessments, groundwater monitoring, remedial actions, and reporting projects for a major retail tire facility. Projects generally included assessing the extent of contamination associated with hydraulic lifts, USTs, and other activities associated with operating a tire replacement facility, as well as remediating the extent of assessed contamination and negotiating cleanup levels with the local enforcement agencies.

Multiple Combined Phase I and II ESAs (Project Manager)

Steve served as Project Manager for numerous combined Phase I and Phase II environmental site assessments, groundwater monitoring, remedial actions, and reporting projects for a major retail tire facility. Projects generally included assessing the extent of contamination associated with hydraulic lifts, USTs, and other activities associated with operating a tire replacement facility, as well as remediating the extent of assessed contamination and negotiating cleanup levels with the local enforcement agencies.

Seven Oaks Dam Mitigation Property Environmental Assessment*, Redlands, California (Project Manager)

Steve served as the project manager for an environmental assessment of the 64-acre Seven Oaks Dam Mitigation property in the Santa Ana River Flood Channel, Redlands. The project consisted of a Phase I level site assessment and soil gas survey. The project involved research, historic air photo analysis, site reconnaissance and mapping, installation of soil gas monitoring wells, soil-gas sampling for volatile organics, data compilation and analysis, and preparation of a report detailing activities and conclusions.

** denotes projects completed with other firms*

Steven Brady PG, CEG, CHG

Managing Principal Hydrogeologist Technical Intro

Nike Site Environmental Assessment and Closure*, Puente Hills, California (Project Manager)

Steve served as the project manager for an environmental assessment aimed at gaining site closure for a 55-acre Nike missile battery located in the Puente Hills of Los Angeles County. The site consisted of three areas on two separated ridge tops; the administration area and launch area (also known as the Lower Site) were on one of the ridge tops, and the control area (also known as the Upper Site) was located on an adjacent ridge top. The Nike Site contained aboveground and underground storage tanks, a vehicle maintenance shop, underground missile storage and launch facilities, aboveground missile assembly, fueling, and testing facilities, surveillance facilities, barracks, and an underground network of tunnels. Duties consisted of research, negotiations with the Cal-EPA, development of Work Plans and Health and Safety Plans, geophysical and radiation surveys, drilling and sampling soil and bedrock, and sampling for asbestos containing building materials. Reports were developed detailing options and recommendations for property transfer of a complex military site.

Los Angeles and Ventura Counties Property Investigations and Transfers (Project Manager)

Steve served as project manager for commercial and industrial property transfers and litigation support in Los Angeles and Ventura Counties. Numerous specialized assessments have been conducted for various financial institutions. These investigations have involved drilling and sampling of soil and groundwater utilizing geoprobe, hydropunch, hollowstem auger, and other techniques; installation and sampling of monitoring wells and calculated rates and direction of groundwater flow; location of contaminant sources; and evaluation of facility usage, and Risk Assessments. Remediation of soils and groundwater have been performed, including underground storage tank removal, contaminated soil removal and treatment, and evaluation of best available technologies for remedial actions. Project support has involved negotiations with regulatory agencies, legal counsel, and property owners.

Telecommunication Property Site Assessment*, Santa Barbara, California (Project Manager)

Steve performed a subsurface soil and groundwater site assessment of a telecommunication property in Santa Barbara. Adjacent properties had released PCE and TCE into the subsurface soils and groundwater, but contamination at the site appeared disconnected from the larger plume originating offsite. A work plan and health and safety plan were developed and approved by the client and their corporate counsel. Multiple continuous-cored geoprobe borings were drilled and soil, soil vapor, and groundwater samples collected. Through analysis of the lithology, it was shown that the subsurface consisted of an ancient nearshore, lagoonal environment transected by stream channels. Two separated plumes were shown to occur at the site, with the larger plume derived from an offsite source and the smaller plume originating from onsite operations. A health-based risk assessment was performed for the property to determining appropriate cleanup levels.

Metal Stamping and Forming Facilities Property Transfer (Project Manager)

Steve served as project manager in support of property transfer of three metal stamping and forming facilities. Two of the sites were listed as potential contributors to the contamination in the San Gabriel Valley groundwater, with the third listed by the U.S. EPA as within the top 16 contributors to the groundwater contamination in the Baldwin Park Operable Unit (OU). Research was performed on the individual sites and their contribution to the San Gabriel Groundwater Basin contamination; on the nature and extent of contamination in the San Gabriel Valley Groundwater Basin; on the locations and calculated contributions to the contamination in the Baldwin Park OU from other known PRPs; and on the water delivery and remediation plans for the different San Gabriel Valley OUs, and in particular, in the Baldwin Park OU. Opinions were generated regarding potential future liability for ownership of each facility, and an evaluation of the sources of contamination found in the Baldwin Park OU was developed. Determinations of legal implications and calculations of environmental liability were performed, and a range of anticipated costs associated with ownership of the properties were presented. Results were used in negotiations for the properties. Facility audits were performed at each site, with recommendations provided for equipment and process upgrades, which were aimed at limiting future releases and overall liability.

** denotes projects completed with other firms*

Steven Brady PG, CEG, CHG

Managing Principal Hydrogeologist Technical Intro

Ventura County Phase I and II Site Assessments (Project Manager)

Steve managed multiple Phase 1 and 2 site assessments for coastal properties in Ventura County consisting of a power generating facility tank farm, hazardous materials storage area, agricultural, and degraded wetland areas to be acquired and restored to wetland conditions. The projects included research; soil, surface water, and groundwater sampling; assistance in property acquisition negotiations; and providing engineering geologic, hydrogeologic, and environmental and risk-based opinions ,and recommendations aimed at facilitating the property acquisition while limiting liability to the State of California. Participation on the project included oversight during tank farm and hazardous material storage area decommissioning and property restoration.

Environmental Site Remediation

South Gate Tank farm Closure Reports (Project Manager)

Steve developed remedial closure reports for a multiple-owner tank farm in the City of South Gate. To facilitate development of the property, the tank farm was split into four separate parcels. Remediation of the soils was performed, with impacted soils exceeding cleanup levels excavated and transported offsite, impacted soils within cleanup levels inhumed into a constructed soil repository, and clean soils reused during regrading activities. The project was estimated by prior consultants to cost more than $9 million to complete; however, the project was finished on an expedited basis and received RWQCB closure for approximately $1 million, a considerable savings to the client. Additionally, development of the property was performed on a parcel-by-parcel basis, allowing the City's contractor to begin development in a timely manner.

Healthcare

Confidential - Former NASA Industrial Facility, Hospital and MOB Redevelopment, Downey, California (Project Manager)

Steve was the project manager for a combined environmental and geotechnical evaluation of a former NASA industrial plant demolition and redevelopment as a hospital and medical office building complex. The NASA facility was utilized for Gemini, Apollo, and Space Shuttle testing, and included an airfield, hazardous material storage, and cryogenic and physical testing areas. The project involved historical research to locate former hazardous material usage and storage areas; drilling and sampling of soil, soil vapor, and groundwater to evaluate impacts; combining the geotechnical and environmental sampling for efficiency and cost savings; development of assessment and health risk (PEA) reports for submission to the DTSC; asbestos and hazardous material abatement reports for use for demolition purposes; geotechnical reports for site grading, foundation, pile, liner design, and backfill requirements; construction oversight; and participation with client legal counsel in negotiations with state regulatory agencies.

Justice

INS Border Patrol Stations Remedial Investigations* (Project Manager)

Steve served as the project manager for remedial investigations at the INS Border Patrol Stations in Campo and Calexico, California. Leaking underground fuel tanks had released significant quantities of gasoline into the subsurface and groundwater at each site. Unique, complex geohydrologic conditions occur in the subsurface, with groundwater contamination at the Campo site largely following an ancient buried river channel, but overflowing the subsurface "paleo-banks" during winter high water conditions. Groundwater contamination at the Calexico site occurred within interspersed sand lenses of a thick clayey (nearshore lacustrine) formation 10 feet below ground surface, and extends under a residential area. A geoprobe sampling device and onsite mobile laboratory was used to define the aerial extent of the groundwater plumes, and groundwater monitoring wells were installed for confirmation sampling and to determine groundwater gradient. Site specific Work Plans, Sampling and Analysis Plans, Health and Safety Plans, and reports detailing conclusions and recommendations were developed and approved by the U.S. Army Corps of Engineers for each major phase of the project. Negotiations with the lead regulatory agencies were performed on behalf of the INS.

** denotes projects completed with other firms*

Steven Brady PG, CEG, CHG

Managing Principal Hydrogeologist Technical Intro

Marine & Port Facilities

Port of Los Angeles As-Needed Environmental Services* (Project Manager)

Steve served as project manager for as-needed environmental services for the Port of Los Angeles. Duties included review and compilation of data from numerous prior reports into summary reports; and environmental drilling, sampling, and monitoring well installations at the proposed Terminal Island Container Transfer Facility (TICTF) to determine if contaminated soil occurred at hazardous levels, and the levels of volatile organic and metals contamination in the groundwater. A report detailing conclusions and recommendations was generated for the TICTF site. An additional study was performed at the Proposed Dry Bulk Handling facility to assess hydrocarbon and volatile organic contamination.

Los Angeles Harbor Department's Henry Ford Bridge Replacement Project* (Project Manager)

Steve served as project manager for a geologic, hydrologic, and contamination report for input to an EIR/EIS for the proposed Los Angeles Harbor Department's Henry Ford Bridge replacement project at the Port of Los Angeles. Duties included review of existing geologic, hydrologic, environmental data, and historical aerial photos; data compilation; seismic analysis; identification of impacts to the environment, workers, and the project; evaluation of mitigative measures; and report preparation.

Todd Pacific Shipyard Groundwater Investigation, Los Angeles, California (Field Manager and Technical Reviewer)

Steve served as field manager and technical reviewer for a soil and groundwater investigation at the Todd Pacific Shipyard at the Port of Los Angeles. The Shipyard was a 109-acre ship-building and repair facility at the Port. Responsibilities included management of the field sampling program at potential contamination sources such as machine pit, sumps, clarifiers, and dry wells in the maintenance/manufacturing buildings; drilling of shallow borings with limited access rigs at the targeted source areas; and collection of numerous groundwater samples at locations where suspected groundwater contamination might exist. In addition, quality control review of the reports developed for fire department and RWQCB compliance was also conducted.

Mixed-Use

Port of San Diego Rohr Facility, Chula Vista, California

Steve was responsible for a detailed subsurface assessment of the Rohr facility. The intent of the assessment was to evaluate the 40-acre former aircraft part manufacturing facility for acquisition by the Port of San Diego for redevelopment into a business park and entertainment complex. The assessment identified the presence of soil, soil vapor, and groundwater impacts by petroleum hydrocarbons, VOCs, heavy metals, PCBs, and semi-volatile organic compounds. He utilized many sampling techniques to assess the limits and concentrations of contaminants in the subsurface. Ultimately, the team was able to develop a cost estimate for potential remedial action cost associated to corrective action to allow redevelopment.

Oil & Gas

Retail Petroleum Stations Assessment and Remediation (Project Manager)

Steve managed numerous projects that involved assessment and remediation of petroleum releases at retail petroleum stations. Tasks included collection of soil, soil vapor, and groundwater samples during assessments, UST removal activities, and after releases have been discovered, corrective action plan preparation, periodic agency reporting, and remediation oversight. Remedial actions have included SVE with enhancement variations such as AS and biogac, total fluids extraction, oxygen releasing compounds, and excavation.

Ventura County Oil Fields* (Project Manager)

Steve prepared permit applications, FESOP reporting forms, Storm Water Pollution Prevention Plans, Storm Water Monitoring Plans, and Notices of Intent for two oil fields in Ventura County. The plans involved documenting past releases, mitigative measures to control future releases, details of sampling methodology and timing of sampling events, and development of summary tables and forms for field personnel to use as documentation for sampling during storm events.

** denotes projects completed with other firms*

Steven Brady PG, CEG, CHG

Managing Principal Hydrogeologist Technical Intro

Power Transmission & Distribution

PG&E Former G Street Substation, Fresno, California, Fresno, California

Steve was part of a team in conjunction with the DTSC to oversee investigation and cleanup, with the ultimate goal of certifying the site for unrestricted use. He completed a Preliminary Endangerment Assessment (PEA) that included a human health risk assessment (HHRA) and development of site-specific cleanup goals for constituents of concern. Following review of the PEA and feedback from DTSC, cleanup goals for lead, arsenic, PCBs, benzo(a)pyrene, and petroleum hydrocarbons in soil were approved by DTSC. We prepared a Removal Action Work (RAW) plan that recommended site-wide excavation of soils to approximately 1.5 feet to meet the cleanup goals. The DTSC approved the RAW and the excavation was completed in June 2009. During the remediation phase, he worked closely with DTSC staff to respond to changing field conditions. The remedial action was approved by DTSC in January 2010, and the site was certified for unrestricted use.

Retail / Commercial

Dry Cleaning Facility Assessment and Audit* (Project Manager)

Steve served as project manager for the soil and groundwater assessment, facility audit, and oversight of remedial activities at an active dry cleaning facility. Releases of PCE from older dry cleaning equipment and drum storage locations were investigated and the extent of both soil and groundwater contamination due to the releases was determined. Groundwater samples were also collected from perched zones and from below the groundwater table using a hydropunch sampling tool. Calculations of attenuation factors and PCE cleanup levels were performed using the LA RWQCB's Interim Guidance for VOC Impacted Sites.

Roadways

Cajalco Transportation Corridor EIR Investigation* (Project Geologist)

Steve developed the geologic portion of an EIR investigation for the proposed Cajalco Transportation Corridor. Duties included review of existing geologic and geotechnical information; review of historical and project specific vertical stereographic photographs; geologic field reconnaissance; slope stability and seismic considerations; identification of impacts and evaluation of mitigative measures; and preparation and submittal of a report and maps presenting geologic units, existing landslides, and potential constraints. In addition, preliminary environmental data was compiled and provided to the design team for evaluation of the different corridor segments.

California SR125 Corridor Site Investigation and Assessment* (Project Manager)

Steve served as project manager for a geologic/geotechnical investigation and hazardous materials assessment for the California SR 125 Corridor. The purpose of the study was to provide geologic, geotechnical, and environmental input for an EIR/EIS document consistent with Caltrans requirements to the engineering team evaluating the various alignment alternatives. The project included an environmental assessment, geologic reconnaissance, and seismic analysis of the alignment and alternatives. A contingency plan was developed for managing hazardous materials during road construction.

Foothill Transportation Corridor Geotechnical Investigation*, Orange County, California (Project Geologist)

Steve performed geologic portions of a geotechnical investigation for the proposed Foothill Transportation Corridor through in Orange County. The investigation provided geotechnical design criteria for proposed bridges, highway embankments, and appurtenant structures. Duties included coordination of services, supervision of geologic field and trench mapping, down-hole logging of borings to 175 feet below ground surface, determination of groundwater depth and gradient, compilation of data and maps, and report preparation.

** denotes projects completed with other firms*

Steven Brady PG, CEG, CHG

Managing Principal Hydrogeologist Technical Intro

Transit

San Diego Mission Valley Commuter Rail Alignments and Alternatives Site Assessments* (Project Manager)

Steve served as project manager for Site Assessments on the San Diego Mission Valley East and Mission Valley West commuter rail alignments and alternatives. Duties included development of Phase I alignment reports for the projects, including detailed environmental evaluation of alternatives with recommendations, and liaison with MTDB real estate and geotechnical design staff and local regulatory agencies. Each report involved research and government/regulatory database searches, historic air photo analysis, site reconnaissance, property owner interviews, generation of alignment maps indicating problematic areas, and detailed conclusions and recommendations. Additional assignments for the MTDB included peer review of other consultant's work and management of construction monitoring services for the MTDB's Cuyamaca Street Improvements project.

Los Angeles County Metropolitan Transportation Authority (MTA) Environmental Services* (In-House Project Manager)

Steve served as the in-house project manager for MTA environmental services. He provided coordination and management of due diligence activities for the Phase I, II, and III site assessments on SPTCo, AT&SF, UPRR, and adjacent properties, as well as individual and multiple parcel acquisitions. Duties consisted of generation of RFP scope-of-work and engineer's estimates for environmental and hydrogeologic investigations; evaluation of consultants reports and raw data; recommendations concerning liability and effects of soil and groundwater contamination on the proposed and ongoing rail line, station, and tunneling projects; recommendations for remedial actions/mitigative measures for each project; liaison with MTA Staff and legal council; and negotiations with property owners and regulatory agencies to set project cleanup criteria for contaminated sites. A commendation was received from the MTA for the work performed on this contract. Steve also managed site assessments on more than 300 miles of MTA corridor right-of-way, as well as performed specialized assessments for individual parcels. Conclusions and recommendations provided were used for property negotiations. In addition, Steve was the response team manager for MTA Real Estate and METROLINK division of the MTA.

Monitoring Well Abandonment and Closure Activities – Moorpark Maintenance Facility, Ventura County, California (Project Manager and Director)

Steve managed and directed monitoring well abandonment and closure activities for the Caltrans Moorpark Maintenance Facility located in Ventura County. Seven onsite groundwater monitoring wells were abandoned in accordance with State of California Water Well Standards (Bulletins 74-81 and 74-90), by over-drilling with a hollow-stem auger to approximately 50 feet below ground surface and backfilling the boreholes with a cement/bentonite grout mixture. Following the completion of abandonment activities, he coordinated waste removal activities. All waste was properly disposed/recycled in accordance with all applicable Federal, State, and local regulations. Upon completion of all field activities, Steve prepared and submitted a Well Destruction Report to the Ventura County Department of Public Works Water Resources Division and the Los Angeles Regional Water Quality Control Board. Agency closure from the Ventura County Environmental Health Division was received for the Moorpark Maintenance Facility.

Groundwater Monitoring, Abandonment, and Closure Activities - Big Sycamore Maintenance Facility, Ventura County, California (Project Manager and Director)

Steve managed and directed semiannual groundwater sampling and reporting for the Caltrans Big Sycamore Maintenance Facility located in Ventura County. Groundwater sampling and reporting were required to maintain compliance with Ventura County Environmental Health Division (VCEHD) mandates. Prior to the commencement of field activities, he reviewed the County-approved Work Plan, prepared a Site-Specific Health and Safety Plan for groundwater monitoring activities, retained a Caltrans-approved and CDOHS-accredited analytical laboratory, and provided notification to the VCEHD inspector at least 48 hours in advance of each sampling event. Upon completion of each groundwater monitoring event, Steve prepared and submitted a Groundwater Monitoring Report to the VCEHD. Based on favorable results from groundwater monitoring activities, VCEHD recommended site closure to the Los Angeles Regional Water Quality Control Board.

** denotes projects completed with other firms*

Additionally, Steve conducted monitoring well abandonment and closure activities for the Caltrans Big Sycamore Maintenance Facility. Eight onsite groundwater monitoring wells were abandoned in accordance with State of California Water Well Standards by over-drilling with a hollow-stem auger to approximately 35 feet below ground surface and backfilling the boreholes with a cement/bentonite grout mixture. Following the completion of abandonment activities, he coordinated waste removal activities. All waste was properly disposed/recycled in accordance with all applicable Federal, State, and local regulations.

Groundwater Monitoring – Ojai Maintenance Facility, Ventura County, California (Project Manager and Director)

Steve managed and directed semiannual groundwater sampling and reporting for the Caltrans Ojai Maintenance Facility located in Ventura County. Groundwater sampling and reporting were required to maintain compliance with Ventura County Environmental Health Division (VCEHD) mandates. The groundwater monitoring activities were completed in accordance with the requirements of the Ventura County Leaking Underground Fuel Tank (LUFT) Guidance Manual (Fourth Edition, April 2001). Following the completion of sampling activities Steve coordinated waste removal activities. All waste was properly disposed/recycled in accordance with all applicable Federal, State, and local regulations. Upon completion of each groundwater monitoring event, he prepared and submitted a Groundwater Monitoring Report to the VCEHD.

Groundwater Monitoring and Assessment Activities – Ventura Maintenance Facility, Ventura, California (Project Manager and Director)

Steve managed and directed semiannual groundwater sampling and reporting for the Caltrans Ventura Maintenance Facility located in Ventura County. Groundwater sampling and reporting were required to maintain compliance with Ventura County Environmental Health Division (VCEHD) mandates. Prior to the commencement of field activities, he reviewed the County-approved work plan, prepared a Site-Specific Health and Safety Plan for groundwater monitoring activities, retained a Caltrans-approved and CDOHS-accredited analytical laboratory, and provided notification to the inspector 48 hours in advance of each sampling event. Upon completion of each groundwater monitoring event, Steve prepared and submitted a Groundwater Monitoring Report to the VCEHD.

Additional assessment required by the VCEHD included evaluation of soil and groundwater to evaluate whether released had also occurred from the waste oil tank. The scope of work was developed for the advancement of eight soil borings around the waste oil tank. Upon completion of all field activities, prepared and submitted a Waste Oil Tank Area Assessment Report to the VCEHD

Limited Site Investigation and Reporting – Altadena and Newhall Maintenance Facilities, Los Angeles County, California (Project Manager)

Steve managed implementation of a limited site investigation and reporting project for the Caltrans Altadena and Newhall Maintenance Facilities for the evaluation of potential impacts near the former USTs. These investigations were conducted in order to maintain compliance with County of Los Angeles Department of Public Works mandates. Steve was liaison with the lead regulatory agency, oversaw field activities and prepared Subsurface Investigation reports documenting field procedures, evaluating analytical results, and recommending no further action (NFA) status from the Los Angeles County Department of Public Works.

Transit-Oriented Development

Limited Site Investigation and Reporting - Altadena and Newhall Maintenance Facilities, Los Angeles County, California (Project Manager)

Steve managed implementation of a limited site investigation and reporting project for the Caltrans Altadena and Newhall Maintenance Facilities for the evaluation of potential impacts near the former USTs. These investigations were conducted in order to maintain compliance with County of Los Angeles Department of Public Works mandates. Steve was liaison with the lead regulatory agency, oversaw field activities and prepared Subsurface Investigation reports documenting field procedures, evaluating analytical results, and recommending no further action (NFA) status from the Los Angeles County Department of Public Works.

Steven Brady PG, CEG, CHG

Managing Principal Hydrogeologist Technical Intro

Water

Santa Clara River Watershed Hydrogeologic and Hydrologic Evaluation*

Steve served as a member of the project team evaluating the hydrogeologic and hydrologic conditions within portions of the Santa Clara River watershed. An extensive water budget analysis was performed on individual watersheds and contributory streams to the eastern groundwater basin, as well as for the entire groundwater basin, of the Santa Clara River, to estimate volumes of available water at any portion of the Basin.

Calleguas Creek Watershed Management Planning Habitat and Recreation and Water Quality Subcommittees (Geologic and Hydrogeologic Engineer)

Steve participated as a member of the Calleguas Creek Watershed Management Planning Habitat and Recreation and Water Quality Subcommittees.He provided engineering geologic and hydrogeologic opinions and recommendations to the committees aimed at consensus for management and obtainment of numerous conflicting goals of the various stakeholders. Additionally, he served on the Calleguas Creek wetlands restoration team for the California Coastal Conservancy identifying wetlands restoration candidates in the watershed.

Calleguas Creek/Ormond Beach Wetlands, Oxnard, California (Project Manager)

Steve managed multiple site assessments and risk evaluations for the acquisition of coastal and proposed wetland restoration properties in Ventura County. Properties included tank farms, hazmat storage areas, degraded wetlands, and agricultural land. Projects included oversight of tank farm decommissioning, remedial cost estimates and recommendations.

** denotes projects completed with other firms*

Thomas R. Szocinski

Senior Environmental Scientist

Thomas has more than 14 years of professional environmental consulting experience focusing on vapor intrusion, remediation, underground storage tank management, Brownfield Site management, and various subsurface environmental investigations throughout the United States, including RCRA, NEPA, and CERCLA/SARA regulated sites. He is a certified environmental professional (CEP) and a certified vapor mitigation inspector and specialist, having designed and implemented numerous vapor mitigation systems throughout the United States. In 2014, Thomas was appointed by the Michigan Department of Environmental Quality (MDEQ) to the Vapor Intrusion Technical Advisory Group (TAG) to assist in the review of MDEQ's current vapor intrusion criteria.

Thomas has also worked on complex remediation projects, including NPL sites, and has implemented various insitu technologies including: soil vapor extraction (SVE), air sparging (AS), active ventilation/mitigation, injection, and enhanced fluid recovery/aggressive fluid vapor recovery (EFR/AFVR).

EDUCATION

AA, Natural Science, Lake Superior State University, Sault Ste. Marie, MI, 2000

BS, Environmental/Criminal Law, Lake Superior State University, Sault Ste. Marie, MI, 2001

MEMBERSHIPS

Member, ASTM International

Member, The Academy of Board Certified Environmental Professionals

AWARDS

2011 Phoenix Award – Brownfield Redevelopment, Piquette Square - Detroit, Michigan

2015 Grand Prize Phoenix Award – Brownfield Redevelopment, Medical Supply Warehouse – Detroit, Michigan

PROJECT EXPERIENCE

Landfill Gas Collection and Control

Municipal Landfill*, Mount Clemens, Michigan

(Project Manager)

Thomas was the project manager for this project. Extensive remedial investigations were conducted to evaluate the extent of the landfill. Thomas designed and implemented a pilot study to collect the necessary data to design an active mitigation system. In 2011 and 2012, he worked in collaboration with the US Environmental Protection Agency (USEPA) to design and implement the active methane ventilation system within the landfill located near existing residential complexes to collect subsurface gases. The system extracts subsurface gases, including methane, by actively drawing from these designated locations. The subsurface gases are then directed to a self-igniting flare to burn off the methane and exhaust innocuously to the atmosphere. Throughout this process, Thomas was the lead technical negotiator for the municipality with USEPA, MDEQ, the Agency for Toxic Substances and Disease Registry (ASTDR), the Michigan State Housing Development Authority (MSHDA), the County Health Department, and the US Department of Housing and Urban Development (HUD).

** denotes projects completed with other firms*

Thomas R. Szocinski

Senior Environmental Scientist

Environmental Mitigation and Monitoring

Northville Garage Restaurant*, Northville, Michigan (Project Manager/Vapor Mitigation Specialist)

A former auto service and dry cleaning facility was redeveloped into a restaurant in Northville, Michigan. Environmental investigations identified petroleum and chlorinated volatile organic compounds (VOCs) at concentrations which posed a threat to indoor air quality. Thomas worked with MDEQ and local municipalities on designing and implementing a vapor mitigation system for the development. The site has since gone on to obtain national recognition and references by both the MDEQ and USEPA as a successful Brownfield redevelopment and vapor mitigation site.

Piquette Square Brownfield*, Detroit, Michigan (Vapor Intrusion Specialist)

A former vehicle manufacturing facility (Studebaker factory 1910) site was redeveloped by a non-profit organization into a Veteran's Memorial Service center in Detroit, Michigan. Environmental investigations identified VOCs at concentrations which posed a threat to indoor air quality. Thomas worked with MDEQ and MSHDA on designing and implementing a vapor mitigation system for the development. In 2011 the Piquette Square project earned the Phoenix Award.

Medical Supply Warehouse Vapor Mitigation System*, Detroit, Michigan (Vapor Mitigation Specialist)

A newly constructed 275,000 square foot medical supply distribution facility opened in May 2015 where once a blighted Detroit neighborhood stood. The redevelopment incorporates many state-of-the-art design elements including one of the largest passive vapor mitigation systems in the country.
The site had several historical operations which included fuel storage operations, a rail yard, paint shops and commercial structures. Subsurface investigations within the area identified VOCs, including chlorinated solvents within the soil and soil gas, which posed a potential risk to the indoor air quality of the proposed medical supply warehouse facility. As part of the development a passive vapor mitigation system was designed by Thomas, which included a redundant ventilation and barrier system. Post-installation smoke and pressure testing were completed to ensure optimum sub-surface ventilation and barrier performance.

The Medical Supply Warehouse earned multiple National Awards, including: Phoenix Award, Redevelopment & Renewal Environmental Impact Award, People's Choice Award, and the overall Grand Prize Award at EPA's 2015 National Brownfield Conference. Thomas worked directly with the MDEQ for design approval and installation oversight.

Site Management & Remediation

Manufacturing Facility Insitu Remediation*, Hastings, Michigan (Project Manager)

Manufacturing facility had a release from their current underground storage tank (UST). A nearby down-gradient stream posed an immediate concern to the facility and immediate actions were taken to monitoring and remediate the release. The petroleum release was adjacent to the existing manufacturing building; however it extended beneath the building foundation as well. Through successful coordination and management with the client, MDEQ, and the environmental insurance agents, Thomas was able to prepare a plausible response action to address the release and meet the objectives for all parties involved.
Extensive environmental assessments were conducted on the project property and remediation activities which included the closure of the UST, hydro-excavation of the accessible soils, groundwater monitoring, and insitu remediation using Regenesis' PetroCleanze®.
In 2014, as a result of the significant reductions in both soil and groundwater contamination, MDEQ approved restricted UST closure for the petroleum release with no further action required.

** denotes projects completed with other firms*

Thomas R. Szocinski

Senior Environmental Scientist

PUBLICATIONS

Clear Cutting – Habitat Benefits and Purpose. *Michigan Outdoor News*, 2006.

Vapor Intrusion. *Michigan Association of Environmental Professionals*, 2013.

MDEQ Director's Meeting – Vapor intrusion. *Michigan Department of Environmental Quality*, 2013.

Updating Part 201 Vapor Intrusion Criteria. *Michigan Department of Environmental Quality*, 2014.

Vapor Intrusion Site Evaluation – Is Mitigation Always Necessary?. *Michigan Association of Environmental Professionals*, 2015.

Appendix C
USER PROVIDED RECORDS

Appendix D
ENVIRONMENTAL AGENCY DATABASE SEARCH REPORT

Scholl Canyon Landfill
7721 North Figueroa Street
Los Angeles, CA 90041

Inquiry Number: 4407421.2s
September 10, 2015

The EDR Radius Map™ Report with GeoCheck®

EDR® Environmental Data Resources Inc

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

TABLE OF CONTENTS

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

7721 NORTH FIGUEROA STREET
LOS ANGELES, CA 90041

COORDINATES

Latitude (North):	34.1505000 - 34° 9' 1.80''
Longitude (West):	118.1901000 - 118° 11' 24.36''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	390285.6
UTM Y (Meters):	3779288.0
Elevation:	1176 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5636829 PASADENA, CA
Version Date:	2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20120505
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
7721 NORTH FIGUEROA STREET
LOS ANGELES, CA 91206

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	SCHOLL CYN LANDFILL	7721 FIGUEROA ST	WDS		TP
A2	SCHOLL CANYON LANDFI	7721 N. FIGUEROA STR	FINDS		TP
A3	SCHOLL CYN LANDFILL	7721 FIGUEROA ST	WMUDS/SWAT		TP
A4	SCHOLL CANYON LANDFI	7721 NORTH FIGUEROA	HAZNET		TP
A5	SCHOLL CANYON LANDFI	7721 N FIGUEROA ST	LOS ANGELES CO. HMS		TP
A6	SCHOLL CANYON PARTNE	7721 N FIGUEROA	HAZNET		TP
A7	SCOLL CANYON PARTNER	7721 N FIGUEROA ST	HAZNET		TP
A8		7721 N FIGUEROA	ERNS		TP
A9	SCHOLL CANYON LANDFI	7721 N FIGUEROA ST	SWF/LF, SWEEPS UST, HIST UST, CA FID UST		TP
A10	SCHOLL LDFL	7721 N FIGUEROA	CERC-NFRAP		TP
A11	SCHOLL CANYON LANDFI	7721 FIGUEROA	LDS		TP
A12		7721 NORTH FIGUEROA	CHMIRS		TP
13	METROPOLITAN WATER D	7800 N FIGUEROA ST	UST	Lower	191, 0.036, SE
B14	SCHOLL CANYON LANDFI	3001 SCHOLL CANYON R	RCRA-SQG, FINDS, HAZNET	Higher	223, 0.042, WNW
B15	LA CO, SANITATION DI	3001 SCHOLL CANYON R	SWF/LF, EMI, Financial Assurance, LOS ANGELES CO....	Higher	223, 0.042, WNW
B16	SCHOLL CANYON LDFL	3001 SCHOLL CANYON R	RCRA-SQG, US AIRS	Higher	223, 0.042, WNW
C17	SOUTHERN CAL EDISON	7888 N FIGUEROA ST	SWEEPS UST	Lower	1149, 0.218, ESE
C18	EAGLE ROCK SUBSTATIO	7888 N FIGUEROA ST	HIST UST	Lower	1160, 0.220, East
C19	SO CAL EDISON CO	7888 N FIGUEROA ST	SWEEPS UST, CA FID UST, EMI, LOS ANGELES CO. HMS	Lower	1160, 0.220, East
D20	DEPARTMENT OF WATER	5403 HILLMONT AVE	SWEEPS UST, CA FID UST	Lower	1165, 0.221, South
D21	EAGLE ROCK CHLORINE	5403 HILLMONT AVE	HIST UST	Lower	1165, 0.221, South
D22	HILLMONT PUMP STATIO	5403 HILLMONT AVE	UST, HIST UST	Lower	1165, 0.221, South
E23	EAGLE ROCK TRIANGLE	1000 COLORADO BLVD	LUST	Lower	2260, 0.428, South
E24	EAGLE ROCK TRIANGLE	1000 COLORADO BLVD	LUST, SWEEPS UST, CA FID UST, HIST CORTESE, LA Co....	Lower	2260, 0.428, South
25	MOBIL #11-H3K	1600 HILL	HIST CORTESE	Lower	2639, 0.500, WSW
26	SPENCE PROPERTY AKA	7047-7051 NORTH FIGU	RESPONSE, ENVIROSTOR, LIENS, Cortese	Lower	5101, 0.966, South

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

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

Site	Database(s)	EPA ID
SCHOLL CYN LANDFILL 7721 FIGUEROA ST GLENDALE, CA 90041	WDS Facility Status: A Facility Id: 4B190322007	N/A
SCHOLL CANYON LANDFI 7721 N. FIGUEROA STR LOS ANGELES, CA 90041	FINDS Registry ID:: 110043804942	N/A
SCHOLL CYN LANDFILL 7721 FIGUEROA ST GLENDALE CA, CA 90041	WMUDS/SWAT	N/A
SCHOLL CANYON LANDFI 7721 NORTH FIGUEROA LOS ANGELES, CA 90041	HAZNET GEPAID: CAL000012959	N/A
SCHOLL CANYON LANDFI 7721 N FIGUEROA ST GLENDALE, CA	LOS ANGELES CO. HMS Facility ID: 033065-054815	N/A
SCHOLL CANYON PARTNE 7721 N FIGUEROA LOS ANGELES, CA 90041	HAZNET GEPAID: CAC001265832	N/A
SCOLL CANYON PARTNER 7721 N FIGUEROA ST LOS ANGELES, CA 90041	HAZNET GEPAID: CAC002596192	N/A
7721 N FIGUEROA 7721 N FIGUEROA LOS ANGELES, CA 90041	ERNS EDR ID:: 786641	N/A
SCHOLL CANYON LANDFI 7721 N FIGUEROA ST LOS ANGELES, CA 90041	SWF/LF Site ID: 19 Status: Active SWEEPS UST	N/A

EXECUTIVE SUMMARY

	Comp Number: 349 HIST UST Facility Id: 00000003975 CA FID UST Facility Id: 19038002 Status: A	
SCHOLL LDFL 7721 N FIGUEROA LOS ANGELES, CA 90041	CERC-NFRAP Site ID: 0901768 EPA Id: CAD980498927	CAD980498927
SCHOLL CANYON LANDFI 7721 FIGUEROA GLENDALE, CA 90041	LDS Global Id: L10009414153 Status: Open - Verification Monitoring	N/A
7721 NORTH FIGUEROA 7721 NORTH FIGUEROA LOS ANGELES, CA 90041	CHMIRS OES Incident Number: 6-0634	N/A

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

Federal CERCLIS list

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

Federal RCRA CORRACTS facilities list

CORRACTS ---------- Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF ---------- RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG ---------- RCRA - Large Quantity Generators
RCRA-CESQG ---------- RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

LUCIS ---------- Land Use Control Information System
US ENG CONTROLS ---------- Engineering Controls Sites List
US INST CONTROL ---------- Sites with Institutional Controls

State and tribal leaking storage tank lists

INDIAN LUST ---------- Leaking Underground Storage Tanks on Indian Land
SLIC ---------- Statewide SLIC Cases

State and tribal registered storage tank lists

FEMA UST ---------- Underground Storage Tank Listing
AST ---------- Aboveground Petroleum Storage Tank Facilities
INDIAN UST ---------- Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

INDIAN VCP ---------- Voluntary Cleanup Priority Listing
VCP ---------- Voluntary Cleanup Program Properties

State and tribal Brownfields sites

BROWNFIELDS ---------- Considered Brownfieds Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ---------- A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY ---------- Recycler Database
HAULERS ---------- Registered Waste Tire Haulers Listing
INDIAN ODI ---------- Report on the Status of Open Dumps on Indian Lands
ODI ---------- Open Dump Inventory
DEBRIS REGION 9 ---------- Torres Martinez Reservation Illegal Dump Site Locations

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL ---------- National Clandestine Laboratory Register
AOCONCERN ---------- San Gabriel Valley Areas of Concern

HIST Cal-Sites	Historical Calsites Database
SCH	School Property Evaluation Program
CDL	Clandestine Drug Labs
Toxic Pits	Toxic Pits Cleanup Act Sites
US CDL	Clandestine Drug Labs

Local Land Records

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

Records of Emergency Release Reports

HMIRS	Hazardous Materials Information Reporting System
MCS	Military Cleanup Sites Listing
SPILLS 90	SPILLS 90 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR	RCRA - Non Generators / No Longer Regulated
FUDS	Formerly Used Defense Sites
DOD	Department of Defense Sites
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR	Financial Assurance Information
EPA WATCH LIST	EPA WATCH LIST
2020 COR ACTION	2020 Corrective Action Program List
TSCA	Toxic Substances Control Act
TRIS	Toxic Chemical Release Inventory System
SSTS	Section 7 Tracking Systems
ROD	Records Of Decision
RMP	Risk Management Plans
RAATS	RCRA Administrative Action Tracking System
PRP	Potentially Responsible Parties
PADS	PCB Activity Database System
ICIS	Integrated Compliance Information System
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS	Material Licensing Tracking System
COAL ASH DOE	Steam-Electric Plant Operation Data
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
RADINFO	Radiation Information Database
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS	Incident and Accident Data
CONSENT	Superfund (CERCLA) Consent Decrees
INDIAN RESERV	Indian Reservations
UMTRA	Uranium Mill Tailings Sites
LEAD SMELTERS	Lead Smelter Sites
US AIRS	Aerometric Information Retrieval System Facility Subsystem
US MINES	Mines Master Index File
CA BOND EXP. PLAN	Bond Expenditure Plan
Cortese	"Cortese" Hazardous Waste & Substances Sites List
CUPA Listings	CUPA Resources List
DRYCLEANERS	Cleaner Facilities

EMI Emissions Inventory Data
ENF Enforcement Action Listing
Financial Assurance Financial Assurance Information Listing
HWP EnviroStor Permitted Facilities Listing
HWT Registered Hazardous Waste Transporter Database
MINES Mines Site Location Listing
MWMP Medical Waste Management Program Listing
NPDES NPDES Permits Listing
PEST LIC Pesticide Regulation Licenses Listing
PROC Certified Processors Database
Notify 65 Proposition 65 Records
LA Co. Site Mitigation Site Mitigation List
UIC UIC Listing
WASTEWATER PITS Oil Wastewater Pits Listing
WIP Well Investigation Program Case List

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP EDR Proprietary Manufactured Gas Plants
EDR US Hist Auto Stat EDR Exclusive Historic Gas Stations
EDR US Hist Cleaners EDR Exclusive Historic Dry Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF Recovered Government Archive Solid Waste Facilities List
RGA LUST Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA generators list

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA)

of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 03/10/2015 has revealed that there are 2 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SCHOLL CANYON LANDFI	***3001 SCHOLL CANYON R***	***WNW 0 - 1/8 (0.042 mi.)***	***B14***	***18***
SCHOLL CANYON LDFL	***3001 SCHOLL CANYON R***	***WNW 0 - 1/8 (0.042 mi.)***	***B16***	***34***

State- and tribal - equivalent NPL

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

A review of the RESPONSE list, as provided by EDR, and dated 08/03/2015 has revealed that there is 1 RESPONSE site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
SPENCE PROPERTY AKA	***7047-7051 NORTH FIGU***	***S 1/2 - 1 (0.966 mi.)***	***26***	***64***
Status: Active				
Facility Id: 60000305				

State- and tribal - equivalent CERCLIS

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

A review of the ENVIROSTOR list, as provided by EDR, and dated 08/03/2015 has revealed that there is 1 ENVIROSTOR site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
SPENCE PROPERTY AKA	***7047-7051 NORTH FIGU***	***S 1/2 - 1 (0.966 mi.)***	***26***	***64***
Facility Id: 60000305				
Status: Active				

EXECUTIVE SUMMARY

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

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Integrated Waste Management Board's Solid Waste Information System (SWIS) database.

A review of the SWF/LF list, as provided by EDR, and dated 08/17/2015 has revealed that there is 1 SWF/LF site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LA CO, SANITATION DI Facility ID: 19-AA-0012 Operational Status: Active Regulation Status: Permitted	***3001 SCHOLL CANYON R***	***WNW 0 - 1/8 (0.042 mi.)***	***B15***	***22***

State and tribal leaking storage tank lists

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 06/15/2015 has revealed that there are 2 LUST sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
EAGLE ROCK TRIANGLE Facility Id: 900410061 Status: Case Closed Global ID: T0603700992	1000 COLORADO BLVD	S 1/4 - 1/2 (0.428 mi.)	E23	60
EAGLE ROCK TRIANGLE Status: Completed - Case Closed Global Id: T0603700992	***1000 COLORADO BLVD***	***S 1/4 - 1/2 (0.428 mi.)***	***E24***	***61***

State and tribal registered storage tank lists

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

A review of the UST list, as provided by EDR, and dated 06/15/2015 has revealed that there are 2 UST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
METROPOLITAN WATER D Facility Id: 25344	7800 N FIGUEROA ST	SE 0 - 1/8 (0.036 mi.)	13	18
HILLMONT PUMP STATIO Facility Id: 25250	***5403 HILLMONT AVE***	***S 1/8 - 1/4 (0.221 mi.)***	***D22***	***60***

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Registered Storage Tanks

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

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

Lower Elevation	Address	Direction / Distance	Map ID	Page
SOUTHERN CAL EDISON Status: A Comp Number: 13244	7888 N FIGUEROA ST	ESE 1/8 - 1/4 (0.218 mi.)	C17	56
SO CAL EDISON CO Comp Number: 6915	***7888 N FIGUEROA ST***	***E 1/8 - 1/4 (0.220 mi.)***	***C19***	***57***
DEPARTMENT OF WATER Status: A Tank Status: A Comp Number: 3912	***5403 HILLMONT AVE***	***S 1/8 - 1/4 (0.221 mi.)***	***D20***	***58***

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 3 HIST UST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
EAGLE ROCK SUBSTATIO Facility Id: 00000022226	7888 N FIGUEROA ST	E 1/8 - 1/4 (0.220 mi.)	C18	56
EAGLE ROCK CHLORINE Facility Id: 00000064824	5403 HILLMONT AVE	S 1/8 - 1/4 (0.221 mi.)	D21	59
HILLMONT PUMP STATIO Facility Id: 00000064896	***5403 HILLMONT AVE***	***S 1/8 - 1/4 (0.221 mi.)***	***D22***	***60***

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

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there are 2 CA FID UST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
SO CAL EDISON CO Facility Id: 19054559 Status: I	***7888 N FIGUEROA ST***	***E 1/8 - 1/4 (0.220 mi.)***	***C19***	***57***
DEPARTMENT OF WATER	***5403 HILLMONT AVE***	***S 1/8 - 1/4 (0.221 mi.)***	***D20***	***58***

Facility Id: 19013342
Status: A

Other Ascertainable Records

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

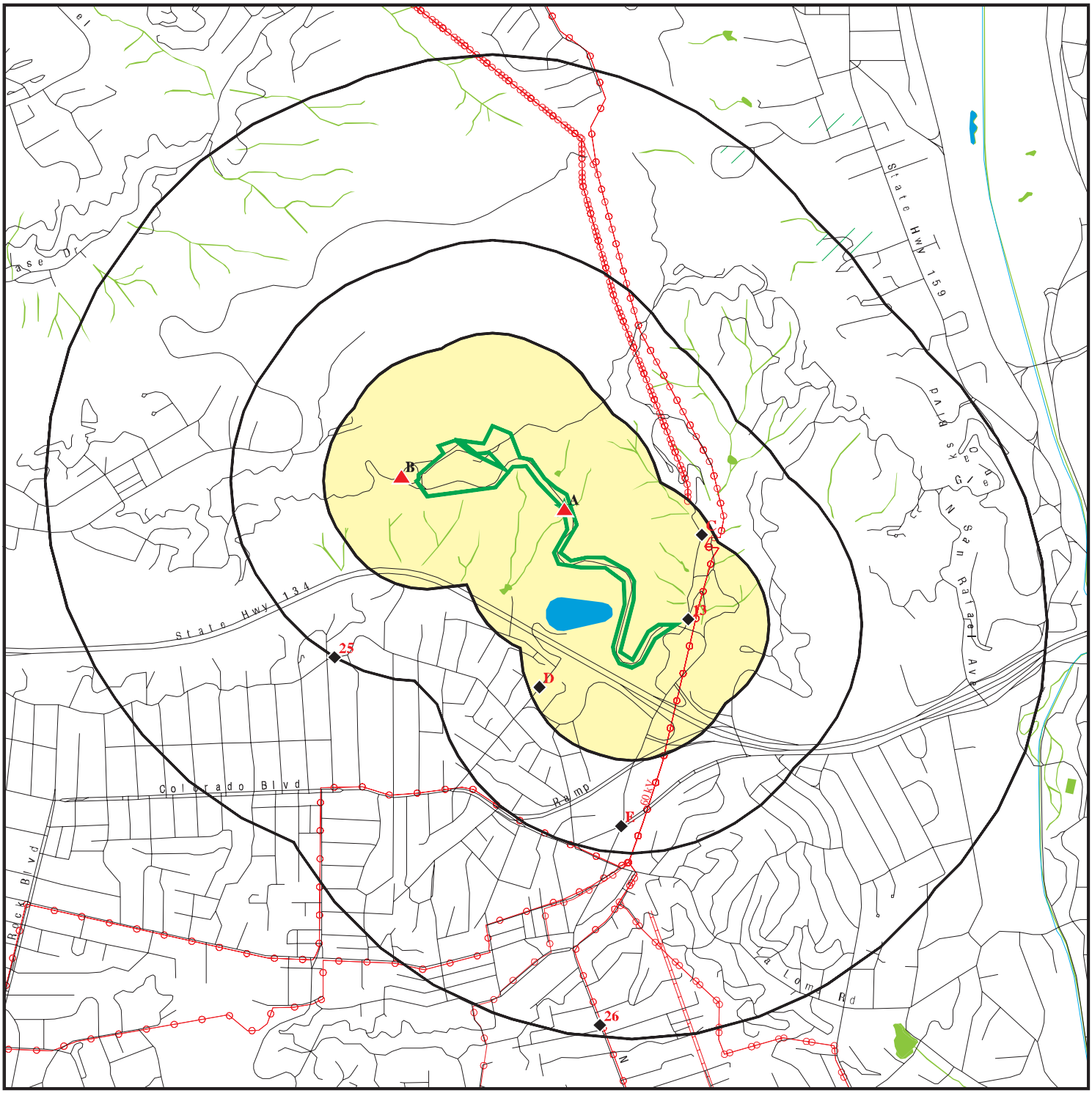
A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 2 HIST CORTESE sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
EAGLE ROCK TRIANGLE Reg Id: 900410061	***1000 COLORADO BLVD***	***S 1/4 - 1/2 (0.428 mi.)***	***E24***	***61***
MOBIL #11-H3K Reg Id: 900150098	1600 HILL	WSW 1/4 - 1/2 (0.500 mi.)	25	64

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 4407421.2S



0 1/4 1/2 1 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Pipelines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- Areas of Concern

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

SITE NAME:	Scholl Canyon Landfill	CLIENT:	Stantec
ADDRESS:	7721 North Figueroa Street Los Angeles CA 90041	CONTACT:	Anuya Sawant
LAT/LONG:	34.1505 / 118.1901	INQUIRY #:	4407421.2s
		DATE:	September 10, 2015 2:37 pm

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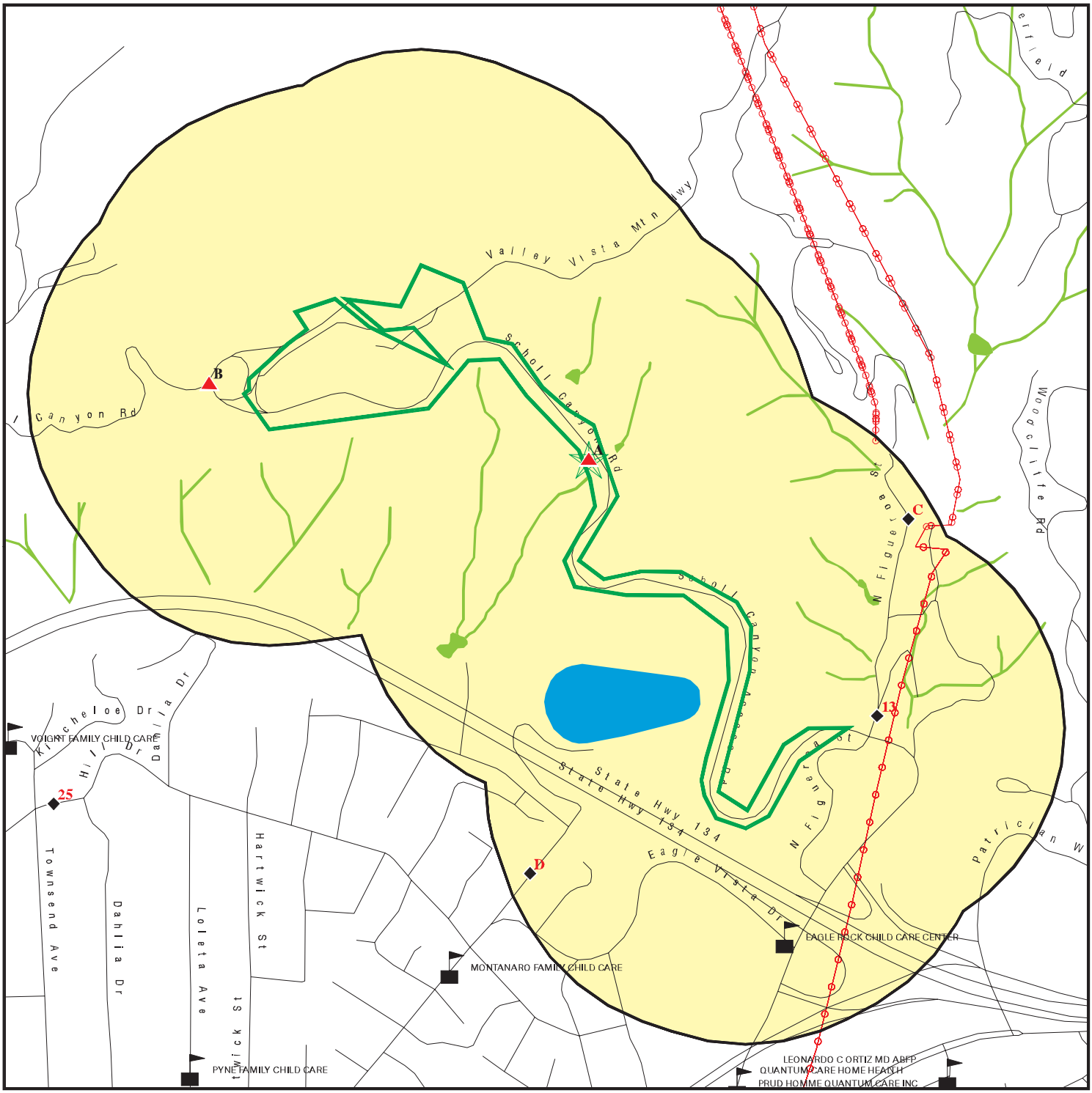
DETAIL MAP - 4407421.2S



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- Areas of Concern

0 1/8 1/4 1/2 Miles

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

SITE NAME: Scholl Canyon Landfill	CLIENT: Stantec
ADDRESS: 7721 North Figueroa Street Los Angeles CA 90041	CONTACT: Anuya Sawant
LAT/LONG: 34.1505 / 118.1901	INQUIRY #: 4407421.2s DATE: September 10, 2015 2:40 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
CERCLIS	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site List								
CERC-NFRAP	0.500	1	0	0	0	NR	NR	1
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		2	0	NR	NR	NR	2
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP	1	NR	NR	NR	NR	NR	1
State- and tribal - equivalent NPL								
RESPONSE	1.000		0	0	0	1	NR	1
State- and tribal - equivalent CERCLIS								
ENVIROSTOR	1.000		0	0	0	1	NR	1
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500	1	1	0	0	NR	NR	2
State and tribal leaking storage tank lists								
LUST	0.500		0	0	2	NR	NR	2

MAP FINDINGS SUMMARY

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

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CHMIRS	TP	1	NR	NR	NR	NR	NR	1
LDS	TP	1	NR	NR	NR	NR	NR	1
MCS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP	1	NR	NR	NR	NR	NR	1
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
Cortese	0.500		0	0	0	NR	NR	0
CUPA Listings	0.250		0	0	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	TP		NR	NR	NR	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
HAZNET	TP	3	NR	NR	NR	NR	NR	3
HIST CORTESE	0.500		0	0	2	NR	NR	2
LOS ANGELES CO. HMS	TP	1	NR	NR	NR	NR	NR	1
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
MINES	TP		NR	NR	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NPDES	TP		NR	NR	NR	NR	NR	0
PEST LIC	TP		NR	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
LA Co. Site Mitigation	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	TP	1	NR	NR	NR	NR	NR	1
WIP	0.250		0	0	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR US Hist Auto Stat	0.250		0	0	NR	NR	NR	0
EDR US Hist Cleaners	0.250		0	0	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		15	4	9	4	2	0	34

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 **SCHOLL CYN LANDFILL NO 4** **WDS** **S105254913**
Target **7721 FIGUEROA ST** **N/A**
Property **GLENDALE, CA 90041**

Site 1 of 12 in cluster A

Actual:
1176 ft.

WDS:

Facility ID:	Los Angeles River 190322007
Facility Type:	Solid Waste Site-Class III - Landfills for non hazardous solid wastes.
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	Not reported
Subregion:	4
Facility Telephone:	8182470735
Facility Contact:	Bryan Langpap
Agency Name:	LA CO SANITATION DISTRICTS
Agency Address:	1955 Workman Mill Rd.
Agency City,St,Zip:	Whittier 90607
Agency Contact:	James Stahl
Agency Telephone:	5626997411
Agency Type:	County
SIC Code:	4953
SIC Code 2:	Not reported
Primary Waste Type:	Nonhazardous Solid Wastes/Influent or Solid Wastes that contain nonhazardous putrescible and non putrescible solid, semisolid, and liquid wastes (E.G., garbage, trash, refuse, paper, demolition and construction wastes, manure, vegetable or animal solid and semisolid waste).
Primary Waste:	SLDWST
Waste Type2:	Not reported
Waste2:	Solid Wastes
Primary Waste Type:	Nonhazardous Solid Wastes/Influent or Solid Wastes that contain nonhazardous putrescible and non putrescible solid, semisolid, and liquid wastes (E.G., garbage, trash, refuse, paper, demolition and construction wastes, manure, vegetable or animal solid and semisolid waste).
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0
Baseline Flow:	0
Reclamation:	No reclamation requirements associated with this facility.
POTW:	The facility is not a POTW.
Treat To Water:	Major Threat to Water Quality. A violation could render unusable a ground water or surface water resource used as a significant drink water supply, require closure of an area used for contact recreation, result in long-term deleterious effects on shell fish spawning or growth areas of aquatic resources, or directly expose the public to toxic substances.
Complexity:	Category B - Any facility having a physical, chemical, or biological waste treatment system (except for septic systems with subsurface disposal), or any Class II or III disposal site, or facilities without treatment systems that are complex, such as marinas with petroleum products, solid wastes, and sewage pump out facilities.

A2
Target Property
SCHOLL CANYON LANDFILL
7721 N. FIGUEROA STREET
LOS ANGELES, CA 90041

FINDS **1014868669**
N/A

Site 2 of 12 in cluster A

Actual: 1176 ft.

FINDS:

Registry ID: 110043804942

Environmental Interest/Information System
GREENHOUSE GAS REPORTER

A3
Target Property
SCHOLL CYN LANDFILL NO 4
7721 FIGUEROA ST
GLENDALE CA, CA 90041

WMUDS/SWAT **S103866718**
N/A

Site 3 of 12 in cluster A

Actual: 1176 ft.

WMUDS/SWAT:

Edit Date:	19950126
Complexity:	Category B - Any facility having a physical, chemical, or biological waste treatment system (except for septic systems with subsurface disposal), or any Class II or III disposal site, or facilities without treatment systems that are complex, such as marinas with petroleum products, solid wastes, and sewage pump out facilities.
Primary Waste:	SLDWST
Primary Waste Type:	Nonhazardous Solid Wastes/Influent or Solid Wastes that contain nonhazardous putrescible and non putrescible solid, semisolid, and liquid wastes (E.G., garbage, trash, refuse, paper, demolition and construction wastes, manure, vegetable or animal solid and semisolid waste).
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Base Meridian:	SB
NPID:	Not reported
Tonnage:	1829
Regional Board ID:	60-117
Municipal Solid Waste:	True
Superorder:	True
Open To Public:	False
Waste List:	True
Agency Type:	County
Agency Name:	LOS ANGELES COUNTY SAN DIST
Agency Department:	CHIEF ENGINEER AND GENERAL MAN
Agency Address:	P.O.BOX 4998
Agency City,St,Zip:	WHITTIER CA 906074998
Agency Contact:	CHARLES CARRY
Agency Telephone:	5626997411
Land Owner Name:	CITY OF GLENDALE
Land Owner Address:	633 E. BROADWAY
Land Owner City,St,Zip:	GLENDALE, CA 91205
Land Owner Contact:	Not reported
Land Owner Phone:	2139562115
Region:	4
Facility Type:	Solid Waste Site-Class III - Landfills for non hazardous solid wastes.
Facility Description:	Not reported
Facility Telephone:	8182439779
SWAT Facility Name:	SCHOLL CANYON SANITARY LANDFILL

SCHOLL CYN LANDFILL NO 4 (Continued) **S103866718**

Primary SIC:	4953
Secondary SIC:	Not reported
Comments:	RB RECORDS SAY 2,200 TONS/DAY.
Last Facility Editors:	JHMJHMEDW
Waste Discharge System:	True
Solid Waste Assessment Test Program:	True
Toxic Pits Cleanup Act Program:	False
Resource Conservation Recovery Act:	False
Department of Defence:	False
Solid Waste Assessment Test Program:	COUNTY SAN DISTRICTS OF LA COUNTY
Threat to Water Quality:	Major Threat to Water Quality. A violation could render unusable a ground water or surface water resource used as a significant drink water supply, require closure of an area used for contact recreation, result in long-term deleterious effects on shell fish spawning or growth areas of aquatic resources, or directly expose the public to toxic substances.
Sub Chapter 15:	True
Regional Board Project Officer:	Not reported
Number of WMUDS at Facility:	1
Section Range:	01N13W
RCRA Facility:	No
Waste Discharge Requirements:	A
Self-Monitoring Rept. Frequency:	Monthly Submittal
Waste Discharge System ID:	4B190322007
Solid Waste Information ID:	19-AA-0012

A4 **SCHOLL CANYON LANDFILL** **HAZNET** **S113025996**
Target **7721 NORTH FIGUEROA** **N/A**
Property **LOS ANGELES, CA 90041**

Site 4 of 12 in cluster A

Actual:
1176 ft.

HAZNET:

envid:	S113025996
Year:	1996
GEPAID:	CAL000012959
Contact:	LA SANITATION DIST
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	POST OFFICE BOX 4998
Mailing City,St,Zip:	WHITTIER, CA 906070000
Gen County:	Not reported
TSD EPA ID:	CAD099452708
TSD County:	Not reported
Waste Category:	Waste oil and mixed oil
Disposal Method:	Recycler
Tons:	1.2510
Facility County:	Los Angeles

envid:	S113025996
Year:	1994
GEPAID:	CAL000012959
Contact:	LA SANITATION DIST
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	POST OFFICE BOX 4998
Mailing City,St,Zip:	WHITTIER, CA 906070000
Gen County:	Not reported

SCHOLL CANYON LANDFILL (Continued) **S113025996**

TSD EPA ID: CAD000088252
TSD County: Not reported
Waste Category: Not reported
Disposal Method: Not reported
Tons: .0000
Facility County: Los Angeles

envid: S113025996
Year: 1994
GEPAID: CAL000012959
Contact: LA SANITATION DIST
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: POST OFFICE BOX 4998
Mailing City,St,Zip: WHITTIER, CA 906070000
Gen County: Not reported
TSD EPA ID: CAD000088252
TSD County: Not reported
Waste Category: Other empty containers 30 gallons or more
Disposal Method: Transfer Station
Tons: .0125
Facility County: Los Angeles

envid: S113025996
Year: 1994
GEPAID: CAL000012959
Contact: LA SANITATION DIST
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: POST OFFICE BOX 4998
Mailing City,St,Zip: WHITTIER, CA 906070000
Gen County: Not reported
TSD EPA ID: CAT080010101
TSD County: Not reported
Waste Category: Off-specification, aged or surplus organics
Disposal Method: Not reported
Tons: .0200
Facility County: Los Angeles

envid: S113025996
Year: 1994
GEPAID: CAL000012959
Contact: LA SANITATION DIST
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: POST OFFICE BOX 4998
Mailing City,St,Zip: WHITTIER, CA 906070000
Gen County: Not reported
TSD EPA ID: CAT080010101
TSD County: Not reported
Waste Category: Off-specification, aged or surplus organics
Disposal Method: Transfer Station
Tons: .0125
Facility County: Los Angeles

SCHOLL CANYON LANDFILL (Continued) **S113025996**

Click this hyperlink while viewing on your computer to access
21 additional CA_HAZNET: record(s) in the EDR Site Report.

A5 **SCHOLL CANYON LANDFILL** **LOS ANGELES CO. HMS** **S110590643**
Target **7721 N FIGUEROA ST** **N/A**
Property **GLENDALE, CA**

Site 5 of 12 in cluster A

Actual: 1176 ft.

LOS ANGELES CO. HMS:
Region: LA
Facility Id: 033065-054815
Facility Type: Not reported
Facility Status: OPEN
Area: 3D
Permit Number: Not reported
Permit Status: Not reported

A6 **SCHOLL CANYON PARTNERSHIP** **HAZNET** **S112879170**
Target **7721 N FIGUEROA** **N/A**
Property **LOS ANGELES, CA 90041**

Site 6 of 12 in cluster A

Actual: 1176 ft.

HAZNET:
envid: S112879170
Year: 2000
GEPAID: CAC001265832
Contact: GARY ROGERS
Telephone: 8182449722
Mailing Name: Not reported
Mailing Address: 672 JERUSELAM
Mailing City,St,Zip: COHASSET, MA 021250000
Gen County: Not reported
TSD EPA ID: CAT080033681
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Not reported
Tons: 0.15
Facility County: Los Angeles

envid: S112879170
Year: 2000
GEPAID: CAC001265832
Contact: GARY ROGERS
Telephone: 8182449722
Mailing Name: Not reported
Mailing Address: 672 JERUSELAM
Mailing City,St,Zip: COHASSET, MA 021250000
Gen County: Not reported
TSD EPA ID: CAT080033681
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Disposal, Land Fill
Tons: 0.6
Facility County: Los Angeles

SCHOLL CANYON PARTNERSHIP (Continued) **S112879170**

envid: S112879170
Year: 1998
GEPAID: CAC001265832
Contact: SCHOLL CANYON PARTNERSHIP
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 672 JERUSELAM
Mailing City,St,Zip: COHASSET, MA 021250000
Gen County: Not reported
TSD EPA ID: CAT080033681
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Disposal, Other
Tons: 3.8500
Facility County: Los Angeles

A7 **SCOLL CANYON PARTNERSHIP** **HAZNET** **S112948925**
Target **7721 N FIGUEROA ST** **N/A**
Property **LOS ANGELES, CA 90041**

Site 7 of 12 in cluster A

Actual:
1176 ft.

HAZNET:
envid: S112948925
Year: 2007
GEPAID: CAC002596192
Contact: BRAD EVERETTE
Telephone: 7142546541
Mailing Name: Not reported
Mailing Address: 7721 N FIGUEROA ST
Mailing City,St,Zip: LOS ANGELES, CA 900411719
Gen County: Not reported
TSD EPA ID: TXD077603371
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 2.59
Facility County: Los Angeles

A8 **ERNS** **2006786641**
Target **7721 N FIGUEROA** **N/A**
Property **LOS ANGELES, CA 90041**

Site 8 of 12 in cluster A

Actual:
1176 ft.

Click this hyperlink while viewing on your computer to access additional ERNS detail in the EDR Site Report.

A9 **SCHOLL CANYON LANDFILL** **SWF/LF** **1000333927**
Target **7721 N FIGUEROA ST** **SWEEPS UST** **N/A**
Property **LOS ANGELES, CA 90041** **HIST UST**
CA FID UST

Site 9 of 12 in cluster A

Actual: 1176 ft.

LOS ANGELES CO. LF:

Site ID:	19
Alt. Address:	N/A
Site Contact:	Not reported
Site Contact Phone:	(818) 243-9779
Site Email:	Not reported
Site Website:	www.lacsd.org/about/solid_waste_facilities/scholl/default.asp
Site Type:	Municipal Solid Waste Landfill
Site SWIS Number:	19-AA-0012
Beginning Operation Date:	N/A
Ending Operation Date:	Estimated
Local Enforcement Agency:	County Public Health
Maximun Depth Fill(Ft):	N/A
Permitted Capacity:	3400
Present Use:	Landfilling Operation
Remaining Capacity(Million):	Estimated 8.445 CY or 4.104 Tons as of December 2010
Status:	Active
Waste Accepted:	Construction & Demolition;Green Materials;Household Trash;Industrial Non-Hazardous;Inert;Tires;
Hours of Operation:	MON -FRI 8 AM TO 5 PM; SAT 8 AM- 3:30 PM
Disposal Area (Acre):	314

Detail As Of 01/2014:

Operator Name:	County of Los Angeles Sanitation Districts
Operator Address:	1955 Workman Mill Road
Operator City/State/Zip:	Whittier, CA 90601
Operator Contact:	Willy Mejia
Operator Telephone:	(562) 699-7411x6069
Operator Email:	wmejia@lacsd.org
Owner Name:	Co-owned BY City of Glendale And County of Los Angeles
Owner Address:	633 East Broadway
Owner City/State/Zip:	Glendale 91205
Owner Contact:	James E Starbird
Owner Telephone:	(818) 548-4844
Owner Email:	Not reported

SWEEPS UST:

Status:	Not reported
Comp Number:	349
Number:	Not reported
Board Of Equalization:	44-011122
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-050-000349-000001
Tank Status:	Not reported
Capacity:	500
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	1

SCHOLL CANYON LANDFILL (Continued) **1000333927**

HIST UST:

Region:	STATE
Facility ID:	00000003975
Facility Type:	Other
Other Type:	SANITARY LANDFILL
Contact Name:	LAUREL BAUMAN
Telephone:	2132459865
Owner Name:	COUNTY SANITATION DISTRICTS OF
Owner Address:	1955 WORKMAN MILL ROAD
Owner City,St,Zip:	WHITTIER, CA 90607
Total Tanks:	0001
Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00000500
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	None

CA FID UST:

Facility ID:	19038002
Regulated By:	UTNKA
Regulated ID:	00003975
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2132459865
Mail To:	Not reported
Mailing Address:	1955 WORKMAN MILL RD
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LOS ANGELES 900410000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

A10 **SCHOLL LDFL** **CERC-NFRAP** **1004654694**
Target **7721 N FIGUEROA** **CAD980498927**
Property **LOS ANGELES, CA 90041**

Site 10 of 12 in cluster A

Actual:
1176 ft.

CERC-NFRAP:

Site ID:	0901768
Federal Facility:	Not a Federal Facility
NPL Status:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS-NFRAP Site Contact Details:

Contact Sequence ID:	13287954.00000
Person ID:	13003854.00000

SCHOLL LDFL (Continued) **1004654694**

Contact Sequence ID: 13293549.00000
Person ID: 13003858.00000

Contact Sequence ID: 13299407.00000
Person ID: 13004003.00000

CERCLIS-NFRAP Site Alias Name(s):
Alias Name: SCHOLL LDFL
Alias Address: 3200 E GLENOAKS BLVD
LOS ANGELES, CA 94001

Alias Name: SCHOLL LDFL
Alias Address: 3200 E GLENOAKS BLVD
LOS ANGELES, CA 94001

CERCLIS-NFRAP Assessment History:
Action: PRELIMINARY ASSESSMENT
Date Started: / /
Date Completed: 05/01/84
Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

Action: ARCHIVE SITE
Date Started: / /
Date Completed: 05/01/84
Priority Level: Not reported

Action: DISCOVERY
Date Started: / /
Date Completed: 11/01/79
Priority Level: Not reported

A11 **SCHOLL CANYON LANDFILL** **LDS** **S109286928**
Target **7721 FIGUEROA** **N/A**
Property **GLENDALE, CA 90041**

Site 11 of 12 in cluster A

Actual: 1176 ft.

LDS:

Global Id: L10009414153
Latitude: 34.14623
Longitude: -118.1842
Case Type: Land Disposal Site
Status: Open - Verification Monitoring
Status Date: 01/01/1965
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Caseworker: DAC
Local Agency: Not reported
RB Case Number: 4B190322007
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Not reported
EDR Link ID: L10009414153
Potential Contaminants of Concern: Not reported
Site History: Not reported

SCHOLL CANYON LANDFILL (Continued) **S109286928**

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

A12 **CHMIRS** **S109040681**
Target Property **7721 NORTH FIGUEROA AVE** **N/A**
LOS ANGELES, CA 90041

Site 12 of 12 in cluster A

Actual: 1176 ft.

CHMIRS:

OES Incident Number:	6-0634
OES notification:	01/28/2006
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	Not reported
Waterway:	Verdugo Wash
Spill Site:	Not reported
Cleanup By:	Reporting Party
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2006
Agency:	Los Angeles Co Sanatation Dist
Incident Date:	1/28/2006 12:00:00 AM
Admin Agency:	Los Angeles City Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Other
E Date:	Not reported

(Continued) **S109040681**

Substance:	Treated Gas Condesate
Gallons:	0.000000
Unknown:	0
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	Due to a broken sewer line there was a release. The line leads into the main sewer line. The line was bypassed and repaired. Spill was contained and is currently in cleanup process.

13
SE
< 1/8
0.036 mi.
191 ft.

METROPOLITAN WATER DISTRICT **UST** **U003781597**
7800 N FIGUEROA ST **N/A**
LOS ANGELES, CA 90041

Relative:
Lower

Actual:
900 ft.

UST:

Facility ID:	25344
Permitting Agency:	LOS ANGELES, CITY OF
Latitude:	34.147502
Longitude:	-118.182146

B14
WNW
< 1/8
0.042 mi.
223 ft.

SCHOLL CANYON LANDFILL **RCRA-SQG** **1008194708**
3001 SCHOLL CANYON RD **FINDS** **CAO000927426**
GLENDALE, CA 91206 **HAZNET**

Site 1 of 3 in cluster B

Relative:
Higher

Actual:
1331 ft.

RCRA-SQG:

Date form received by agency:	02/27/2004
Facility name:	SCHOLL CANYON LANDFILL
Facility address:	3001 SCHOLL CANYON RD GLENDALE, CA 91206
EPA ID:	CAO000927426
Mailing address:	PO BOX 4998 WHITTIER, CA 90607
Contact:	MISCHELLE D MISHCE
Contact address:	Not reported Not reported
Contact country:	US
Contact telephone:	(562) 699-7411
Telephone ext.:	2488
Contact email:	MMISCHE@LACSD.ORG

SCHOLL CANYON LANDFILL (Continued) **1008194708**

EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: SAN DIST OF LA COUNTY DIST 2
Owner/operator address: PO BOX 4998
WHITTIER, CA 90607
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: District
Owner/Operator Type: Owner
Owner/Op start date: 03/22/1961
Owner/Op end date: Not reported

Owner/operator name: SAN DIST OF LA COUNTY DIST 2
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: District
Owner/Operator Type: Operator
Owner/Op start date: 03/22/1961
Owner/Op end date: Not reported

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

Historical Generators:
Date form received by agency: 02/27/2004
Site name: SCHOLL CANYON LANDFILL
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

SCHOLL CANYON LANDFILL (Continued) **1008194708**

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D009
. Waste name: MERCURY

. Waste code: D013
. Waste name: LINDANE (1,2,3,4,5,6-HEXA-CHLOROCYCLOHEXANE, GAMMA ISOMER)

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

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

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

. Waste code: F004
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: CRESOLS, CRESYLIC ACID, AND NITROBENZENE; AND THE STILL BOTTOMS FROM THE RECOVERY OF THESE SOLVENTS; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE,

SCHOLL CANYON LANDFILL (Continued) **1008194708**

2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

FINDS:

Registry ID: 110055841754

Environmental Interest/Information System
STATE MASTER

HAZNET:

envid:	1008194708
Year:	2010
GEPAID:	CAO000927426
Contact:	JILEI SHAN / PROJECT ENGINEER
Telephone:	5626997411
Mailing Name:	Not reported
Mailing Address:	PO BOX 4998
Mailing City,St,Zip:	WHITTIER, CA 906070000
Gen County:	Not reported
TSD EPA ID:	CAD008302903
TSD County:	Not reported
Waste Category:	Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.2
Facility County:	Los Angeles

envid:	1008194708
Year:	2010
GEPAID:	CAO000927426
Contact:	JILEI SHAN / PROJECT ENGINEER
Telephone:	5626997411
Mailing Name:	Not reported
Mailing Address:	PO BOX 4998
Mailing City,St,Zip:	WHITTIER, CA 906070000
Gen County:	Not reported
TSD EPA ID:	CAD008302903
TSD County:	Not reported
Waste Category:	Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.045
Facility County:	Los Angeles

envid:	1008194708
Year:	2010
GEPAID:	CAO000927426
Contact:	JILEI SHAN / PROJECT ENGINEER
Telephone:	5626997411
Mailing Name:	Not reported
Mailing Address:	PO BOX 4998

SCHOLL CANYON LANDFILL (Continued) **1008194708**

Mailing City,St,Zip: WHITTIER, CA 906070000
Gen County: Not reported
TSD EPA ID: CAD008302903
TSD County: Not reported
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.045
Facility County: Los Angeles

envid: 1008194708
Year: 2010
GEPAID: CAO000927426
Contact: JILEI SHAN / PROJECT ENGINEER
Telephone: 5626997411
Mailing Name: Not reported
Mailing Address: PO BOX 4998
Mailing City,St,Zip: WHITTIER, CA 906070000
Gen County: Not reported
TSD EPA ID: CAD008302903
TSD County: Not reported
Waste Category: Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.2
Facility County: Los Angeles

envid: 1008194708
Year: 2009
GEPAID: CAO000927426
Contact: JILEI SHAN / PROJECT ENGINEER
Telephone: 5626997411
Mailing Name: Not reported
Mailing Address: PO BOX 4998
Mailing City,St,Zip: WHITTIER, CA 906070000
Gen County: Not reported
TSD EPA ID: CAD008302903
TSD County: Not reported
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.08
Facility County: Los Angeles

Click this hyperlink while viewing on your computer to access
51 additional CA_HAZNET: record(s) in the EDR Site Report.

B15 **LA CO, SANITATION DISTRICT UNI** **SWF/LF** **S103650793**
WNW **3001 SCHOLL CANYON RD** **EMI** **N/A**
< 1/8 **GLENDALE, CA 91206** **Financial Assurance**
0.042 mi. **LOS ANGELES CO. HMS**
223 ft. **Site 2 of 3 in cluster B** **NPDES**
WDS

Relative:
Higher

Actual:
1331 ft.

SWF/LF (SWIS):
Region: STATE
Facility ID: 19-AA-0012
Lat/Long: 34.1574999 / -118.19556
Owner Name: City Of Glendale
Owner Telephone: 8185483900

LA CO, SANITATION DISTRICT UNI (Continued) **S103650793**

Owner Address:	Not reported
Owner Address2:	613 East Broadway, Ste 200
Owner City,St,Zip:	Glendale, CA 91205
Operational Status:	Active
Operator:	County Of Los Angeles Sanitation Dist
Operator Phone:	5629084288
Operator Address:	Not reported
Operator Address2:	P.O. Box 4998
Operator City,St,Zip:	Whittier, CA 90607
Permit Date:	12/13/2016
Permit Status:	Permitted
Permitted Acreage:	440
Activity:	Solid Waste Landfill
Regulation Status:	Permitted
Landuse Name:	Residential,Open Space - Irrigated,Industrial
GIS Source:	Map
Category:	Disposal
Unit Number:	01
Inspection Frequency:	Monthly
Accepted Waste:	Construction/demolition,Industrial,Inert,Manure,Mixed municipal,Tires
Closure Date:	04/01/2030
Closure Type:	Estimated
Disposal Acreage:	314
SWIS Num:	19-AA-0012
Waste Discharge Requirement Num:	III
Program Type:	BOE Reporting Disposal Facility,Financial Assurance Responsibilities,Remaining Capacity Landfill
Permitted Throughput with Units:	3400
Actual Throughput with Units:	Tons/day
Permitted Capacity with Units:	58900000
Remaining Capacity:	9900000
Remaining Capacity with Units:	Cubic Yards
Lat/Long:	34.1574999 / -118.19556

EMI:

Year:	1995
County Code:	19
Air Basin:	SC
Facility ID:	45262
Air District Name:	SC
SIC Code:	4953
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	8
Reactive Organic Gases Tons/Yr:	6
Carbon Monoxide Emissions Tons/Yr:	3
NOX - Oxides of Nitrogen Tons/Yr:	28
SOX - Oxides of Sulphur Tons/Yr:	5
Particulate Matter Tons/Yr:	8
Part. Matter 10 Micrometers & Smllr Tons/Yr:	8

Year:	1996
County Code:	19
Air Basin:	SC
Facility ID:	45262
Air District Name:	SC

LA CO, SANITATION DISTRICT UNI (Continued) **S103650793**

SIC Code:	4953
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	4
NOX - Oxides of Nitrogen Tons/Yr:	15
SOX - Oxides of Sulphur Tons/Yr:	3
Particulate Matter Tons/Yr:	3
Part. Matter 10 Micrometers & Smllr Tons/Yr:	3

Year:	1997
County Code:	19
Air Basin:	SC
Facility ID:	45262
Air District Name:	SC
SIC Code:	4953
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	2
NOX - Oxides of Nitrogen Tons/Yr:	7
SOX - Oxides of Sulphur Tons/Yr:	1
Particulate Matter Tons/Yr:	1
Part. Matter 10 Micrometers & Smllr Tons/Yr:	1

Year:	1998
County Code:	19
Air Basin:	SC
Facility ID:	45262
Air District Name:	SC
SIC Code:	4953
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	2
NOX - Oxides of Nitrogen Tons/Yr:	7
SOX - Oxides of Sulphur Tons/Yr:	1
Particulate Matter Tons/Yr:	1
Part. Matter 10 Micrometers & Smllr Tons/Yr:	1

Year:	1999
County Code:	19
Air Basin:	SC
Facility ID:	45262
Air District Name:	SC
SIC Code:	4953
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3
Reactive Organic Gases Tons/Yr:	2

LA CO, SANITATION DISTRICT UNI (Continued) **S103650793**

Carbon Monoxide Emissions Tons/Yr:	2
NOX - Oxides of Nitrogen Tons/Yr:	7
SOX - Oxides of Sulphur Tons/Yr:	1
Particulate Matter Tons/Yr:	1
Part. Matter 10 Micrometers & Smllr Tons/Yr:	1

Year:	2000
County Code:	19
Air Basin:	SC
Facility ID:	45262
Air District Name:	SC
SIC Code:	4953
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	2
NOX - Oxides of Nitrogen Tons/Yr:	7
SOX - Oxides of Sulphur Tons/Yr:	1
Particulate Matter Tons/Yr:	1
Part. Matter 10 Micrometers & Smllr Tons/Yr:	1

Year:	2001
County Code:	19
Air Basin:	SC
Facility ID:	45262
Air District Name:	SC
SIC Code:	4953
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Y
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	2
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2009
County Code:	19
Air Basin:	SC
Facility ID:	45262
Air District Name:	SC
SIC Code:	4953
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.23187333126625501
Reactive Organic Gases Tons/Yr:	0.11445518800899999
Carbon Monoxide Emissions Tons/Yr:	7.1300509999999998E-2
NOX - Oxides of Nitrogen Tons/Yr:	1.2952023500000001
SOX - Oxides of Sulphur Tons/Yr:	0.40185003549999998
Particulate Matter Tons/Yr:	0.40052016800000001
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0.40050768396800002

LA CO, SANITATION DISTRICT UNI (Continued) **S103650793**

Year:	2010
County Code:	19
Air Basin:	SC
Facility ID:	45262
Air District Name:	SC
SIC Code:	4953
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.233954253661488
Reactive Organic Gases Tons/Yr:	0.11676039375
Carbon Monoxide Emissions Tons/Yr:	6.1311071000000002E-2
NOX - Oxides of Nitrogen Tons/Yr:	0.9556549245
SOX - Oxides of Sulphur Tons/Yr:	0.39579007454999998
Particulate Matter Tons/Yr:	0.23543035174999999
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0.23541786330799999

Year:	2011
County Code:	19
Air Basin:	SC
Facility ID:	45262
Air District Name:	SC
SIC Code:	4953
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.3361122009
Reactive Organic Gases Tons/Yr:	0.21421018939
Carbon Monoxide Emissions Tons/Yr:	0.043120515151
NOX - Oxides of Nitrogen Tons/Yr:	0.68268236868
SOX - Oxides of Sulphur Tons/Yr:	0.30978003586
Particulate Matter Tons/Yr:	0.22384016919
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0.22381976513

Year:	2012
County Code:	19
Air Basin:	SC
Facility ID:	45262
Air District Name:	SC
SIC Code:	4953
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.29456313678
Reactive Organic Gases Tons/Yr:	0.15903000021
Carbon Monoxide Emissions Tons/Yr:	0.086150000561
NOX - Oxides of Nitrogen Tons/Yr:	0.83713000259
SOX - Oxides of Sulphur Tons/Yr:	0.27976168
Particulate Matter Tons/Yr:	0.29612000018
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0.29574632018

CA Financial Assurance 2:

Region:	2
SWIS_NO:	19-AA-0012
Closure Approved:	Yes
Closure Inf Coverage Date:	05/01/2014
Closure Plan Coverage:	$13,766,368.00

LA CO, SANITATION DISTRICT UNI (Continued) **S103650793**

Closure Plan Date:	10/01/2011
PostClose Approved:	Yes
PostClose Adequacy Date:	10/01/2011
PostClose Inf Coverage:	$58,187,367.00
PostClose Inf Coverage Date:	05/01/2014
CorActCoverage:	$99,858.00
CorActApproved:	Yes
CorAct Mec Adequacy Date:	Not reported
CorAct Inf Coverage:	$101,356.00
CorActPlanCoverage:	$98,092.00
CorAct Plan Date:	03/15/2012
Lia Coverage:	$1,000,000.00
Lia Approved:	Yes
Review:	03/27/2014
Closure Mechanism A:	TRUST FUND
Closure Mechanism B:	Not reported
Closure Coverage:	$12,517,514.00
Closure Adequacy:	Not reported
Closure Approved:	Yes
Closure Inflation Estimate:	$14,523,087.00
Closure Inflation Date:	05/01/2014
Closure Plan Coverage:	$13,766,368.00
Closure Plan Date:	10/01/2011
Post Closure Mechanism A:	TRUST FUND
Post Closure Established A:	09/11/1990
Post Closure Mechanism B:	Not reported
Post Closure Coverate:	$22,250,142.00
Post Closure Adequacy:	Not reported
Post Closure Approved:	Yes
Post Close Inflation Estimate:	$58,187,367.00
Post Closure Inflation Date:	05/01/2014
Post Closure Plan Date:	10/01/2011
Corrective Action Extablished A:	12/18/2012
Corrective Actiont Coverage:	$99,858.00
Corrective Action Adequacy:	Not reported
Corrective Action Approved:	Yes
Corrective Action Inflation Estimate:	$101,356.00
Corrective Action Inflationdate:	05/01/2014
Corrective Action Plan Estimate:	$98,092.00
Corrective Action Plan Date:	03/15/2012
Liability Mechanism A:	SELF-INS. & RISK MANAGEMENT
Liability Established A:	08/29/2012
Liability Mechanism B:	Not reported
Liability Coverage:	$1,000,000.00
CostAnniversary:	12/31/2013
ClosureEstablishedA:	12/31/2000
ClosureEstablishedB:	Not reported
ClosureDisbursement:	0
PostClosureEstablishedB:	Not reported
PostClosureDisbursement:	0
CorrectiveActionMechanismA:	TRUST FUND
CorrectiveActionMechanismB:	Not reported
CorrectiveActionExtablishedB:	Not reported
CorrectiveActiontDisbursement:	0
LiabilityEstablishedB:	Not reported
LiabilityAdequacy:	Not reported
Liability Approved:	Yes

LA CO, SANITATION DISTRICT UNI (Continued) **S103650793**

Contact: County Sanitation Districts of Los Angel

LOS ANGELES CO. HMS:
Region: LA
Facility Id: 033066-054816
Facility Type: Not reported
Facility Status: OPEN
Area: 3D
Permit Number: Not reported
Permit Status: Not reported

NPDES:

Npdes Number:	Not reported
Facility Status:	Not reported
Agency Id:	Not reported
Region:	4
Regulatory Measure Id:	401550
Order No:	Not reported
Regulatory Measure Type:	Industrial
Place Id:	Not reported
WDID:	4 19I022469
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
RECEIVED DATE:	12/31/2009
PROCESSED DATE:	01/07/2010
STATUS CODE NAME:	Active
STATUS DATE:	01/07/2010
PLACE SIZE:	10000
PLACE SIZE UNIT:	Acres
FACILITY CONTACT NAME:	John Escudero
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	818-548-2148
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	JEscudero@ci.glendale.ca.us
OPERATOR NAME:	City of Glendale Grayson Power Plant
OPERATOR ADDRESS:	800 Air Way
OPERATOR CITY:	Glendale
OPERATOR STATE:	California
OPERATOR ZIP:	91201
OPERATOR CONTACT NAME:	Steven G Lins
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	818-548-2136
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Not reported
OPERATOR TYPE:	City/Town Agency
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported

LA CO, SANITATION DISTRICT UNI (Continued) **S103650793**

DEVELOPER STATE:	California
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	999-999-9999
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	N
RECEIVING WATER NAME:	Los Angeles River
CERTIFIER NAME:	John Escudero
CERTIFIER TITLE:	Assist Gen Mgr
CERTIFICATION DATE:	13-OCT-11
PRIMARY SIC:	4925-Mixed, Manufactured, or Liquefied Petroleum Gas Production and/or Distribution
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported
Npdes Number:	Not reported
Facility Status:	Not reported
Agency Id:	Not reported
Region:	4
Regulatory Measure Id:	189583
Order No:	Not reported
Regulatory Measure Type:	Industrial
Place Id:	Not reported
WDID:	4 19I006193
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
RECEIVED DATE:	05/09/2008
PROCESSED DATE:	04/22/1992
STATUS CODE NAME:	Active
STATUS DATE:	04/22/1992
PLACE SIZE:	440
PLACE SIZE UNIT:	Acres

LA CO, SANITATION DISTRICT UNI (Continued) **S103650793**

FACILITY CONTACT NAME:	Beth Bax
FACILITY CONTACT TITLE:	Supervising Engineer
FACILITY CONTACT PHONE:	562-908-4288
FACILITY CONTACT PHONE EXT:	2440
FACILITY CONTACT EMAIL:	bbax@lacsd.org
OPERATOR NAME:	Los Angeles County Sanitation Districts
OPERATOR ADDRESS:	PO Box 4998
OPERATOR CITY:	Whittier
OPERATOR STATE:	California
OPERATOR ZIP:	90607
OPERATOR CONTACT NAME:	Robert Asgian
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	562-908-4288
OPERATOR CONTACT PHONE EXT:	6002
OPERATOR CONTACT EMAIL:	rasgian@lacsd.org
OPERATOR TYPE:	Special District
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	California
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	562-699-7315
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	N
RECEIVING WATER NAME:	Verdugo Wash Reach Two
CERTIFIER NAME:	Grace Hyde
CERTIFIER TITLE:	Chief Engineer and General Manager
CERTIFICATION DATE:	24-APR-15
PRIMARY SIC:	4953-Refuse Systems
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported
Npdes Number:	CAS000001
Facility Status:	Active
Agency Id:	0
Region:	4
Regulatory Measure Id:	401550
Order No:	97-03-DWQ

LA CO, SANITATION DISTRICT UNI (Continued) **S103650793**

Regulatory Measure Type:	Enrollee
Place Id:	Not reported
WDID:	4 19I022469
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	01/07/2010
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	City of Glendale Grayson Power Plant
Discharge Address:	800 Air Way
Discharge City:	Glendale
Discharge State:	California
Discharge Zip:	91201
RECEIVED DATE:	Not reported
PROCESSED DATE:	Not reported
STATUS CODE NAME:	Not reported
STATUS DATE:	Not reported
PLACE SIZE:	Not reported
PLACE SIZE UNIT:	Not reported
FACILITY CONTACT NAME:	Not reported
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	Not reported
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	Not reported
OPERATOR NAME:	Not reported
OPERATOR ADDRESS:	Not reported
OPERATOR CITY:	Not reported
OPERATOR STATE:	Not reported
OPERATOR ZIP:	Not reported
OPERATOR CONTACT NAME:	Not reported
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	Not reported
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Not reported
OPERATOR TYPE:	Not reported
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	Not reported
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported

LA CO, SANITATION DISTRICT UNI (Continued) **S103650793**

CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	Not reported
RECEIVING WATER NAME:	Not reported
CERTIFIER NAME:	Not reported
CERTIFIER TITLE:	Not reported
CERTIFICATION DATE:	Not reported
PRIMARY SIC:	Not reported
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported
Npdes Number:	CAS000001
Facility Status:	Active
Agency Id:	0
Region:	4
Regulatory Measure Id:	189583
Order No:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place Id:	Not reported
WDID:	4 19I006193
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	04/22/1992
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Los Angeles County Sanitation Districts
Discharge Address:	PO Box 4998
Discharge City:	Whittier
Discharge State:	California
Discharge Zip:	90607
RECEIVED DATE:	Not reported
PROCESSED DATE:	Not reported
STATUS CODE NAME:	Not reported
STATUS DATE:	Not reported
PLACE SIZE:	Not reported
PLACE SIZE UNIT:	Not reported
FACILITY CONTACT NAME:	Not reported
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	Not reported
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	Not reported
OPERATOR NAME:	Not reported
OPERATOR ADDRESS:	Not reported
OPERATOR CITY:	Not reported
OPERATOR STATE:	Not reported
OPERATOR ZIP:	Not reported
OPERATOR CONTACT NAME:	Not reported
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	Not reported
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Not reported
OPERATOR TYPE:	Not reported
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported

LA CO, SANITATION DISTRICT UNI (Continued) **S103650793**

DEVELOPER STATE:	Not reported
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	Not reported
RECEIVING WATER NAME:	Not reported
CERTIFIER NAME:	Not reported
CERTIFIER TITLE:	Not reported
CERTIFICATION DATE:	Not reported
PRIMARY SIC:	Not reported
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported

WDS:

Facility ID:	4 19I006193
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.
NPDES Number:	CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	4
Facility Telephone:	5626997315
Facility Contact:	Patrick Freemon
Agency Name:	L.A COUNTY SANITATION DIST
Agency Address:	Not reported
Agency City,St,Zip:	0
Agency Contact:	Not reported
Agency Telephone:	Not reported
Agency Type:	Private
SIC Code:	4953
SIC Code 2:	Not reported
Primary Waste Type:	Inert/Influent or Solid Wastes that do not contain soluble pollutants or organic wastes and have little adverse impact on water quality. Such wastes could cause turbidity and siltation. Uncontaminated soils, rubble and concrete are examples of this category.
Primary Waste:	STORMS
Waste Type2:	Not reported

LA CO, SANITATION DISTRICT UNI (Continued) **S103650793**

Waste2:	Stormwater Runoff
Primary Waste Type:	Inert/Influent or Solid Wastes that do not contain soluble pollutants or organic wastes and have little adverse impact on water quality. Such wastes could cause turbidity and siltation. Uncontaminated soils, rubble and concrete are examples of this category.
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0
Baseline Flow:	0
Reclamation:	No reclamation requirements associated with this facility.
POTW:	The POTW Does not have an approved pretreatment program. Some POTWs may have local pretreatment programs that have not been approved by the regional board and/or EPA.
Treat To Water:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity:	Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

B16 **SCHOLL CANYON LDFL** **RCRA-SQG 1000978144**
WNW **3001 SCHOLL CANYON ROAD** **US AIRS CA0000927426**
< 1/8 **GLENDALE, CA 91206**
0.042 mi.
223 ft. **Site 3 of 3 in cluster B**

Relative:
Higher

Actual:
1331 ft.

RCRA-SQG:

Date form received by agency:	10/12/2000
Facility name:	SCHOLL CANYON LDFL
Site name:	SCHOLL CANYON LANDFILL
Facility address:	3001 SCHOLL CANYON ROAD GLENDALE, CA 91206
EPA ID:	CA0000927426
Mailing address:	P.O. BOX 4998 WHITTIER, CA 90607
Contact:	MISCHELLE D. MISCHE
Contact address:	Not reported Not reported
Contact country:	US
Contact telephone:	(562) 699-7411
Telephone ext.:	2488
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Handler Activities Summary:

SCHOLL CANYON LDFL (Continued) **1000978144**

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

Historical Generators:
Date form received by agency: 04/15/1999
Site name: SCHOLL CANYON LANDFILL
Classification: Large Quantity Generator

Date form received by agency: 09/01/1996
Site name: SCHOLL CANYON LDFL
Classification: Small Quantity Generator

Date form received by agency: 03/29/1996
Site name: SCHOLL CANYON LANDFILL
Classification: Large Quantity Generator

Date form received by agency: 03/29/1994
Site name: SCHOOL CANYON LANDFILL
Classification: Large Quantity Generator

Violation Status: No violations found

US AIRS (AFS):
Envid: 1000978144
Region Code: 09
County Code: CA037
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
D and B Number: Not reported
Facility Site Name: LA CO - SANITATION DIST SCHOLL CANYON
Primary SIC Code: 4953
NAICS Code: 562212
Default Air Classification Code: MAJ
Facility Type of Ownership Code: DIS
Air CMS Category Code: TVM
HPV Status: Not reported

US AIRS (AFS):
Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-09-04 00:00:00

SCHOLL CANYON LDFL (Continued) **1000978144**

Activity Status Date: 2014-12-30 18:53:20
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-09-04 00:00:00
Activity Status Date: 2014-12-30 19:13:46
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1997-09-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1998-10-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1999-08-04 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR

SCHOLL CANYON LDFL (Continued) **1000978144**

Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2003-12-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2004-03-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2004-07-06 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-02-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-03-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09

SCHOLL CANYON LDFL (Continued) **1000978144**

Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2006-02-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2006-05-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2006-06-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2006-09-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2007-02-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

SCHOLL CANYON LDFL (Continued) **1000978144**

Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2007-08-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2008-01-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2008-02-24 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2008-02-25 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2008-06-05 00:00:00

SCHOLL CANYON LDFL (Continued) **1000978144**

Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2008-09-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-02-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-05-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-05-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR

SCHOLL CANYON LDFL (Continued) **1000978144**

Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-05-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-07-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-07-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-07-22 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-03-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09

SCHOLL CANYON LDFL (Continued) **1000978144**

Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-05-17 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-05-18 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-05-19 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-07-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-07-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

SCHOLL CANYON LDFL (Continued) **1000978144**

Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2011-02-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2011-05-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2011-05-06 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2011-05-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2011-05-24 00:00:00

SCHOLL CANYON LDFL (Continued) **1000978144**

Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2012-02-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2012-02-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2012-05-08 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2012-06-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR

SCHOLL CANYON LDFL (Continued) **1000978144**

Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2012-06-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-02-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-05-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2014-02-28 00:00:00
Activity Status Date: 2014-12-30 19:09:17
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2014-05-28 00:00:00
Activity Status Date: 2014-12-30 19:12:40
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 09

SCHOLL CANYON LDFL (Continued) **1000978144**

Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2014-09-04 00:00:00
Activity Status Date: 2014-12-30 18:53:20
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2014-09-04 00:00:00
Activity Status Date: 2014-12-30 19:13:46
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 1998-10-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 1999-08-04 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2000-05-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

SCHOLL CANYON LDFL (Continued) **1000978144**

Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2003-12-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2004-03-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2004-07-06 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2005-02-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2005-03-29 00:00:00

SCHOLL CANYON LDFL (Continued) **1000978144**

Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2006-02-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2006-03-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2006-05-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2006-06-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR

SCHOLL CANYON LDFL (Continued) **1000978144**

Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2006-09-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2007-02-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2007-03-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2007-08-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2008-01-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09

SCHOLL CANYON LDFL (Continued) **1000978144**

Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2008-02-24 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2008-02-25 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2008-06-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2008-09-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2009-02-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

SCHOLL CANYON LDFL (Continued) **1000978144**

Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2009-05-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2009-05-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2009-05-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2009-07-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2009-07-21 00:00:00

SCHOLL CANYON LDFL (Continued) **1000978144**

Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2009-07-22 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2010-03-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2010-05-17 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2010-05-18 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR

SCHOLL CANYON LDFL (Continued) **1000978144**

Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2010-05-19 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2010-07-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2010-07-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2011-02-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2011-05-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09

SCHOLL CANYON LDFL (Continued) **1000978144**

Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2011-05-06 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2011-05-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2011-05-24 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2012-02-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2012-02-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

SCHOLL CANYON LDFL (Continued) **1000978144**

Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2012-05-08 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2012-06-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2012-06-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2013-02-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CC417
Facility Registry ID: 110000781360
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2013-05-28 00:00:00

SCHOLL CANYON LDFL (Continued) **1000978144**

Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

C17 **SOUTHERN CAL EDISON** **SWEEPS UST** **S106932400**
ESE **7888 N FIGUEROA ST** **N/A**
1/8-1/4 **GLENDALE, CA 91206**
0.218 mi.
1149 ft. **Site 1 of 3 in cluster C**

Relative:
Lower

Actual:
948 ft.

SWEEPS UST:
Status: Active
Comp Number: 13244
Number: 9
Board Of Equalization: Not reported
Referral Date: 12-11-90
Action Date: 12-11-90
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: Not reported
Tank Status: Not reported
Capacity: Not reported
Active Date: Not reported
Tank Use: Not reported
STG: Not reported
Content: Not reported
Number Of Tanks: Not reported

C18 **EAGLE ROCK SUBSTATION** **HIST UST** **U001570474**
East **7888 N FIGUEROA ST** **N/A**
1/8-1/4 **LOS ANGELES, CA 91770**
0.220 mi.
1160 ft. **Site 2 of 3 in cluster C**

Relative:
Lower

Actual:
946 ft.

HIST UST:
Region: STATE
Facility ID: 00000022226
Facility Type: Other
Other Type: ELECTRIC UTILITY
Contact Name: E V REEVES
Telephone: 8185721801
Owner Name: SOUTHERN CALIFORNIA EDISON CO.
Owner Address: 2244 WALNUT GROVE AVENUE
Owner City,St,Zip: ROSEMEAD, CA 91770
Total Tanks: 0002

Tank Num: 001
Container Num: 285
Year Installed: Not reported
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

EAGLE ROCK SUBSTATION (Continued) **U001570474**

Tank Num:	002
Container Num:	286
Year Installed:	Not reported
Tank Capacity:	00000300
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

C19 **SO CAL EDISON CO** **SWEEPS UST** **S101586873**
East **7888 N FIGUEROA ST** **CA FID UST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90042** **EMI**
0.220 mi. **LOS ANGELES CO. HMS**
1160 ft. **Site 3 of 3 in cluster C**

Relative:
Lower

Actual:
946 ft.

SWEEPS UST:

Status:	Not reported
Comp Number:	6915
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	Not reported

CA FID UST:

Facility ID:	19054559
Regulated By:	UTNKI
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2130000000
Mail To:	Not reported
Mailing Address:	7888 N FIGUEROA ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LOS ANGELES 900420000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Inactive

EMI:

Year:	1990
County Code:	19
Air Basin:	SC
Facility ID:	20624

SO CAL EDISON CO (Continued) **S101586873**

Air District Name:	SC
SIC Code:	4911
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	2
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1995
County Code:	19
Air Basin:	SC
Facility ID:	20624
Air District Name:	SC
SIC Code:	4911
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

LOS ANGELES CO. HMS:

Region:	LA
Facility Id:	012987-013244
Facility Type:	Not reported
Facility Status:	Removed
Area:	3F
Permit Number:	Not reported
Permit Status:	Not reported

D20 **DEPARTMENT OF WATER AND POWER** **SWEEPS UST** **S101584609**
South **5403 HILLMONT AVE** **CA FID UST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90041**
0.221 mi.
1165 ft. **Site 1 of 3 in cluster D**

Relative:
Lower

Actual:
827 ft.

SWEEPS UST:

Status:	Active
Comp Number:	3912
Number:	4
Board Of Equalization:	Not reported
Referral Date:	08-26-92
Action Date:	08-26-92
Created Date:	02-29-88
Owner Tank Id:	3912-1
SWRCB Tank Id:	19-050-003912-000001
Tank Status:	A
Capacity:	500

DEPARTMENT OF WATER AND POWER (Continued) **S101584609**

Active Date: 02-20-93
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 1

CA FID UST:
Facility ID: 19013342
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2134817962
Mail To: Not reported
Mailing Address: 5403 HILLMONT AVE
Mailing Address 2: Not reported
Mailing City,St,Zip: LOS ANGELES 900410000
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

D21 **EAGLE ROCK CHLORINE PLANT** **HIST UST** **U001561677**
South **5403 HILLMONT AVE** **N/A**
1/8-1/4 **LOS ANGELES, CA 90041**
0.221 mi.
1165 ft. **Site 2 of 3 in cluster D**

Relative:
Lower

Actual:
827 ft.

HIST UST:
Region: STATE
Facility ID: 00000064824
Facility Type: Other
Other Type: WATER/ELECTRIC UTILI
Contact Name: DAN SAENZ
Telephone: 2134813146
Owner Name: DEPT. OF WATER AND POWER
Owner Address: 111 N. HOPE STREET
Owner City,St,Zip: LOS ANGELES, CA 90012
Total Tanks: 0001

Tank Num: 001
Container Num: 0076/GAS
Year Installed: 1950
Tank Capacity: 00000120
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: None

D22 **HILLMONT PUMP STATION** **UST** **U001561687**
South **5403 HILLMONT AVE** **HIST UST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90041**
0.221 mi.
1165 ft. **Site 3 of 3 in cluster D**

Relative:
Lower

Actual:
827 ft.

UST:
Facility ID: 25250
Permitting Agency: LOS ANGELES, CITY OF
Latitude: 34.14354
Longitude: -118.19128

HIST UST:
Region: STATE
Facility ID: 00000064896
Facility Type: Other
Other Type: WATER/ELECTRIC UTILI
Contact Name: RON MCCOY
Telephone: 2134816240
Owner Name: DEPARTMENT OF WATER AND POWER
Owner Address: 111 N. HOPE STREET
Owner City,St,Zip: LOS ANGELES, CA 90012
Total Tanks: 0001

Tank Num: 001
Container Num: 0217/DIESE
Year Installed: 1951
Tank Capacity: 00000120
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: None

E23 **EAGLE ROCK TRIANGLE** **LUST** **S105051359**
South **1000 COLORADO BLVD** **N/A**
1/4-1/2 **EAGLE ROCK, CA 90041**
0.428 mi.
2260 ft. **Site 1 of 2 in cluster E**

Relative:
Lower

Actual:
742 ft.

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 900410061
Status: Case Closed
Substance: Gasoline
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Groundwater
Abatement Method Used at the Site: Excavate and Dispose
Global ID: T0603700992
W Global ID: Not reported
Staff: UNK
Local Agency: 19050
Cross Street: FIGUEROA STREET
Enforcement Type: Not reported
Date Leak Discovered: Not reported
Date Leak First Reported: 9/20/1989
Date Leak Record Entered: 9/25/1989

EAGLE ROCK TRIANGLE (Continued) **S105051359**

Date Confirmation Began:	Not reported	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		4/15/1994
Date the Case was Closed:		9/13/1993
How Leak Discovered:	Not reported	
How Leak Stopped:	Not reported	
Cause of Leak:	Not reported	
Leak Source:	Not reported	
Operator:	Not reported	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		10517.212683842676268651368839
Source of Cleanup Funding:		Not reported
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		9/20/1989
Remediation Plan Submitted:		1/30/1991
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Yes
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	EAGLE ROCK TRIANGLE	
RP Address:	P O BOX 2130, TOLUCA LAKE, CA 91602	
Program:	LUST	
Lat/Long:	34.1380038 / -1	
Local Agency Staff:	PEJ	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	CASE CLOSED ON 09/13/93.	

E24 **EAGLE ROCK TRIANGLE A CALIF** **LUST** **S101582983**
South **1000 COLORADO BLVD** **SWEEPS UST** **N/A**
1/4-1/2 **LOS ANGELES, CA 90041** **CA FID UST**
0.428 mi. **HIST CORTESE**
2260 ft. **Site 2 of 2 in cluster E** **LA Co. Site Mitigation**

Relative:
Lower

Actual:
742 ft.

LUST:

Region:	STATE
Global Id:	T0603700992
Latitude:	34.1380038
Longitude:	-118.1873598
Case Type:	Not reported
Status:	Completed - Case Closed
Status Date:	09/13/1993
Lead Agency:	Not reported
Case Worker:	YR
Local Agency:	Not reported
RB Case Number:	900410061

EAGLE ROCK TRIANGLE A CALIF (Continued) **S101582983**

LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

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

Contact:
Global Id: T0603700992
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0603700992
Contact Type: Local Agency Caseworker
Contact Name: ELOY LUNA
Organization Name: LOS ANGELES, CITY OF
Address: 200 North Main Street, Suite 1780
City: LOS ANGELES
Email: eloy.luna@lacity.org
Phone Number: Not reported

Status History:
Global Id: T0603700992
Status: Completed - Case Closed
Status Date: 09/13/1993

Global Id: T0603700992
Status: Open - Case Begin Date
Status Date: 09/20/1989

Global Id: T0603700992
Status: Open - Remediation
Status Date: 01/30/1991

Global Id: T0603700992
Status: Open - Site Assessment
Status Date: 09/20/1989

Regulatory Activities:
Global Id: T0603700992
Action Type: Other
Date: 09/20/1989
Action: Leak Reported

SWEEPS UST:
Status: Not reported
Comp Number: 7354
Number: Not reported
Board Of Equalization: Not reported

EAGLE ROCK TRIANGLE A CALIF (Continued) **S101582983**

Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: Not reported
Tank Status: Not reported
Capacity: Not reported
Active Date: Not reported
Tank Use: Not reported
STG: Not reported
Content: Not reported
Number Of Tanks: 0

CA FID UST:
Facility ID: 19002123
Regulated By: UTNKI
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2130000000
Mail To: Not reported
Mailing Address: 1000 COLORADO BLVD
Mailing Address 2: Not reported
Mailing City,St,Zip: LOS ANGELES 900410000
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Inactive

HIST CORTESE:
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: 900410061

LA Co. Site Mitigation:
Facility ID: Not reported
Site ID: SD0011793
Jurisdiction: County
Case ID: RO0000809
Abated: Not reported
Assigned To: Not reported
Entered Date: 05/11/2004

25
WSW
1/4-1/2
0.500 mi.
2639 ft.

MOBIL #11-H3K
1600 HILL
LOS ANGELES, CA 90015

HIST CORTESE **S101297032**
N/A

Relative:
Lower

Actual:
753 ft.

HIST CORTESE:

Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	900150098

26
South
1/2-1
0.966 mi.
5101 ft.

SPENCE PROPERTY AKA DRY CLEANER IN EAGLE ROCK
7047-7051 NORTH FIGUEROA STREET
LOS ANGELES, CA 90042

RESPONSE **S109149594**
ENVIROSTOR **N/A**
LIENS
Cortese

Relative:
Lower

Actual:
715 ft.

RESPONSE:

Facility ID:	60000305
Site Type:	State Response
Site Type Detail:	State Response or NPL
Acres:	0.5
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Lori Parnass
Supervisor:	Juli Propes
Division Branch:	Cleanup Chatsworth
Site Code:	301285
Site Mgmt. Req.:	NONE SPECIFIED
Assembly:	51
Senate:	24
Special Program Status:	Not reported
Status:	Active
Status Date:	05/05/2006
Restricted Use:	NO
Funding:	Orphan Funds
Latitude:	34.13054
Longitude:	-118.1885
APN:	224200089
Past Use:	DRY CLEANING
Potential COC :	Tetrachloroethylene (PCE Carbon tetrachloride
Confirmed COC:	Tetrachloroethylene (PCE 30116-NO
Potential Description:	OTH, SOIL, SV
Alias Name:	Spence Property
Alias Type:	Alternate Name
Alias Name:	224200089
Alias Type:	APN
Alias Name:	110033617780
Alias Type:	EPA (FRS #)
Alias Name:	301285
Alias Type:	Project Code (Site Code)
Alias Name:	60000305
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	State/Federal Funded Site Contract Fiscal Approval (CFA)

SPENCE PROPERTY AKA DRY CLEANER IN EAGLE ROCK (Continued) **S109149594**

Completed Date: 11/20/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 06/22/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 05/20/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Field Order
Completed Date: 07/09/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 03/13/2007
Comments: final approved

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 07/13/2007
Comments: completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 10/05/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 05/14/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Implementation Workplan
Completed Date: 07/08/2008
Comments: completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 10/29/2008
Comments: approved

SPENCE PROPERTY AKA DRY CLEANER IN EAGLE ROCK (Continued) **S109149594**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/12/2009
Comments: attached

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 11/26/2009
Comments: done

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Design - Preliminary/Intermediate
Completed Date: 11/03/2009
Comments: done

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 10/30/2009
Comments: done

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 06/02/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 12/30/2009
Comments: done

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 06/15/2010
Comments: complete

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 11/27/2010
Comments: done

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/29/2010
Comments: complete

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan w/ESD

SPENCE PROPERTY AKA DRY CLEANER IN EAGLE ROCK (Continued) **S109149594**

Completed Date: 01/03/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 12/02/2010
Comments: done

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 06/09/2011
Comments: soil removal completed - soil vapor issues remain

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Workplan
Completed Date: 07/10/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 02/23/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 03/16/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 01/22/2013
Comments: increasing soil vapor concentrations require further action

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 10/31/2013
Comments: soil vapor and groudnwater monitoring conducted

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 10/03/2013
Comments: Soil vapor samplng indicated that an increasing vapor trend over 3 monitoring periods and then a decrease. Vapor concentrations of PCE detected from 0.03 ug/l to 109.92 ug/l and TCE from 0.05 ug/l to 0.76 ug/l.Groundwater concentrations of PCE detected from 0.55 ug/l to 47 ug/l; TCE detected from 0.63 ug/l to 3.0 ug/l and cis-1-2-dce was detected at 0.53 ug/l.

Completed Area Name: PROJECT WIDE

SPENCE PROPERTY AKA DRY CLEANER IN EAGLE ROCK (Continued) **S109149594**

Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 09/24/2014
Comments: An increase in vapor at the area of concern requires additional consideration

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 10/09/2014
Comments: done

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 06/27/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Report
Completed Date: 07/09/2015
Comments: approved

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 12/30/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 02/11/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 09/30/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 06/09/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 11/07/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)

SPENCE PROPERTY AKA DRY CLEANER IN EAGLE ROCK (Continued) **S109149594**

Completed Date: 10/25/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Lien
Completed Date: 08/22/2008
Comments: Lien placed on property for $350,000 expenditure

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 03/26/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 01/19/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 02/20/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 05/05/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 02/08/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 01/11/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 06/10/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 12/31/2010
Comments: Not reported

SPENCE PROPERTY AKA DRY CLEANER IN EAGLE ROCK (Continued) **S109149594**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 12/31/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Orphan Site Designation
Completed Date: 06/30/2015
Comments: completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 11/21/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Imminent and/or Substantial Endangerment Order
Completed Date: 02/06/2007
Comments: IS&E completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Lien
Completed Date: 09/05/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 03/29/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Imminent and/or Subst. Endangerment Determination
Completed Date: 07/17/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 01/11/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 02/08/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Field Order

SPENCE PROPERTY AKA DRY CLEANER IN EAGLE ROCK (Continued) **S109149594**

Completed Date: 05/25/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 12/30/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 12/31/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 12/29/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Imminent and/or Substantial Endangerment Order
Completed Date: 05/06/2008
Comments: completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 03/11/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 03/24/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 12/28/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 03/05/2008
Comments: Not reported

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Certification
Future Due Date: 2021
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported

SPENCE PROPERTY AKA DRY CLEANER IN EAGLE ROCK (Continued) **S109149594**

Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ENVIROSTOR:
Facility ID: 60000305
Status: Active
Status Date: 05/05/2006
Site Code: 301285
Site Type: State Response
Site Type Detailed: State Response or NPL
Acres: 0.5
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Lori Parnass
Supervisor: Juli Propes
Division Branch: Cleanup Chatsworth
Assembly: 51
Senate: 24
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Orphan Funds
Latitude: 34.13054
Longitude: -118.1885
APN: 224200089
Past Use: DRY CLEANING
Potential COC: Tetrachloroethylene (PCE Carbon tetrachloride Tetrachloroethylene (PCE Carbon tetrachloride
Confirmed COC: Tetrachloroethylene (PCE 30116-NO Tetrachloroethylene (PCE 30116-NO
Potential Description: OTH, SOIL, SV
Alias Name: Spence Property
Alias Type: Alternate Name
Alias Name: 224200089
Alias Type: APN
Alias Name: 110033617780
Alias Type: EPA (FRS #)
Alias Name: 301285
Alias Type: Project Code (Site Code)
Alias Name: 60000305
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 11/20/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 06/22/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE

SPENCE PROPERTY AKA DRY CLEANER IN EAGLE ROCK (Continued) **S109149594**

Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 05/20/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Field Order
Completed Date: 07/09/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 03/13/2007
Comments: final approved

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 07/13/2007
Comments: completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 10/05/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 05/14/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Implementation Workplan
Completed Date: 07/08/2008
Comments: completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 10/29/2008
Comments: approved

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/12/2009
Comments: attached

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 11/26/2009

SPENCE PROPERTY AKA DRY CLEANER IN EAGLE ROCK (Continued) **S109149594**

Comments: done

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Design - Preliminary/Intermediate
Completed Date: 11/03/2009
Comments: done

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 10/30/2009
Comments: done

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 06/02/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 12/30/2009
Comments: done

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 06/15/2010
Comments: complete

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 11/27/2010
Comments: done

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/29/2010
Comments: complete

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan w/ESD
Completed Date: 01/03/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 12/02/2010
Comments: done

Completed Area Name: PROJECT WIDE

SPENCE PROPERTY AKA DRY CLEANER IN EAGLE ROCK (Continued) **S109149594**

Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 06/09/2011
Comments: soil removal completed - soil vapor issues remain

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Workplan
Completed Date: 07/10/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 02/23/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 03/16/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 01/22/2013
Comments: increasing soil vapor concentrations require further action

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 10/31/2013
Comments: soil vapor and groudnwater monitoring conducted

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 10/03/2013
Comments: Soil vapor samplng indicated that an increasing vapor trend over 3 monitoring periods and then a decrease. Vapor concentrations of PCE detected from 0.03 ug/l to 109.92 ug/l and TCE from 0.05 ug/l to 0.76 ug/l.Groundwater concentrations of PCE detected from 0.55 ug/l to 47 ug/l; TCE detected from 0.63 ug/l to 3.0 ug/l and cis-1-2-dce was detected at 0.53 ug/l.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 09/24/2014
Comments: An increase in vapor at the area of concern requires additional consideration

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 10/09/2014

SPENCE PROPERTY AKA DRY CLEANER IN EAGLE ROCK (Continued) **S109149594**

Comments: done

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 06/27/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Report
Completed Date: 07/09/2015
Comments: approved

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 12/30/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 02/11/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 09/30/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 06/09/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 11/07/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 10/25/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Lien
Completed Date: 08/22/2008
Comments: Lien placed on property for $350,000 expenditure

Completed Area Name: PROJECT WIDE

SPENCE PROPERTY AKA DRY CLEANER IN EAGLE ROCK (Continued) **S109149594**

Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 03/26/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 01/19/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 02/20/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 05/05/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 02/08/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 01/11/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 06/10/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 12/31/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 12/31/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Orphan Site Designation
Completed Date: 06/30/2015

SPENCE PROPERTY AKA DRY CLEANER IN EAGLE ROCK (Continued) **S109149594**

Comments: completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 11/21/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Imminent and/or Substantial Endangerment Order
Completed Date: 02/06/2007
Comments: IS&E completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Lien
Completed Date: 09/05/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 03/29/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Imminent and/or Subst. Endangerment Determination
Completed Date: 07/17/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 01/11/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 02/08/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Field Order
Completed Date: 05/25/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 12/30/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE

SPENCE PROPERTY AKA DRY CLEANER IN EAGLE ROCK (Continued) **S109149594**

Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 12/31/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 12/29/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Imminent and/or Substantial Endangerment Order
Completed Date: 05/06/2008
Comments: completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 03/11/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 03/24/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 12/28/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 03/05/2008
Comments: Not reported

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Certification
Future Due Date: 2021
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

LIENS:
Envirostor Id: 60000305
Latitude: 35.13861
Longitude: -118.18861
Project Mgr: LORI PARNASS
Project Code: 301285

SPENCE PROPERTY AKA DRY CLEANER IN EAGLE ROCK (Continued) **S109149594**

If Satisfied: NO
Date Satisfied: Not reported
Site Status: ACTIVE
Site Type: STATE RESPONSE OR NPL
Completed: 08/22/2008
Lien Amount: $350,000.00
Amount Remaining: Not reported
Description: The Site is located in a commercial/residential neighborhood and consists of one parcel identified as Lot 51 and Lot 52 of Annandale View Terrace, in the City of Los Angeles, County of Los Angeles, as recorded in Book 11, Page 24. The Assessor's Parcel Number is 5480-012-016. Historic records indicate that a dry-cleaning operation was located in the retail portion of the northern parcel from the 1940s to the mid 1970s. In 2005, the City of Los Angeles identified both parcels for nuisance conditions and filed a Notice to Abate Vacant Structure and File Statement of Intent on March 14, 2005 for the southern parcel. Eviction proceedings have been continuing for the residents on the northern parcel. The site has been secured by chain-link fencing on the east and west, however, trespassers continue to inhabit the northern and southern parcels.

Envirostor Id: 60000305
Latitude: 35.13861
Longitude: -118.18861
Project Mgr: LORI PARNASS
Project Code: 301285
If Satisfied: NO
Date Satisfied: Not reported
Site Status: ACTIVE
Site Type: STATE RESPONSE OR NPL
Completed: 09/05/2014
Lien Amount: $1,541,892.39
Amount Remaining: Not reported
Description: The Site is located in a commercial/residential neighborhood and consists of one parcel identified as Lot 51 and Lot 52 of Annandale View Terrace, in the City of Los Angeles, County of Los Angeles, as recorded in Book 11, Page 24. The Assessor's Parcel Number is 5480-012-016. Historic records indicate that a dry-cleaning operation was located in the retail portion of the northern parcel from the 1940s to the mid 1970s. In 2005, the City of Los Angeles identified both parcels for nuisance conditions and filed a Notice to Abate Vacant Structure and File Statement of Intent on March 14, 2005 for the southern parcel. Eviction proceedings have been continuing for the residents on the northern parcel. The site has been secured by chain-link fencing on the east and west, however, trespassers continue to inhabit the northern and southern parcels.

CORTESE:
Region: CORTESE
Envirostor Id: 60000305
Site/Facility Type: STATE RESPONSE
Cleanup Status: ACTIVE
Status Date: 05/05/2006
Site Code: 301285
Latitude: 34.13054
Longitude: -118.18855
Owner: Not reported

SPENCE PROPERTY AKA DRY CLEANER IN EAGLE ROCK (Continued) **S109149594**

Enf Type:	Not reported
Swat R:	Not reported
Flag:	envirostor
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported

Count: 0 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
		NO SITES FOUND			

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

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

Date of Government Version: 03/26/2015
Date Data Arrived at EDR: 04/08/2015
Date Made Active in Reports: 06/22/2015
Number of Days to Update: 75

Source: EPA
Telephone: N/A
Last EDR Contact: 07/09/2015
Next Scheduled EDR Contact: 10/19/2015
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 03/26/2015
Date Data Arrived at EDR: 04/08/2015
Date Made Active in Reports: 06/22/2015
Number of Days to Update: 75

Source: EPA
Telephone: N/A
Last EDR Contact: 07/09/2015
Next Scheduled EDR Contact: 10/19/2015
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 03/26/2015
Date Data Arrived at EDR: 04/08/2015
Date Made Active in Reports: 06/22/2015
Number of Days to Update: 75

Source: EPA
Telephone: N/A
Last EDR Contact: 07/09/2015
Next Scheduled EDR Contact: 10/19/2015
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 03/26/2015
Date Data Arrived at EDR: 04/08/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 64

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 07/10/2015
Next Scheduled EDR Contact: 10/19/2015
Data Release Frequency: Varies

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: 10/25/2013
Date Data Arrived at EDR: 11/11/2013
Date Made Active in Reports: 02/13/2014
Number of Days to Update: 94

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 05/29/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 11/11/2013
Date Made Active in Reports: 02/13/2014
Number of Days to Update: 94

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 05/29/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/10/2015
Date Data Arrived at EDR: 03/31/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 72

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/26/2015
Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/10/2015
Date Data Arrived at EDR: 03/31/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 72

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/26/2015
Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 03/10/2015
Date Data Arrived at EDR: 03/31/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 72

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/26/2015
Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/10/2015
Date Data Arrived at EDR: 03/31/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 72

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/26/2015
Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/10/2015
Date Data Arrived at EDR: 03/31/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 72

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/26/2015
Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/28/2015
Date Data Arrived at EDR: 05/29/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 13

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 08/12/2015
Next Scheduled EDR Contact: 11/30/2015
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 06/09/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/02/2015
Number of Days to Update: 68

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/31/2015
Next Scheduled EDR Contact: 12/14/2015
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 06/09/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/02/2015
Number of Days to Update: 68

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/31/2015
Next Scheduled EDR Contact: 12/14/2015
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 03/30/2015
Date Data Arrived at EDR: 03/31/2015
Date Made Active in Reports: 06/02/2015
Number of Days to Update: 63

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 06/26/2015
Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Annually

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

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

Date of Government Version: 08/03/2015
Date Data Arrived at EDR: 08/04/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 30

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/04/2015
Next Scheduled EDR Contact: 11/16/2015
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

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

Date of Government Version: 08/03/2015
Date Data Arrived at EDR: 08/04/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 30

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/04/2015
Next Scheduled EDR Contact: 11/16/2015
Data Release Frequency: Quarterly

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

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 08/17/2015
Date Data Arrived at EDR: 08/18/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 16

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 08/18/2015
Next Scheduled EDR Contact: 11/30/2015
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST: Geotracker's Leaking Underground Fuel Tank Report

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state. For more information on a particular leaking underground storage tank sites, please contact the appropriate regulatory agency.

Date of Government Version: 06/15/2015
Date Data Arrived at EDR: 06/17/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 06/17/2015
Next Scheduled EDR Contact: 09/28/2015
Data Release Frequency: Quarterly

LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks
California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: 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: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 02/03/2015
Date Data Arrived at EDR: 02/12/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 29

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/22/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 01/08/2015
Date Data Arrived at EDR: 01/08/2015
Date Made Active in Reports: 02/09/2015
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 07/31/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Quarterly

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/30/2015
Date Data Arrived at EDR: 05/05/2015
Date Made Active in Reports: 06/22/2015
Number of Days to Update: 48

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 07/22/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 03/30/2015
Date Data Arrived at EDR: 04/28/2015
Date Made Active in Reports: 06/22/2015
Number of Days to Update: 55

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/22/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 03/17/2015
Date Data Arrived at EDR: 05/01/2015
Date Made Active in Reports: 06/22/2015
Number of Days to Update: 52

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 07/22/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/03/2015
Date Data Arrived at EDR: 04/30/2015
Date Made Active in Reports: 06/22/2015
Number of Days to Update: 53

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/31/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 09/30/2014
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 10

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 07/22/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Semi-Annually

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/30/2015
Date Data Arrived at EDR: 05/29/2015
Date Made Active in Reports: 06/22/2015
Number of Days to Update: 24

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 07/22/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Varies

SLIC: Statewide SLIC Cases
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 06/15/2015
Date Data Arrived at EDR: 06/17/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/17/2015
Next Scheduled EDR Contact: 09/28/2015
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: Semi-Annually

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: Annually

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 07/10/2015
Next Scheduled EDR Contact: 10/28/2015
Data Release Frequency: Varies

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 06/15/2015
Date Data Arrived at EDR: 06/17/2015
Date Made Active in Reports: 07/06/2015
Number of Days to Update: 19

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 06/17/2015
Next Scheduled EDR Contact: 09/28/2015
Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 08/01/2009
Date Data Arrived at EDR: 09/10/2009
Date Made Active in Reports: 10/01/2009
Number of Days to Update: 21

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 07/13/2015
Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Quarterly

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 09/30/2014
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 10

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 07/22/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/30/2015
Date Data Arrived at EDR: 05/26/2015
Date Made Active in Reports: 06/22/2015
Number of Days to Update: 27

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 07/22/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 03/17/2015
Date Data Arrived at EDR: 05/01/2015
Date Made Active in Reports: 06/22/2015
Number of Days to Update: 52

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 07/22/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 09/23/2014
Date Data Arrived at EDR: 11/25/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 65

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/22/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 04/30/2015
Date Data Arrived at EDR: 05/05/2015
Date Made Active in Reports: 06/22/2015
Number of Days to Update: 48

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 07/22/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 05/06/2015
Date Data Arrived at EDR: 05/19/2015
Date Made Active in Reports: 06/22/2015
Number of Days to Update: 34

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/22/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 02/03/2015
Date Data Arrived at EDR: 04/30/2015
Date Made Active in Reports: 06/22/2015
Number of Days to Update: 53

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/31/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 12/14/2014
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 28

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 07/31/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 09/29/2014
Date Data Arrived at EDR: 10/01/2014
Date Made Active in Reports: 11/06/2014
Number of Days to Update: 36

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 06/26/2015
Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties
Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 08/03/2015
Date Data Arrived at EDR: 08/04/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 30

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/04/2015
Next Scheduled EDR Contact: 11/16/2015
Data Release Frequency: Quarterly

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfieds Sites Listing
A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 06/08/2015
Date Data Arrived at EDR: 06/09/2015
Date Made Active in Reports: 07/10/2015
Number of Days to Update: 31

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 06/05/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/22/2015
Date Data Arrived at EDR: 06/24/2015
Date Made Active in Reports: 09/02/2015
Number of Days to Update: 70

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/24/2015
Next Scheduled EDR Contact: 10/05/2015
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 08/04/2015
Next Scheduled EDR Contact: 11/23/2015
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 06/15/2015
Date Data Arrived at EDR: 06/17/2015
Date Made Active in Reports: 08/03/2015
Number of Days to Update: 47

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/17/2015
Next Scheduled EDR Contact: 09/28/2015
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 05/26/2015
Date Data Arrived at EDR: 05/28/2015
Date Made Active in Reports: 06/05/2015
Number of Days to Update: 8

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 08/12/2015
Next Scheduled EDR Contact: 11/30/2015
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 05/01/2015
Next Scheduled EDR Contact: 08/17/2015
Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/22/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39
Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register
A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 02/25/2015
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/25/2015
Number of Days to Update: 15
Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/29/2015
Next Scheduled EDR Contact: 09/14/2015
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database
The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21
Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program
This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 08/03/2015
Date Data Arrived at EDR: 08/04/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 30
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/04/2015
Next Scheduled EDR Contact: 11/16/2015
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs
A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/18/2015
Number of Days to Update: 8
Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 08/07/2015
Next Scheduled EDR Contact: 10/28/2015
Data Release Frequency: Varies

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 02/25/2015
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/25/2015
Number of Days to Update: 15

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/29/2015
Next Scheduled EDR Contact: 09/14/2015
Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

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

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/23/2009
Date Data Arrived at EDR: 09/23/2009
Date Made Active in Reports: 10/01/2009
Number of Days to Update: 8

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 06/01/2015
Next Scheduled EDR Contact: 09/14/2015
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Land Records

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 06/11/2015
Date Data Arrived at EDR: 06/16/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 28

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 06/05/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/18/2014
Date Data Arrived at EDR: 03/18/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 37

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 07/22/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Varies

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 06/08/2015
Date Data Arrived at EDR: 06/09/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 35

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 06/09/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/24/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/02/2015
Number of Days to Update: 68

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 06/26/2015
Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Annually

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 06/15/2015
Date Data Arrived at EDR: 07/28/2015
Date Made Active in Reports: 08/03/2015
Number of Days to Update: 6

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 07/28/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Varies

LDS: Land Disposal Sites Listing

The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management units.

Date of Government Version: 06/15/2015
Date Data Arrived at EDR: 06/17/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 27

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/17/2015
Next Scheduled EDR Contact: 09/28/2015
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing

The State Water Resources Control Board and nine Regional Water Quality Control Boards partner with the Department of Defense (DoD) through the Defense and State Memorandum of Agreement (DSMOA) to oversee the investigation and remediation of water quality issues at military facilities.

Date of Government Version: 06/15/2015
Date Data Arrived at EDR: 06/17/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/17/2015
Next Scheduled EDR Contact: 09/28/2015
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/10/2015
Date Data Arrived at EDR: 03/31/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 72

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/26/2015
Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Varies

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: 06/06/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 8

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 07/08/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 07/14/2015
Next Scheduled EDR Contact: 10/28/2015
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 07/14/2015
Next Scheduled EDR Contact: 10/28/2015
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 05/21/2015
Next Scheduled EDR Contact: 08/31/2015
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 03/09/2015
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/25/2015
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 08/12/2015
Next Scheduled EDR Contact: 11/30/2015
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 08/04/2015
Next Scheduled EDR Contact: 11/23/2015
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 04/22/2013
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 05/14/2015
Next Scheduled EDR Contact: 08/24/2015
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 01/15/2015
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 14

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 06/25/2015
Next Scheduled EDR Contact: 10/05/2015
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 02/12/2015
Date Made Active in Reports: 06/02/2015
Number of Days to Update: 110

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 01/29/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 07/22/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 11/25/2013
Date Data Arrived at EDR: 12/12/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 74

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 06/12/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 02/01/2015
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 03/25/2015
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 07/22/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 10/17/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 3

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 05/14/2015
Next Scheduled EDR Contact: 08/24/2015
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 10/15/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 33

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 07/17/2015
Next Scheduled EDR Contact: 10/28/2015
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 01/23/2015
Date Data Arrived at EDR: 02/06/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 07/09/2015
Next Scheduled EDR Contact: 10/28/2015
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 05/20/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 05/20/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Quarterly

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 03/31/2015
Date Data Arrived at EDR: 04/09/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 63
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 06/04/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 07/13/2015
Next Scheduled EDR Contact: 10/28/2015
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 06/12/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 07/31/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 04/07/2015
Date Data Arrived at EDR: 04/09/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 07/09/2015
Next Scheduled EDR Contact: 10/19/2015
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 08/04/2015
Next Scheduled EDR Contact: 11/16/2015
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 04/17/2015
Date Made Active in Reports: 06/02/2015
Number of Days to Update: 46

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 06/22/2015
Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 02/26/2013
Date Made Active in Reports: 04/19/2013
Number of Days to Update: 52

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 05/29/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 07/14/2015
Next Scheduled EDR Contact: 10/28/2015
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.

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 05/26/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 11/25/2014
Date Data Arrived at EDR: 11/26/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 64

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 07/07/2015
Next Scheduled EDR Contact: 10/19/2015
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 07/22/2015
Date Data Arrived at EDR: 07/24/2015
Date Made Active in Reports: 09/02/2015
Number of Days to Update: 40

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 06/22/2015
Next Scheduled EDR Contact: 10/05/2015
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 07/22/2015
Date Data Arrived at EDR: 07/24/2015
Date Made Active in Reports: 09/02/2015
Number of Days to Update: 40

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 06/22/2015
Next Scheduled EDR Contact: 10/22/2015
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 05/14/2015
Date Data Arrived at EDR: 06/03/2015
Date Made Active in Reports: 09/02/2015
Number of Days to Update: 91

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 09/01/2015
Next Scheduled EDR Contact: 12/14/2015
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 06/05/2015
Next Scheduled EDR Contact: 09/14/2015
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 06/05/2015
Next Scheduled EDR Contact: 09/14/2015
Data Release Frequency: Varies

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 01/18/2015
Date Data Arrived at EDR: 02/27/2015
Date Made Active in Reports: 03/25/2015
Number of Days to Update: 26

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 06/10/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan

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

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 06/24/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 18

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 06/26/2015
Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Quarterly

DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 02/18/2015
Date Data Arrived at EDR: 02/20/2015
Date Made Active in Reports: 03/12/2015
Number of Days to Update: 20

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 07/31/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Annually

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 03/25/2014
Date Made Active in Reports: 04/28/2014
Number of Days to Update: 34

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 06/25/2015
Next Scheduled EDR Contact: 10/05/2015
Data Release Frequency: Varies

ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 04/30/2015
Date Data Arrived at EDR: 05/01/2015
Date Made Active in Reports: 05/13/2015
Number of Days to Update: 12

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 08/07/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 08/03/2015
Date Data Arrived at EDR: 08/06/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 28

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 07/24/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 08/17/2015
Date Data Arrived at EDR: 08/18/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 16

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 08/14/2015
Next Scheduled EDR Contact: 11/30/2015
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 10/15/2014
Date Made Active in Reports: 11/19/2014
Number of Days to Update: 35

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 07/17/2015
Next Scheduled EDR Contact: 10/28/2015
Data Release Frequency: Annually

HIST CORTESE: Hazardous Waste & Substance Site List

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

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

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

Date of Government Version: 05/26/2015
Date Data Arrived at EDR: 05/28/2015
Date Made Active in Reports: 06/05/2015
Number of Days to Update: 8

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/28/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 07/13/2015
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 08/03/2015
Number of Days to Update: 20

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 07/14/2015
Next Scheduled EDR Contact: 10/28/2015
Data Release Frequency: Quarterly

MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 06/15/2015
Date Data Arrived at EDR: 06/17/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 27

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 06/17/2015
Next Scheduled EDR Contact: 09/28/2015
Data Release Frequency: Varies

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 05/07/2015
Date Data Arrived at EDR: 06/09/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 35

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 06/09/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 05/18/2015
Date Data Arrived at EDR: 05/20/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 22

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 05/20/2015
Next Scheduled EDR Contact: 08/31/2015
Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing

A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 06/07/2015
Date Data Arrived at EDR: 06/10/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 34

Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 06/10/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Quarterly

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 06/15/2015
Date Data Arrived at EDR: 06/17/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 27

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/17/2015
Next Scheduled EDR Contact: 09/28/2015
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records

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

Date of Government Version: 10/21/1993
Date Data Arrived at EDR: 11/01/1993
Date Made Active in Reports: 11/19/1993
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 06/17/2015
Next Scheduled EDR Contact: 10/05/2015
Data Release Frequency: No Update Planned

UIC: UIC Listing

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 11/19/2014
Date Data Arrived at EDR: 12/15/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 45

Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 06/19/2015
Next Scheduled EDR Contact: 09/28/2015
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing

Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water board?s review found that more than one-third of the region?s active disposal pits are operating without permission.

Date of Government Version: 04/15/2015
Date Data Arrived at EDR: 04/17/2015
Date Made Active in Reports: 06/23/2015
Number of Days to Update: 67

Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 07/13/2015
Next Scheduled EDR Contact: 10/28/2015
Data Release Frequency: Varies

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 05/20/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Quarterly

WIP: Well Investigation Program Case List
Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 06/22/2015
Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants
The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations
EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners
EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 07/21/2015
Date Data Arrived at EDR: 07/24/2015
Date Made Active in Reports: 08/05/2015
Number of Days to Update: 12

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 08/10/2015
Next Scheduled EDR Contact: 10/28/2015
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 07/21/2015
Date Data Arrived at EDR: 07/22/2015
Date Made Active in Reports: 08/03/2015
Number of Days to Update: 12

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 07/13/2015
Next Scheduled EDR Contact: 10/28/2015
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA Facility List
Cupa Facility List

Date of Government Version: 06/05/2015
Date Data Arrived at EDR: 06/09/2015
Date Made Active in Reports: 07/10/2015
Number of Days to Update: 31

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 06/05/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA Facility Listing
Cupa facility list.

Date of Government Version: 11/20/2014
Date Data Arrived at EDR: 11/24/2014
Date Made Active in Reports: 01/07/2015
Number of Days to Update: 44

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 07/13/2015
Next Scheduled EDR Contact: 10/28/2015
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 07/15/2015
Date Data Arrived at EDR: 07/17/2015
Date Made Active in Reports: 08/03/2015
Number of Days to Update: 17

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 06/22/2015
Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 06/11/2014
Date Data Arrived at EDR: 06/13/2014
Date Made Active in Reports: 07/07/2014
Number of Days to Update: 24

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 08/10/2015
Next Scheduled EDR Contact: 11/23/2015
Data Release Frequency: Varies

CONTRA COSTA COUNTY:

Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 05/26/2015
Date Data Arrived at EDR: 05/29/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 13

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 08/03/2015
Next Scheduled EDR Contact: 11/16/2015
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA Facility List
Cupa Facility list

Date of Government Version: 05/20/2015
Date Data Arrived at EDR: 08/03/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 31

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 07/31/2015
Next Scheduled EDR Contact: 11/16/2015
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 05/26/2015
Date Data Arrived at EDR: 05/29/2015
Date Made Active in Reports: 06/05/2015
Number of Days to Update: 7

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 08/03/2015
Next Scheduled EDR Contact: 11/16/2015
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA Resources List
Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 07/13/2015
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 08/03/2015
Number of Days to Update: 20

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 07/06/2015
Next Scheduled EDR Contact: 10/19/2015
Data Release Frequency: Semi-Annually

HUMBOLDT COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 08/04/2015
Date Data Arrived at EDR: 08/07/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 27

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 08/24/2015
Next Scheduled EDR Contact: 12/07/2015
Data Release Frequency: Varies

IMPERIAL COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 08/11/2015
Date Data Arrived at EDR: 08/14/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 20

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 08/07/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Varies

INYO COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 09/11/2013
Date Made Active in Reports: 10/14/2013
Number of Days to Update: 33

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 05/21/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Varies

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 05/19/2015
Date Data Arrived at EDR: 06/18/2015
Date Made Active in Reports: 07/22/2015
Number of Days to Update: 34

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 08/07/2015
Next Scheduled EDR Contact: 11/23/2015
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 05/26/2015
Date Data Arrived at EDR: 05/28/2015
Date Made Active in Reports: 06/15/2015
Number of Days to Update: 18

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 05/21/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Varies

LAKE COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 08/11/2015
Date Data Arrived at EDR: 08/14/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 20

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 07/20/2015
Next Scheduled EDR Contact: 11/02/2015
Data Release Frequency: Varies

LOS ANGELES COUNTY:

San Gabriel Valley Areas of Concern
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 06/17/2015
Next Scheduled EDR Contact: 10/05/2015
Data Release Frequency: No Update Planned

HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 11/24/2014
Date Data Arrived at EDR: 01/30/2015
Date Made Active in Reports: 03/04/2015
Number of Days to Update: 33
Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 07/10/2015
Next Scheduled EDR Contact: 10/28/2015
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 07/20/2015
Date Data Arrived at EDR: 07/21/2015
Date Made Active in Reports: 08/03/2015
Number of Days to Update: 13
Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 07/21/2015
Next Scheduled EDR Contact: 11/02/2015
Data Release Frequency: Varies

City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2015
Date Data Arrived at EDR: 07/27/2015
Date Made Active in Reports: 08/10/2015
Number of Days to Update: 14
Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 07/20/2015
Next Scheduled EDR Contact: 11/02/2015
Data Release Frequency: Varies

Site Mitigation List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 01/15/2015
Date Data Arrived at EDR: 01/29/2015
Date Made Active in Reports: 03/10/2015
Number of Days to Update: 40
Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 07/15/2015
Next Scheduled EDR Contact: 11/02/2015
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 03/30/2015
Date Data Arrived at EDR: 04/02/2015
Date Made Active in Reports: 04/13/2015
Number of Days to Update: 11
Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 07/17/2015
Next Scheduled EDR Contact: 11/02/2015
Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank
Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 03/03/2015
Date Data Arrived at EDR: 05/26/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 16
Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 07/27/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Annually

City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 06/03/2015
Date Data Arrived at EDR: 06/04/2015
Date Made Active in Reports: 07/06/2015
Number of Days to Update: 32
Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 06/04/2015
Next Scheduled EDR Contact: 10/28/2015
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 05/28/2015
Date Data Arrived at EDR: 05/29/2015
Date Made Active in Reports: 06/15/2015
Number of Days to Update: 17

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 05/22/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Varies

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 10/08/2014
Date Data Arrived at EDR: 10/22/2014
Date Made Active in Reports: 12/15/2014
Number of Days to Update: 54

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 07/06/2015
Next Scheduled EDR Contact: 10/19/2015
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 05/22/2015
Date Data Arrived at EDR: 05/26/2015
Date Made Active in Reports: 06/05/2015
Number of Days to Update: 10

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 05/22/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Varies

MONO COUNTY:

CUPA Facility List

CUPA Facility List

Date of Government Version: 06/01/2015
Date Data Arrived at EDR: 06/03/2015
Date Made Active in Reports: 07/06/2015
Number of Days to Update: 33

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 06/01/2015
Next Scheduled EDR Contact: 09/14/2015
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA Facility Listing

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 06/30/2015
Date Data Arrived at EDR: 07/07/2015
Date Made Active in Reports: 07/16/2015
Number of Days to Update: 9

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 05/26/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Varies

NAPA COUNTY:

Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 12/05/2011
Date Data Arrived at EDR: 12/06/2011
Date Made Active in Reports: 02/07/2012
Number of Days to Update: 63
Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 06/01/2015
Next Scheduled EDR Contact: 09/14/2015
Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 01/15/2008
Date Data Arrived at EDR: 01/16/2008
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 23
Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 06/01/2015
Next Scheduled EDR Contact: 09/14/2015
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 06/03/2015
Date Data Arrived at EDR: 06/04/2015
Date Made Active in Reports: 07/22/2015
Number of Days to Update: 48
Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 07/31/2015
Next Scheduled EDR Contact: 11/16/2015
Data Release Frequency: Varies

ORANGE COUNTY:

List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 08/01/2015
Date Data Arrived at EDR: 08/10/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 24
Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 08/06/2015
Next Scheduled EDR Contact: 11/23/2015
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 05/01/2015
Date Data Arrived at EDR: 05/12/2015
Date Made Active in Reports: 06/08/2015
Number of Days to Update: 27
Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/06/2015
Next Scheduled EDR Contact: 08/24/2015
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 08/01/2015
Date Data Arrived at EDR: 08/11/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 23
Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 08/11/2015
Next Scheduled EDR Contact: 11/23/2015
Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 07/01/2015
Date Data Arrived at EDR: 07/07/2015
Date Made Active in Reports: 08/05/2015
Number of Days to Update: 29
Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 06/22/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 07/15/2015
Date Data Arrived at EDR: 07/17/2015
Date Made Active in Reports: 08/03/2015
Number of Days to Update: 17
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/22/2015
Next Scheduled EDR Contact: 10/05/2015
Data Release Frequency: Quarterly

Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 07/15/2015
Date Data Arrived at EDR: 07/17/2015
Date Made Active in Reports: 08/03/2015
Number of Days to Update: 17
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/22/2015
Next Scheduled EDR Contact: 10/05/2015
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 05/07/2015
Date Data Arrived at EDR: 07/24/2015
Date Made Active in Reports: 08/03/2015
Number of Days to Update: 10
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 07/22/2015
Next Scheduled EDR Contact: 10/19/2015
Data Release Frequency: Quarterly

Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 05/07/2015
Date Data Arrived at EDR: 07/27/2015
Date Made Active in Reports: 08/03/2015
Number of Days to Update: 7
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 07/22/2015
Next Scheduled EDR Contact: 10/19/2015
Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

Hazardous Material Permits
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 06/30/2015
Date Data Arrived at EDR: 07/07/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 7

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 08/10/2015
Next Scheduled EDR Contact: 11/23/2015
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 09/23/2013
Date Data Arrived at EDR: 09/24/2013
Date Made Active in Reports: 10/17/2013
Number of Days to Update: 23

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 06/05/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2014
Date Data Arrived at EDR: 11/21/2014
Date Made Active in Reports: 12/29/2014
Number of Days to Update: 38

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 07/22/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Varies

Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 06/03/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

Local Oversite Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 08/06/2015
Next Scheduled EDR Contact: 11/23/2015
Data Release Frequency: Quarterly

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/29/2010
Date Data Arrived at EDR: 03/10/2011
Date Made Active in Reports: 03/15/2011
Number of Days to Update: 5

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 08/06/2015
Next Scheduled EDR Contact: 11/23/2015
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 07/06/2015
Number of Days to Update: 10

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 06/17/2015
Next Scheduled EDR Contact: 10/05/2015
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA Facility List
Cupa Facility List.

Date of Government Version: 05/22/2015
Date Data Arrived at EDR: 05/26/2015
Date Made Active in Reports: 06/10/2015
Number of Days to Update: 15

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 05/20/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Varies

SAN MATEO COUNTY:

Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 07/20/2015
Date Data Arrived at EDR: 07/22/2015
Date Made Active in Reports: 08/03/2015
Number of Days to Update: 12

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/15/2015
Next Scheduled EDR Contact: 09/28/2015
Data Release Frequency: Annually

Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 06/10/2015
Date Data Arrived at EDR: 06/16/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 28

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/10/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 05/22/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Varies

SANTA CLARA COUNTY:

Cupa Facility List
Cupa facility list

Date of Government Version: 06/10/2015
Date Data Arrived at EDR: 06/16/2015
Date Made Active in Reports: 07/10/2015
Number of Days to Update: 24

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 06/05/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Varies

HIST LUST - Fuel Leak Site Activity Report
A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 06/01/2015
Next Scheduled EDR Contact: 09/14/2015
Data Release Frequency: Annually

Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 08/10/2015
Date Data Arrived at EDR: 08/14/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 20

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 08/07/2015
Next Scheduled EDR Contact: 11/23/2015
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA Facility List
CUPA facility listing.

Date of Government Version: 05/22/2015
Date Data Arrived at EDR: 05/26/2015
Date Made Active in Reports: 06/08/2015
Number of Days to Update: 13

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 05/22/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA Facility List
Cupa Facility List.

Date of Government Version: 06/12/2015
Date Data Arrived at EDR: 06/16/2015
Date Made Active in Reports: 07/10/2015
Number of Days to Update: 24

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 05/26/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Varies

SOLANO COUNTY:

Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/19/2015
Date Data Arrived at EDR: 06/24/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 20

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 06/10/2015
Next Scheduled EDR Contact: 09/28/2015
Data Release Frequency: Quarterly

Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 06/19/2015
Date Data Arrived at EDR: 06/30/2015
Date Made Active in Reports: 07/07/2015
Number of Days to Update: 7

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 06/10/2015
Next Scheduled EDR Contact: 09/28/2015
Data Release Frequency: Quarterly

SONOMA COUNTY:

Cupa Facility List
Cupa Facility list

Date of Government Version: 06/22/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 18

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 06/22/2015
Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Varies

Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 07/01/2015
Date Data Arrived at EDR: 07/07/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 7

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 06/22/2015
Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 06/05/2015
Date Data Arrived at EDR: 06/09/2015
Date Made Active in Reports: 07/06/2015
Number of Days to Update: 27

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 06/05/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Semi-Annually

TUOLUMNE COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 07/13/2015
Date Data Arrived at EDR: 07/28/2015
Date Made Active in Reports: 08/03/2015
Number of Days to Update: 6

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 07/24/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Varies

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 08/17/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 17

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 08/12/2015
Next Scheduled EDR Contact: 11/30/2015
Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/26/2015
Next Scheduled EDR Contact: 10/19/2015
Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 08/12/2015
Next Scheduled EDR Contact: 11/30/2015
Data Release Frequency: Quarterly

Medical Waste Program List

To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 07/29/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 36

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 07/27/2015
Next Scheduled EDR Contact: 11/09/2015
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: 05/27/2015
Date Data Arrived at EDR: 06/17/2015
Date Made Active in Reports: 07/06/2015
Number of Days to Update: 19

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/17/2015
Next Scheduled EDR Contact: 09/28/2015
Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 07/08/2015
Date Data Arrived at EDR: 07/13/2015
Date Made Active in Reports: 07/22/2015
Number of Days to Update: 9

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 07/06/2015
Next Scheduled EDR Contact: 10/05/2015
Data Release Frequency: Annually

YUBA COUNTY:

CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 08/04/2015
Date Data Arrived at EDR: 08/07/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 27

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 07/31/2015
Next Scheduled EDR Contact: 11/16/2015
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/30/2013
Date Data Arrived at EDR: 08/19/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 05/18/2015
Next Scheduled EDR Contact: 08/31/2015
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 07/17/2015
Date Made Active in Reports: 08/12/2015
Number of Days to Update: 26

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 07/13/2015
Next Scheduled EDR Contact: 10/28/2015
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 08/01/2015
Date Data Arrived at EDR: 08/06/2015
Date Made Active in Reports: 08/24/2015
Number of Days to Update: 18

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 08/06/2015
Next Scheduled EDR Contact: 11/16/2015
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/24/2015
Date Made Active in Reports: 08/18/2015
Number of Days to Update: 25

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 07/20/2015
Next Scheduled EDR Contact: 11/02/2015
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 06/19/2015
Date Made Active in Reports: 07/15/2015
Number of Days to Update: 26

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 05/26/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 03/19/2015
Date Made Active in Reports: 04/07/2015
Number of Days to Update: 19

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/11/2015
Next Scheduled EDR Contact: 09/28/2015
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: PennWell Corporation
Telephone: 281-546-1505
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by 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.

Electric Power Transmission Line Data
Source: PennWell Corporation
Telephone: 800-823-6277
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

SCHOLL CANYON LANDFILL
7721 NORTH FIGUEROA STREET
LOS ANGELES, CA 90041

TARGET PROPERTY COORDINATES

Latitude (North):	34.1505 - 34° 9' 1.80''
Longitude (West):	118.1901 - 118° 11' 24.36''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	390285.6
UTM Y (Meters):	3779288.0
Elevation:	1176 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5636829 PASADENA, CA
Version Date:	2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

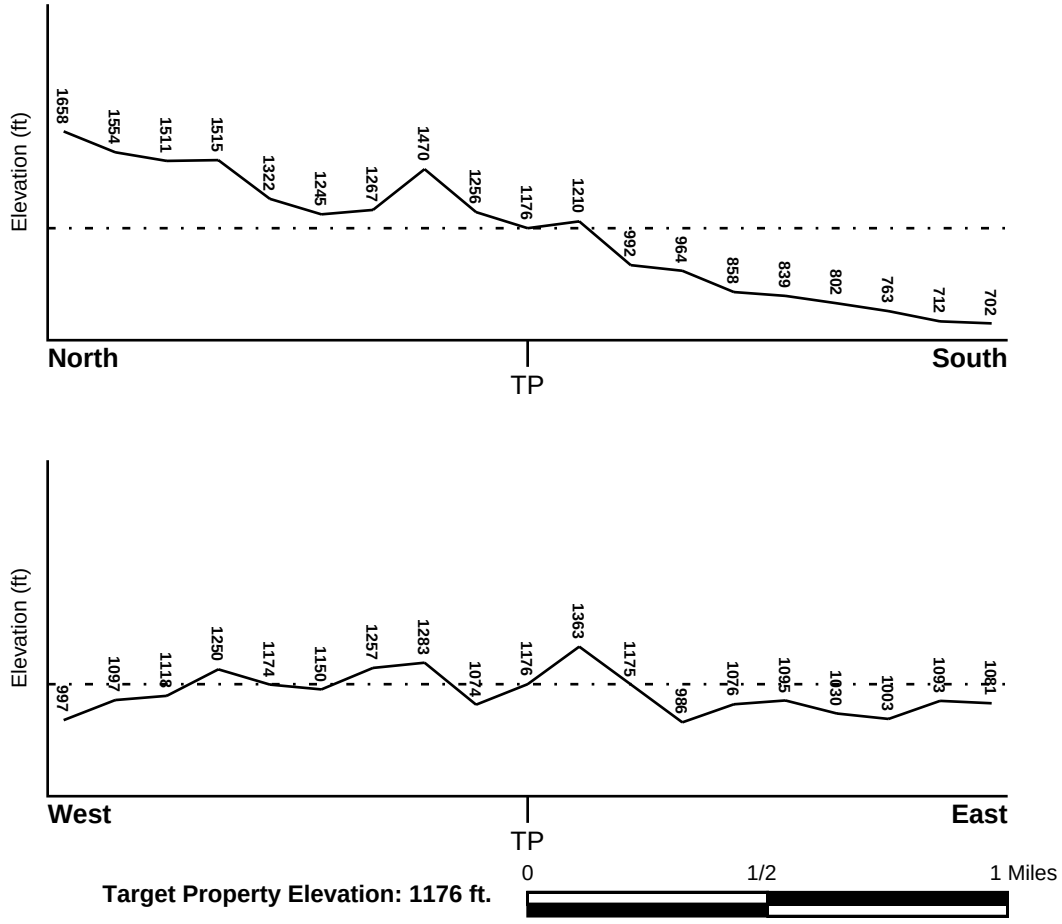
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SSE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
LOS ANGELES, CA	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 06037C - FEMA DFIRM Flood data

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
PASADENA	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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 **GEOLOGIC AGE IDENTIFICATION**

Era:	Precambrian	Category:	Metamorphic Rocks
System:	Precambrian		
Series:	Orthogneiss and paragneiss		
Code:	Xm *(decoded above as Era, System & Series)*		

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:	FALLBROOK
Soil Surface Texture:	sandy loam
Hydrologic Group:	Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.
Soil Drainage Class:	Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel:	MODERATE
Depth to Bedrock Min:	> 40 inches
Depth to Bedrock Max:	> 60 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	6 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 6.00 Min: 2.00	Max: 7.30 Min: 6.10
2	6 inches	12 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 2.00 Min: 0.60	Max: 7.30 Min: 6.10
3	12 inches	28 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 0.60 Min: 0.20	Max: 7.30 Min: 6.10
4	28 inches	47 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 2.00 Min: 0.60	Max: 7.30 Min: 6.10
5	47 inches	51 inches	weathered bedrock	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: coarse sandy loam
unweathered bedrock
fine sandy loam

Surficial Soil Types: coarse sandy loam
unweathered bedrock
fine sandy loam

Shallow Soil Types: sandy clay loam
clay
fine sandy loam
gravelly - loam
clay loam

Deeper Soil Types: gravelly - sandy loam
unweathered bedrock

very fine sandy loam
silty clay loam
sandy loam

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

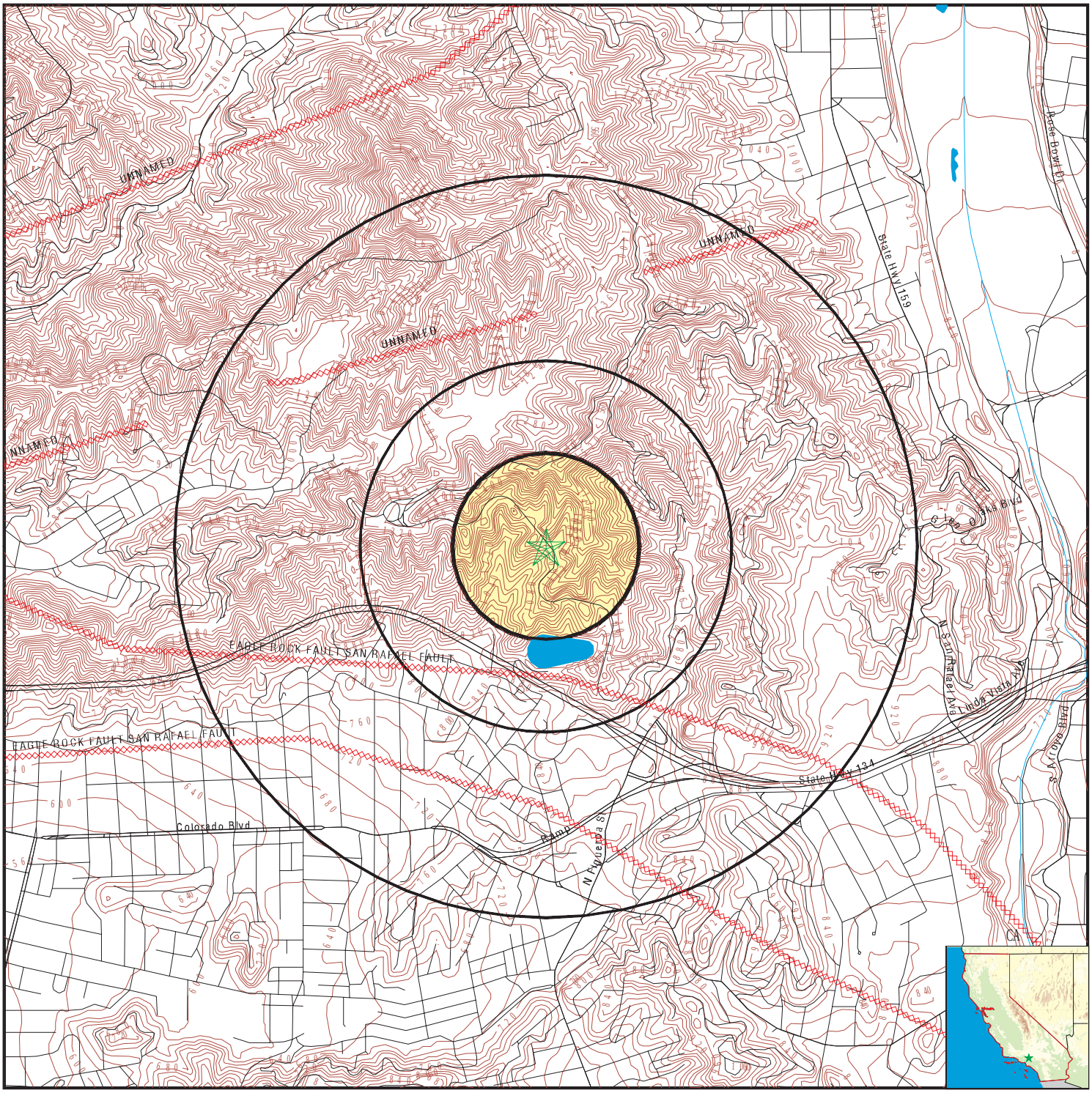
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

PHYSICAL SETTING SOURCE MAP - 4407421.2s



0 1/4 1/2 1 Miles

- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	Scholl Canyon Landfill	CLIENT:	Stantec
ADDRESS:	7721 North Figueroa Street Los Angeles CA 90041	CONTACT:	Anuya Sawant
LAT/LONG:	34.1505 / 118.1901	INQUIRY #:	4407421.2s
		DATE:	September 10, 2015 2:41 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
91206	31	0

Federal EPA Radon Zone for LOS ANGELES County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for LOS ANGELES COUNTY, CA

Number of sites tested: 63

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.711 pCi/L	98%	2%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	0.933 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 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.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations
Source: Department of Conservation
Telephone: 916-323-1779
Oil and Gas well locations in the state.

RADON

State Database: CA Radon
Source: Department of Health Services
Telephone: 916-324-2208
Radon Database for California

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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Appendix E
HISTORICAL RECORDS

Scholl Canyon Landfill
7721 North Figueroa Street
Los Angeles, CA 90041

Inquiry Number: 4407421.5
September 15, 2015

The EDR-City Directory Abstract

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1920 through 2013. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 332 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Year	Source	TP	Adjoining	Text Abstract	Source Image
2013	Cole Information Services	-	-	-	-
2008	Cole Information Services	X	X	X	-
2006	Haines Company	-	-	-	-
2004	Haines Company	-	-	-	-
2003	Haines & Company	-	-	-	-
2001	Haines Company, Inc.	-	-	-	-
2000	Haines	-	-	-	-
1999	Haines Company	-	-	-	-
1996	GTE	-	-	-	-
1995	Pacific Bell	-	X	X	-
1992	PACIFIC BELL WHITE PAGES	-	-	-	-
1991	Pacific Bell	-	-	-	-
1990	Pacific Bell	X	X	X	-
1986	Pacific Bell	X	X	X	-
1985	Pacific Bell	-	X	X	-
1981	Pacific Telephone	-	X	X	-
1980	Pacific Telephone	X	X	X	-
1976	Pacific Telephone	-	X	X	-
1975	Pacific Telephone	-	-	-	-
1972	R. L. Polk & Co.	-	-	-	-
1971	Pacific Telephone	-	X	X	-
1970	Pacific Telephone	-	-	-	-
1969	Pacific Telephone	-	-	-	-
1967	R. L. Polk & Co.	-	-	-	-
1966	Pacific Telephone	-	-	-	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1965	GTE	-	-	-	-
1964	Pacific Telephone	-	-	-	-
1963	Pacific Telephone	-	-	-	-
1962	Pacific Telephone	-	X	X	-
1961	R. L. Polk & Co.	-	-	-	-
1960	Pacific Telephone	-	-	-	-
1958	Pacific Telephone	-	-	-	-
1957	Pacific Telephone	-	-	-	-
1956	Pacific Telephone	-	-	-	-
1955	R. L. Polk & Co.	-	-	-	-
1954	R. L. Polk & Co.	-	-	-	-
1952	Los Angeles Directory Co.	-	-	-	-
1951	Pacific Telephone & Telegraph Co.	-	X	X	-
1950	Pacific Telephone	-	-	-	-
1949	Los Angeles Directory Co.	-	-	-	-
1948	Associated Telephone Company, Ltd.	-	-	-	-
1947	Pacific Directory Co.	-	-	-	-
1946	Southern California Telephone Co	-	-	-	-
1945	R. L. Polk & Co.	-	-	-	-
1944	R. L. Polk & Co.	-	-	-	-
1942	Los Angeles Directory Co.	-	-	-	-
1940	Los Angeles Directory Co.	-	-	-	-
1939	Los Angeles Directory Co.	-	-	-	-
1938	Los Angeles Directory Company Publishers	-	-	-	-
1937	Los Angeles Directory Co.	-	-	-	-
1936	Los Angeles Directory Co.	-	-	-	-
1935	Los Angeles Directory Co.	-	-	-	-
1934	Los Angeles Directory Co.	-	-	-	-
1933	Los Angeles Directory Co.	-	-	-	-
1932	Los Angeles Directory Co.	-	-	-	-
1931	TRIBUNE-NEWS PUBLISHING CO.	-	-	-	-
1930	Los Angeles Directory Co.	-	-	-	-
1929	Los Angeles Directory Co.	-	-	-	-
1928	Los Angeles Directory Co.	-	-	-	-
1927	Los Angeles Directory Co.	-	-	-	-
1926	Los Angeles Directory Co.	-	-	-	-
1925	Los Angeles Directory Co.	-	-	-	-
1924	Los Angeles Directory Co.	-	-	-	-
1923	Los Angeles Directory Co.	-	-	-	-
1921	Los Angeles Directory Co.	-	-	-	-
1920	Los Angeles Directory Co.	-	-	-	-

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

7721 North Figueroa Street
Los Angeles, CA 90041

FINDINGS DETAIL

Target Property research detail.

N FIGUEROA ST

7721 N FIGUEROA ST

Year	*Uses*	*Source*
2008	SANITATION DISTRICTS F LS A	Cole Information Services
	SCHOOL CANYON LTD PAR	Cole Information Services
1990	SANITATION DISTRICTS OF L A COUNTY	Pacific Bell
1986	SANITATION DISTRICTS OF L A COUNTY LANDFILL NO 4 SCHOLL CANYON	Pacific Bell
1980	SANITATION DISTRICTS OF L A COUNTY	Pacific Telephone

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

FIGUEROA ST N

7616 FIGUEROA ST N

Year	Uses	Source
1951	N Figroa McMillan M T r	Pacific Telephone & Telegraph Co.

N FIGUEROA

7616 N FIGUEROA

Year	Uses	Source
1962	Mc Millan M T	Pacific Telephone

7620 N FIGUEROA

Year	Uses	Source
1962	Eddy Byron J	Pacific Telephone

7800 N FIGUEROA

Year	Uses	Source
1990	METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA PAS	Pacific Bell
1986	METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA PAS	Pacific Bell
1985	RIGDON BARBARA & PAULA	Pacific Bell
	ERDMANN R W JR	Pacific Bell
1981	METROPOLITAN WATCH REPAIRING	Pacific Telephone
1980	RIGDON EA LOS ANGELES	Pacific Telephone

N FIGUEROA ST

7800 N FIGUEROA ST

Year	Uses	Source
2008	THE METRO WATER DISTRICT OF SOUTHERN	Cole Information Services
1995	NORRIS W D	Pacific Bell
	Norrish M	Pacific Bell
	Norris W D	Pacific Bell
	Norrish M	Pacific Bell

FINDINGS

Year	Uses	Source
1976	METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA	Pacific Telephone
	Western Distribution Control Center	Pacific Telephone
1971	METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA	Pacific Telephone
	Western Distribution Control Center	Pacific Telephone

7820 N FIGUEROA ST

Year	Uses	Source
2008	JJS CAR WASH	Cole Information Services

FINDINGS

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched	Address Not Identified in Research Source
7721 North Figueroa Street	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
7616 FIGUEROA ST N	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
7616 N FIGUEROA	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
7620 N FIGUEROA	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
7800 N FIGUEROA	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
7800 N FIGUEROA ST	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
7800 N FIGUEROA ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
7820 N FIGUEROA ST	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

Scholl Canyon Landfill
7721 North Figueroa Street
Los Angeles, CA 90041

Inquiry Number: 4407421.9
September 11, 2015

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th Floor
Shelton, Connecticut 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

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Date EDR Searched Historical Sources:

Aerial Photography September 11, 2015

Target Property:

7721 North Figueroa Street

Los Angeles, CA 90041

Year	***Scale***	***Details***	***Source***
1928	Aerial Photograph. Scale: 1"=500'	Flight Year: 1928	USGS
1938	Aerial Photograph. Scale: 1"=500'	Flight Year: 1938	USGS
1952	Aerial Photograph. Scale: 1"=500'	Flight Year: 1952	USGS
1964	Aerial Photograph. Scale: 1"=500'	Flight Year: 1964	USGS
1972	Aerial Photograph. Scale: 1"=500'	Flight Year: 1972	EDR Proprietary Brewster Pacific
1977	Aerial Photograph. Scale: 1"=500'	Flight Year: 1977	EDR Proprietary Brewster Pacific
1983	Aerial Photograph. Scale: 1"=500'	Flight Year: 1983	EDR Proprietary Brewster Pacific
1989	Aerial Photograph. Scale: 1"=500'	Flight Year: 1989	USGS
1994	Aerial Photograph. Scale: 1"=500'	/DOQQ - acquisition dates: 1994	USGS/DOQQ
1994	Aerial Photograph. Scale: 1"=500'	/DOQQ - acquisition dates: 1994	USGS/DOQQ
2002	Aerial Photograph. Scale: 1"=500'	Flight Year: 2002	USGS
2005	Aerial Photograph. Scale: 1"=500'	Flight Year: 2005	USDA/NAIP
2005	Aerial Photograph. Scale: 1"=500'	Flight Year: 2005	USDA/NAIP
2009	Aerial Photograph. Scale: 1"=500'	Flight Year: 2009	USDA/NAIP
2009	Aerial Photograph. Scale: 1"=500'	Flight Year: 2009	USDA/NAIP
2010	Aerial Photograph. Scale: 1"=500'	Flight Year: 2010	USDA/NAIP
2010	Aerial Photograph. Scale: 1"=500'	Flight Year: 2010	USDA/NAIP
2012	Aerial Photograph. Scale: 1"=500'	Flight Year: 2012	USDA/NAIP
2012	Aerial Photograph. Scale: 1"=500'	Flight Year: 2012	USDA/NAIP


INQUIRY #: 4407421.9
YEAR: 1928
= 500'
N
EDR


INQUIRY #: 4407421.9
YEAR: 1938
= 500'
N
EDR

INQUIRY #: 4407421.9

YEAR: 1952

= 500'

N

EDR


INQUIRY #: 4407421.9
YEAR: 1964
= 500'
N
EDR


INQUIRY #: 4407421.9
YEAR: 1972
= 500'
N
EDR


INQUIRY #: 4407421.9
YEAR: 1977
= 500'
N
EDR

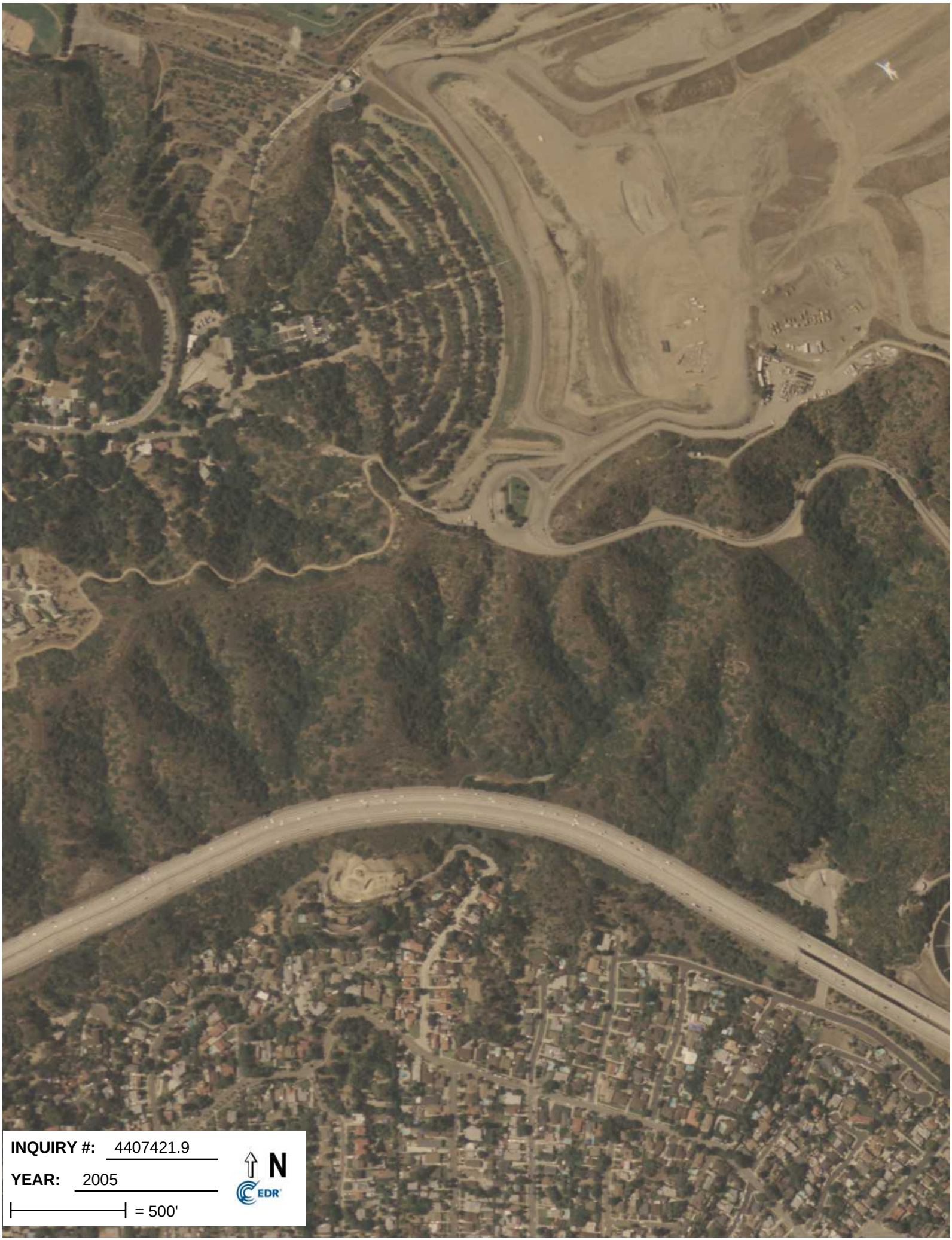

INQUIRY #: 4407421.9
YEAR: 1983
= 500'
N
EDR


INQUIRY #: 4407421.9
YEAR: 1989
= 500'
N
EDR


INQUIRY #: 4407421.9
YEAR: 1994
= 500'
N
EDR


INQUIRY #: 4407421.9
YEAR: 1994
= 500'
N
EDR

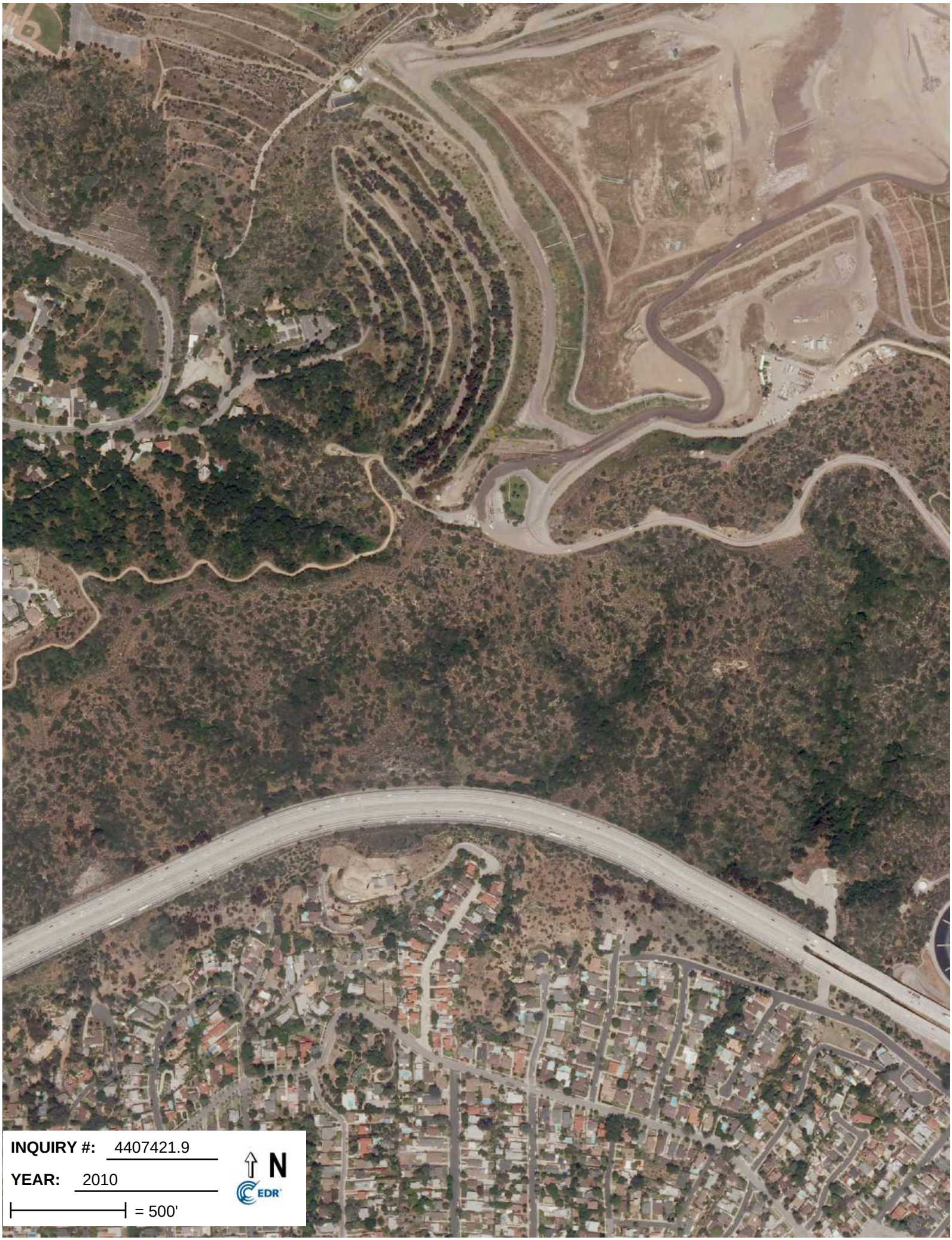

INQUIRY #: 4407421.9
YEAR: 2002
= 500'
N
EDR


INQUIRY #: 4407421.9
YEAR: 2005
= 500'
N
EDR


INQUIRY #: 4407421.9
YEAR: 2005
= 500'
N
EDR


INQUIRY #: 4407421.9
YEAR: 2009
= 500'
N
EDR


INQUIRY #: 4407421.9
YEAR: 2009
= 500'
N
EDR


INQUIRY #: 4407421.9
YEAR: 2010
= 500'
N
EDR


INQUIRY #: 4407421.9
YEAR: 2010
= 500'
N
EDR


INQUIRY #: 4407421.9
YEAR: 2012
= 500'
N
EDR


INQUIRY #: 4407421.9
YEAR: 2012
= 500'
N
EDR

Scholl Canyon Landfill
7721 North Figueroa Street
Los Angeles, CA 90041

Inquiry Number: 4407421.4
September 10, 2015

EDR Historical Topographic Map Report

6 Armstrong Road, 4th Floor
Shelton, Connecticut 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topographic Map Report

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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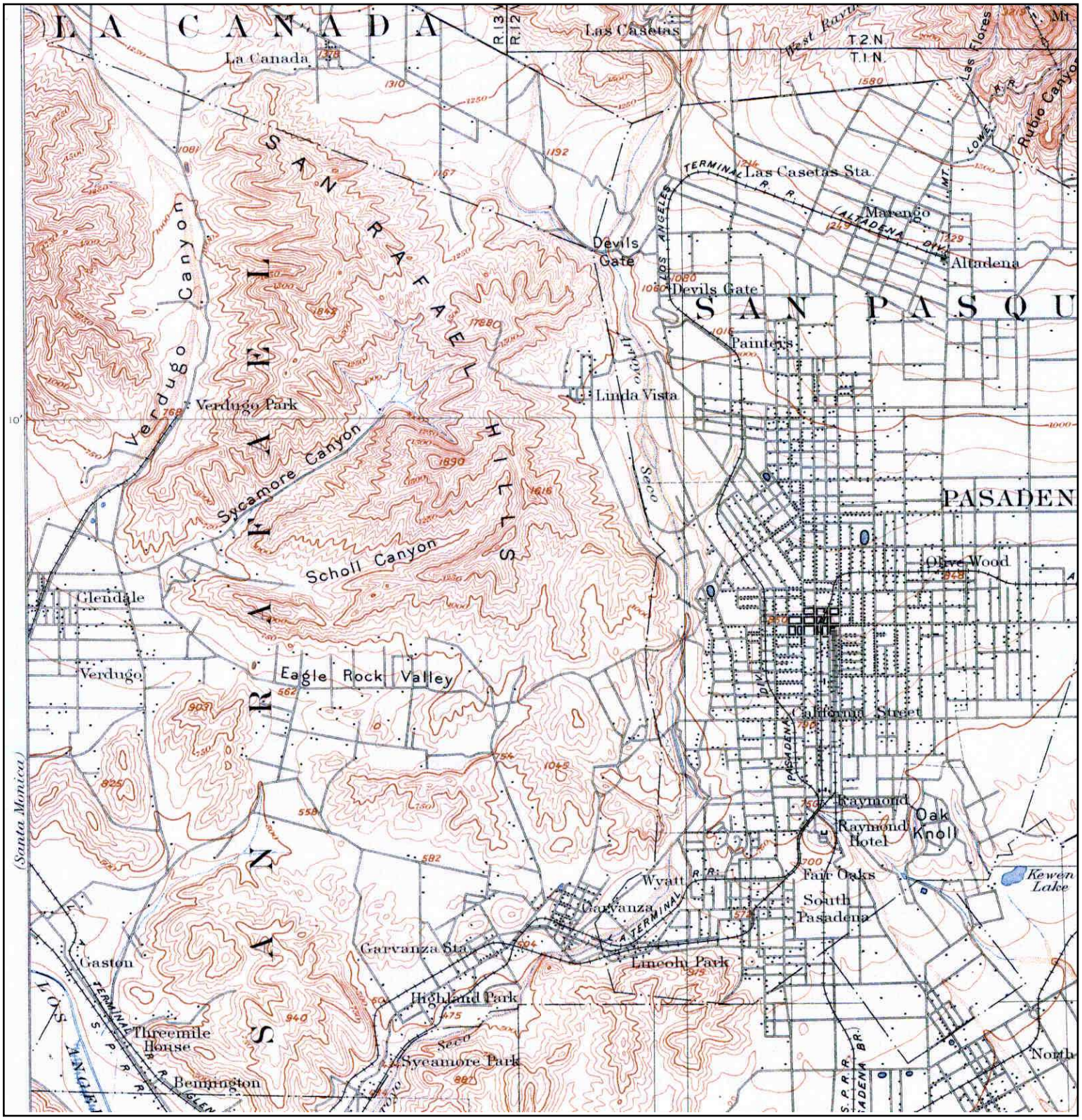
Historical Topographic Map

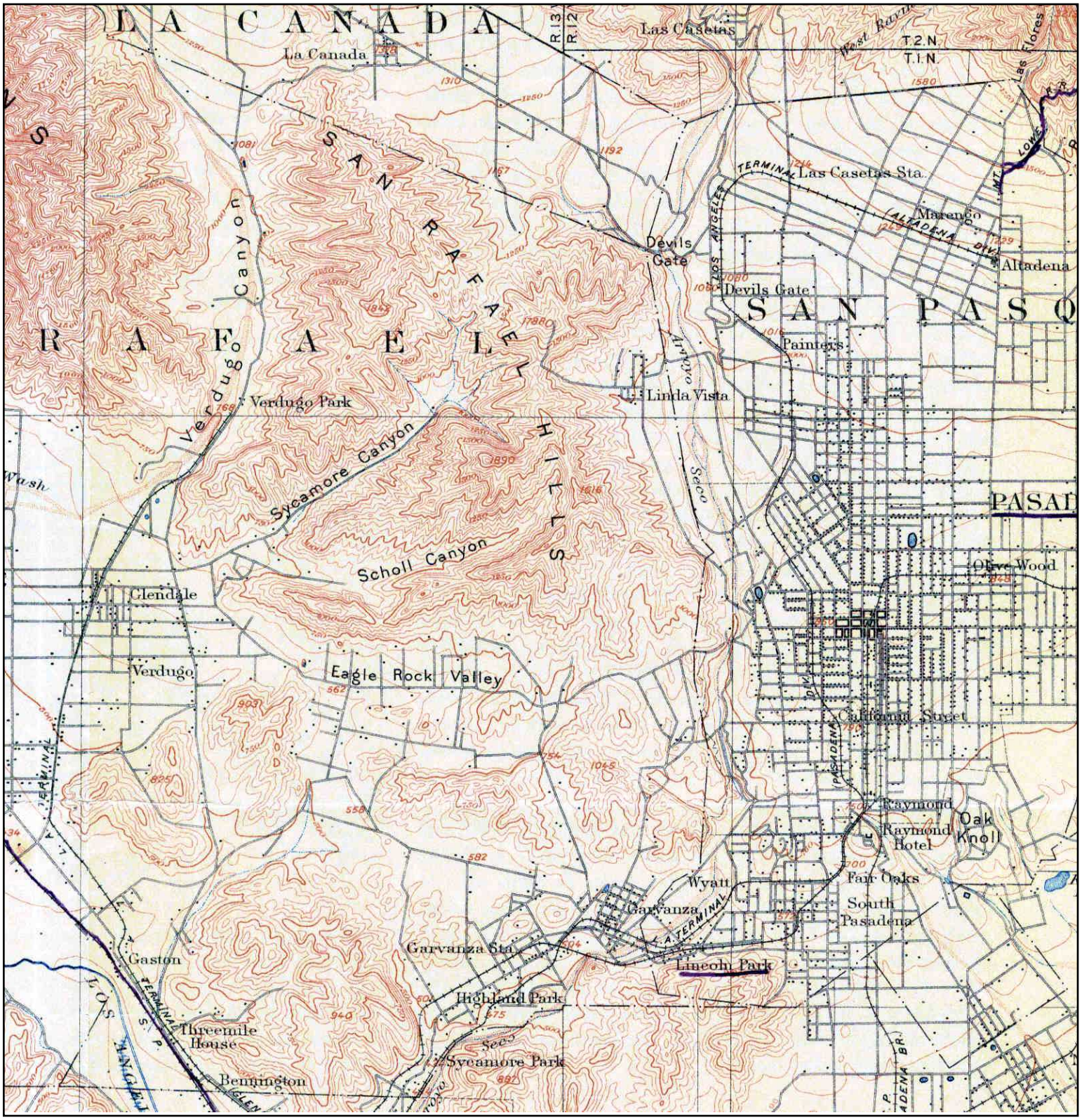
N	TARGET QUAD NAME: PASADENA MAP YEAR: 1896 SERIES: 15 SCALE: 1:62500	SITE NAME: Scholl Canyon Landfill ADDRESS: 7721 North Figueroa Street Los Angeles, CA 90041 LAT/LONG: 34.1505 / -118.1901	CLIENT: Stantec CONTACT: Anuya Sawant INQUIRY#: 4407421.4 RESEARCH DATE: 09/10/2015

Historical Topographic Map



N	TARGET QUAD NAME: PASADENA MAP YEAR: 1900 SERIES: 15 SCALE: 1:62500	SITE NAME: Scholl Canyon Landfill ADDRESS: 7721 North Figueroa Street Los Angeles, CA 90041 LAT/LONG: 34.1505 / -118.1901	CLIENT: Stantec CONTACT: Anuya Sawant INQUIRY#: 4407421.4 RESEARCH DATE: 09/10/2015

Historical Topographic Map

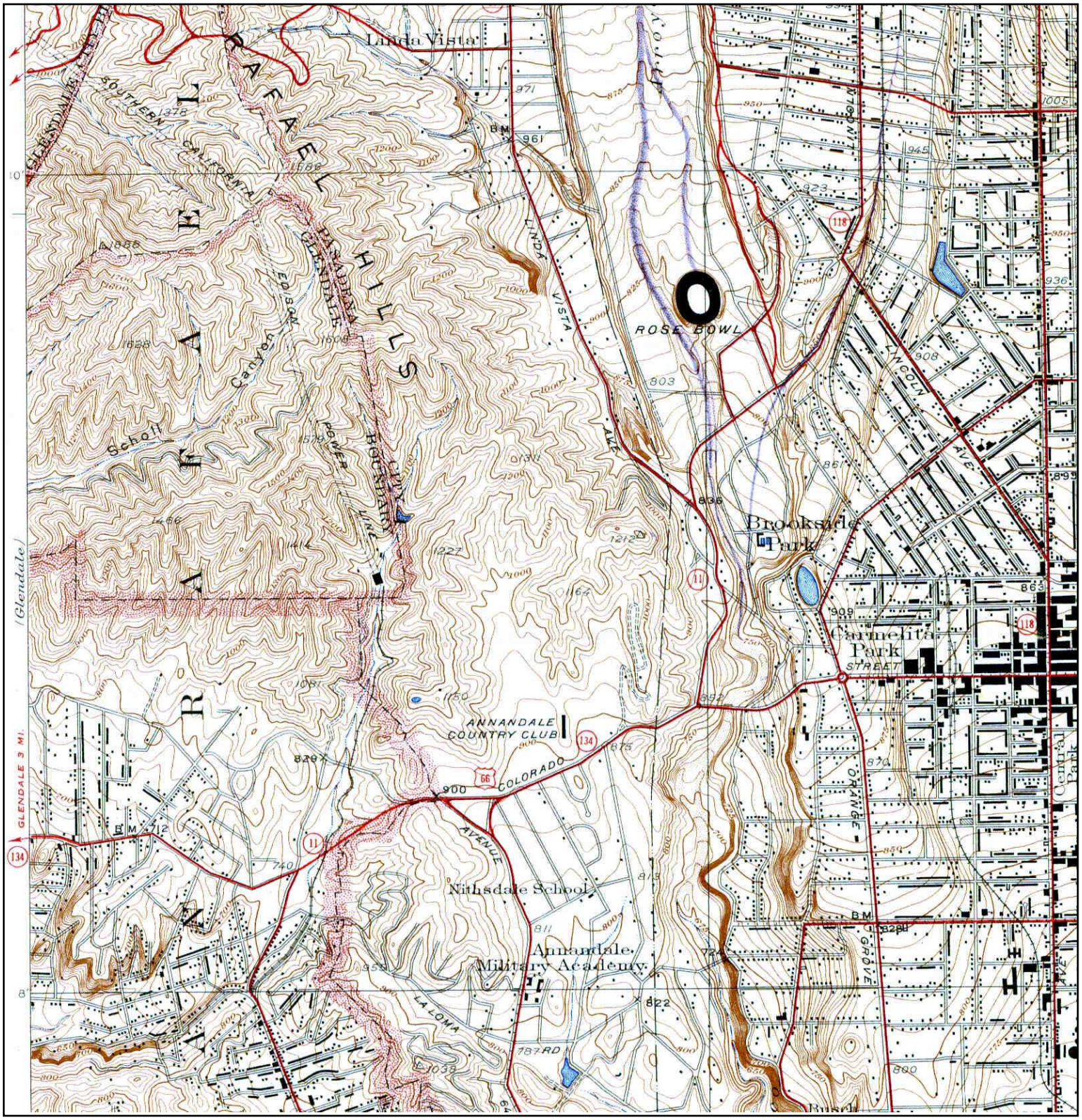


N	TARGET QUAD NAME: LOS ANGELES MAP YEAR: 1900 SERIES: 15 SCALE: 1:62500	SITE NAME: Scholl Canyon Landfill ADDRESS: 7721 North Figueroa Street Los Angeles, CA 90041 LAT/LONG: 34.1505 / -118.1901	CLIENT: Stantec CONTACT: Anuya Sawant INQUIRY#: 4407421.4 RESEARCH DATE: 09/10/2015

Historical Topographic Map

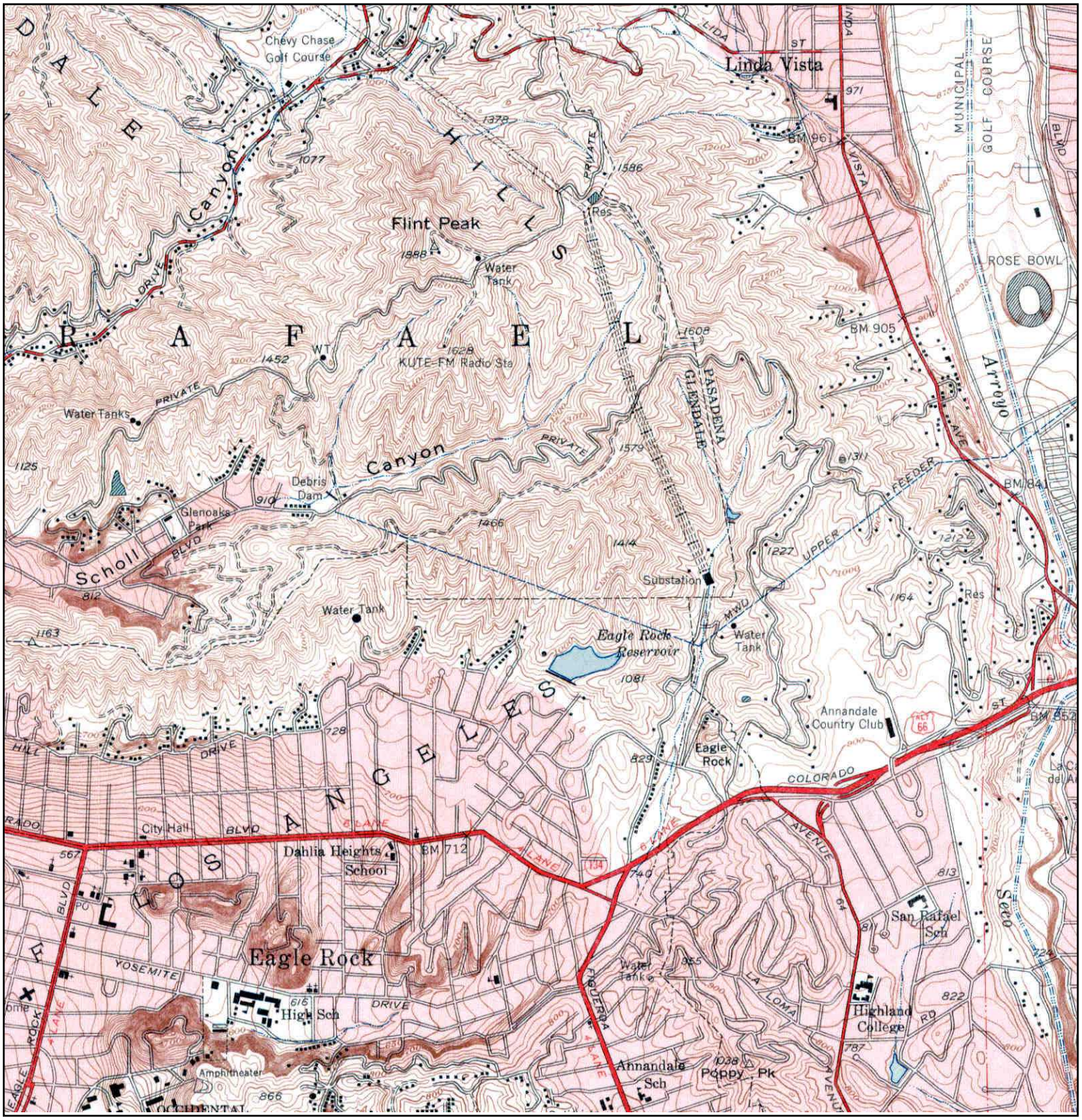
N	TARGET QUAD NAME: SOUTHERN CA SHEET 1 MAP YEAR: 1901 SERIES: 60 SCALE: 1:250000	SITE NAME: Scholl Canyon Landfill ADDRESS: 7721 North Figueroa Street Los Angeles, CA 90041 LAT/LONG: 34.1505 / -118.1901	CLIENT: Stantec CONTACT: Anuya Sawant INQUIRY#: 4407421.4 RESEARCH DATE: 09/10/2015

Historical Topographic Map



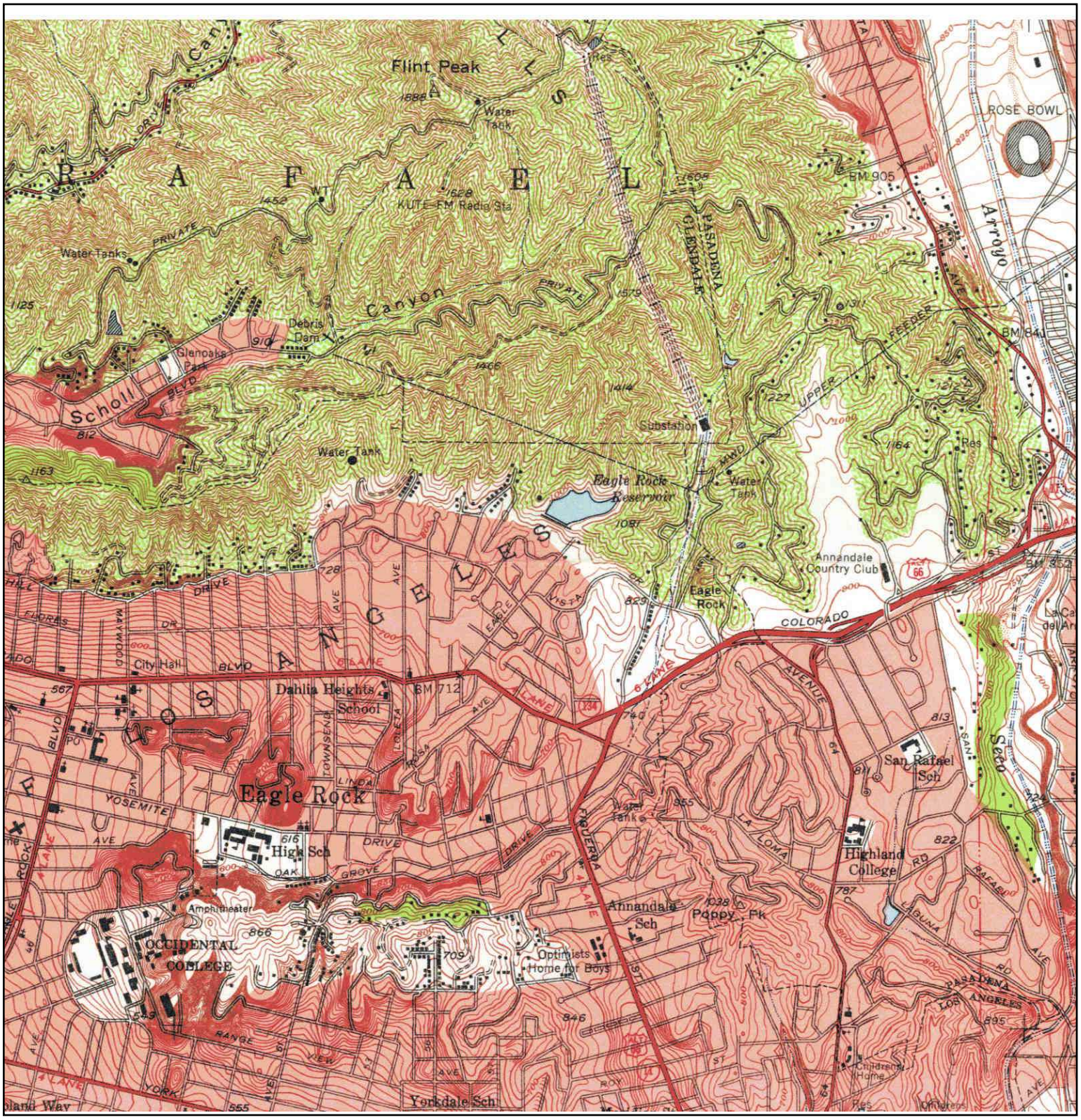
N	TARGET QUAD		SITE NAME:	Scholl Canyon Landfill	CLIENT:	Stantec
	NAME:	ALTADENA	ADDRESS:	7721 North Figueroa Street	CONTACT:	Anuya Sawant
	MAP YEAR:	1941		Los Angeles, CA 90041	INQUIRY#:	4407421.4
	REVISED FROM :	1928	LAT/LONG:	34.1505 / -118.1901	RESEARCH DATE:	09/10/2015
	SERIES:	6				
	SCALE:	1:24000				

Historical Topographic Map



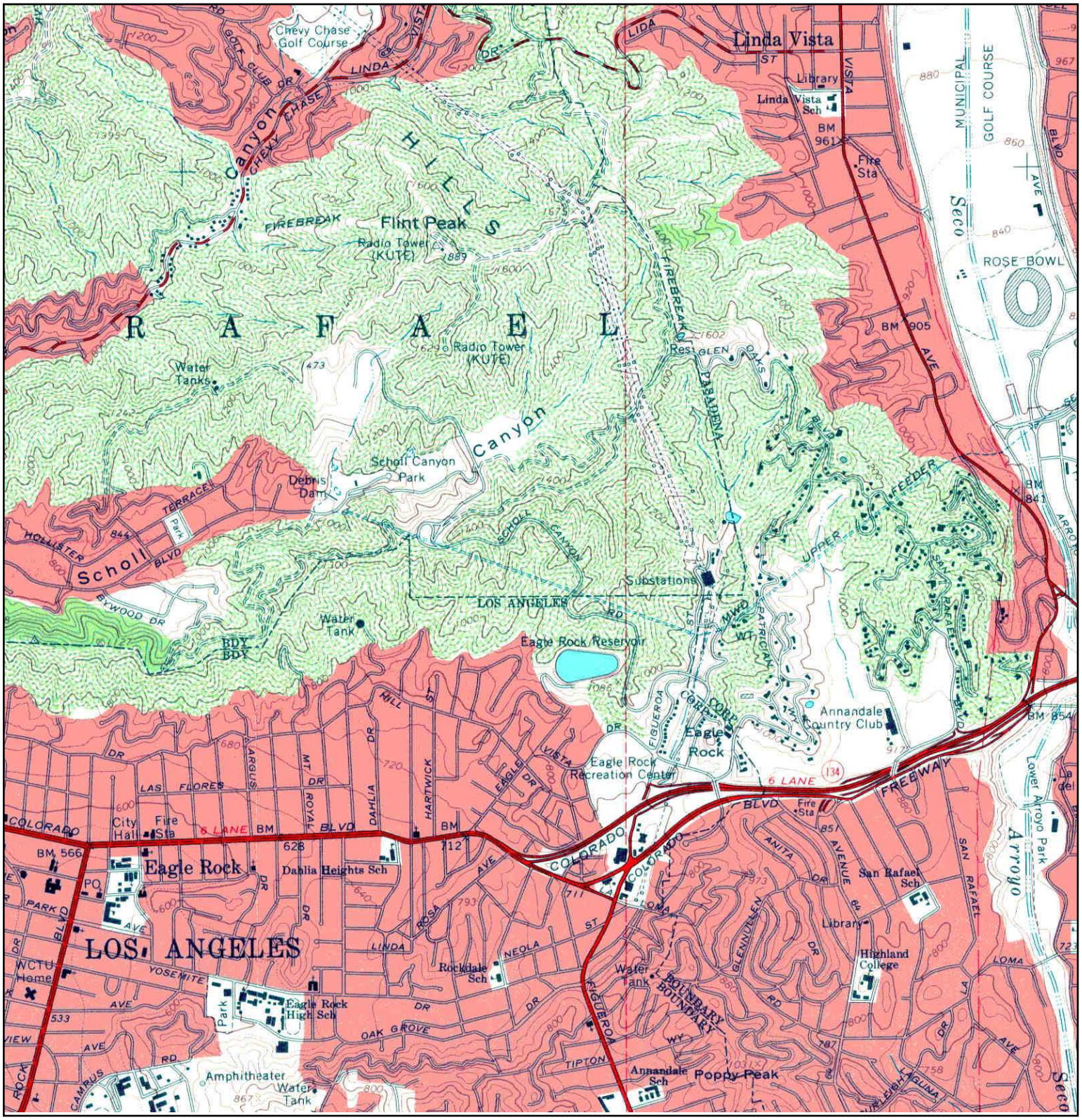
N	TARGET QUAD		SITE NAME:	Scholl Canyon Landfill	CLIENT:	Stantec
	NAME:	PASADENA	ADDRESS:	7721 North Figueroa Street	CONTACT:	Anuya Sawant
	MAP YEAR:	1953		Los Angeles, CA 90041	INQUIRY#:	4407421.4
			LAT/LONG:	34.1505 / -118.1901	RESEARCH DATE:	09/10/2015
	SERIES:	7.5				
	SCALE:	1:24000				

Historical Topographic Map



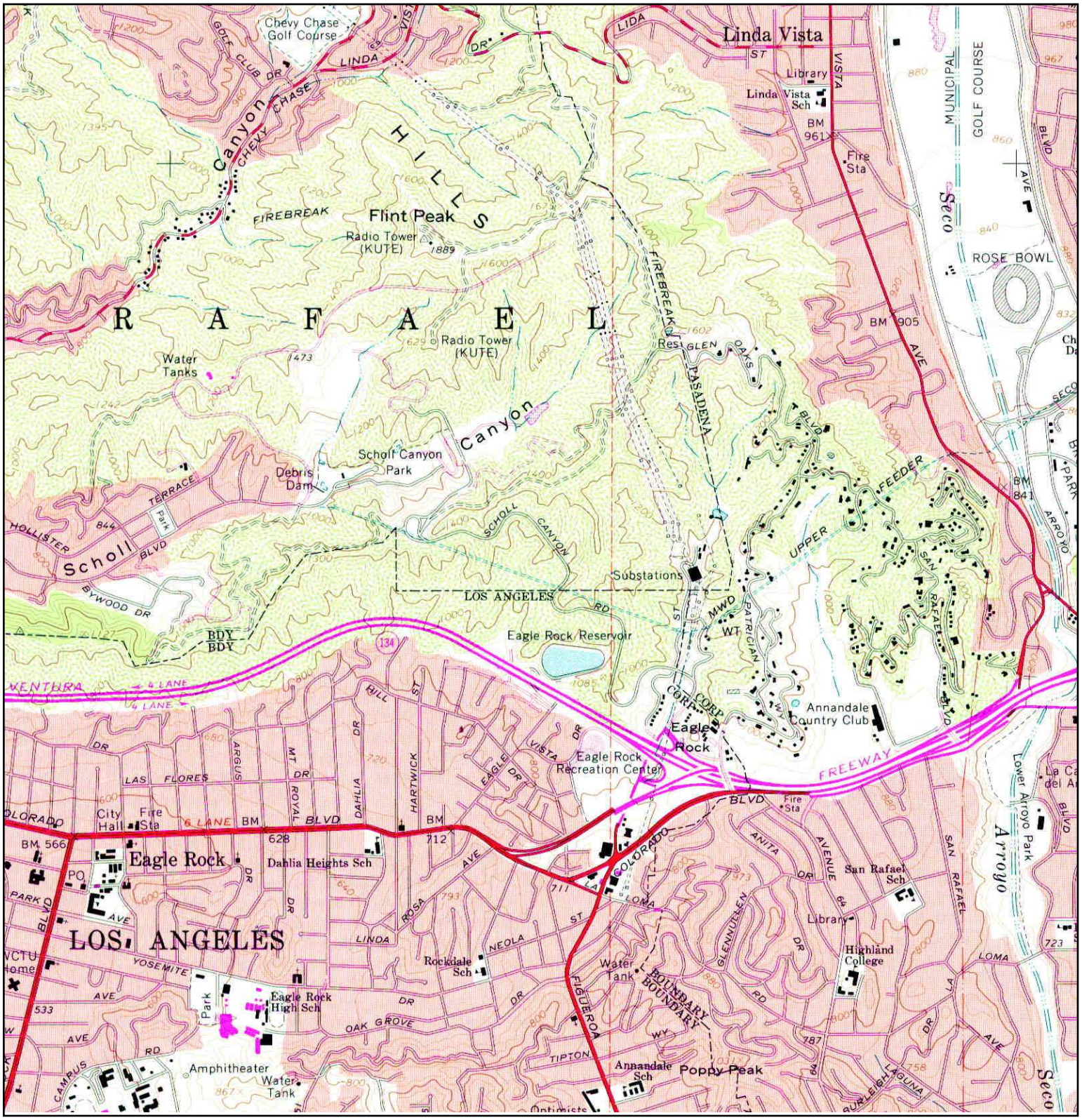
N	TARGET QUAD NAME: LOS ANGELES AND VICINITY EAST 3 OF 4 MAP YEAR: 1953 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Scholl Canyon Landfill ADDRESS: 7721 North Figueroa Street Los Angeles, CA 90041 LAT/LONG: 34.1505 / -118.1901	CLIENT: Stantec CONTACT: Anuya Sawant INQUIRY#: 4407421.4 RESEARCH DATE: 09/10/2015

Historical Topographic Map



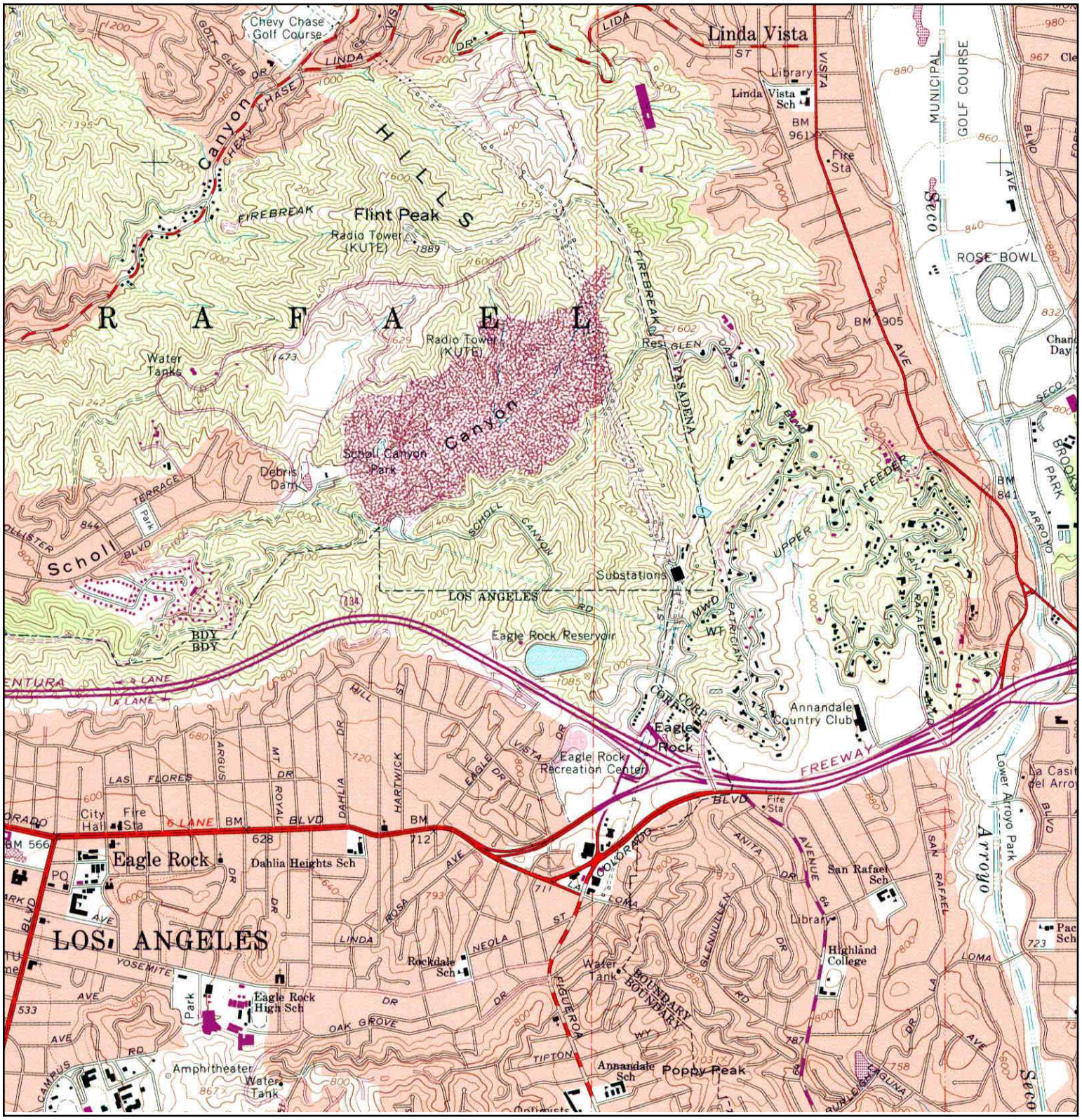
N	TARGET QUAD NAME: PASADENA MAP YEAR: 1966 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Scholl Canyon Landfill ADDRESS: 7721 North Figueroa Street Los Angeles, CA 90041 LAT/LONG: 34.1505 / -118.1901	CLIENT: Stantec CONTACT: Anuya Sawant INQUIRY#: 4407421.4 RESEARCH DATE: 09/10/2015

Historical Topographic Map



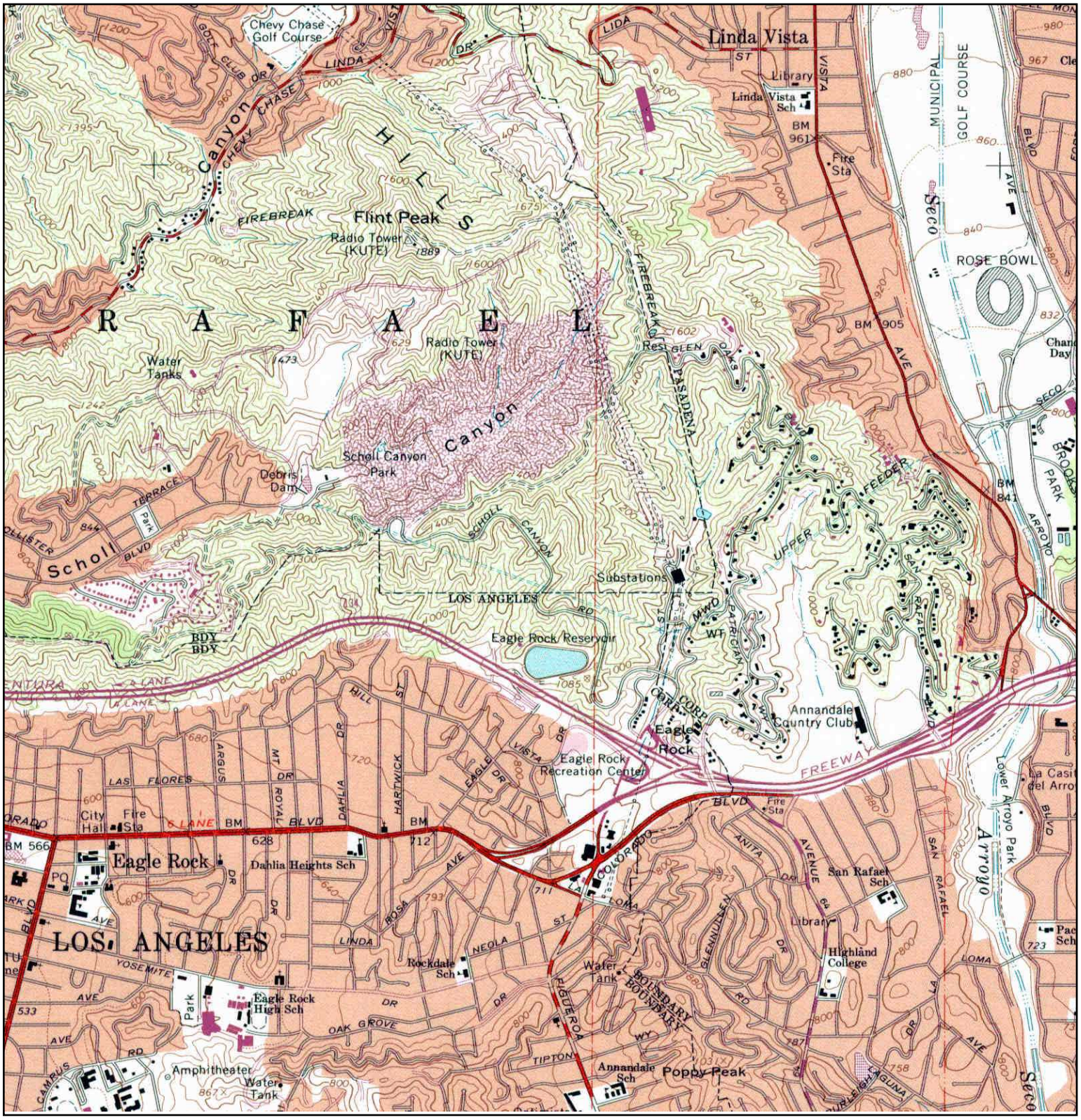
N	TARGET QUAD NAME: PASADENA MAP YEAR: 1972 PHOTOREVISED FROM :1966 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Scholl Canyon Landfill ADDRESS: 7721 North Figueroa Street Los Angeles, CA 90041 LAT/LONG: 34.1505 / -118.1901	CLIENT: Stantec CONTACT: Anuya Sawant INQUIRY#: 4407421.4 RESEARCH DATE: 09/10/2015

Historical Topographic Map



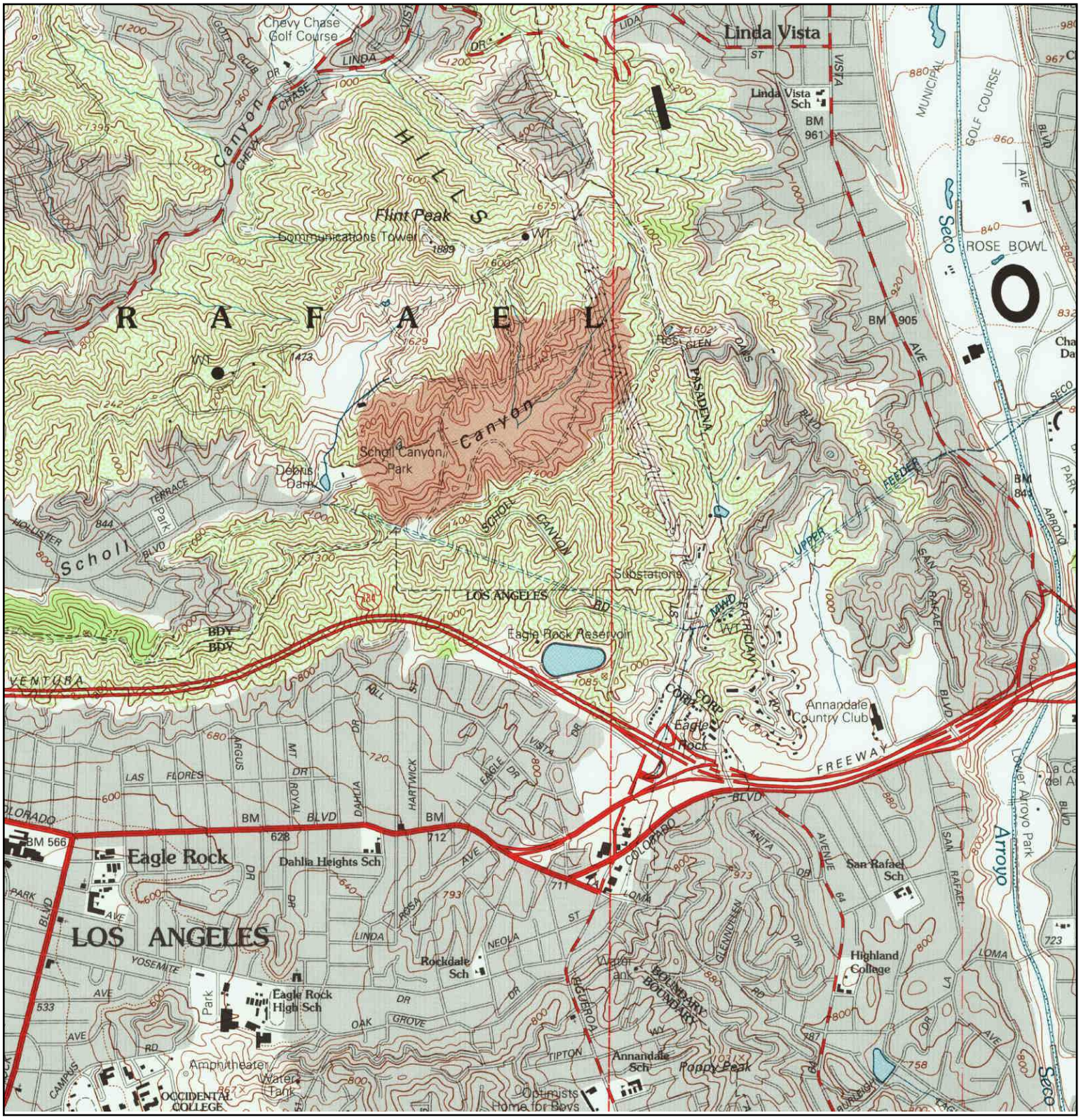
N	TARGET QUAD NAME: PASADENA MAP YEAR: 1988 PHOTOREVISED FROM :1966 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Scholl Canyon Landfill ADDRESS: 7721 North Figueroa Street Los Angeles, CA 90041 LAT/LONG: 34.1505 / -118.1901	CLIENT: Stantec CONTACT: Anuya Sawant INQUIRY#: 4407421.4 RESEARCH DATE: 09/10/2015

Historical Topographic Map



N	TARGET QUAD				
	NAME:	PASADENA	SITE NAME:	Scholl Canyon Landfill	CLIENT: Stantec
	MAP YEAR:	1994	ADDRESS:	7721 North Figueroa Street	CONTACT: Anuya Sawant
	REVISED FROM :	1966		Los Angeles, CA 90041	INQUIRY#: 4407421.4
	SERIES:	7.5	LAT/LONG:	34.1505 / -118.1901	RESEARCH DATE: 09/10/2015
	SCALE:	1:24000			

Historical Topographic Map



N	TARGET QUAD			
	NAME:	PASADENA	SITE NAME:	Scholl Canyon Landfill
	MAP YEAR:	1995	ADDRESS:	7721 North Figueroa Street
				Los Angeles, CA 90041
	SERIES:	7.5	LAT/LONG:	34.1505 / -118.1901
	SCALE:	1:24000		

CLIENT:	Stantec
CONTACT:	Anuya Sawant
INQUIRY#:	4407421.4
RESEARCH DATE:	09/10/2015

Scholl Canyon Landfill
7721 North Figueroa Street
Los Angeles, CA 90041

Inquiry Number: 4407421.3
September 10, 2015

Certified Sanborn® Map Report

6 Armstrong Road, 4th Floor
Shelton, Connecticut 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

9/10/15

Site Name:
Scholl Canyon Landfill
7721 North Figueroa Street
Los Angeles, CA 90041

Client Name:
Stantec
290 Conejo Ridge Avenue
Thousand Oaks, CA 91361

EDR Inquiry # 4407421.3

Contact: Anuya Sawant

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Stantec were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Site Name: Scholl Canyon Landfill
Address: 7721 North Figueroa Street
City, State, Zip: Los Angeles, CA 90041
Cross Street:
P.O. # NA
Project: Scholl Canyon Landfill
Certification # 437E-40FF-B008

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

Sanborn® Library search results
Certification # 437E-40FF-B008

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

The Sanborn Library LLC Since 1866™

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Appendix F
AGENCY RECORDS

GLENDALE FIRE DEPARTMENT
FIRE PREVENTION BUREAU
ENVIRONMENTAL MANAGEMENT CENTER
780 FLOWER ST.
GLENDALE, CA 91201-3057
PH: (818) 548-4810
FAX: (818) 549-9777
WWW.GLENDALEFIRE.ORG

COPY

September 21, 2011

City of Glendale
Water and Power
Glendale, CA 91206

Attention: Steven Lins

Subject: Industrial Waste Permit W-4339
3001 Scholl Canyon Road

Mr. Dodge,

Enclosed herewith is Industrial Waste Permit (Permit) W-4339, issued by the City of Glendale Industrial Waste Program for the subject facility. Please complete the receipt enclosed with your permit and return to this office. You are requested to submit a **Fact Sheet** which describes in detail the operations and pretreatment processes along with a **Site Plan** that includes a tank and piping flow diagram.

This Permit covers all the requirements necessary for maintaining compliance with EPA and City standards. In order to verify compliance with the standards, this office will continue to conduct facility inspection and sampling, review reports submitted by Glendale Water and Power and report on compliance to the EPA and Regional Water Quality Control Board (RWQCB) as required.

The Permit issued to your company, that became effective on September 21, 2011, shall expire at midnight on December 31, 2016. During the term of this Permit, the permittee shall notify the Fire Chief 90 days prior to any changes to the facility, process, production or pretreatment system that may change the characteristics which causes it to be different from that expressly allowed under this Permit.

If you have any questions regarding this matter, please feel free to contact me at (818)548-4810.

Very truly yours,

Gregory P. Ahern, Sr.

Gregory P. Ahern, Sr.
Sr. Fire/Environmental Safety Specialist

3001 Scholl Canyon Rd

Send Completed form To:
City of Glendale Fire Department
780 Flower Street
Glendale, CA 91201
Attention: Industrial Waste

INDUSTRIAL USERS SEMI-ANNUAL COMPLIANCE REPORT FORM

If you have any questions about completing this form call:

(818)548-4810

COMPANY NAME:
PHONE #: _____
COMPANY ADDRESS: _____
AVERAGE DAILY FLOW: _____
MAXIMUM DAILY FLOW: _____

I.W. PERMIT #: W -

MEASURED [ ] ESTIMATED [ ] CALCULATED [ ]
MEASURED [ ] ESTIMATED [ ] CALCULATED [ ]

CHECK REPORTING PERIOD: [ ] JAN-MAR
[ ] APR-JUN
[ ] JUL-SEPT
[ ] OCT-DEC

TOTAL TOXIC ORGANIC (TTO) INVENTORY LIST

INVENTORY DATE:

REGULATED TOXIC ORGANICS USE (IF NONE STATE NONE)	AMOUNT USE PER MONTH	REGULATED TOXIC ORGANICS USE (IF NONE STATE NONE)	AMOUNT USE PER MONTH

LOCATION SAMPLE TAKEN	SAMPLE TAKEN BY (name of person)	SAMPLE DATE	PRENOTIFICATION DATE
(1): _____	_____	_____	_____
(2): _____	_____	_____	_____
(3): _____	_____	_____	_____
(4): _____	_____	_____	_____
(5): _____	_____	_____	_____
(6): _____	_____	_____	_____

LABORATORY NAME	REPORTED FLOW (GPD)	FLOW WAS:	MEASURED	CALCULATED	ESTIMATED
(1): _____	_____	(1)	[ ]	[ ]	[ ]
(2): _____	_____	(2)	[ ]	[ ]	[ ]
(3): _____	_____	(3)	[ ]	[ ]	[ ]
(4): _____	_____	(4)	[ ]	[ ]	[ ]
(5): _____	_____	(5)	[ ]	[ ]	[ ]
(6): _____	_____	(6)	[ ]	[ ]	[ ]

Pollutants (in mg/l except pH)	Daily Maximum	Lab Results A	Violation Yes/No	Lab Results B	Violation Yes/No	Lab Results C	Violation Yes/No	Lab Results D	Violation Yes/No	Lab Results E	Violation Yes/No
Arsenic	3.0										
Cadmium	15.0										
Copper	15.0										
Nickel	15.0										
Silver	5.0										
Chromium (total)	10.0										
Zinc	25.0										
Lead	5.0										
Cyanide (total)	10.0										
Cyanide (free)	2.0										
Dissolved Sulfides	0.1										
TTO	2.0										
pH	5.5-11.0										
Dispersed O & G	600.0										
Chloride	* * *										
BOD	* * *										
COD	* * *										
Suspended Solids	* * *										

IF NOT IN COMPLIANCE, ATTACH A STATEMENT OF REASONS FOR NON-COMPLIANCE AND ACTIONS TAKEN TO CORRECT THE PROBLEM.

I have properly examined and am familiar with the information submitted in this document and attachments. Based on my inquiry of those individuals responsible for obtaining the information reported herein, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment as directed by 40 CFR 403.12(k) and GMC 25-30.2(e).

AUTHORIZED REPRESENTATIVE SIGNATURE | PRINTED NAME | TITLE | DATE

JUN 1997
Received
Hazardous Materials
Section (EMC)

HAZARDOUS MATERIALS BUSINESS PLAN
CITY OF GLENDALE
SCHOLL CANYON LANDFILL GAS PROCESSING FACILITY
GLENDALE, CALIFORNIA

Prepared for:

Scholl Canyon LFG Limited Partnership
3001 Scholl Canyon Road
Glendale, California
(818) 244-9722

Prepared By:

SCS Engineers
3711 Long Beach Boulevard
Ninth Floor
Long Beach, California 90807
(310) 426-9544

May 1997

File No. 0197007.00 Task 17

GLENDALE FIRE DEPARTMENT
HAZARDOUS MATERIALS SECTION
780 Flower Street
Glendale CA 91201
(818) 548-4030

BUSINESS EMERGENCY PLAN

TO AVOID PENALTY, THIS FORM MUST BE RETURNED WITHIN TWENTY-ONE (21) DAYS. THE INFORMATION SHOULD BE TYPED OR PRINTED.

PART I: BUSINESS IDENTIFICATION DATA

BUSINESS NAME. (DBA): Scholl Canyon LFG Limited Partnership

BUSINESS ADDRESS: 3001 Scholl Canyon Rd., Glendale, CA 91206
NUMBER STREET

MAILING ADDRESS: 13 Elm St., Ste.#200, Cohasset, MA 02025
CITY ZIP CODE

BUSINESS PHONE: (617) . 383-3200
AREA

BUSINESS OWNER: Scholl Canyon Landfill Gas Corporation, General Partner
LAST NAME FIRST NAME

PRIMARY CONTACT PERSON: Gordon L. Deane
TITLE: President

NATURE OF YOUR BUSINESS (Describe Briefly): Landfill Gas Recovery & Processing

EMERGENCY CONTACT PERSON (After business hours): Bier, Jim
LAST NAME FIRST NAME

Project Manager ( ) 310 798-9208
TITLE PHONE #

EMERGENCY CONTACT PERSON (Alternate): Everett, Brad
LAST NAME FIRST NAME

Plant Operator ( ) 310 930-8951
TITLE PHONE #

EMERGENCY CONTACT PERSONS MUST HAVE FULL ACCESS TO THE FACILITY ALONG WITH SITE FAMILIARITY AND AUTHORITY TO MAKE DECISIONS FOR THIS BUSINESS.

PART II - EMERGENCY RESPONSE PLAN AND NOTIFICATION RESPONSIBILITIES

You are required to **immediately** report any hazardous materials or waste release to the Glendale Fire Department by dialing 911, and to the Governor's Office of Emergency Services (OES) at (800) 852-7550. Failure to do so may result in criminal and/or civil prosecution to the fullest extent to the law. Designate employees who will notify above agencies in case of an emergency.

Steve Cooper	Plant Operator	(818) 244-9722
Employee Name	Title	Phone #
Brad Everett	Plant Operator	(818) 244-9722
Employee Name	Title	Phone #

MISCELLANEOUS CONTACT INFORMATION

1. Hazardous Waste contractor/Hauler

Asbury Environmental	(310) 886-3400
Name	Phone #

2. Insurance Company

Minet Insurance Brokers - Rob Bothwell	(617) 261-6700
Name	Phone #

3. Poison Control Center (Los Angeles) (213) 484-5151

4. Poison Control Center (UCI) (714) 634-5988

* Dun & Bradstreet # None.

City of Glendale
Fire Department
Environmental Management Center
780 Flower Street
Glendale, CA 91201-3057
ATTN: Industrial Waste Program

FILE COPY

RECEIPT OF INDUSTRIAL WASTEWATER DISCHARGE PERMIT W-4339

Company Name: City of Glendale Water & Power

Location: 3001 Scholl Canyon Road

I.W. Permit No: W-4339

I hereby certify that I have received the INDUSTRIAL WASTEWATER DISCHARGE PERMIT W-4339 for the facility location at the City of Glendale Water & Power Landfill Gas to Energy Plant 3001 Scholl Canyon Road.

All requirements, discharge limitations, point(s) of compliance and standard and specific conditions have been reviewed. I fully understand the requirements, and I am aware that failure to comply with these requirements may result in enforcement action against my company.

JOHN ESCUDERO
AUTHORIZED REPRESENTATIVE (PRINT)

SIGNATURE

OPERATIONS SUPERVISOR
TITLE

1/9/2012
DATE

BREAKERS

MAIN

COMP 101A
E50

COMP 101B
E50

EXISTING FLARE STATION

STORAGE SHED

USED OIL (200 GAL)

OIL DAY TANKS

COOLER

GAS COMPRESSOR (101A)

OIL

PRECOOLER

USED OIL TANKS (55 GAL EACH)

ENVIROSCRUB STORAGE

H_2S ADSORBER

GAS PLANT

COOLER

GAS COMPRESSOR (101B)

OIL

OIL DAY TANKS

ENVIROSCRUB MIXING TANK

COALESCING KNOCKOUT UNIT

WORK BENCH

TOOL SHED

1,000 GALLON 10S – OIL TANK

GLYCOL COOLER

MCC

AIR COMPRESSOR

LOS ANGELES COUNTY SANITATION DISTRICTS CONDENSATE PROCESSING AREA

T-1

EMERGENCY TANKS

T-2

SLUDGE STORAGE

Oil Storage

Sump

NaOCl

DAF Effluent

DAF

Anionic Polymer

Polymer

Coag.

AIR STRIPPER SKID

Soda

Emergency Shower

GA Influent

GA Effluent

GA UNIT

CTS

MAGNAFLOC 7981

SWT-2070

CITGO OIL

EMPTY DRUMS

ANTIFREEZE & CLEANING SOLUTION

STORAGE

NOT TO SCALE

NOTES:

STORAGE CONTAINER

GAS PLANT OFFICE

SCHOLL CANYON LANDFILL GAS PLANT

3001 SCHOLL CANYON ROAD
GLENDALE, CA 91206
SITE MAP

MAP #2

01/03/2012

SCALE NTS

8 7 6 5 4 3 2 1

City of Glendale – Unified Program (CUPA) Agency
780 Flower Street, Glendale, CA 91201
HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION (Form 2731)

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3
Scholl Canyon Landfill Gas Plant

CHEMICAL LOCATION 201
CTS and Gas Plant

CHEMICAL LOCATION CONFIDENTIAL (EPCRA) 202 ☐ YES ☒ NO

FACILITY ID # 2 1 9 0 0 0 - 0 0 2 5 7 2 1

MAP# 203: 2

GRID# 204: B4 & B3

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If Subject to EPCRA, refer to instructions

COMMON NAME SWT 2070 207

EHS* 208 ☐ Yes ☐ No

CAS# 209

*If EHS is "Yes", all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES 210

HAZARDOUS MATERIAL TYPE (Check one item only) 211 ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE

RADIOACTIVE 212 ☐ Yes ☒ No

CURIES 213

PHYSICAL STATE (Check one item only) 214 ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS

LARGEST CONTAINER 215: 120

FED HAZARD CATEGORIES (Check all that apply) 216 ☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☑ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT 217	MAXIMUM DAILY AMOUNT 218	ANNUAL WASTE AMOUNT 219	STATE WASTE CODE 220
230	340		

UNITS* (Check one item only) 221 ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds.

DAYS ON SITE: 222: 365

STORAGE CONTAINER 223
☐ a. ABOVE GROUND TANK ☐ b. UNDERGROUND TANK ☐ c. TANK INSIDE BUILDING ☐ d. STEEL DRUM
☐ e. PLASTIC/NONMETALLIC DRUM ☐ f. CAN ☐ g. CARBOY ☐ h. SILO
☐ i. FIBER DRUM ☐ j. BAG ☐ k. BOX ☐ l. CYLINDER
☐ m. GLASS BOTTLE ☐ n. PLASTIC BOTTLE ☐ o. TOTE BIN ☐ p. TANK WAGON
☐ q. RAIL CAR ☐ r. OTHER

STORAGE PRESSURE 224 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
1	30-50 226	Polyaluminum Chloride 227	☐ Yes ☒ No 228	1327-41-9 229
2	50-70 230	Water 231	☐ Yes ☒ No 232	7732-18-5 233
3	234	235	☐ Yes ☐ No 236	237
4	238	239	☐ Yes ☐ No 240	241
5	242	243	☐ Yes ☐ No 244	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION 246

If EPCRA, Please Sign Here X_____
(Facilities reporting Chemicals subject to EPCRA reporting thresholds must sign each Chemical Description page for each EPCRA reported chemical.)

OPERATIONS AND EMERGENCY RESPONSE DOCUMENT

PALMER MANAGEMENT GAS PLANT AND CONDENSATE TREATMENT SYSTEM SCHOLL CANYON LANDFILL

PREPARED FOR:

PALMER MANAGEMENT

SCHOLL CANYON LANDFILL

7721 N. Figueroa Street

Glendale, CA 90041

PREPARED BY:

INVIROTREAT INC.

P.O. Box 3970

Fullerton, CA 92834

NOVEMBER 30, 2007

CITY OF Glendale CALIFORNIA

Environmental Management Center • (818) 548-4030
780 Flower Street, Glendale, CA 91201

Fire Division
HAZARDOUS
MATERIALS
SECTION

May 24, 2000

Scholl Canyon LFG Limited Partnership
1309 114th Avenue SE #101
Bellevue, WA 98004

Attention: David Marques,

Subject: NOTICE OF VIOLATION
Scholl Canyon LFG Limited Partnership
3001 Scholl Canyon Road

Gentlemen:

This letter will serve to provide notice, and does hereby so provide, that your failure to sample the waste effluent for flammability during the fourth quarter of 1999 and the first quarter of 2000 is in violation of the Industrial Waste Permit Monitoring requirements for the subject facility. The above violations were brought to the attention of your Plant Manager Bradley Everett, on April 19, 2000.

It is necessary that you immediately cease and desist at once from any and all violations of established permit monitoring requirements for the subject facility. You are hereby required to submit within 20 days of receipt of this Notice of Violation a detail letter of explanation as to the cause of the above violations and corrective actions that will be taken to prevent future violations.

If you have any questions regarding the above subject matter, you may contact me or Captain Eric Indermill at (818)548-4030.

Very truly yours,

Gregory P. Ahern, Sr.

Gregory P. Ahern, Sr.
Fire/Environmental Safety Specialist

cc: ~~Capt. Indermill, Fire~~
Vasken Demirjian, Fire
Jake Amar, P.W. Engineering
Steve Zurn, P.W. Administration

Z-7

Copy TOTAL P.01

STATE OF CALIFORNIA

DEPARTMENT OF INDUSTRIAL RELATIONS
CAL/OSHA CONSULTATION SERVICE
10350 Heritage Park Drive, Suite 201
Santa Fe Springs, CA 90670-7312

Phone: (562) 944-9366
FAX No.: (562) 941-3133

April 13, 2000

Mr. Bradley Everett
Plant Manager
Palmer Management
3001 Scholl Canyon Road
Glendale, CA 91206

Refer to Case File Number: 00081

Dear Mr. Everett:

We received your Report of Action Taken on Correction of Hazards for the survey done at your facility referenced above. Your report indicated that all items were corrected as of March 16, 2000.

Your steps taken to correct these hazards seem to be satisfactory. Your file was closed on March 20, 2000.

Please call us at (562) 944-9355, if you have any additional questions.

Sincerely,

Kelly J. Howard
Area Manager

cc: Paul Gupta
Safety Consultant

APR 2000
Received
Hazardous Materials
Section (EMC)

P.01

March 16, 2000

Mr. Paul Gupta
Department of Industrial Relations
Cal/OSHA Consultation Service
10350 Heritage Park Dr., Suite 201
Santa Fe Springs, CA 90670-7312

RE: Palmer Management/Scholl Canyon Landfill
(Visit No. 501148407; Case File #: 00081)

Dear Paul:

Attached please find the Employer Report of Action Taken, which addresses the corrective measures taken by Palmer Management to bring the Condensate Treatment System at Scholl Canyon Landfill to compliance with Cal/OSHA.

Please call me if you have any questions or comments regarding our corrective action measures.

We thank you for your assistance in restoring safe environment at our facility.

Sincerely,

Bradley Everett
Plant Manager

cc: Dr. Alon Lebel, Invirotreat Inc.

PALMER MANAGEMENT
3001 SCHOLL CANYON ROAD
GLENDALE, CA

EMPLOYER REPORT OF ACTION TAKEN

Item Number	0001	Hazard Type	**Serious**	Standard	.3203(a)
Instance	A	Correction Due Date	3/20/00	Date Corrected	3/16/00

Describe Corrective Action Taken

Developed a written Injury and Illness Prevention (IIP) Program.

Action Taken to Prevent Recurrence

Maintain the IIPP updated and on the premises.

Item Number	0002	Hazard Type	**Serious**	Standard	.3314(f)
Instance	A	Correction Due Date	3/20/00	Date Corrected	3/16/00

Describe Corrective Action Taken

Developed a written Lockout/Blockout Program to provide specific energy control procedures be utilized for the control of hazardous energy during maintenance/servicing/repair of equipment.

Action Taken to Prevent Recurrence

Implement lockout/tagout procedures, and enforce through safety meeting, communication and oversight.

Item Number	0003	Hazard Type	**Serious**	Standard	.5194(e)(01)
Instance	A	Correction Due Date	3/20/00	Date Corrected	3/16/00

Describe Corrective Action Taken

Developed a written hazard communication program.

Action Taken to Prevent Recurrence

Maintain the hazard communication program updated and on the premises.

PALMER MANAGEMENT
3001 SCHOLL CANYON ROAD
GLENDALE, CA

EMPLOYER REPORT OF ACTION TAKEN

Item Number	0004	Hazard Type	Serious	Standard	.5144(c)(01)
Instance	A	Correction Due Date	3/20/00	Date Corrected	3/16/00

Describe Corrective Action Taken

The facility is an outdoor treatment system with passive vapor control system. The air emissions are not at trace levels only, well below the threshold concentrations that will have potential for harmful exposures to operators and visitors. Therefore, no respiratory protection program is required.

Action Taken to Prevent Recurrence

Maintain engineering controls to eliminate exposure to harmful vapors and airborne particulates.

Item Number	0005	Hazard Type	Serious	Standard	.3321(a)
Instance	A	Correction Due Date	3/20/00	Date Corrected	3/16/00

Describe Corrective Action Taken

Identified by clear tags, all process piping and tanks in the facility.

Action Taken to Prevent Recurrence

Maintain the tags clean and legible at all times. Replace when necessary.

Item Number	0006	Hazard Type	Serious	Standard	.3273(l)
Instance	A	Correction Due Date	3/20/00	Date Corrected	3/16/00

Describe Corrective Action Taken

Install a cover over the sump pit in the treatment system area.

Action Taken to Prevent Recurrence

Maintain the cover in place at all times, expect when service/maintenance work is required.

Z-7

Z-7

ALMER MANAGEMENT
1001 SCHOLL CANYON ROAD
GLENDALE, CA

EMPLOYER REPORT OF ACTION TAKEN

Item Number	0007	Hazard Type	Serious	Standard	2340.0011(a)(01)
Instance	A	Correction Due Date	3/20/00	Date Corrected	3/16/00

Describe Corrective Action Taken

Enclose conductor in an rain-tight conduits, per Electrical Code.

Action Taken to Prevent Recurrence

Inspect the electrical raceways and equipment regularly and repair any hazard conditions as they are detected.

City of Glendale
AVOID VERBAL ORDERS

September 24, 1998

To Jake Amar, Senior Environmental Technician

From David Starr, Fire Marshal

Subject Scholl Canyon LFG

On September 21, 1998 we received a letter from Patrick Sullivan of SCS Engineers updating us on progress at the landfill gas processing facility. This letter did not address many of the Fire Department's concerns. To avoid confusion I would like to review our requirements for the facility.

The Fire Department is responsible for assuring appropriate Hazardous and Industrial waste treatment and disposal, and adequate fire and life safety in the design and operation of facilities within the City. The variability of the waste stream and gasses produced in the landfill makes it difficult to identify what are reasonable requirements in both these areas. It was for this reason that we required third party review. All parties involved agreed that OWT Emcon has the technical expertise to evaluate problems and solutions encountered in this process.

The Scholl Canyon Landfill Gas processing Facility (Scholl LFG) operates under an Industrial Waste Permit. This requires that all discharge to sewer meet Federal, State and Local water quality standards and that pretreatment facilities and processes are adequate to maintain discharge at those levels. Scholl LFG has also applied for a Hazardous Waste Treatment Tiered Permit as required by CCR Title 22. These permits will be issued after the treatment system has been evaluated and approved.

Prior to construction Fire Department Inspectors in the Permit Services Center perform Plan Review to verify compliance with applicable sections of the Building and Fire Codes. The plans for the Scholl LFG were not approved for the reasons detailed the letter to Mr. Maloney dated January 7, 1998, attached.

Steve Zurn, Senior Executive Assistant, Public Works, asked for and received permission to operate the treatment system prior to plan approval contingent on several conditions including the selection of a third party for review and recommendations. Please see the letter to Steve Zurn dated January 29, 1998, attached. OWT Emcon was selected early this year and started working on the project in April. The Scope of Work for OWT Emcon is to:

- characterize the landfill gas prior to treatment, post treatment and between stages of treatment as appropriate.
- review the pre-treatment system for adequacy
- review the system plans for items listed in plan check review letter dated January 7, 1998 (attached.)

Z-7

As of September 24, 1998 no Building Permits have been issued for the construction at the Scholl LFG. The plant has been operating without an active Industrial Waste Permit by disposing of effluent off site. The Facility was granted permission to batch test and dump waste water to the sewer system during a "break-in" operation period.

In light of Mr Sullivan's letter we feel it is important to clarify the following.

- No changes in the requirements spelled out in attachments 1or 2 have been made.
- We will expect the recommendations to OWT Emcon to be met prior to issuing any Building Permits.
- No Permits will be issued to the facility until the Building and Fire Code issues are addressed satisfactorily.

If you would like to discuss this matter please contact me directly. Please contact Captain Indermill at the EMC (4030) to coordinate technical assistance by our staff.

Public Works called the meeting and has never given us an agenda beyond "Scholl Canyon". I spoke with Steve Zurn and Jake and they said it is to discuss the high cost of meeting our requirements for site safety and operations plans reviews. EMCON reportedly estimates that to be a $10,000 job that will take at least one month. The attachment is a pretty good summary that was sent to you last week, with a request for guidance on what else we need to provide the Chiefs. I do not know what has been sent on.

<< File: background 073099.wpd >>

It basically comes down to what we accept as adequate procedural safeguards for a process that can, and has, produce(d) flammable concentration in the tanks. We have fire permitting responsibilities and authority to approve a Contingency plan (H&S Title 22) and Training plans (H&S Title 22 and OSHA).

I think Public Works wants a safe operation, they just don't know how to get one for free.

Jeff was involved in the original review of the plant- he is on vacation.

Vasken can provide expertise on the Codes authorizing our requirements, he has never finalized his position on appropriate permitting of the facility as a waste treatment site.

Ahern has been on many inspections and spills at the facility. Do you want to meet?

Eric

OWT
ENVIROTECH

April 27, 1998

Mr. Jake Amar
Senior Environmental Technician
CITY OF GLENDALE
633 E. Broadway, Room 205
Glendale, CA 91206

Subject: Scholl Canyon Landfill Condensate

Per a meeting with Mr. Eric Indermill, Fire Captain; Mr. Vasken Demirjian, Hazardous Materials Supervisor, and Mr. Jake Amar, Senior Environmental Technician, Scholl Canyon Landfill, at the Environmental Management Center in the City of Glendale on April 20, 1998, I have summarized the initial scope of work proposed by EMCON.

PROJECT UNDERSTANDING

The major concern is that there are oily substances in the landfill gas (LFG) condensate that are causing the flammability point to be less than the 140° Farhenheit allowable threshold. This condition is a potential safety hazard due to the explosive nature of the oily condensate. The source of the oily condensate is unknown at this time, but it is suspected that oil is being inadvertently added to the condensate during processing of the LFG; possibly at the compressor station. Laboratory analysis of the LFG condensate has been performed to determine the source of the oily condensate, but the results are inconclusive due to possible laboratory or sampling error.

A condensate pre-treatment system has been reviewed by the City of Glendale Fire Department. However, the proposed plans have not been approved due to several of the Fire Department's concerns as stated in the attached letter dated January 7, 1998. Primary concern is that the condensate influent and the process effluent is considered a Class I flammable liquid, and has not been adequately addressed in the proposal.

15255 ALTON PARKWAY, STE. 100 · IRVINE, CA 92618
TEL 714·450·0622 · FAX 714·450·0524

SCOPE OF WORK

EMCON is to provide third-party review services for the Glendale Fire Department and the City of Glendale. Based on our understanding of the project, available correspondence, the attached letter, and the meeting held on March 23, 1998, the following scope of work is anticipated:

- EMCON will facilitate the testing to be performed to characterize the LFG condensate prior to treatment, post treatment and between stages of treatment (if deemed appropriate) at locations determined upon review (Item #3, attached letter).
- EMCON will review the pre-treatment system for adequate treatment of the LFG condensate, and offer recommendations (Item #3, attached letter).
- EMCON will review the treatment system plans for completion of items listed under Item #2 in attached letter.

To perform the scope of work, the initial tasks will be performed.

- EMCON personnel will review available plans and past LFG condensate laboratory results, and visit the pre-treatment system in preparation of system assessment for issues listed in Item #2.

- EMCON personnel will visit the site with City and Fire Department representatives to familiarize EMCON personnel with the site and further define pertinent issues. The visit will include a review of the pre-treatment system in preparation of system assessment for issues listed in Item #2. In addition, potential sampling locations for further LFG condensate analysis will be determined.

- Three certified laboratories will be selected to analyze the samples. The selected labs will not be the same labs that performed the analysis of condensate samples in the prior year.

- EMCON will prepare a detailed scope of work once the site visit has been conducted.

- EMCON will participate in a meeting with all parties involved with this project to explain the detailed scope of work. Revisions to the scope of work will be made as agreed upon by involved parties. A schedule showing when tasks are to be performed and completed will be developed and submitted to the Fire Department and City of Glendale.

SCHEDULE

EMCON staff will review available plans and laboratory results prior to our site visit. It is proposed that the site visit be performed within the first two weeks of May. A detailed proposal will be submitted and a meeting between involved parties will be held within the last two weeks of May. Meanwhile, depending on the availability of revised plans referred to in Item #2, a review of the system will be performed.

Please call me if you have any questions. EMCON Senior Engineer, Stan Strong, will be available to work on this project beginning May 4th. I will make arrangements early next week with EMCON personnel, the Fire Department and Jake Amar to visit Scholl Canyon Landfill.

Sincerely,

Vicki Castle

Vicki Castle
Area Manager

Encl: Letter from City of Glendale - Fire Department
dated January 7, 1998

cc: Vasken Demirjian, Hazardous Materials Supervisor,
City of Glendale
Eric Indermill, Fire Captain, City of Glendale
Stan Strong, EMCON-San Jose

DRAFT

City of Glendale - Fire Department

Fire Prevention Bureau

Permit Services Center
633 East Broadway, Room 101
Glendale, CA 91206-4390
Ph: 818/548-3207
FAX: 818/548-3215

Project Address: 3001 Scholl Canyon
Scholl Canyon Landfill

Date: January 7, 1998

Applicant: Mr. G. F. Maloney
Maloney Process, Inc.

Ph: 714/630-3770
FAX: 714/630-3793

Plan Review for: Industrial Waste Treatment System

Plan Check No. 10339

The Glendale Fire Department has completed a preliminary plan review of the proposed industrial waste treatment system for the abovementioned project. These plans are not approved and shall be revised, resubmitted and approved prior to issuance of the fire prevention permit. The following items shall be provided:

_____Item #1. The plans submitted have been preliminarily reviewed. The review cannot be completed, however, at this time. It has come to the Fire Department's attention that the condensate influent and the process effluent are class I flammable liquid. Because the treatment plant as it exits was not intended for the processing of flammable liquids, and the current proposal does not adequately address this hazard, as well as other Fire Department concerns (described in item #2), the plans shall be revised based on further engineering analysis (as described in item 3 below).

_____Item #2. The plans shall be revised to address the following items:

a. Flammability throughout the process - details on proper handling, processing, treatment, and disposal of flammable liquids; shall include equipment, piping, monitoring systems, automatic shutdowns and automatic interlocks, etc., from a global [total process] perspective;
b. Sulfides pretreatment control for waste stream discharge;
c. Oil and grease extraction, processing, and disposal;
d. Odor elimination;
e. Secondary containment of the condensate collection tank and the piping between the tank and the treatment facility (this item may be considered for a phased approach; a work plan describing a proposed approach with time frames for phasing shall be approved as part of these plans);
f. Placarding and/or signage of the site, all tanks, piping, and equipment.

_____Item #3. In order to assist the Fire Department in review of this project, a third party technical report shall be provided by a competent expert acceptable to both the owner(s) and the Glendale Fire Department. The costs associated with this shall be borne by the owner(s) [94 UFC Section 103.1.1]. The consultant shall have all necessary testing performed to fully characterize all current and potential products that could reasonably be found at such sites and be transported through the treatment system, review the proposed system for treatment of all such products, and make recommendations. The Fire Department will develop a list of acceptable consultants. Prior to hiring the consultant, a scoping and objectives meeting shall be set with the Fire Department.

If you should have any questions, please do not hesitate to call.

Jeffrey D. Halpert
Kelly Coudsy
Patrick Shelton
Fire Prevention Inspector

cc: Steve Zurn, Public Works

WASTEWATER RECLAMATION
SOLID WASTE MANAGEMENT

COUNTY SANITATION DISTRICTS
OF LOS ANGELES COUNTY

1955 Workman Mill Road, Whittier, CA 90601-1400
Mailing Address: P.O. Box 4998, Whittier, CA 90607-4998
Telephone: (562) 699-7411, FAX: (562) 699-5422

CHARLES W. CARRY
Chief Engineer and General Manager

February 12, 1998
File No. 31R-104.10

Mr. Vasken Demirjian
Hazardous Materials Supervisor
Glendale Fire Division
Environmental Management Center
Hazardous Materials Section
780 Flower Street
Glendale, CA 91201

Dear Mr. Demirjian:

Scholl Canyon Landfill
Landfill Gas Condensate Characterization and Discharge
(Permit No. W-2762)

This is in response to your January 26, 1998 letter regarding condensate characterization and discharge from Scholl Canyon Landfill.

The Sanitation Districts understand the significance of the flash point results. The Sanitation Districts did take appropriate action and worked cooperatively with City of Glendale Fire Department staff to address this issue.

As discussed in the Scholl Canyon Landfill Industrial Wastewater Discharge Self Monitoring Report for the Fourth Quarter of 1997, two samples analyzed by the Montgomery Watson Laboratories (MWL) during the monitoring period showed flash point values lower than 140 degrees Fahrenheit. To verify these results, both the City of Glendale and the Sanitation Districts collected multiple samples in December 1997 and January 1998 for flash point analyses. These analyses were conducted at Weck Laboratory and City of Los Angeles Department of General Services. All samples analyzed at these two laboratories showed that landfill gas condensate discharged from the Scholl Canyon Landfill was not flammable. The attached table summarizes these results.

As indicated in the table, there were five samples that did not meet the flash point requirement. Three of these samples were analyzed by MWL. The other two samples were collected on December 18, 1997 by the City of Glendale inspector and analyzed at an unknown laboratory. The results from these two samples are questionable because these samples, although having very different characteristics, were found to have almost identical flash points - 83 and 84 degrees Fahrenheit. One of these samples consisted of 100% landfill gas condensate, while the other was 90% canyon water and 10% condensate. The Sanitation Districts would appreciate knowing if these samples were analyzed by MWL.

The Sanitation Districts initiated an evaluation of the equipment and procedures used by MWL

Recycled Paper

for flash point analysis in January 1998. The evaluation was prompted by an observation that virtually all (33 out of 34) samples analyzed by MWL since September 24, 1997 for Sanitation Districts' industrial waste compliance programs were found to have low flash points. The Sanitation Districts recently completed this evaluation and concluded that flash point test results obtained by MWL are unreliable and are likely to give false positive results. The City of Glendale is free to contact MWL to verify these findings.

At the January 12, 1998 meeting, the Sanitation Districts found out that a sample was collected by the City of Glendale inspector on December 19, 1997 from the Scholl Canyon Landfill Gas Compressor Facility (Compressor Facility). The Compressor Facility, although located on the premises of the Scholl Canyon Landfill, is operated by the Scholl Canyon Landfill Gas Limited Partnership, and the Sanitation Districts have nothing to do with this facility. Wastewater from the Compressor Facility is discharged to the City of Glendale sewer system under a separate industrial wastewater discharge permit. Attached is a flow diagram of industrial wastewater streams generated from the Scholl Canyon Landfill site, both the active and closed portions of the landfill, and from the Compressor Facility. It is clear from this flow diagram that the discharge from the Compressor Facility is not related to Permit No. W-2762.

Finally, your letter also mentioned that the City of Glendale Fire Department is in the process of requiring a complete evaluation and analysis of gas recovery and treatment system by a third party. You indicated that this evalution would assist your plan-check process of treatment system modifications submitted by the Scholl Canyon Landfill Gas Limited Partnership. The Sanitation Districts would like to participate in this evaluation process since your requirements for discharge of canyon water and condensate may change pending results of this third party evaluation.

If you have any other questions regarding this matter, please do not hesitate to contact Mr. Larry Kaufman of this office.

Very truly yours,

Charles W. Carry

Thomas J. LeBrun
Division Engineer
Solid Waste Management Department

TJL:LDK:leh
Attachment

cc: Kerry Morford, City of Glendale, Director of Public Works

Scholl Canyon Landfill Waste Water Flash Point Analyses

SAMPLING DATE	COLLECTED BY	ANALYZED BY	FLASH POINT (°F)
CANYON WATER & CONDENSATE			
10/16/97	BCA	MWL	**76**
12/18/97	CITY	NA	**84**
12/19/97	BCA	MWL	**81**
12/19/97	CSD	WECK	>200
CANYON WATER			
12/19/97	BCA	MWL	>140
12/19/97	CSD	WECK	>200
12/31/97	CITY	LACL	>140
12/31/97	CSD	WECK	>200
LANDFILL GAS CONDENSATE			
12/18/97	CITY	NA	**83**
12/31/97	CITY	LACL	>140
12/31/97	CSD	WECK	>200
12/31/97	CSD	WECK	>200
1/5/98	CSD	MWL	**78**
1/5/98	CSD	WECK	>200
1/5/98	CITY	LACL	>140
1/12/98	CSD	WECK	>200
1/12/98	CITY	LACL	>140
1/12/98	CSD	WECK	>200
1/12/98	CITY	LACL	>140

NOTES:
BCA - BC ANALYTICAL
CITY - CITY OF GLENDALE
CSD - COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
MWL - MONTGOMERY WATSON LABORATORIES
WECK - WECK LABORATORY
LACL - ANALYSIS: CITY OF LOS ANGELES DEPT. OF GENERAL SERVICES, STANDARDS DIVISION
NA - NOT AVAILABLE (LABORATORY IDENTITY NOT CONFIRMED)

CITY OF GLENDALE

CLOSED SCHOLL CANYON LANDFILL

CLOSED SCHOLL CANYON LANDFILL GAS COLLECTION SYSTEM CONDENSATE (146,665 gal)

CLOSED SCHOLL CANYON LANDFILL CANYON WATER EXTRACTION WELLS (9,741,181 gal)

SCHOLL CANYON LANDFILL

SCHOLL CANYON LANDFILL CANYON WATER EXTRACTION WELLS (10,333,882 gal)

CANYON WATER AIR STRIPPER EFFLUENT

Average portion of discharge to sewer = 96.16%
Average BOD = 10.9 mg/l
Average TSS = 89.4 mg/l
(20,075,063 gal)

SCHOLL CANYON LANDFILL

SCHOLL CANYON LANDFILL GAS COLLECTION SYSTEM CONDENSATE (539,259 gal)

LANDFILL GAS CONDENSATE AIR STRIPPER EFFLUENT

Average portion of discharge to sewer = 3.29%
Average BOD = 2953.3 mg/l
Average TSS = 109.8 mg/l
(685,924 gal)

LIQUID SODIUM HYDROXIDE ADDED FOR NEUTRALIZATION OF PH

SCHOLL CANYON LANDFILL

SAMPLE BOX IW1

WEIR BOX (INSTRUMENTED)

WEIR BOX INSTRUMENTATION:

1) WATER LEVEL SENSOR TO MEASURE FLOW THROUGH WEIR
   - CURRENT FLOW RATE DISPLAYED
   - CUMULATIVE FLOW RECORDED ON TOTALIZER

2) pH SENSOR
   - ACTIVATES ALARM IF OUTSIDE PERMITTED pH RANGE
   - pH RECORDED ON CHART

SANITARY DISCHARGE FROM FLARE STATION AREA TRAILERS

RADIATOR WATER FILLING PAD OVERFLOW (IN SCALE AREA)

Average portion of discharge to sewer = 0.55%
Average BOD = NOT ANALYZED
Average TSS = NOT ANALYZED
(115,450 gal)

SANITARY DISCHARGE FROM SCALE AREA OFFICE

TO CITY OF GLENDALE TRUNK SEWER LINE (PERMIT NUMBER W-2762)

SCHOLL CANYON LANDFILL GAS LIMITED PARTNERSHIP

SCHOLL CANYON LANDFILL GAS COMPRESSOR FACILITY

CONDENSATE FROM SCHOLL CANYON LANDFILL GAS COMPRESSOR FACILITY (UNDER SEPARATE I.W. PERMIT)

COMPRESSOR FACILITY CONDENSATE AIR STRIPPER AND DISCHARGE POINT TO SEWER

FLOW METER *

SAMPLE BOX *

TO CITY OF GLENDALE TRUNK SEWER LINE

NOTES:

Discharge volumes and percentages are for 1995-1996 discharges.

Water quality data presented is average for sample data from 1995 - 1996.

* - Flow meter and sample box required, but not yet constructed.

CITY OF Glendale CALIFORNIA

Environmental Management Center
780 Flower Street, Glendale, CA 91201

(818) 548-4030

Fire Division
HAZARDOUS
MATERIALS
SECTION

January 20, 1998

County Sanitation Districts
of Los Angeles County
P.O.Box 4998
Whittier, CA 90607-1400

Attention: Thomas J. LeBrun, Division Engineer

Subject: Condensate Characterization and Discharge

Dear Mr. LeBrun:

On January 12, 1998, we met with the County Sanitation District staff at the Scholl Canyon Landfill to discuss and review the flammability issue of landfill gas condensate. A three point proposal was submitted by your staff highlighting a potential problem with flash point analysis results received from the Montgomery Watson Laboratories.

This issue was further discussed in your Self Monitoring Report for the fourth quarter of 1997, dated January 15,1998. However, both the January 15th. report and your staff proposal failed to acknowledge the significance of December 18 and 19 sample results indicating flammable characteristics.

Due to the dynamic nature of this waste stream and many unanswered questions that exist, the Fire Department is in process of requiring a complete evaluation and analysis of gas recovery and treatment system by a third party. This evaluation will also assist us in the plan-check process of treatment system modification plans submitted by the Scholl Canyon LFG Limited Partnership.

In the interim, as of January 13, 1998, the Fire Department approved the normal discharge of canyon water and condensate into the sewer. This activity is subject to potential future modification or policy directives to be established as a result of the third party evaluation.

Should you have any questions with regard this matter, please feel free to call me or Capt. Indermill at (818)548-4030.

Very truly yours,

Vasken Demirjian,
Hazardous Materials Suprv.

c.c.: Larry Kaufman
Capt. Indermill
Inspector Ahern

Environmental Consultants

3711 Long Beach Boulevard
Ninth Floor
Long Beach, CA 90807-3315

562 426-9544
FAX 562 427-0805
http://www.scseng

SCS ENGINEERS

April 9, 1998
File No. 0196115.00

City of Glendale
Environmental Management Center
Hazardous Materials Section
780 Flower Street
Glendale, California 91201

Attention: Industrial Waste Program

SUBJECT: INDUSTRIAL WASTEWATER MONITORING, FIRST QUARTER 1998, SCHOLL CANYON LANDFILL GAS LIMITED PARTNERSHIP, 3001 SCHOLL CANYON ROAD, GLENDALE, CALIFORNIA (W-3142)

To Whom It May Concern:

This letter constitutes notification that no industrial wastewater has been discharged from the Scholl Canyon facility between January 1, 1998 and March 31, 1998. As such, no self-monitoring was conducted at Scholl Canyon during the first quarter (January through March) 1998.

Since January 1998, all condensate collected as part of the Scholl Canyon Landfill Gas treatment facility has been collected and subsequently hauled off-site for appropriate disposal. This change in process is the result of repeated oil and grease discharge limitation violations. Please note that the pending upgrade and re-location of the system to the compressor station area will mitigate problems with oil and grease and will allow condensate to be treated and discharges to the city sewer system as originally intended.

Please address any questions or comments related to this submittal to our office.

Sincerely,

Ray Huff, R.E.A.
Project Scientist

Patrick S. Sullivan, R.E.A., C.P.P.
Project Manager
SCS ENGINEERS

Enclosures

cc: Chris Foland; SCS Field Services
Gordon Deane; Palmer Management Corp.

SCHOLL CANYON CONDENSATE TREATMENT UPGRADES

Areas of Fire Department Regulatory Concern.
- Hazardous and Industrial Waste.
- Fire and Life Safety.
  - Facility design and operation.
- Variability of product stream from Landfill gasses.

Hazardous waste- Industrial waste.
- Industrial waste.
  - Discharge to sewer shall meet State, Federal and Local standards.
  - Pretreatment facilities and processes shall be adequate to maintain discharge quality at those levels.
- Hazardous Waste having the characteristic of inflammability is regulated by *Title 22* and Glendale as a CUPA requires
  - tiered perimiting
  - CUPA permit

Fire and Life Safety
- Plan review prior to construction to verify that safety issues are addressed prior to construction of inadequate design. Plan check evaluates (#10339 dated 1-7-98)
  - Handling of Flammable and combustible liquids.
    - Equipment, piping, monitoring systems, automatic shutdowns and interlocks.
    - Contaminants- oil and grease, sulfides and odor elimination
    - Secondary containment.

Variability of Waste stream.
- The landfill gasses collected at Scholl Canyon have, on occasion, shown the characteristic of inflammability. This in unusual but not unheard of. Treatment processes designed for this type of material are considerably more expensive to build and operate.
  - OWT Emcon was selected by Glendale Public Works, SCS-LP and Glendale Fire as a third party to evaluate waste stream variability and adequacy of design.

Glendale Fire has notified SCS-LP and SCS-Engineering that the following are required:
- All discharge to sewer system must meet State, Federal and Local limits.
  - Batch testing for flammability prior to discharge is allowble.
  - Periodic testing for other contaminants shall be performed as proscribed in the Permit when a permit for the new process is issued. Standards will be largely equal to those of the previous permit.
- Wate Treatment and disposal shall be permited by the Emvironmental Management Center per _____. Operation without such a permit is a violation of _____.

Temporary operation of the treatment system was allowed with the following provisions. (Letter from David Starr to Steve Zurn dated January 29, 1998.)

- A third party review process must be in place.
- The third party agreement was to be managed and funded by Public Works.
- The treatment system developement and construction was to be continuously monitored by the third parry. Regular (weekly) reports were to be provided to the Fire Department (Captain Indermill.)
- A working time schedule was to be provided that outlined when plans would be approved and implementation could begin.

Current situation

In a letter to Captain Indermill dated September 16,1998, SCS Engineering indicated

- Construction is virtually complete
- Building Permits have been signed off
- No discussion of Fire Department Plan check requirements
- No global analysis of the suitability of the equipment, piping, monitoring systems, automatic shutdowns and interlocks for use with flammable materials was performed.
- No discussion of OWT Emcon's recommendations or involvement in the design review process.
- No discussion of Tiered Permiting requirements that have or have not been met.
- SCS would like to start up the plant with a four day "close-out sampling regime" developed with Public Works- not OWT Emcon.

Recommendation

- We should not change or reduce any of the requirements previously communicated to SCS at this time.
- We should have closer involvement in tracking the third party consultants involvement in the process evaluation.
- We should require regular reports as spelled out in F. M. Starr's letter of January 29,1998.
- We should follow the recommendations of the agreed third party as to additional requirements for process safety waste stream characterization.
- We should not issue any permits until all areas of Fire Department concern are satified..
- We should revoke the temporary operating permit on _____ if these conditions are not satified..

Z-7

CITY OF GLENDALE
INTERDEPARTMENTAL COMMUNICATION

DATE August 4, 1999

TO B/C Starrr

FROM Vasken Demirjian

SUBJECT Scholl Canyon Landfill Gas

Per your request, the following outline provides a summary of state regulations regarding hazardous waste handling, management and treatment:

1. California Code of Regulation (CCR), Title 22, Section 66265.31 - Maintain site to minimize possibility of fire, explosion, or unplanned release of hazardous waste constituents to air or surface water.
2. CCR, Title 22, Section 66265.51(a) - Maintain a contingency plan onsite.
3. CCR Title 22, Section 66265.52(d) - Identify an Emergency Coordinator.
4. CCR Title 22, Section 66265.16(a)(2) - Provide adequate training to the employees
5. CCR Title 22, Section 67450.3(c) - Prepare and maintain an Onsite Hazardous Waste Treatment Facility Information Plan.
6. CCR Title 22, Section 67450.3(c)(9) - Prepare and maintain a written Operating Instructions for the treatment unit.

Environmental Consultants

3711 Long Beach Boulevard
Ninth Floor
Long Beach, CA 90807-3315

562 426-9544
FAX 562 427-0805
http://www.scseng.com

SCS ENGINEERS

January 21, 1998
File No. 0196115.00

Mr. Gregory P. Ahern
City of Glendale
Environmental Management Center
780 Flower Street
Glendale, California 91201
OFFICE (818) 548-4030
FAX (818) 549-9777

SUBJECT: NOTICE OF VIOLATION, SCHOLL CANYON LFG LIMITED PARTNERSHIP, 3001 SCHOLL CANYON ROAD, GLENDALE, CALIFORNIA (W-3142)

Dear Greg:

The Scholl Canyon LFG Limited Partnership (SC-LP) was recently issued a Notice of Violation (NOV, dated December 31, 1997) for violation of its effluent limitation for flash point, dissolved oil and grease, and dissolved sulfides, which occurred December 19, 1997, during grab sample collection by the City of Glendale. This response to the NOV is provided by SCS Engineers (SCS) on behalf of the SC-LP in accordance with Industrial Waste Discharge Permit (W-3142).

Analytical results from the December 19, 1997 sampling event indicated that the condensate from the treatment system had a flash point of 81° Fahrenheit, dissolved oil and grease content of 1,524 mg/L and a dissolved sulfides content of 4.54 mg/L. These levels are all in exceedance of the appropriate discharge limitations of >140° Fahrenheit for flash point, 600 mg/L for oil and grease, and 1.0 mg/L for dissolved sulfides. SC-LP believed that these violations, as well as the numerous violations that have occurred during 1997, are a result of the inadequacy of the existing wastewater treatment system. Further, it is believed that the pending upgrade to the condensate treatment system will solve the numerous violations problems that have become a more common occurrence.

Therefore, as of January 6, 1998, SC-LP has temporarily ceased discharging condensate to the publicly owned treatment works (POTW) sewer system, to expedite the upgrade of the condensate treatment system. The accumulated condensate on-site has been hauled away for proper disposal. Once the proper manifests have been returned to SC-LP, copies will be made available to the City of Glendale for your reference.

Further it should be noted that SC-LP's intent was to only temporarily cease discharge to the POTW and to resume discharge after the completion of the new condensate treatment system at the Scholl Canyon LFG compression station. However, due to the failure of the Fire Department to approve the plans, construction has been suspended.

WASTEWATER RECLAMATION
SOLID WASTE MANAGEMENT

COUNTY SANITATION DISTRICTS
OF LOS ANGELES COUNTY

1955 Workman Mill Road, Whittier, CA 90601-1400
Mailing Address: P.O. Box 4998, Whittier, CA 90607-4998
Telephone: (310) 699-7411, FAX: (310) 695-6139

CHARLES W. CARRY
Chief Engineer and General Manager

January 15, 1998
File No. 31R-104.10

Mr. Gregory P. Ahern
Industrial Waste Inspector
Glendale Fire Division
Environmental Management Center
Hazardous Materials Section
780 Flower Street
Glendale, CA 91201

Attention: Industrial Waste Program

Dear Mr. Ahern:

Scholl Canyon Landfill
Industrial Wastewater Discharge Self Monitoring Report
For the Fourth Quarter of 1997
(Permit No. W-2762)

The purpose of this letter is to submit self monitoring data for Scholl Canyon Landfill pursuant to permit No. W-2762 issued by the City of Glendale. Included in this letter are the quarterly compliance report sheet and laboratory analysis reports for the fourth quarter of 1997.

On October 15, through 16, 1997, one sample was obtained for quarterly self monitoring at the site industrial waste sample box IW1. The sample was collected by BC Analytical sampling personnel, and sent to Montgomery Watson Laboratories (MWL), an independent, state certified laboratory for analysis. The discharge quantities reported in this letter consist solely of the volume discharged through the industrial wastewater flow meter except average daily flow which also includes the volume discharged from the radiator filling area drain. The laboratory results for the quarterly self monitoring sample are attached. The analytical results indicate no violations of discharge limits during the fourth quarter of 1997, except for flash point. The apparent violation of the flash point requirement is attributed to laboratory error, and is described in detail below.

On December 17, 1997, the Sanitation Districts notified the City of Glendale that the laboratory analyses performed by MWL on the quarterly industrial waste water sample had been completed, and that the results indicated an apparent violation of the flash point requirement for the waste water. MWL determined that the flash point for the sample is 76 degrees Fahrenheit (°F); the minimum flash point required in the permit is 140 °F. Historically, waste water discharged from

JULY
G.F. M
(1) F

Recycled Paper

the Scholl Canyon Landfill has always met the requirement for flash point. There were no unusual characteristics detected in the October 15-16, 1997 waste water sample that would account for the drastic decrease of the flash point. To verify the result, the City of Glendale and the Sanitation Districts collected additional waste water samples for flash point analyses. These samples were analyzed at the City of Los Angeles Department of General Services, Standards Division Laboratory (City Laboratory), MWL, and Weck Laboratory, another independent, state certified laboratory. The composition of the samples and the results from these samples are summarized on the attached table. Samples collected on the same date and analyzed at different laboratories indicate split samples.

Samples consisting of typical waste water, which contains a mixture of landfill gas condensate and canyon water, had varying flash point results depending on the laboratory conducting the analysis. However, samples consisting of only canyon water always met the flash point requirement of 140 °F. Therefore, the apparent flash point violations were presumably caused by landfill gas condensate, or by errors in conducting the flash point analyses. Following the instructions of the City of Glendale's industrial waste inspector, the Sanitation Districts began on December 31, 1997, to only discharge landfill gas condensate in batches after each batch had been tested and shown to have a flash point of greater than 140 °F. A total of ten landfill gas condensate samples were collected by the City of Glendale industrial waste inspectors and Sanitation Districts personnel between December 31, 1997, and January 12, 1998. The samples were analyzed by the City Laboratory, MWL, and Weck Laboratory. The results, as summarized on the attached table, show that all samples, except the one analyzed by MWL, meet the flash point requirement. These results suggest that flash point results from MWL are suspect. On January 12, 1998, the Sanitation Districts met with the City of Glendale to discuss this issue. Because the results overwhelmingly show that the flash point of landfill gas condensate is greater than 140 °F, the City of Glendale approved normal discharge of all waste water from the Scholl Canyon Landfill beginning on January 13, 1998.

If you have any questions regarding any of the enclosed materials, please call Mr. Larry Kaufman at the number listed above.

Very truly yours,

Charles W. Carry

Thomas J. LeBrun
Division Engineer
Solid Waste Management Department

TJL:LDK:leh
Enclosures

Scholl Canyon Landfill Waste Water Flash Point Analyses

SAMPLING DATE	COLLECTED BY	ANALYZED BY	FLASH POINT (°F)
CANYON WATER & CONDENSATE			
10/16/97	BCA	MWL	76
12/18/97	CITY	NA	84
12/19/97	BCA	MWL	81
12/19/97	CSD	WECK	>200
CANYON WATER			
12/19/97	BCA	MWL	>140
12/19/97	CSD	WECK	>200
12/31/97	CITY	LACL	>140
12/31/97	CSD	WECK	>200
LANDFILL GAS CONDENSATE			
12/18/97	CITY	NA	83
12/31/97	CITY	LACL	>140
12/31/97	CSD	WECK	>200
12/31/97	CSD	WECK	>200
1/5/98	CSD	MWL	78
1/5/98	CSD	WECK	>200
1/5/98	CITY	LACL	>140
1/12/98	CSD	WECK	>200
1/12/98	CITY	LACL	>140
1/12/98	CSD	WECK	>200
1/12/98	CITY	LACL	>140

NOTES:

BCA - BC ANALYTICAL

CITY - CITY OF GLENDALE

CSD - COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

MWL - MONTGOMERY WATSON LABORATORIES

WECK - WECK LABORATORY

LACL - ANALYSIS: CITY OF LOS ANGELES DEPT. OF GENERAL SERVICES, STANDARDS DIVISION

NA - NOT AVAILABLE (LABORATORY IDENTITY NOT CONFIRMED)

DRAFT

CITY OF Glendale CALIFORNIA

Environmental Management Center
780 Flower Street, Glendale, CA 91201
(818) 548-4030

Fire Division
HAZARDOUS
MATERIALS
SECTION

January 7, 1998

Scholl Canyon LFG Limited Partnership
c/o Scholl Canyon Land Fill Gas Corporation
13 Elm Street, Suite 200
Cohasset, MA 02025

ATTENTION: Gordon L. Deane, President

SUBJECT: Termination of Discharge and Proper Disposal of Flammable Material

Dear Mr. Deane:

On January 5, 1998, two split samples of condensate wastewater from the subject facility were taken and analyzed for ignitability (Flash Point) by two different State certified laboratories. According to the Lab analysis results, one sample exhibited the characteristic of ignitability (Flash Point<140°F) and the other did not. It is our intention at this point to base our decision by relying on the conservative result in order to protect and prevent any potential harm to the environment.

The Glendale Municipal Code (GMC), Article V, Section 13.40.310 prohibits the discharge of flammable materials to the sanitary sewer. Additionally, a material with a Flash Point below 140°F is also classified as being hazardous waste in accordance with California Code of Regulations (CCR) Title 22, Section 66261.21.

You are required to terminate the discharge of wastewater that meets the above criteria to the sanitary sewer, including the collected condensate wastewater in 10,000 gallons storage tanks.

In March and April of 1997, samples of condensate prior to its treatment also exhibited the characteristic of ignitability. In accordance with CCR, Title 22 any process treating waste with this characteristic must be performed under a Tiered Permit issued by this office.

CITY OF GLENDALE CALIFORNIA

PRINTED ON RECYCLED PAPER

SCHOLL CANYON LFG LIMITED PARTNERSHIP
c/o Scholl Canyon Landfill Gas Corporation
13 Elm Street, Suite 200, Cohasset, MA 02025-1828
Tel: 617/383-3200; Fax: 617/383-3205

April 29, 1997

Mr. David D. Starr
Fire Marshall
Mr. Gregory P. Ahern, Sr.
Industrial Waste Inspector
Environmental Management Center
City of Glendale
780 Flower Street
Glendale, CA 91201

SUBJECT: Notices of Violation -- April 10, 1997; April 28, 1997

Gentlemen:

This letter will serve as our response to both of the aforementioned notices.

April 10, 1997 Notice

As discussed in paragraph 3 of the subject notice, prior to the time of the notice, Mr. Ahern was contacted by Patrick Sullivan of SCS Engineers and the problem and likely cause were discussed. It was agreed that the violation was likely caused by the loss of carbon from the carbon beds due to the loss of a screen which holds the carbon in place. Mr. Sullivan immediately obtained authorization to fix the screen and replace the carbon. In addition, as required by our permit, additional testing was scheduled. That testing was (and as discussed below, we hope still can be) scheduled for today.

With respect to the replacement of the oil water separator mentioned in Mr. Ahern's letter, we have sought and received proposals from two vendors. One proposal was returned as inadequate and we are awaiting a revised proposal from the vendor. As soon as a final decision is made with respect to the required equipment, the placement of the equipment, and the operation of the equipment for not only a new oil water separator system but also the other modifications being sought by the City, we will proceed with ordering. As you know, this project has been delayed many times due to circumstances beyond our control. The different parties involved have resulted in numerous changes being requested. These changes have been requested by your department as well as Glendale Public Works and the County Sanitation Districts of Los Angeles County. As of last week, again there have been suggested changes which we are trying to address. Currently, a meeting is being scheduled for Tuesday or Wednesday next week. We hope that all matters can be addressed at that time so the design is set, equipment can be ordered, and we can proceed with the installation.

April 28, 1997 Violation

With respect to the above notice, which was received via fax today, based on information received by us to date Scholl Canyon LFG Limited Partnership (SC-LP) does not believe that it was the cause of the odor complaints. We respectfully request that your office provide us with the exact dates, times, locations and sources of the complaints. A copy of your logs indicating complaints received will be required as well for our investigation. We have verbally requested similar information from Glendale Public Works, but that Department indicates that it has received no such complaints. Further, we have checked with our operators which are still required to conduct "odor patrols" when we are discharging and they have indicated that they have not noticed any odor at those times.

Despite the fact that we do not believe we are the cause, SC-LP had suspended discharges as requested pending the receipt of new carbon beds. Those beds are now in place. Further, we had scheduled a re-test of the condensate as required by our permit for today to demonstrate that our condensate is meeting the requirements of our permit. That test was put on temporary hold pending receipt of this notice which we were informed would be coming to us.

As indicated by your letter, we have the option of providing the required pretreatment or hauling the condensate off-site for legal disposal. Based on our belief that the required pretreatment is in place and that our discharge will be in full compliance with our permit, we have instructed our operators to proceed with the discharge and, hopefully, reschedule the test of the condensate for today or tomorrow to demonstrate such compliance.

Given the information which we have, the above should provide an adequate response to the two notices. Upon receipt of the requested information from your department, we can respond more fully to the specific complaints which your department says it has received.

Please feel free to contact me directly if you have any questions on this matter.

SCHOLL CANYON LFG LIMITED PARTNERSHIP
by Scholl Canyon Landfill Gas Corporation, its General Partner

Gordon L. Deane
President

cc: Steve Zurn, Jake Amar -- Glendale Public Works
Jim Bier, Steve Cooper -- SCS Field Services
Pat Sullivan -- SCS Engineers

CITY of GLENDALE - FIRE DEPARTMENT
Fire Prevention & Environmental Management Center - FP&EMC
780 Flower Street, Glendale, California 91201
(818) 548-4030
www.ci.glendale.ca.us

JD

October 2008

Annual Unified Program Certification

Dear Business Owner:

Chapter 6.95 of the California Health and Safety Code requires your Hazardous Materials Business Emergency Plan (HMBEP) to be reviewed and updated annually.

Please find your most recent Hazardous Materials Business Emergency Plan that you have in your possession somewhere within your records. This Plan should include Facility & Chemical Inventory information. Review the information carefully and confirm the accuracy of all your hazardous materials with the actual quantities. If there are no changes, mark the first box below that indicates no changes have been made and **return this page to above address** on the letterhead. This will serve as your official certification statement and update in accordance with Title 19, Section 2729 requirements.

If you have made changes to your HMBEP, please check the "CHANGES HAVE BEEN MADE" box below **and return this page to above address** on the letterhead. The Fire Department will send you all of the appropriate forms necessary to update your status.

CHECK THE APPROPRIATE BOX AND SIGN THE FORM BELOW

☑ OUR BUSINESS HAS PREVIOUSLY FILED THE HAZARDOUS MATERIALS INVENTORY FORM PURSUANT TO SECTION 2729.2 AND 2729.3 REQUIREMENTS AND NO CHANGES HAVE BEEN MADE (all items must be correct):

HM + IWP

1. The information contained in the hazardous materials inventory most recently submitted to the CUPA is complete, accurate, and up-to-date.
2. There has been no change in the quantity of hazardous material as reported in the most recently submitted Inventory.
3. No hazardous materials subject to inventory requirements and not listed on our most recently submitted inventory form are being handled.

☐ CHANGES HAVE BEEN MADE:

3142

☐ **Emergency Contacts** - If within the last 12 months your facility changed the two main contacts and their phone, you can make the appropriate corrections by printing their names and phone numbers below and return to us to above address.

Emergency Contact #1 & Phone #: _____

Emergency Contact #2 & Phone #: _____

☐ **Chemical Inventory** - Review your facility Chemical Inventory. Check this box if additional types of chemicals, hazardous liquids, solids, compressed gases, or hazardous waste have been added or deleted from your business operation. If chemicals have been added or deleted, The Fire Department **will e-mail** you all of the forms necessary to update your record.

I certify under penalty of law, that I am the business owner or officially designated representative of the business, have reviewed the current hazardous materials inventory on file with the Glendale Fire Department and certify the submitted information is true, accurate and complete.

SCHOLL CANYON LANDFILL — Business Name

3001 SCHOLL CANYON ROAD — Facility Address

William Gross — Print Name of Owner/Operator

W Gross — Signature of Owner/Operator

11/19/08 — Date

NOV 2008 Received Hazardous Materials Section

_____ **e-mail Address** (Required if you checked the last box)

PLEASE RETURN THIS FORM WITHIN 2 WEEKS OF RECEIPT

5000 7286

if you checked the last box)

JAN 2008 Received

Signature of Owner/Operator William Gross

Facility Address 3001 SCHOLL CANYON ROAD

...ation is true, accurate

AL

AL

CITY of GLENDALE - FIRE DEPARTMENT

Fire Prevention & Environmental Management Center - FP&EMC

780 Flower Street, Glendale, California 91201

(818) 548-4030

www.ci.glendale.ca.us

November 2007

Annual Unified Program Certification

Dear Business Owner:

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Please find your most recent Hazardous Materials Business Emergency Plan that you have in your possession somewhere within your records. This Plan should include Facility & Chemical Inventory information. Review the information carefully and confirm the accuracy of all your hazardous materials with the actual quantities. If there are no changes, mark the first box below that indicates no changes have been made and **return this page to above address** on the letterhead. This will serve as your official certification statement and update in accordance with Title 19, Section 2729 requirements.

If you have made changes to your HMBEP, please check the "CHANGES HAVE BEEN MADE" box below **and return this page to above address** on the letterhead. The Fire Department will send you all of the appropriate forms necessary to update your status.

CHECK THE APPROPRIATE BOX AND SIGN THE FORM BELOW

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☐ CHANGES HAVE BEEN MADE:

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Emergency Contact #2 & Phone #: _____

☐ **Chemical Inventory** - Review your facility Chemical Inventory. Check this box if additional types of chemicals, hazardous liquids, solids, compressed gases, or hazardous waste have been added or deleted from your business operation. If chemicals have been added or deleted, The Fire Department **will e-mail** you all of the forms necessary to update your record.

I certify under penalty of law, that I am the business owner or officially designated representative of the business, have reviewed the current hazardous materials inventory on file with the Glendale Fire Department and certify the submitted information is true, accurate and complete.

SCHOLL CANYON — Business Name

3001 SCHOLL CANYON ROAD — Facility Address

BRAD EVERETT — Print Name of Owner/Operator

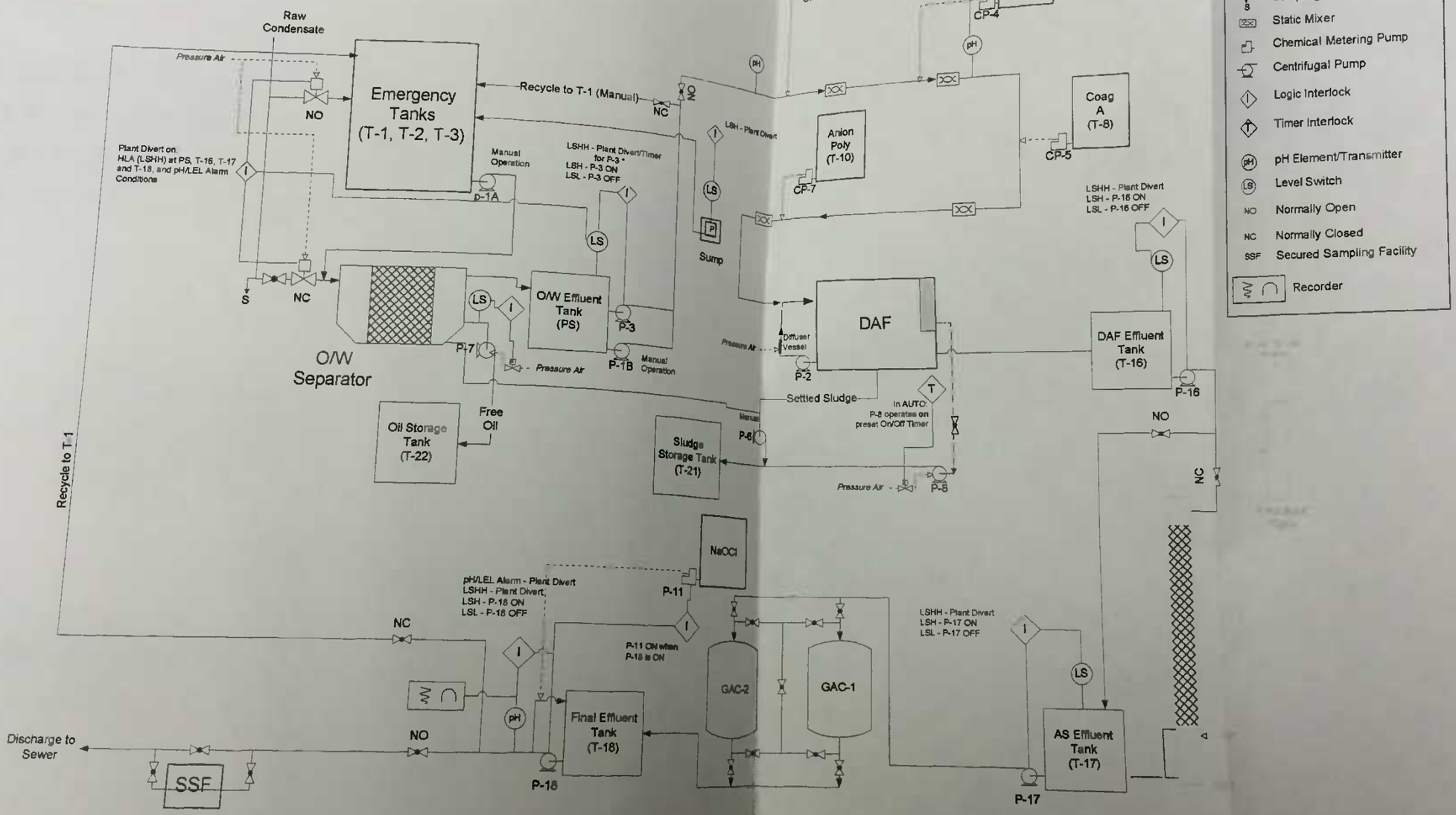
Signature of Owner/Operator

11-20-07 — Date

NOV 2007 Received

_____ **e-mail Address** (Required if you checked the last box)

PLEASE RETURN THIS FORM WITHIN 2 WEEKS OF RECEIPT



Symbols

- Pneumatic Shutoff Valve
- Solenoid Valve
- Ball Valve
- Sampling Port
- Static Mixer
- Chemical Metering Pump
- Centrifugal Pump
- Logic Interlock
- Timer Interlock
- pH Element/Transmitter
- Level Switch
- NO Normally Open
- NC Normally Closed
- SSF Secured Sampling Facility
- Recorder

Note:

* LSHH at PS divert raw condensate to T-1, but continues P-3 on timer. If LSHH disengages, plant to Normal Operation. If Timer times out, Plant to Divert

** Under normal conditions the Air Stripper is offline, as shown by valve positions at discharge from T-16.

REV.	DESCRIPTION	DATE	BY
1	Update PS pumps logic	5/14/02	AL
2	PS logic update/piping update	8/8/02	AL
3	Update Layout/Schedule	9/18/07	AL

INVIROTREAT INC.
INNOVATIVE TREATMENT
FULLERTON, CA

SCS FIELD SERVICES
LONG BEACH, CA

CTS RECORD DRAWINGS
PIPING & INSTRUMENTATION DIAGRAM

SCHOLL CANYON LANDFILL
CONDENSATE TREATMENT SYSTEM

SCALE: NOT TO SCALE
APP'D BY: KA
CHECKED: AL
DRAWN BY: AL

DRAWING No
M-2

1. INTRODUCTION

This document serves as a hazard communication program to be used at the Palmer Management/Scholl Canyon Landfill Gas Plant and Condensate Treatment System. It is intended to identify the hazardous substances present at the Scholl Canyon facility, provide technical safety information on each substance (chemical) and precautionary measures that need to be taken to protect the employees during the workplace's normal operating conditions and in foreseeable emergencies.

For additional information, refer to the following documents which are stored at the Operation Trailer:

- Operations and Emergency Response Document
- Injury and Illness Prevention (IIP) Program
- CTS Process Safety Plan
- Gas Plant Field Operations Manual
- Facility MSDS Book
- Spill Prevention and Countermeasure Control Plan
- Hazardous Material Business Plan

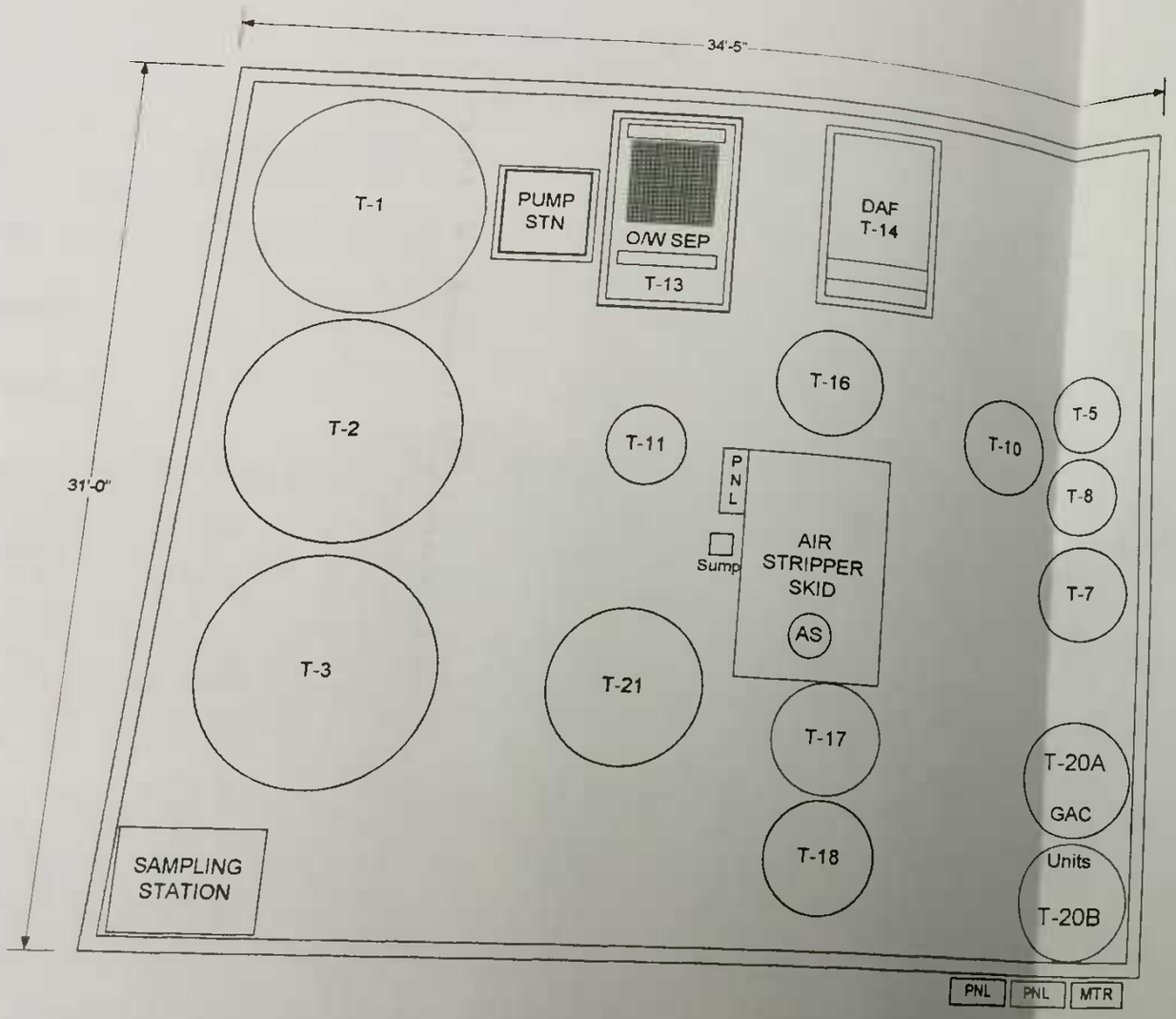
2. LIST OF HAZARDOUS MATERIALS IN THE WORKPLACE

Hazardous material being used at the Palmer Management Gas Plant and Condensate Treatment System include the following:

- Caustic Soda – Stock Solution, stored in a 180-gallon double contained tank
- Sodium Hypochlorite – Stock Solution, stored in a 150-gallon double contained tank
- Gibraltar Oil
- Used Oil – Removed and stored at the CTS for off-site disposal
- Sulfatrol

In addition, the plant also uses polymers and coagulants in the emulsion treatment process. These chemicals are not considered hazardous. However, they can cause skin, eye or respiratory irritation, and are a safety hazard during spills.

The Gas Plant also stores small quantities of antifreeze, gasoline and oxygen gas for GC calibration.



TANK SCHEDULE

TANK NO	CAPACITY GALS	SERVICE	DIA IN	HEIGHT IN	CONTENTS	REMARKS
T-1	4,000	PROCESS TANK	95	140	RAW WASTEWATER	EXISTING (1)
T-2	4,000	PROCESS TANK	95	140	RAW WASTEWATER	(1)
T-3	4,000	PROCESS TANK	95	140	RAW WASTEWATER	(1)
T-5	110	CHEMICAL TANK	30	48	POLYMER	(1)
T-6						REMOVED
T-7	165	CHEMICAL TANK	36	58	NaOH	(1)
T-8	110	CHEMICAL TANK	30	48	POLYMER	(1)
T-9						REMOVED
T-10	200	CHEMICAL TANK	36	58	POLYMER DRY	(1)
T-11	110	CHEMICAL TANK	35	36	NaOCl	(1)
T-12	60	PROCESS UNIT	14	180	STRIPPER COLUMN	EXISTING
T-13	735	FRP PROCESS TANK		12'	O/W UNIT	
T-14	700	PROCESS TANK		5 5'	DAF UNIT	
T-15						REMOVED
T-16	300	PROCESS TANK	45	60	PARTIALLY TREATED	(1)
T-17	300	PROCESS TANK	45	60	TREATED WASTEWATER	(1)
T-18	300	PROCESS TANK	45	60	FINAL EFFLUENT	(1)
T-19						REMOVED
T-20A	25	PROCESS TANK		N/A	GAC MEDIA BEDS	
T-20B	25	PROCESS TANK		N/A	GAC MEDIA BEDS	
T-21	2,000	SLUDGE HOLDING	54	9 5FT	SLUDGE DAF + O/W	
T-22	300	RECYCLED OIL HOLDG	45	60	OIL SLOPS FROM O/W	
PS	200	PUMP STATION	3'x3'	3'	O/W EFF	
						(1)
TOTAL	18,670 GAL	= 155,750 LBS		(147 8 LB/FT SQ)		

(1) HDPE MATERIAL

LEGEND

PNL	Control Panel
MTR	Monitoring Panel

NOTE

Containment wall is 24-inches high;
Total containment volume is about 16,000 gallons

REV.	DESCRIPTION	ATE	BY
1	Update Tank Schedule	3/24/08	AL
2	Update Layout/Schedule	10/31/07	AL

INVIROTREAT INC.
INNOVATIVE TREATMENT
FULLERTON, CA

SCS FIELD SERVICES
LONG BEACH, CA

CONDENSATE TREATMENT PLANT
RECORD DRAWINGS
MECHANICAL LAYOUT

SCHOLL CANYON LANDFILL
CITY OF GLENDALE

SCALE 1" = 5'
APP'D BY KA
CHECKED BY AL
DRAWN BY AL

DRAWING No
M-1

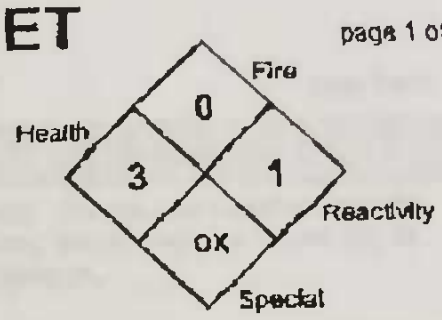
MATERIAL SAFETY DATA SHEET

BRENNTAG [redacted]

Brenntag MSDS #:	BPI-30147
MSDS Revision/Issue Date:	08/23/07
Supercedes Revision Date:	07/12/04

NFPA 704 DESIGNATION
HAZARD RATING

4=Extreme
3=High
2=Moderate
1=Slight
0=Insignificant



1. CHEMICAL PRODUCT IDENTIFICATION & COMPANY IDENTIFICATION

PRODUCT IDENTIFIER: **Sodium Hypochlorite 12.5% Solution**

GENERAL USE: This product is to be used as an industrial bleaching solution. This product is not registered with the EPA for use as a disinfectant or sanitizer and can not be used for those purposes.

PRODUCT DESCRIPTION: An aqueous solution of Sodium Hypochlorite. Synonyms for Sodium Hypochlorite include: Dakins solution; hychlorite; sodium chloride oxide; and sodium oxychlorids.

INFORMATION PROVIDED BY:
Brenntag Pacific, Inc.
5700 N.W. Front Avenue
Portland, OR 97210

For MSDS call: PHONE: 503-242-0200

EMERGENCY PHONE NUMBERS

BRENNTAG:	503-699-7055
CHEMTREC:	800-424-9300
CANUTEC:	613-996-6666

2. COMPOSITION & INFORMATION ON INGREDIENTS

COMPONENT	CAS #	OSHA HAZARD	WT %	ACGIH TLV(TWA)	ACGIH STEL	OSHA PEL(TWA)	OSHA STEL
Sodium Hypochlorite BLEACH	7681-52-9	Corrosive; Oxidizer; Lung toxin	12.5 Minimum	None	None AIHA WEEL: 2 mg/m³ (for 15 minutes)	None	None
Sodium Hydroxide	1310-73-2	Corrosive; Lung toxin	2.0 Maximum	None Ceiling: 2 mg/m³	None	2 mg/m³	None

NDA = No Data Available NA = Not Applicable

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: A clear, light yellow-green liquid having a chlorine-like odor. The liquid and mists may be corrosive to the eyes, skin and respiratory tract. Inhalation of high mist concentrations can cause permanent lung damage. **The NIOSH I.D.L.H. for Sodium Hydroxide is: 10 mg/m³.**

POTENTIAL HEALTH EFFECTS

INHALATION: Inhalation of mists may be severely irritating or corrosive to the nose, mouth, throat, mucous membranes and lungs. Symptoms of exposure may include shortness of breath, sneezing, coughing, choking, chest pain, impairment of lung function and burns to the respiratory tract with the production of lung edema. Inhalation of high mist concentrations may result in permanent lung damage.

EYE CONTACT: Exposure to the liquid or mists may cause severe eye irritation or burns. Symptoms of exposure may include tearing, redness, swelling and pain. Corneal damage with impairment of vision may result from direct contact with the liquid, unless treated promptly.

SKIN CONTACT: Exposure to the liquid or mists may cause severe skin irritation or burns. Symptoms of exposure may include redness, swelling, discomfort or pain and possible scab formation. Prolonged skin exposure to the liquid may cause destruction of the dermis with impairment of the skin, at site of contact, to regenerate. No published data indicates this product is absorbed through the skin.

INGESTION: Ingestion may cause severe irritation or burns to the entire gastrointestinal tract, including the stomach and intestines. Symptoms of exposure may include nausea, vomiting, diarrhea, abdominal pain, bleeding and/or tissue ulceration.

CHRONIC: The chronic health effects of exposure to the liquid or mists are expected to be the same as for acute exposure.

Product #: 62409 Name: SODIUM HYDROXIDE 50% Desc: (12.82 PPG)

From: BRENNTAG PACIFIC INC. To: SCHOLL CANYON LFG LIMITED Monday, November 30, 2009

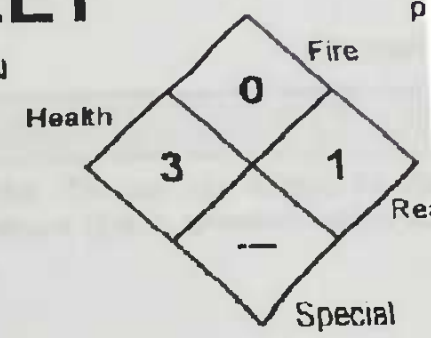
MATERIAL SAFETY DATA SHEET

BRENNTAG

Brenntag MSDS #:	BPI-00182
MSDS Revision/Issue Date:	07/31/07
Supercedes Revision Date:	New

NFPA 704 DESIGNATION
HAZARD RATING

4=Extreme
3=High
2=Moderate
1=Slight
0=Insignificant



1. CHEMICAL PRODUCT IDENTIFICATION & COMPANY IDENTIFICATION

PRODUCT IDENTIFIER: **Sodium Hydroxide 50% Solution (All Grades)**

GENERAL USE: Used in industry to neutralize acids; to precipitate alkaloids; in metal finishing; in cleaners; and to precipitate most metals (as hydroxides) from aqueous solutions.

PRODUCT DESCRIPTION: An aqueous solution of Sodium Hydroxide. Synonyms for Sodium Hydroxide include: caustic s lye soda, sodium hydrate and white caustic.

INFORMATION PROVIDED BY:
Brenntag Pacific, Inc.
5700 N.W. Front Avenue
Portland, OR 97210

For MSDS call: **PHONE: 503-242-0200**

EMERGENCY PHONE NUMBERS

BRENNTAG:	503-699-705
CHEMTREC:	800-424-930
CANUTEC:	613-996-666

2. COMPOSITION & INFORMATION ON INGREDIENTS

COMPONENT	CAS #	OSHA HAZARD	WT %	ACGIH TLV(TWA)	ACGIH STEL	OSHA PEL(TWA)	OSHA STEL
Sodium Hydroxide	1310-73-2	Corrosive; Lung Toxin	50 ± 1	None Ceiling: 2 mg/m³	None	2 mg/m³	None

CAUSTIC SODA

NDA = No Data Available N/A = Not Applica

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: A clear to slightly turbid, colorless liquid having no characteristic odor. The mists and liquid are corro all tissues contacted. Inhalation of mists may cause permanent lung damage. This material reacts with to release a large amount of heat and can react violently with acids and other substances. The **I.D.L.H. for Sodium Hydroxide is: 10 mg/m³.**

POTENTIAL HEALTH EFFECTS

INHALATION: Inhalation of mists or an aerosol can cause severe irritation or burns to the nose, mouth, throat, n membranes and lungs. Symptoms of exposure can include coughing, sneezing, choking, shortn breath, chest pain and impairment of lung function. Inhalation of a high mist concentration may re permanent lung damage.

EYE CONTACT: Exposure to the mists or liquid can cause severe eye irritation and/or burns. Symptoms of exposu include tearing redness, swelling, pain and possible mucous discharge. Exposure may cause damage and/or visual impairment even when prompt treatment is provided.

SKIN CONTACT: Exposure to the mists or liquid can cause severe skin irritation and/or burns. Symptoms of exposu include redness, swelling, pain and possible ulceration. Prolonged skin exposure to this material ma destruction of the dermis with impairment of the skin, at site of contact, to regenerate. No publish indicates this material is absorbed through the skin.

INGESTION: Ingestion can cause severe irritation and/or burns to the entire gastrointestinal

Material Safety Data Sheet

OSHA / ANSI Z400.1-2004 Compliant

Ciba

Release: 1.0

Date / Revised: 12-28-2006

Product: AGEFLOC B50-P

NFPA Hazard codes:

Health: 1	Fire: 0	Reactivity: 0	Special:

HMIS III rating

Health: 1	Flammability: 0	Physical hazard: 0	Personal protection: X

HMIS Note: * Indicates possible chronic health effects

1. Identification of the Substance/Preparation and of the Company/Undertaking

Company Information

Company:	Ciba Specialty Chemicals Corporation 2301 Wilroy Road P.O.Box 820 Suffolk,VA 23434-0820 U.S.A. Customer Service / Product Information: 1-800-322-3885 MSDS Request Line: 1-800-431-2360

Emergency Information

Emergency 24-Hour Health/Environmental Phone:	(24h) +1-800-873-1138
CHEMTREC:	(800) 424-9300 (24hrs) or (703) 527-3887

Product Information

Product:	AGEFLOC B50-P
Use:	Coagulant.

2. Hazards Identification

Emergency overview

Signal word:	CAUTION: !
Colour:	amber
Appearance:	liquid
State of matter:	liquid
Odour:	Slightly amine
Health:	MAY CAUSE EYE IRRITATION., MAY CAUSE SKIN IRRITATION.
Physical/Chemical hazards:	Spills are very slippery.

Potential health effects

Primary routes of entry:

Eyes, Skin, Inhalation, Ingestion

Chronic exposure:

Prolonged or repeated contact may cause eye and skin irritation.

3. Composition/Information on Ingredients

Chemical name	CAS Number	Content (Weight)	Hazardous

Material Safety Data Sheet

OSHA / ANSI Z400.1-2004 Compliant

Ciba

Date / Revised: 04-02-2007

Release: 1.1

Product: MAGNASOL 2000

NFPA Hazard codes:

Health: 3 Fire: 0 Reactivity: 0 Special: -

HMIS III rating

Health: 3 Flammability: 0 Physical haz[illegible]: 0 Personal protection: X

HMIS Note: * Indicates possible chronic health effects.

1. Identification of the Substance/Preparation and of the Company/Undertaking

Company Information

Company: Ciba Specialty Chemicals Corporation
2301 Wilroy Road
P.O.Box 820
Suffolk,VA 23434-0820
U.S.A.
Customer Service / Product Information: 1-800-322-3885
MSDS Request Line: 1-800-431-2360

Emergency information

Emergency 24-Hour Health/Environmental Phone: (24h) +1-800-873-1138

CHEMTREC: (800) 424-9300 (24hrs) or (703) 527-3887

Product information

Product: MAGNASOL 2000

Use: Coagulant

2. Hazards Identification

Emergency overview

Signal word: DANGER !

Colour: light yellow

Appearance: liquid

State of matter: liquid

Odour: odourless

Health: Severe irritant to eyes, skin and mucous membranes., Inhalation may cause severe irritation., Harmful if swallowed., Ingestion may result in severe irritaiton or burns of the mouth, esophagus and stomach.

Physical/Chemical hazards: CORROSIVE LIQUID.

Potential health effects

Primary routes of entry:

Eyes, Skin, Inhalation, Ingestion

3. Composition/Information on Ingredients

Chemical name	CAS Number	Content (Weight)	Hazardous
Aluminum chloride, basic (9Cl)	1327-41-9	15.0 - 40.0 %	Y

Material Safety Data Sheet

OSHA / ANSI Z400.1-2004 Compliant

Ciba

Release: 1.0

Date / Revised: 03-09-2007

Product: MAGNAFLOC 919

NFPA Hazard codes:

Health: 1	Fire: 1	Reactivity: 0	Special:

HMIS III rating

Health: 1	Flammability: 1	Physical hazard: 0	Personal protection: X

HMIS Note: * Indicates possible chronic health effects.

1. Identification of the Substance/Preparation and of the Company/Undertaking

Company Information

Company:	Ciba Specialty Chemicals Corporation 2301 Wilroy Road P.O.Box 820 Suffolk,VA 23434-0820 U.S.A. Customer Service / Product Information: 1-800-322-3885 MSDS Request Line: 1-800-431-2360

Emergency information

Emergency 24-Hour Health/Environmental Phone:	(24h) +1-800-873-1138
CHEMTREC:	(800) 424-9300 (24hrs) or (703) 527-3887

Product information

Product:	MAGNAFLOC 919
Use:	flocculation agent

2. Hazards Identification

Emergency overview

Signal word:	NOTICE! !
Colour:	off-white
Appearance:	powder
State of matter:	solid
Odour:	odourless
Health:	May cause mild eye and skin irritation based on a component of this product.
Physical/Chemical hazards:	Slip hazard when wet., Organic powders may be capable of generating static discharges and creating explosive mixtures in air. Handle with caution., Refer to MSDS Section 7 for Dust Explosion information.

Potential health effects

Primary routes of entry:

Eyes, Skin, Inhalation, Ingestion

Chronic exposure:

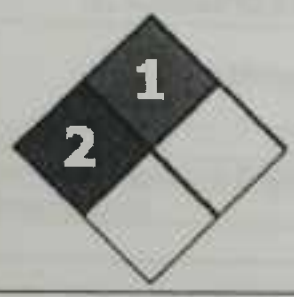
Dusts may cause mechanical irritation to eyes and skin.

3. Composition/Information on Ingredients

Chemical name	CAS Number	Content (Weight)	Hazardous
Urea	57-13-6	1.0 - 10.0 %	Y

multi-chem

Material Safety Data Sheet

NFPA	HMIS
	Health Hazard* 2 Flammability 1 Reactivity 0

Issuing Date 02-Sep-2009 **Revision Date** 02-Sep-2009 **Revision Number** 3

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	MC MX 677-8
Product Code	MC MX 677-8
UN-No	3267
Recommended Use	Hydrogen Sulfide Scavenger.
Manufactured by:	Multi-Chem Group LLC 2905 Southwest Blvd San Angelo, TX 76904 Phone: 1 325 223 6200
Emergency Telephone Number	1 800 535 5053 +1 352 323 3500 (Outside United States)

2. HAZARDS IDENTIFICATION

Emergency Overview

Harmful in contact with skin
Harmful if swallowed
May cause burns of eyes, skin and mucous membranes
Irritating to respiratory system
May produce an allergic reaction

Appearance Clear **Physical State** Liquid **Odor** Slight amine

Potential Health Effects

Principle Routes of Exposure Eye contact, Skin contact, Inhalation, Ingestion

CITY OF Glendale CALIFORNIA

CITY OF GLENDALE, CALIFORNIA
Fire Division
FIRE PREVENTION BUREAU
Environmental Management Center - EMC

780 Flower Street
Glendale, California 91201
(818) 548-4030
www.ci.glendale.ca.us

August 5, 2002

Scholl Canyon LFG Limited Partnership
1309 114th Avenue SE #101
Bellevue, WA 98004

Attention: David Marques

Subject: Notice of Violation
Scholl Canyon LFG Limited Partnership
3001 Scholl Canyon Road

Gentlemen:

In an effort to help you comply with the conditions of your Industrial Waste Permit W-3142, this letter will serve notice that the Self-Monitoring grab sample taken on June 11 , 2002, at the subject facility was found to contain a Total Toxic Organics content of 3.63 mg/L in violation of local discharge limits (2.00 mg/L). The explanation given in the letter dated July 9, 2002, from Invirotreat Inc. concerning the above violation is unacceptable since the duplicate sample was taken 5 minutes after the original sample.

All discharges to the municipal wastewater system must comply with established Federal and Local discharge limits. It is required that a detailed letter explaining the cause of the above violation and describing the corrective actions that will be taken to prevent future violations be submitted to this office. This response should be submitted to this office by August 20, 2002.

If you have any questions regarding the above subject matter please contact me at (818)548-4030.

Very truly yours,

Gregory P. Ahern, Sr.
Fire Environmental Safety Specialist

July 9, 2002

Mr. Greg Ahern
City of Glendale, E.C.M.
780 E. Flower Street
Glendale, California 91201

SUBJECT: SCHOLL CANYON LANDFILL, CONDENSATE TREATMENT SYSTEM
QUARTERLY MONITORING RESULTS FOR THE PERIOD
APRIL - JUNE 2002
INDUSTRIAL WASTEWATER DISCHARGE PERMIT NO. W-3142

Dear Mr. Ahern:

Invirotreat Inc., on behalf of Palmer Management Partnership/Scholl Canyon, is pleased to submit the results of the quarterly monitoring event conducted on June 11, 2002, at the Scholl Canyon Landfill, Condensate Treatment System (Quarterly period April – June 2002). Samples were taken from the Secured Sampling Facility of the Condensate Treatment System, representing the final discharge point to the City sewer. Sampling and analysis were conducted in accordance with the monitoring requirements of Industrial Wastewater Discharge Permit No. W-3142 for the above facility.

As shown in Table 1 (attached), the results indicate – with the exception of the total toxic organics (TTO's) - compliance with the discharge limitations established by the City of Glendale for this facility. The TTO results during the 6/11/02 monitoring event indicated a total concentration of 3.6 mg/l, which is above the 2 mg/l limit. It should be noted that the granular activated carbon (GAC) vessels, which are responsible for removal of TTO's at the Condensate Treatment System, were serviced a few days prior to the testing event and fresh carbon was deposited in the vessels. Therefore, effective removal of TTO's was anticipated.

We were informed of the elevated TTO results on July 2, 2002. The results reflected high concentrations of volatile organic compounds (VOC's). We immediately requested the laboratory to re-test for VOC's (EPA 8260) using the duplicate vial collected during the sampling event. The re-test results indicated TTO's concentration of 1.7 mg/l, which is below the discharge limit. We also collected on July 3, 2002 a fresh sample from the final effluent for VOC analysis. The results from this sampling event indicated TTO concentration of 0.379 mg/l, which is consistent with historic results.

Based on the results of the retest (6/11/02) sample and the fresh sample (7/3/02), and considering the recent service of the GAC vessels, we are confident that the original results for VOC's were erroneous, perhaps due to laboratory contamination. The proactive approach we took to retest the effluent and the fact that in later analytical results the effluent was in compliance with the discharge limits for TTO's support our conclusion discussed above.

2501 E. CHAPMAN AVENUE • SUITE 100 • FULLERTON• CA • 92831
TEL: (714) 871-1686 • FAX: (714) 871-1687 • WEBSITE: www.invirotreat.com

The complete analytical laboratory reports, including the additional analytical reports for VOC's are included as Attachment A.

Please address any questions or comments related to this submittal to our office or to the Plant Manager, Mr. Bradley Everett at (818) 244-9722. If you would like to discuss the TTO's results, please feel free to call me (office number: 714 871-1686; mobile phone number: 714 926-7505).

Sincerely,

INVIROTREAT INC.

Dr. Alon Lebel
Project Consultant

c: Mr. Brad Everett, Scholl Canyon
Mr. Dave Marques, Palmer Management
Mr. Jake Amar, City of Glendale

9-4030

TABLE 1: ANALYTICAL DATA SUMMARY
SCHOLL CANYON LANDFILL CONDENSATE TREATMENT PLANT
APRIL - JUNE 2002

PARAMETER	UNITS	TEST RESULTS	DUPLICATE RUN	DISCHARGE LIMITS
Metals				
Arsenic	mg/l	<0.05	-	3
Cadmium	mg/l	<0.01	-	15
Chromonium (Total)	mg/l	<0.01	-	10
Copper	mg/l	<0.01	-	15
Lead	mg/l	<0.05	-	5
Nickel	mg/l	<0.02	-	12
Silver	mg/l	<0.01	-	5
Zinc	mg/l	0.05	-	25
Cyanide (Free)	mg/l	<0.02	-	2
Cyanide (Total)	mg/l	<0.02	-	10
Dissolved Sulfides	mg/l	<0.02	-	0.1
Dispersed Oil & Grease	mg/l	66	-	600
pH	s.u.	8.2	-	5.5 - 11
Chloride	mg/l	1,060	-	na
BOD	mg/l	11,200	-	No Limit
COD	mg/l	21,600	-	No Limit
TSS	mg/l	470	-	No Limit
Flash Point	°F	>200	-	<140
Total Toxic Organics (TTO) [1]	mg/l	3.630	1.758	2
VOC - 8260	mg/l	0.222		
SVOC - 8270	mg/l	0	-	
Pesticides - 8080	mg/l	0	-	

1 retest of VOC on 7/3/02 indicate total TTO of 0.379 mg/l

Violation

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CITY OF **Glendale** CALIFORNIA

Environmental Management Center
780 Flower Street, Glendale, CA 91201 • (818) 548-4030

Fire Division
HAZARDOUS
MATERIALS
SECTION

May 24, 2000

FILE COPY

Scholl Canyon LFG Limited Partnership
1309 114th Avenue SE #101
Bellevue, WA 98004

Attention: David Marques,

Subject: NOTICE OF VIOLATION
Scholl Canyon LFG Limited Partnership
3001 Scholl Canyon Road

Gentlemen:

This letter will serve to provide notice, and does hereby so provide, that your failure to sample the waste effluent for flammability during the fourth quarter of 1999 and the first quarter of 2000 is in violation of the Industrial Waste Permit Monitoring requirements for the subject facility. The above violations were brought to the attention of your Plant Manager Bradley Everett, on April 19, 2000.

It is necessary that you immediately cease and desist at once from any and all violations of established permit monitoring requirements for the subject facility. You are hereby required to submit within 20 days of receipt of this Notice of Violation a detail letter of explanation as to the cause of the above violations and corrective actions that will be taken to prevent future violations.

If you have any questions regarding the above subject matter, you may contact me or Captain Eric Indermill at (818)548-4030.

Very truly yours,

Gregory P. Ahern, Sr.

Gregory P. Ahern, Sr.
Fire/Environmental Safety Specialist

cc: Capt. Indermill, Fire
Vasken Demirjian, Fire
Jake Amar, P.W. Engineering
Steve Zurn, P.W. Administration

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CITY OF **Glendale** CALIFORNIA

Environmental Management Center • (818) 548-4030
780 Flower Street, Glendale, CA 91201

Fire Division
HAZARDOUS
MATERIALS
SECTION

May 24, 2000

COPY

Scholl Canyon LFG Limited Partnership
1309 114th Avenue SE #101
Bellevue, WA 98004

Attention: David Marques,

Subject: NOTICE OF VIOLATION
Scholl Canyon LFG Limited Partnership
3001 Scholl Canyon Road

Gentlemen:

This letter will serve to provide notice, and does hereby so provide, that your failure to sample the waste effluent for flammability during the fourth quarter of 1999 and the first quarter of 2000 is in violation of the Industrial Waste Permit Monitoring requirements for the subject facility. The above violations were brought to the attention of your Plant Manager Bradley Everett, on April 19, 2000.

It is necessary that you immediately cease and desist at once from any and all violations of established permit monitoring requirements for the subject facility. You are hereby required to submit within 20 days of receipt of this Notice of Violation a detail letter of explanation as to the cause of the above violations and corrective actions that will be taken to prevent future violations.

If you have any questions regarding the above subject matter, you may contact me or Captain Eric Indermill at (818)548-4030.

Very truly yours,

Gregory P. Ahern, Sr.

Gregory P. Ahern, Sr.
Fire/Environmental Safety Specialist

cc: Capt. Indermill, Fire
Vasken Demirjian, Fire
Jake Amar, P.W. Engineering
Steve Zurn, P.W. Administration

CITY OF Glendale CALIFORNIA

Environmental Management Center
780 Flower Street, Glendale, CA 91201 • (818) 548-4030

Fire Division
HAZARDOUS
MATERIALS
SECTION

January 14, 1998

Scholl Canyon LFG Limited Partnership
c/o Scholl Canyon Land Fill Gas Corporation
13 Elm Street, Suite 200
Cohasset, MA 02025

ATTENTION: Gordon L. Deane, President

SUBJECT: Termination of Discharge and Proper Disposal of Flammable Material

Dear Mr. Deane:

On January 5, 1998, two split samples of condensate wastewater from the subject facility were taken and analyzed for ignitability (Flash Point) by two different State certified laboratories. According to the Lab analysis results, one sample exhibited the characteristic of ignitability (Flash Point<140°F) and the other did not. It is our intention at this point to base our decision by relying on the conservative result in order to protect and prevent any potential harm to the environment.

The Glendale Municipal Code (GMC), Article V, Section 13.40.310 prohibits the discharge of flammable materials to the sanitary sewer. Additionally, a material with a Flash Point below 140°F is also classified as being hazardous waste in accordance with California Code of Regulations (CCR) Title 22, Section 66261.21.

You are required to terminate the discharge of wastewater that meets the above criteria to the sanitary sewer, including the collected condensate wastewater in 10,000 gallons storage tanks.

In March and April of 1997, samples of condensate prior to its treatment also exhibited the characteristic of ignitability. In accordance with CCR, Title 22 any process treating waste with this characteristic must be performed under a Tiered Permit issued by this office.

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CITY OF **Glendale** CALIFORNIA

Environmental Management Center
780 Flower Street, Glendale, CA 91201 • (818) 548-4030

Fire Division
HAZARDOUS
MATERIALS
SECTION

December 11, 1997

CERTIFIED MAIL
Return Receipt Requested

Scholl Canyon LFG Limited Partnership
c/o Scholl Canyon Landfill Gas Corporation
13 Elm Street, Suite 200
Cohasset, MA 02025

Attention: Gordon L. Deane, President

Subject: NOTICE OF VIOLATION
Scholl Canyon Landfill Gas Recovery Project
3001 Scholl Canyon Road

Gentlemen:

This letter will serve to provide notice that the Self-monitoring grab sample of condensate wastewater from the subject facility, taken on November 18,1997, was found to have an oil and grease content of 680 mg/L in violation of the local discharge limit for oil and grease of 600 mg/L.

You are required to immediately cease and desist from any and all violations of established local limits for discharge to the municipal wastewater system. You are also required to submit a detailed letter of explanation as to the cause of the above violation and description of corrective actions that will be taken to prevent future violations. Your letter must reach this office by January 5,1998.

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Additionally, you are required to resample the wastestream for oil and grease by January 8,1998, to show compliance with local discharge limits.

If you have any questions regarding the above violation you may contact Doug Kitchen or myself at (818)548-4030.

Very truly yours,

Gregory P. Ahern, Sr.
Industrial Waste Inspector

cc: ~~Steve Zurn, P.W. Administration~~
Jake Amar, P.W. Engineering
Ray Huff, SCS

MALONEY PROCESS INC.,
1261 J NORTH LAKEVIEW AVENUE, UNIT 527
ANAHEIM CA. 92807
TEL 714 452 0966 FAX 714 452 0011

FACSIMILE

DATE: 9/2/97
TO: Greg Ahern
City of Glendale
Industrial Waste Inspector
RE: Scholl Canyon LGC Plant
SUBJECT: Final Submittals

SEND FAX TO NO. 818 548 9777
FROM: G.F. Maloney P.E.
Director of Engineering

THERE ARE _1___ PAGES ACCOMPANYING THIS FAX INCLUDING THIS COVER SHEET. PLEASE CALL THE ABOVE TELEPHONE NUMBER SHOULD YOU RECEIVE FEWER PAGES

Gentlemen,

Palmer Vendor Faxed the new data this afternoon showing their additional tankage. We needed this to complete the slab sizing. The data was sent on to the structural engineer who says he will complete his review with a stamp and signature Wednesday September 3, 1997. If he meets this schedule, we will pick it up tomorrow afternoon and bring it to the Building Department after the scheduled meeting, 8:00 Am with SCS on Thursday morning at the site

This new data increases the slab to 34' x 31'. It is not practical to place the filter press and any ancillary equipment inside the berm as you suggested to Pat. None of you have any idea of the quantity of solids expected. We have made some approximations, perhaps 250 to 400 lbs*/day based on the SCS data and spec sent to the Palmer vendor. At this loading, a 60% cake moisture, and a 7 to 9 cu. ft. press, a forklift will be problematic inside a berm. It isn't done this way for heavier cake loads unless the press is placed on a raised structural platform. We suggest a small side slab 10' x 10' x 3" high curb is the best solution and it can be added later in that area south of the existing control panel.

* 6,580 mgl x 4,000 gpd = 220 lb/d

CITY OF GLENDALE

INTERDEPARTMENTAL COMMUNICATION

DATE September 10, 1998

TO Jake Amar, P.W. Engineering

FROM David Starr, Fire Marshal

SUBJECT Scholl Canyon Landfill Gas Recovery Project
Wastewater Sampling Requirements Clarification

In your conversation with Captain Indermill today you stated that a full test for all wastewater components is being completed prior to any batch discharge from this facility per our requirements. Unfortunately, there seems to have been a misunderstanding of what wastewater components needed to be tested.

Per our letter dated December 31, 1997, (copy enclosed) which documented the meeting of December 30, 1997, wherein you and Mr. Desi Alvarez of P.W. Engineering, Steve Cooper of S.C.S. Field Services, Captain Indermill and Inspectors Kitchen and Ahern were present. It was agreed at this meeting that the condensate would be batch treated and tested for compliance with local discharge limits for flammability prior to obtaining discharge authorization from this office. Furthermore it was agreed that if a batch analysis failed local limits for flammability then said batch shall be hauled off-site for legal disposal. Additionally, it was agreed that this would be a temporary solution until adequate pretreatment has been provided, full compliance with discharge limits has been achieved and approval granted from this office. Although, it was not discussed in the December 30, 1997 meeting, it was understood that S.C.S. Field Services would continue to test for all discharge requirements quarterly as required per the Industrial Waste Discharge Permit for this facility.

I hope that this letter clarifies the discharge requirements for the Scholl Canyon Landfill Gas Recovery Project at this time. If you have any questions regarding the above subject matter please contact me at ext. 4810. Please contact Captain Indermill at ext. 4030 to coordinate technical assistance from the EMC Staff.

Very truly yours,

David Starr, Fire Marshal

cc: Chris Gray, Asst. Fire Chief
Steve Zurn, Asst. Director of Public Works
Eric Indermill, Fire Prevention Captain

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CITY OF **Glendale** CALIFORNIA

Environmental Management Center
780 Flower Street, Glendale, CA 91201 • (818) 548-4030

Fire Division
HAZARDOUS
MATERIALS
SECTION

November 16, 1998

CERTIFIED MAIL
Return Receipt Requested

Scholl Canyon LFG Limited Partnership
c/o Scholl Canyon Landfill Gas Corporation
13 Elm Street, Suite 200
Cohasset, MA 02025

Attention: Gordon L. Deane, President

Subject: Untreated Waste Condensate Spill/Unauthorized Release
3001 Scholl Canyon Road

Gentlemen:

On Oct. 21, 1998, at approximately 2:30 p.m. an incident occurred at the waste condensate storage tanks during a transfer of untreated waste condensate (condensate) from the storage tanks to an Asbury Environmental vacuum truck, resulting in the release of approximately 5,000 gallons of condensate. Although, this area is provided with an earthen berm equipped with a plastic liner as secondary containment, an uncontrolled release of condensate did occur by means of a large crack in the earthen berm. It is important to note that there were no SCS Field Services personnel supervising this transferring operation or on site at the time of the incident. Consequently, it was necessary for the operator of the vacuum truck to notify Los Angeles County Sanitation District (LACSD) staff onsite with regards to this incident. LACSD personnel in turn notified Glendale Public Works Engineering about the incident.

This office received a call from Jake Amar at 3:10 pm requesting that Inspector Ahern respond to Scholl Canyon Landfill as a result of this incident. Captain Indermill and Inspector Ahern arrived at the spill location at about 3:35 p.m. and met with Jake Amar, Glendale Public Works and Matt Zuro, Marty Zimlock both of LACSD. LACSD personnel had filled in the crack in the earthen berm to prevent any further release of condensate outside of the secondary containment. At this time there was about 1'-2' of free condensate inside of the secondary containment area, with condensate continuing to drain from one of the 10,000 gallon storage tanks through broken piping. Prior to the arrival of Captain Indermill and Inspector Ahern LACSD personnel closed the valves to isolate the leaking tank.

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JUN 2000
Received

Brad Everett of SCS joined the above meeting at about 4:00 p.m. . At this meeting it was agreed that all free liquid would be removed, a deodorized would be put down and a plastic cover put over the spill area to minimize the odor problem for the night. Additionally, that additional cleanup would be done starting early the next morning. i.e. removal of storage tanks (unstable), cleanup of soil . . . etc.

Meeting Oct. 22, 1998, at approximately 3:30 p.m. Scholl Canyon Landfill, SCS Trailer. Greg Ahern and Vasken Demirjian, Glendale Fire, Jake Amar, Public Works Engineering and Ken Ayster of SCS Field Services. At this meeting it was clarified that as a CUPA the Fire Dept. was the responsible regulatory agency for this incident. It was further understood that your contractor, SCS Field Services was to submit a work plan to this office to determine the lateral and vertical extent of contamination that occurred as result of this unauthorized release. Additionally, that a detail letter of explanation as to the cause of the incident must be submitted to this office. It is recommended that all cleanup work be completed prior to the start of the rainy season in order to prevent further migration of contamination.

As of this date no work plan or letter of explanation has been received by this office. It is necessary that a work plan and letter of explanation be submitted to this office by November 30,1998.

Very truly yours,

Gregory P. Ahern, Sr.
Inspector

cc: Jake Amar, P.W. Engineering
Ken Ayster, SCS Field Services
Fire Marshal David Starr
Captain Eric Indermill

Scholl Canyon Landfill Gas Corporation

c/o Palmer Management Corp
1309-114th Avenue SE, Suite .
Bellevue, Washington 98004
Tel: 425/635-1101; Fax: 425/63

May 31, 2000

Via Expres

Mr. Gregory P. Ahern
Environmental Safety Specialist
Environmental Management Center
City of Glendale
780 Flower Street
Glendale, California 91201

Subject: **Detailed Letter of Explanation for Notice of Violation Dated May 24, 2000**
Permit No: W-3142 -- Received May 30, 2000

Dear Mr. Ahern:

We are in receipt of the Notice of Violation as dated above. As you know, we are very concerned about proper operation of our facility and take our environmental responsibilities seriously. We endeavor to operate within the limitations of our environmental permits, including following all permit monitoring requirements.

Immediately after your discussions with the Plant operator, Brad Everett, on April 19th, Brad initiated flammability sampling of the discharge effluent on April 20th. On April 21st the results of the testing, which were negative, were faxed to your office. We will continue to test for flammability on a quarterly basis as required by our waste discharge permit.

Upon review of the monitoring events and the subject waste permit, it appears that the testing for flammability was not performed due to our confusion about the requirement for testing. The monitoring requirement appears on page 7 of the permit, but is placed under what appears to be a heading for a different section: Total Toxic Organic Management Plan. Due to our confusion about its placement in the permit, the plant operator did not realize that flammability was a required testing parameter.

We apologize if we have caused you any difficulty and as stated above we will included flammability testing in all future quarterly testing. If you have any questions please feel free to call me at (425) 635-1101.

Sincerely,

David A. Marques
Vice President
Scholl Canyon Landfill Gas Corporation

cc: Steve Zurn, Kerry Morford & Jake Amar, Public Works
Brad Everett & Gordon Deane, SCLP
Jeff Bernstein, Bernstein, Cushner & Kimmel

...dale CALIFORNIA

...anagement Center
...eet, Glendale, CA 91201 • (818) 548-4030

...2000

...holl Canyon LFG Limited Partnership
...300 114th Avenue SE #101
Bellevue, WA 98004

Attention: David Marques,

Subject: NOTICE OF VIOLATION
Scholl Canyon LFG Limited Partnership
3001 Scholl Canyon Road

Gentlemen:

This letter will serve to provide notice, and does hereby so provide, that your failure to sample the waste effluent for flammability during the fourth quarter of 1999 and the first quarter of 2000 is in violation of the Industrial Waste Permit Monitoring requirements for the subject facility. The above violations were brought to the attention of your Plant Manager Bradley Everett, on April 19, 2000.

It is necessary that you immediately cease and desist at once from any and all violations of established permit monitoring requirements for the subject facility. You are hereby required to submit within 20 days of receipt of this Notice of Violation a detail letter of explanation as to the cause of the above violations and corrective actions that will be taken to prevent future violations.

If you have any questions regarding the above subject matter, you may contact me or Captain Eric Indermill at (818)548-4030.

Very truly yours,

Gregory P. Ahern, Sr.

Gregory P. Ahern, Sr.
Fire/Environmental Safety Specialist

cc: Capt. Indermill, Fire
Vasken Demirjian, Fire
Jake Amar, P W Engineering
Steve Zurn, P W Administration

...NDALE
...EPARTMENT

Hazardous Materials Unit
Environmental Management Center
780 Flower Street
Glendale, California 91201-3057

RICHARD E. HINZ
Fire Chief

DEPARTMENT USE ONLY:
MLI #: _____
Occupancy: _____
U & O #: _____

Re: Brad Everett, Plant Operator Scholl Canyon Gas to Energy (LFG) 3001 Scholl Canyon Landfill.

On: 12/20/99 an inspection was made of the above referenced property.

Your attention is called to the following item(s) which must be corrected in order to meet the minimum requirements for fire and life safety:

(1) CEASE AND DESIST AT ONCE FROM DISCHARGING WASTEWATER FROM WITHIN THE CONTAINMENT AREA TO TO SEWER VIA THE CLEAN-OUT NEXT TO THE TRAILER. WATER COLLECTED INSIDE OF THE CONTAIMENT AREA IS CONSIDERED AS CONTAMINATED AND SHALL BE TREATED AS SUCH, UNLESS PROVEN OTHERWISE BY LABORATORY Results. [SUMP PUMP WITH HOSE LEADING INTO SEWER CLEAN-OUT, SUMP IS FULL OF OIL.]

(2) CAP AND SEAL SEWER CLEAN-OUT.

You are hereby notified to correct the condition(s) listed above. A reinspection will be made on or about Immediately. Failure to comply with this notice may result in a legal action being filed against you by the City Attorney.

Inspector: Gregory Ahern Phone: (818) 548-4020 Telephone Hours: 7:30 - 8:30 a.m. and 4:30 - 6:00 p.m.

I have received a copy of this notice: X _____
(Signature of Owner or Owner's Agent)

F-231 A (4/94) White Copy: Customer Yellow Copy: File Pink Copy: Office Sheet 1 of 1

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Glendale CALIFORNIA

Environmental Management Center
780 Flower Street, Glendale, CA 91201 • (818) 548-4030

October 2, 1997

CERTIFIED MAIL
Return Receipt Requested

SCHOLL CANYON LFG LIMITED PARTNERSHIP
c/o Scholl Canyon Landfill Gas Corporation
13 Elm Street, Suite 200
Cohasset, MA 02025

Attention: Gordon L. Deane, President

Subject: NOTICE OF VIOLATION
Scholl Canyon Landfill Gas Recovery Project
3001 Scholl Canyon Road

Gentlemen:

This letter will serve to provide notice that the POTW grab sample of condensate wastewater from the subject facility, taken on September 22, 1997, was found to have an oil and grease content of 965 mg/L in violation of the local discharge limit for oil and grease of 600 mg/L. This sampling was conducted as a result of the previously reported flash point violation of August 15, 1997.

During this sampling tour it was found that only one (1) carbon filter was being used to treat the wastestream. Since the two (2) carbon filtration units are acting as the only oil removal system it is imperative that both units be in operation when the system is discharging.

RECYCLED PAPER

You are required to immediately cease and desist from any and all violations of established local limits for discharge to the municipal wastewater system. You are also required to submit a detailed letter of explanation as to the cause of the above violation and description of corrective actions that will be taken to prevent future violations. Your letter must reach this office by October 20, 1997.

Additionally, you are required to resample the wastestream for oil and grease within 30 days of receipt of this letter to show compliance with local discharge limits.

If you have any questions regarding the above violation you may contact Doug Kitchen or myself at (818)548-4030.

Very truly yours,

Gregory P. Ahern, Sr.
Industrial Waste Inspector

cc: Steve Zurn, P.W. Administration
Jake Amar; P.W. Engineering

Environmental Consultants

3711 Long Beach Boulevard
Ninth Floor
Long Beach, CA 90807-3315

562 426-9544
FAX 562 427-0805
http://www.scseng.com

SCS ENGINEERS

October 17, 1997
File No. 0196115.00

Mr. Gregory P. Ahern
City of Glendale
Environmental Management Center
780 Flower Street
Glendale, California 91201
OFFICE (818) 548-4030
FAX (818) 549-9777

SUBJECT: NOTICE OF VIOLATION, SCHOLL CANYON LFG LIMITED PARTNERSHIP, 3001 SCHOLL CANYON ROAD, GLENDALE, CALIFORNIA (W-3142)

Dear Greg:

The Scholl Canyon LFG Limited Partnership (SC-LP) was recently issued a Notice of Violation (NOV, dated October 2, 1997) for violation of its effluent limitation for oil and grease, which occurred September 22, 1997, during grab sample collection by the City of Glendale. This response to the NOV is provided by SCS Engineers (SCS) on behalf of the SC-LP in accordance with Industrial Waste Discharge Permit (W-3142).

Analytical results from the September 22, 1997 sampling event indicated that the condensate from the treatment system had an oil and grease content of 965 mg/L, 365 mg/L above the discharge limitation of 600 mg/L. As mentioned in the NOV, this violation occurred due to the fact that only one carbon filter was being used to treat the wastestream at the time of sample collection. At that time, one of the two carbon filters normally in operation was not on-line as a result of a broken filter inlet. The sampling performed by the City of Glendale occurred during the time period between the broken canister being taken off-line and the delivery of a new carbon canister. A timeline for the events surrounding the carbon unit replacement is presented below.

- **September 12, 1997** - Both carbon canisters were replaced following a spill event which occurred on September 11, 1997. The previous carbon canisters had become fouled with oil due to the spill event.

- **September 17, 1997** - One of the carbon canisters was taken off-line due to a broken filter inlet. A new carbon canister was ordered immediately after the broken carbon unit was taken off-line.

- **September 24, 1997** - The new carbon unit was delivered and replaced.

In order to prevent further incidents of this type from occurring, and as a further measure to reduce the volatile organic content of the wastestream, SC-LP will arrange to have a third carbon unit integrated into the existing system as an interim measure until the new treatment system is brought on-line.

The required re-sampling will be conducted during the week of October 20-24, 1997, as set forth in the NOV and by SC-LP's revised Industrial Waste Discharge Permit (W-3142). Please address any questions or comments related to this submittal to our office.

Sincerely,

Ray Huff, R.E.A.
Project Scientist
SCS ENGINEERS

cc: Steve Cooper; SCS Field Services
Gordon Deane; Palmer Management Corp.

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Glendale CALIFORNIA

Environmental Management Center
780 Flower Street, Glendale, CA 91201
(818) 548-4030

December 11, 1997

CERTIFIED MAIL
Return Receipt Requested

Scholl Canyon LFG Limited Partnership
c/o Scholl Canyon Landfill Gas Corporation
13 Elm Street, Suite 200
Cohasset, MA 02025

Attention: Gordon L. Deane, President

Subject: NOTICE OF VIOLATION
Scholl Canyon Landfill Gas Recovery Project
3001 Scholl Canyon Road

Gentlemen:

This letter will serve to provide notice that the Self-monitoring grab sample of condensate wastewater from the subject facility, taken on November 18,1997, was found to have an oil and grease content of 680 mg/L in violation of the local discharge limit for oil and grease of 600 mg/L.

You are required to immediately cease and desist from any and all violations of established local limits for discharge to the municipal wastewater system. You are also required to submit a detailed letter of explanation as to the cause of the above violation and description of corrective actions that will be taken to prevent future violations. Your letter must reach this office by January 5,1998.

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Additionally, you are required to resample the wastestream for oil and grease by January 8,1998, to show compliance with local discharge limits.

If you have any questions regarding the above violation you may contact Doug Kitchen or myself at (818)548-4030.

Very truly yours,

Gregory P. Ahern, Sr.
Industrial Waste Inspector

cc: Steve Zurn, P.W. Administration
Jake Amar, P.W. Engineering
Ray Huff, SCS

CITY OF Glendale CALIFORNIA

Environmental Management Center
780 Flower Street, Glendale, CA 91201 (818) 548-4030

April 28, 1997

Fire Division
HAZARDOUS
MATERIALS
SECTION

CERTIFIED MAIL
Return Receipt Requested

Scholl Canyon Landfill Gas Limited Partnership
672 Jerusalem Road
Cohasset, Massachusetts 02025

Attention: Gordon L. Deane, President

Subject: NOTICE OF VIOLATION
3001 Scholl Canyon Road

Gentlemen:

This letter will serve to provide notice, and does hereby so provide, that the industrial wastewater discharge to the municipal wastewater system from the subject facility has been found to be a public nuisance, in violation of GMC Section 13.40.310(B)(1)(a)(v).

On Wednesday April 23, 1997, Inspectors Ahern and Kitchen responded to the subject facility as a result of an odor complaint in Glenoaks Canyon. SCS Field Staff were advised of the complaint and were informed that all condensate wastewater discharge must immediately cease until adequate pretreatment was provided.

On Friday April 25, 1997, Inspector Kitchen once again responded to the subject facility as a result of additional odor complaints. He found that wastewater was being discharged and that no repairs to the pretreatment system had occurred. Again SCS Field Staff were informed that all condensate wastewater discharge must immediately cease.

Please cease and desist immediately from any and all violations of established local limits for discharge to the municipal wastewater system. All industrial wastewater from the subject facility shall be hauled off-site for legal disposal until such time that adequate pretreatment has been provided and full compliance with discharge limits has been achieved. A manifest file, which shall be available for inspection at all times, shall be maintained for proof of legal disposal of all hauled wastewater.

Our policy requires that you submit a detailed description of corrective actions that will be taken to prevent future violations. We should receive your response no later than May 15, 1997.

At your option, you may provide the above required pretreatment or permanently haul the condensate wastewater for legal off-site disposal.

If you have any questions regarding this matter, please contact the Industrial Waste Program at (818) 548-4030.

Very truly yours,

David D. Starr
Fire Marshal

cc: Jake Amar, Public Works
Pat Sullivan, SCS Engineers

CITY OF **Glendale** CALIFORNIA

Environmental Management Center
780 Flower Street, Glendale, CA 91201 • (818) 548-4030

April 10, 1997

Fire Division
HAZARDOUS
MATERIALS
SECTION

CERTIFIED MAIL
Return Receipt Requested

SCHOLL CANYON LFG LIMITED PARTNERSHIP
c/o Scholl Canyon Landfill Gas Corporation
672 Jerusalem Road
Choasset, MA 02025

Attention: Gordon L. Deane, President

Subject: NOTICE OF VIOLATION
Scholl Canyon Landfill Gas Recovery Project
3001 Scholl Canyon Road

Gentlemen:

This letter will serve to provide notice that the self-monitoring grab sample of condensate wastewater from the subject facility, taken March 13, 1997, was found to contain an Oil/Grease (O&G) content of 732 mg/L and a Total Toxic Organics (TTO) content of 4.5 mg/L both in violation of their local discharge limits of 600 mg/L and 2.0 mg/L respectfully.

It is necessary that you cease and desist immediately from any and all violations of established local limits for discharge to the municipal wastewater system. It is also necessary that you submit a detailed letter of explanation as to the cause of the above violations and a description of corrective actions that will be taken to prevent future violations. It is necessary that your response be submitted to this Office prior to April 28, 1997, to be considered timely.

As required Patrick Sullivan of SCS Engineers notified this Office of these discharge violations. During this conversation the cause of these violations were reviewed. It was agreed that the most probable cause of these violations was that the existing oil water separator was undersized and inadequate to handle the "new oil removal system". It is imperative that the oil water separator be adequately sized and capable of preventing any bypass of flocculated oil which will cause this facility to be in violation of local wastewater discharge limits.

FILE COPY

September 26, 1997

CERTIFIED MAIL
Return Receipt Requested

SCHOLL CANYON LFG LIMITED PARTNERSHIP
c/o Scholl Canyon Landfill Gas Corporation
13 ELM Street, Suite 200
Cohasset, MA 02025

Attention: Gordon L. Deane, President

Subject: NOTICE OF VIOLATION
Scholl Canyon Landfill Gas Recovery Project
3001 Scholl Canyon Road

Gentlemen:

This letter will serve to provide notice that the self-monitoring grab sample of condensate wastewater from the subject facility, taken on August 15, 1997, was found to have a flash point of 131° fahrenheit in violation of local prohibitive discharge limits.

It is necessary that you cease and desist immediately from any and all violations of established local limits for discharge to the municipal wastewater system. It is also necessary that you submit a detailed letter of explanation as to the cause of the above violation and a description of corrective actions that will be taken to prevent future violations.

It is important to note that the Third Quarter Compliance Report for 1997 stated "that Scholl Canyon is in full compliance with discharge limitations set forth in its industrial waste discharge permit (W-3142)." Once the Third Quarter Compliance Report was reviewed by this office it was found that the above statement was in error. The above violation was reviewed with

Mr. Ray Huff from SCS Engineers who stated that he was unaware of a discharge limitation on flash point for the subject location.

Upon further review of the third quarter sample results it was found that the sample was not analyzed for flash point until six (6) days after sampling.

It is important to note that due to the volatile nature of the constituents found in the sample, the analysis for flash point be done immediately so that the data reflects the true nature of the sample and that the sample is not allowed to degrade.

If you have any questions regarding the above violation you may contact Doug Kitchen or myself at (818)548-4030.

Very truly yours,

Gregory P. Ahern, Sr.
Industrial Waste Inspector

cc: Steve Zurn, P.W. Administration
Jake Amar, P.W. Engineering

...ltants
3711 Long Beach Boulevard
Ninth Floor
Long Beach, CA 90807-3315
562 426-9544
FAX 562 427-0805
http://www.scseng.com

...S ENGINEERS

October 15, 1997
File No. 0196115.00

Mr. Gregory P. Ahern
City of Glendale
Environmental Management Center
780 Flower Street
Glendale, California 91201
OFFICE (818) 548-4030
FAX (818) 549-9777

SUBJECT: NOTICE OF VIOLATION, SCHOLL CANYON LFG LIMITED PARTNERSHIP, 3001 SCHOLL CANYON ROAD, GLENDALE, CALIFORNIA (W-3142)

Dear Greg:

The Scholl Canyon LFG Limited Partnership (SC-LP) was recently issued a Notice of Violation (NOV, dated September 26, 1997) for violation of its effluent limitation for flashpoint, which occurred August 15, 1997, during self monitoring for the third quarter (July through September) 1997. This response to the NOV is provided by SCS Engineers (SCS) on behalf of the SC-LP and presents the analytical results from re-sampling activities conducted in accordance with Industrial Waste Discharge Permit (W-3142).

Analytical results from the August 15, 1997 sampling episode indicated that the condensate from the treatment system had a flashpoint of 131° Fahrenheit, 9° lower than the discharge limitation of 140°. This violation occurred due to the fact that a significant volume of oil and oil sludge had accumulated in the holding tanks. During discharge, a portion of this oil was inadvertently processed through the carbon adsorption unit, reducing its effectiveness. The fouled carbon did not adequately remove volatile organics from the waste stream. These volatiles caused the sample to fail the flashpoint test.

To correct this problem, SC-LP recently removed all floating oil and sludge from the holding tanks. We have also implemented an operational change in which we will periodically remove oil and sludge from the tanks to prevent accumulation. SC-LP feels that this operational change will minimize the potential for fouling of the carbon with oil.

The required re-sampling was conducted on October 3, 1997, as soon as possible following notification by the City of Glendale of a reporting error on the Third Quarter Sampling Compliance report. Re-sampling was conducted as set forth by SC-LP's revised Industrial Waste Discharge Permit (W-3142).

CITY OF Glendale CALIFORNIA

Environmental Management Center
780 Flower Street, Glendale, CA 91201 • (818) 548-4030

Fire Division
HAZARDOUS
MATERIALS
SECTION

October 2, 1997

CERTIFIED MAIL
Return Receipt Requested

SCHOLL CANYON LFG LIMITED PARTNERSHIP
c/o Scholl Canyon Landfill Gas Corporation
13 Elm Street, Suite 200
Cohasset, MA 02025

Attention: Gordon L. Deane, President

Subject: NOTICE OF VIOLATION
Scholl Canyon Landfill Gas Recovery Project
3001 Scholl Canyon Road

Gentlemen:

This letter will serve to provide notice that the POTW grab sample of condensate wastewater from the subject facility, taken on September 22, 1997, was found to have an oil and grease content of 965 mg/L in violation of the local discharge limit for oil and grease of 600 mg/L. This sampling was conducted as a result of the previously reported flash point violation of August 15, 1997.

During this sampling tour it was found that only one (1) carbon filter was being used to treat the wastestream. Since the two (2) carbon filtration units are acting as the only oil removal system it is imperative that both units be in operation when the system is discharging.

PRINTED ON RECYCLE

You are required to immediately cease and desist from any and all violations of established local limits for discharge to the municipal wastewater system. You are also required to submit a detailed letter of explanation as to the cause of the above violation and description of corrective actions that will be taken to prevent future violations. Your letter must reach this office by October 20, 1997.

Additionally, you are required to resample the wastestream for oil and grease within 30 days of receipt of this letter to show compliance with local discharge limits.

If you have any questions regarding the above violation you may contact Doug Kitchen or myself at (818)548-4030.

Very truly yours,

Gregory P. Ahern, Sr.
Industrial Waste Inspector

cc: Steve Zurn, P.W. Administration
Jake Amar; P.W. Engineering

June 20, 1995

Scholl Canyon Landfill Gas Limited Partnership
672 Jerusalem Road
Cohasset, Massachusetts 02025

CERTIFIED MAIL
Return Receipt Requested

Attention: Gordon L Deane, President

Subject: NOTICE OF VIOLATION
3001 Scholl Canyon Road

Gentlemen:

This letter will serve to provide notice, and does hereby so provide, that the industrial wastewater discharge to the municipal wastewater system from the subject facility has been found to be a public nuisance, in violation of GMC Section 25-28(b)1a(5). This violation was brought to the attention of Greg Moore of SCS Field Services.

Please cease and desist immediately from any and all violations of established local limits for discharge to the municipal wastewater system. All industrial wastewater from the subject facility shall be hauled off-site for legal disposal until such time that adequate pretreatment has been provided and full compliance with discharge limits has been achieved. A manifest file, which shall be available for inspection at all times, shall be maintained for proof of legal disposal of all hauled wastewater.

Our policy requires that you submit a detailed description of corrective actions that will be taken to prevent future violations. We should receive your response no later than July 10, 1995.

At your option, you may provide the above required pretreatment or permanently haul the condensate wastewater for legal off-site disposal.

Very truly yours,

George A. Miller
Director of Public Works

GAM\WO\GA\s

cc: Donald M. Campbell, City Engineer
Wayne O'Shana, Senior I.W. Inspector
Jake Amar, Senior Environmental Engineer
John H. Gulledge, L.A. County Sanitation District
Hamid Tadayon, City of L.A.

CITY OF Glendale CALIFORNIA

Environmental Management Center
780 Flower Street, Glendale, CA 91201
(818) 548-4030

Fire Division
HAZARDOUS
MATERIALS
SECTION

December 31, 1997

CERTIFIED MAIL
Return Receipt Requested

Scholl Canyon LFG Limited Partnership
c/o Scholl Canyon Landfill Gas Corporation
13 Elm Street, Suite 200
Cohasset, MA 02025

Attention: Gordon L. Deane, President

Subject: NOTICE OF VIOLATION
Scholl Canyon Landfill Gas Recovery Project
3001 Scholl Canyon Road

Gentlemen:

This letter will serve to provide notice, and does hereby so provide, that the POTW grab sample of condensate wastewater from the subject facility, taken on December 19,1997, was found to have a flash point of 81^0 Fahrenheit in violation of local prohibitive discharge limits of 140^0 Fahrenheit. Additionally, this sample was found to contain an oil and grease content of 1524 mg/L and a dissolved sulfides content of 4.54 mg/L in violation of their local discharge limits of 600 mg/L and 0.1 mg/L respectfully.

On December 30,1997, your representative at this facility Mr. Steve Cooper of SCS Field Services was advised of the above violations and was instructed to cease discharge of the condensate to the municipal wastewater system. Per our conversation with Mr. Cooper of SCS Field Services, Mr. Jake Amar and Mr. Desi Alvarez of Glendale P.W. it was agreed that the condensate would be batch treated and tested for compliance with local discharge limits for flammability prior to obtaining discharge authorization from this office. Furthermore it was agreed that if a batch analysis failed local limits then said batch shall be hauled off-site for legal disposal. Additionally, it was agreed that this would be a temporary solution until the cause of the violations have been determined, adequate pretreatment has been provided, full compliance with discharge limits has been achieved and approval granted from this office.

It is required that you submit within 20 days of receipt of this notice of violation a detailed letter of explanation as to the cause of the above violations and corrective actions that will be taken to prevent future violations.

If you have any questions regarding the above subject matter you may contact Doug Kitchen or myself at (818)548-4030.

Very truly yours,

Gregory P. Ahern, Sr.
Industrial Waste Inspector

cc: Steve Zurn, P.W.
Jake Amar, P.W.
Ray Huff, SCS
Steve Cooper, SCS

Environmental Consultants

3711 Long Beach Boulevard
Ninth Floor
Long Beach, CA 90807-3315

562 426-9544
FAX 562 427-0805
http://www.scseng.com

SCS ENGINEERS

January 21, 1998
File No. 0196115.00

Mr. Gregory P. Ahern
City of Glendale
Environmental Management Center
780 Flower Street
Glendale, California 91201
OFFICE (818) 548-4030
FAX (818) 549-9777

JAN 1998
Received
Hazardous Materials
Section (EMC)

SUBJECT: NOTICE OF VIOLATION, SCHOLL CANYON LFG LIMITED PARTNERSHIP, 3001 SCHOLL CANYON ROAD, GLENDALE, CALIFORNIA (W-3142)

Dear Greg:

The Scholl Canyon LFG Limited Partnership (SC-LP) was recently issued a Notice of Violation (NOV, dated December 31, 1997) for violation of its effluent limitation for flash point, dissolved oil and grease, and dissolved sulfides, which occurred December 19, 1997, during grab sample collection by the City of Glendale. This response to the NOV is provided by SCS Engineers (SCS) on behalf of the SC-LP in accordance with Industrial Waste Discharge Permit (W-3142).

Analytical results from the December 19, 1997 sampling event indicated that the condensate from the treatment system had a flash point of 81° Fahrenheit, dissolved oil and grease content of 1,524 mg/L and a dissolved sulfides content of 4.54 mg/L. These levels are all in exceedance of the appropriate discharge limitations of >140° Fahrenheit for flash point, 600 mg/L for oil and grease, and 1.0 mg/L for dissolved sulfides. SC-LP believed that these violations, as well as the numerous violations that have occurred during 1997, are a result of the inadequacy of the existing wastewater treatment system. Further, it is believed that the pending upgrade to the condensate treatment system will solve the numerous violations problems that have become a more common occurrence.

Therefore, as of January 6, 1998, SC-LP has temporarily ceased discharging condensate to the publicly owned treatment works (POTW) sewer system, to expedite the upgrade of the condensate treatment system. The accumulated condensate on-site has been hauled away for proper disposal. Once the proper manifests have been returned to SC-LP, copies will be made available to the City of Glendale for your reference.

Further it should be noted that SC-LP's intent was to only temporarily cease discharge to the POTW and to resume discharge after the completion of the new condensate treatment system at the Scholl Canyon LFG compression station. However, due to the failure of the Fire Department to approve the plans, construction has been suspended.

Please address any questions or comments related to this submittal to our office.

Sincerely,

Ray Huff, R.E.A.
Project Scientist
SCS ENGINEERS

cc: Steve Cooper; SCS Field Services
Gordon Deane; Palmer Management Corp.

DRAFT 4/25/00
Given To
Capt Indermill for
His Review & Chief Howard
Review.
G.H.

April 25, 2000

Scholl Canyon LFG Limited Partnership
c/p Scholl Canyon Landfill Gas Corporation
13 Elm Street, Suite 200
Cohasset, MA 02025

Attention: Gordon L. Deane, President

Subject: NOTICE OF VIOLATION
Scholl Canyon Landfill Gas Recovery Project
3001 Scholl Canyon Road

Gentlemen:

This letter will serve to provide notice, and does hereby so provide, that your failure to sample the waste effluent for flammability during the fourth quarter of 1999 and the first quarter of 2000 is in violation of the Industrial Waste Permit Monitoring requirements for the subject facility. The above violations were brought to the attention of your Plant Manager Bradley Everett.

It is necessary that you immediately cease and desist at once from any and all violations of established permit monitoring requirements for the subject facility. You are hereby required to submit within 20 days of receipt of this notice of violation a detail letter of explanation as to the cause of the above violations and corrective actions that will be taken to prevent future violations.

An office hearing regarding these violations has been set for 10:00 am Tuesday May 30, 2000, at the Environmental Management Center 780 Flower Street, Glendale CA. It is necessary that yourself or your representative(s) be present at the office hearing to review the cause of these violations and corrective actions taken to prevent future violations.

If you have any questions regarding the above subject matter you may contact Captain Eric Indermill at (818)548-4030.

Very truly yours,

Steve L. Howard,
Battalion Chief/Fire Marshal

Environmental Consultants

3711 Long Beach Boulevard
Ninth Floor
Long Beach, CA 90807-3315

562 426-9544
FAX 562 427-0805
http://www.scseng.com

SCS ENGINEERS

July 11, 1997
File No. 0196115.00

City of Glendale
Environmental Management Center
Hazardous Materials Section
780 Flower Street
Glendale, California 91201

Attention: Industrial Waste Program

SUBJECT: RE-SAMPLING REPORT, SCHOLL CANYON LANDFILL GAS LIMITED PARTNERSHIP, 3001 SCHOLL CANYON ROAD, GLENDALE, CALIFORNIA (W-3142)

To Whom It May Concern:

The Scholl Canyon Landfill Gas Limited Partnership recently reported a violation of its effluent limitation for dispersed oil and grease which occurred during self monitoring for the second quarter (April through June) 1997. This letter presents the analytical results from re-sampling activities conducted in accordance with Industrial Waste Discharge Permit (W-3142).

Resampling was conducted, and analytical data reported as soon as possible following the repair of the carbon filtration system which resulted in excessive levels of dispersed oil and grease reported for the second quarter sampling round. During the re-sampling a grab sample was collected from Sampling Point 01 and analyzed for dispersed oil and grease by EPA Method 413.2.

Based on analytical data generated during resampling, Scholl Canyon is in compliance with discharge limitation for TTOs, as set forth in its Industrial Waste Discharge Permit (W-3142).

Please address any questions or comments related to this submittal to our office.

Sincerely,

Ray Huff, REA
Project Scientist
SCS ENGINEERS

Enclosures

cc: Jim Bier; SCS Field Services
Gordon Deane; Palmer Management Corp.

Pollutants (in mg/l except pH)	Daily Maximum	Lab Results A	Violation Yes/No	Lab Results B	Violation Yes/No	Lab Results C	Violation Yes/No	Lab Results D	Violation Yes/No	Lab Results E	
Arsenic	3.0	—									
Cadmium	15.0	—									
Copper	15.0	—									
Nickel	15.0	—									
Silver	5.0	—									
Chromium (total)	10.0	—									
Zinc	25.0	—									
Lead	5.0	—									
Cyanide (total)	10.0	—									
Cyanide (free)	2.0	—									
Dissolved Sulfides	0.1	—									
TTO	2.0	—									
pH	5.5-11.0	—									
Dispersed O & G	600.0	145	No								
Chloride	. . .	—									
BOD	. . .	—									
COD	. . .	—									
Suspended Solids	. . .	—									
		—									

IF NOT IN COMPLIANCE, ATTACH A STATEMENT OF REASONS FOR NON-COMPLIANCE AND ACTIONS TAKEN TO CORRECT THE PROBLEM

I have properly examined and am familiar with the information submitted in this document and attachments. Based on my inquiry of those individuals responsible for obtaining the information reported herein, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment as directed by 40 CFR 403.12(k) and GMC 25-30.2(e).

AUTHORIZED REPRESENTATIVE SIGNATURE — A. Robert Russell III — PRINTED NAME — Treasurer for G.P. — TITLE — 7/16/97 — DATE

Container Types: 1=Tube

DISTRIBUTION: White with report, Yellow to folder, Pink to submitter

Form GS:STD 911

CITY OF LOS ANGELES
DEPARTMENT OF GENERAL SERVICES
STANDARDS DIVISION
2319 DORRIS PLACE
LOS ANGELES, CA 90031
(213) 485-2242
FAX (213) 485-5075

Lab. Nos.: 97-000368
97-000369
Date Received: April 9, 1997
Date Reported: April 10, 1997

To: CAPT. AARON AUSTIN
ENVIRONMENTAL MANAGEMENT CENTER
CITY OF GLENDALE

Attn: GREG AHERN, Inspector
INDUSTRIAL WASTE PROGRAM

TEST REPORT

Two grab samples from Scholl Canyon Landfill were tested for flash point for the City of Glendale. Sample No. 97-000368 was collected from the sample spigot prior to pre-treatment at Scholl Canyon/SCS Engineers on April 9, 1997 at 1253 hours. Sample No. 97-000369 was collected from the sample spigot prior to pre-treatment at Scholl Canyon/LA County on April 9, 1997 at 1329 hours.

Both samples were collected by Greg Ahern and delivered to the laboratory on April 9, 1997 at 1405 hours by Greg Ahern and Doug Kitchen. Flash point analysis was performed in accordance with ASTM Method D93-90, "Standard Methods for Flash Point by Pensky-Martens Closed Tester".

Standards Division Sample !D#	Date Analyzed	Flash Point (°C)
97-000368	4/10/97	40
97-000369	4/10/97	No Flash (≥ 70)

Papkin K. Hovasapian, Director
General Services/Standards
PKH:KK:JB:ES:es

SCHOLL CANYON LFG LIMITED PARTNERSHIP
c/o Scholl Canyon Landfill Gas Corporation
672 Jerusalem Road, Cohasset, MA 02025
Tel: 617/383-1293; Fax: 617/383-0203

November 8, 1994

Mr. Wayne O'Shana
Mr. Gregory P. Ahern
City of Glendale -- Industrial Waste
Engineering Section
633 East Broadway, Room 205
Glendale, CA 91206-4388

Subject: ***Proposed Temporary Treatment for Landfill Gas Condensate Disposal from Gas Processing Facility***

Gentlemen:

As you know, according to several of the lab analyses from last week's sampling of the condensate from our gas processing facility at the Scholl Canyon Landfill, sulfides appear to be present in our untreated (except for stripping) condensate. Further, the lab analyses indicate the presence of certain organics [e.g., acetone and 2-butanone (aka MEK)] which the City has indicated is a prohibited discharge under a City ordinance without a permit. Currently, our permit does not address these compounds.

To expedite a temporary solution to this problem which avoids a shutdown of the project, we propose implementing the following procedures as soon as we have your approval to do so:

1. To reduce sulfides in the condensate, we will treat the raw condensate in the same manner as currently being implemented by the Los Angeles County Sanitation Districts (i.e., adding chloride on a batch basis) immediately prior to discharge. We will plan to add an excess of chlorine and test for chlorine levels as per instructions from SCS Engineers.

2. To reduce the organics, we will:

   a. continue to run the condensate through the stripper since the preliminary SCS reports suggest a 40 to 70% reduction in MEK and acetone, respectively;

   b. add a temporary pre-treatment system using 2 carbon beds in series which will further process the post-stripper condensate prior to discharge. We believe the two carbon beds (each with a footprint of 4'x4') can be installed within the diked area by the air stripper. The carbon beds will be piped in series with a sampling point between them and with piping/pumping to allow us to use either bed first so they may be switched to always have the newest bed as the last (polishing)

bed in the series (see below for operating conditions). We recognize that the chlorine may cause some conversion (especially acetone) to chloroform but we have been told that the chloroform is actually easier to remove by the carbon beds than the acetone.

According to Wheelabrator/Westates Carbon, the carbon consumption is projected to be 35-60 lbs of carbon per 1000 gallons of condensate (see analysis attached). Using these numbers, with approximately 30,000 gallons on site (10,000 at the stripper and 20,000 in the Baker tank), the projected carbon consumption is 1050 to 1800 lbs. Therefore we would propose to install 2-1000 lb. carbon beds in series and operate as follows:

A. We would run 15,000 gallons through the beds and then sample at the effluent of both beds. Grab samples (not 24-hour composites) will be taken and samples will be analyzed for total toxic organics ("TTOs") -- the total to include acetone and MEK. Analyses will be conducted by SCS Analytical Laboratory unless the City wants to conduct its own sampling and analyses at its cost, in which case we will use the City's numbers.

B. If the discharge level from the first bed is within the permit level of 2 mg/l for TTOs (i.e., no "breakthrough"), another 7500 gallons will be discharged and the sampling and analysis will then be repeated.

C. If there is breakthrough of both beds, they will both be replaced and another 7500 gallons will be discharged before sampling and analysis. (This iteration will continue until we can achieve a sampling frequency which indicates the first bed has broken through but not the second one.)

D. If the analysis indicates there is breakthrough of the first bed but not the second bed, the second bed will become the first bed and the second bed will be replaced with a fresh bed.

E. Again the discharge will continue at half the prior discharge level with the same iterations of sampling and analysis until we can reasonably determine the life of the first bed.

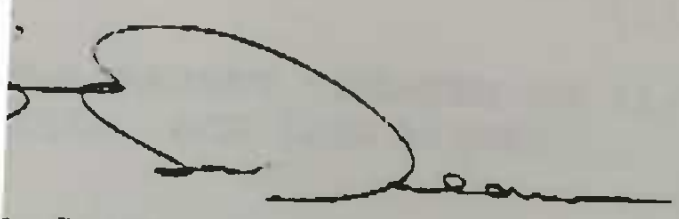
F. Once the life of the first bed is determined, the sampling and analysis for the effluent of the first bed will be conducted at the projected half-life level, three-quarter life level and the end-life level, with testing frequency reviewed periodically based on recent history.

The above approach, by which the discharge level is measured prior to the polishing bed, should always keep SC-LP within a TTO limit of 2 mg/l, including any acetone and MEK that is found.

Based on the results of this program, Scholl Canyon LFG Limited Partnership (SC-LP) may suggest alternate programs in the future. Further, while SC-LP is proposing to undertake the above program in a good faith effort to promptly address the issues and concerns raised by the City, SC-LP is reserving its rights to petition the City for permits to dispose of these compounds at some other level as part of its industrial waste discharge permit.

If the above approach meets with your approval, please provide your concurrence as soon as possible so that we can implement the above program and prevent a shutdown and/or unnecessary costs and aggravation to the project.

:nued cooperation on this program is much appreciated.



L. Deane
it
Canyon Landfill Gas Corporation, General Partner

Steve Zurn, Kerry Morford -- Glendale Public Works
Jim Bier, Steve Svorinich, Greg Moore -- SCS Field Services
Patrick Sullivan -- SCS Engineers
Richard T. Mandeville
Jeffrey M. Bernstein, Esq.
David A. Marques -- SC-LP
Steve Aakhus -- ARB
Mary Bookman, Morten Sissener -- Heller Financial

WESTATES CARBON, INC.
2130 LEO AVE.
LOS ANGELES, CA. 90040-1634
(213)722-7500

ISOTHERM REPORT CREATED ON 11/07/94 AT 09:57 BY SLH
CUSTOMER: SCS LABORATORY

LIQUID PHASE DESIGN PARAMETERS

Total Flow of Water [gpm] 10.000

LIQUID PHASE DESIGN

Component	Concentration [ppm]	#GAC/1000 gal water
ACETONE	30.200	34.48
KETONE, METHYLETHYL- (MEK)	24.000	25.02
BENZENE, 1, 4-DICHLORO-	.375	.02
BENZENE, ETHYL-	.214	.04
NAPHTHALENE	.684	.09
TOLUENE	.371	.08
XYLENE, p-	.499	.04
XYLENE, p-	.232	.03

TOTAL CARBON NEEDED

861.08 #GAC/day
35 - 59.80 #GAC/1000 gal water

April 13, 1994 — Industrial Waste

To Steve Aakhus
Frank Whipple
Kerry Morford

From Gordon Deane

Subject Condensate Disposal

As a follow-up to our meeting today with LACSD our earlier proposal should be amended with respect to the temporary hood-up. Specifically - SC-LP would prefer to do the following for the temporary hook-up.

(1) SC-LP will install a pump and temporary storage tank at the top of the hill with a drain from the tank to the current condensate line at the north side of the flare.

We feel this option, which appeared somewhat acceptable to LACSD earlier today, has the following operational advantages:

(a) there is not much space down by the current stripper system and it cannot be easily monitored;

(b) installation will not require cutting pavement again and another road crossing to install a dedicated drain line;

(c) our operator will be able to visibly monitor the level of the tank as well as values controlling the flow;

(d) in case of problems with the LACSD pump in the drain line (which appeared to be LACSD's biggest concern about this option), there will be approximately 3 days storage, more than enough to allow LACSD to fix the pump.

I hope this is acceptable to the City and LACSD. We thank you for your assistance on this matter.

SCHOLL CANYON LFG
LIMITED PARTNERSHIP
c/o Scholl Canyon Landfill Gas Corporation
672 Jerusalem Road, Cohasset, MA 02025
Tel: 617/383-1293; Fax: 617/383-0203

May 8, 1994

To: Kerry Morford, City of Glendale
Ed Wheless, LACSD

From: Gordon Deane

Subject: *Condensate Disposal*

On April 27, at a meeting at the Scholl Canyon landfill including representatives from Scholl Canyon Landfill Gas Limited Partnership (SC-LP), the County Sanitation Districts of Los Angeles (LACSD) and ARB, Inc., LACSD proposed the following temporary and permanent means of handling condensate from the gas processing facility (GPF) being installed by SC-LP as ones which would be acceptable to LACSD. SC-LP indicated that the proposal would be acceptable to it assuming (a) the City (including its industrial waste division) concurs and (b) SC-LP's review of the condensate data and the air stripper manual did not result in any major surprises. SC-LP volunteered to summarize the proposed agreement and to circulate it to the City and LACSD for comment and eventual sign-off. The following is that summary with bracketed items indicating further thoughts by SC-LP for which LACSD and City comments and/or concurrence are sought.

Temporary

From the time of start-up of the GPF until such time (estimated to be within 6 months from now) as LACSD establishes a new system for handling, processing and disposal of condensate collected upstream of the GPF, SC-LP and LACSD would agree that:

1) SC-LP would collect and store condensate generated by the GPF in a temporary storage facility (approximately 10,000 gallon capacity) to be located near the GPF in accordance with the design submitted to LACSD and City on April 22 and attached hereto as Exhibit A.

2) SC-LP would connect the outlet of the temporary storage facility to the existing air stripper by a dedicated, above ground (except for road crossings) pipeline (HDPE or better and steel encased for road crossings) following the 18" header routing and using its supports. The connection would be pre or post LACSD's pump, depending on pressure and control requirements. In this manner, the condensate stream from the GPF would be isolated from the condensate stream from the gas collection system.

3) SC-LP would assume ownership of the complete existing condensate air stripper system without cost. The existing system includes two 10,000 gallon tanks, an air stripper, all pumps and controls necessary for its operation to process condensate, a meter for measuring

the flow of condensate to the sewer, and the sewer connection. [There may be a question regarding exactly when ownership changes hands if a new SCAQMD permit or other permits are required first. SC-LP would appreciate receiving from LACSD a list of all equipment and copy of all permits applicable to the existing tanks and stripper system.]

4) SC-LP would use the existing air stripper without cost on a regular basis for the batch processing and disposal of condensate from the SC-LP via the same 6" sewer connection as currently exists. Its condensate could be sampled at the same sample box location. [Since SC-LP has only one waste water stream, 24-hr composites should not be necessary. SC-LP may have only one discharge per day.]

5) SC-LP would be liable for all damage or repairs caused solely by SC-LP's operation of the system or by any fouling of the system due to processing of the GPF condensate should LACSD be the operator during the interim period. In the event the equipment becomes inoperable for any reason, SC-LP and LACSD would each be responsible for arranging alternate disposal for their own condensate.

6) LACSD would continue to use the existing tanks and air stripper system for storage, processing and disposal of its condensate without cost or expense to SC-LP and without additional cost to LACSD (i.e., other than costs now being incurred) until LACSD establishes its new condensate storage, treatment and disposal facility. [SC-LP assumes that LACSD would be similarly responsible for any damage which it causes to the tanks and stripper system under its control.]

7) SC-LP would seek and obtain its own permit form the City of Glendale for disposal of the condensate from the GPF. [SC-LP would expect to obtain a permit for 3,500 gallons per day and with discharge limits and sampling and reporting requirements no more stringent than now imposed on LACSD. We expect that permit will require 10,000 gallons of storage (3 days) so that we may be able to use the proposed temporary tank; the permanent solution would also have a requirement for 10,000 gallons of storage. The extra tank SC-LP is acquiring and/or the space may be used by SC-LP for any additional gas processing that we may decide to implement.]

8) SC-LP would agree to store condensate from the GPF for a period of not less than 24 hours to allow LACSD to collect a 24-hr composite sample from its operation unaffected by condensate form the GPF.

In addition to the above understandings, SC-LP has previously proposed to the City that it would sample the GPF condensate approximately 15 days after start-up of the GPF and would provide the City with a proposal for the permanent handling and any further processing of its condensate prior to disposal within 90 days of start-up. SC-LP would still plan to conduct such a testing and analysis program, recognizing that it may not be able to implement a permanent system until such time as LACSD moves its operation and relinquishes control of the tanks.

Permanent

When LACSD moves its processing station (expected to be within 6 months from now), SC-LP would then be allowed to:

A) Remove its temporary storage tank and connect directly to the tanks at the current air stripper system;

B) Have sole use thereafter of the 2 tanks (estimated capacity 20,000 gallons) and
system and sole operating responsibility;

C) Dispose of its processed condensate (assuming meeting permit conditions) throug
current sewer line hook-up and using the current flow meters located at the site. LA
has indicated to SC-LP that it has no future plans for the property on which the curren
stripper system is located and does not foresee that SC-LP would be required to move it f
any reason.

SC-LP will provide LACSD with 2 new tanks (comparable size and composition) for use in LACSD's new condensate processing system. The 2 tanks will be purchased and delivered at the time necessary for LACSD's construction of its new system.

SC-LP will be responsible for additional equipment and controls as the City may require be added to the current system (e.g., pH control) subsequent to LACSD's move.

SC-LP and LACSD shall negotiate in good faith to establish a flat monthly payment payable to LACSD by SC-LP for use of electricity by the stripper system (perhaps to be combined with a payment for water usage by the GPF).

Understanding

If the above summary is an accurate representation of an approach acceptable to LACSD and the City (including the City's industrial waste division), please indicate your acceptance below and return a copy to me. To expedite matters, this understanding may be executed in counterparts and is not binding on any party unless signed by all parties. The parties agree to cooperate in good faith to negotiate and execute any additional documents reasonably necessary to consummate this agreement. Given the status of the construction of SC-LP's project, SC-LP will plan to proceed with its construction plans relying on this understanding.

THE ABOVE UNDERSTANDING AGREED & ACCEPTED this _____ day of May 1994 for
SCHOLL CANYON LFG LIMITED PARTNERSHIP
by SCHOLL CANYON LANDFILL GAS CORPORATION
its General Partner

_____
Gordon L. Deane
President

THE ABOVE UNDERSTANDING AGREED & ACCEPTED this _____ day of May 1994 for the
CITY OF GLENDALE

_____
Title: _____

3-1994 22:27 FROM
Understanding on SCE Condensate
THE ABOVE UNDERSTANDING AGREED
COUNTY SANITATION DISTRICTS OF LOS
Title:

Permit # W-3142

CITY OF GLENDALE - FIRE DIVISION
ENVIRONMENTAL MGMT. CENTER
780 Flower Street, Glendale, CA 91201-3057 Phone 548-4030
APPLICATION FOR 90 DAY TEMPORARY INDUSTRIAL WASTE PERMIT

Business Name: Scholl Canyon LFG Limited Partnership

Business Owner: Same **Phone:** (617) 383-3200

Address of Installation: 3001 Scholl Canyon Road, Glendale, CA, 91206

Mailing Address: 13 Elm Street, Suite 200, Cohasset, MA, 02025

Type of Industry: Landfill Gas Recovery **SIC Code:** 4920

Character of operation producing waste: Condensate generated during landfill gas processing operations. Waste is derived from moisture in landfill gas.

Types of chemicals, solvents, cleaning compounds, oils and other substances contained in liquid waste discharge: Chlorinated, aromatic, oxygenated and other hydrocarbons from landfill gas; Oil from compressors; Sulfur-containing compounds

Approximate gallonage of waste liquids (3300) **per** (day) ~~hour~~ **day.**

Additional information: This is an application for a temporary industrial waste permit to be used until the existing permit (W-3142) can be renewed.

Drivers License # 298501772

FEE: $85.00 (Checks made payable to the CITY OF GLENDALE)

For further information, if necessary, call 548-4030.

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Authorized Signature Required

1. Business Owner.
2. Corporate officer or designated employee with written authorization.
3. Managing partner.

Scholl Canyon LFG Limited Partnership
(Firm Name)

A. Robert Russell
(Applicant's Signature)

A. Robert Russell III, Treasurer
(Type or print name and title)

Scholl Canyon Landfill Gas Corp.,
General Partner

GS/STD 911 (1-80)

CITY OF LOS ANGELES
DEPARTMENT OF GENERAL SERVICES
STANDARDS

2319 DORRIS PLACE
LOS ANGELES, CA 90031
485-2242

ab. #: 98-000063

eceived: August 13, 1997
eported: September 02, 1997

o: CAPTAIN AARON AUSTIN
ENVIRONMENTAL MANAGEMENT CENTER

ttn: Mr. Gregory P. Ahern Sr.
Industrial Waste Program

INDUSTRIAL WASTE ANALYSIS RESULTS

At the request of Gregory P. Ahern Sr., Industrial Waste Inspector, one sample was analyzed for possible chemical contamination.

Quantitative analysis for Volatile Organic Compounds was performed in accordance with EPA Method 8260A and Hazardous Waste characterization was performed using EPA Method 1311 - Toxicity Characteristic Leaching Procedure (TCLP).

Note 1: The results do not exceed the TCLP maximum concentration limit. A table comparing the analytical results with the TCLP limits is included.

Note 2: The Total Toxic Organic (Volatiles Only) of 4510 ppb (4.51 ppm) does exceed the regulatory discharge limit as established in the Code of Federal Regulations 40 Part 433.

Data sheets are attached.

Papkin K. Hovasapian, Director
General Services/Standards

PKH:KK:JDB:CW:cw

Comparison Table
Toxicity Characteristic Leaching Procedure (TCLP)
(Volatile Organics Only)

Contaminant	Regulatory Level	98-000063			
Benzene	0.5	ND			
Carbon tetrachloride	0.5	ND			
Chlorobenzene	100.0	ND			
Chloroform	6.0	ND			
1,4-Dichlorobenzene	7.5	0.71			
1,2-Dichloroethane	5.0	ND			
1,1-Dichloroethylene	0.7	ND			
Methyl ethyl ketone	200.0	64			
Tetrachloroethylene	0.7	ND			
Trichloroethylene	0.5	ND			
Vinyl Chloride	0.2	ND			

ND - Not Detected at Reporting Level
All results in mg/L (ppm)

R MANAGEMENT
SCHOLL CANYON ROAD
NDALE, CA

EMPLOYER REPORT OF ACTION TAKEN

Item Number	0001	Hazard Type	Serious	Standard	.3203(a)
Instance	A	Correction Due Date	3/20/00	Date Corrected	3/16/00

Describe Corrective Action Taken

Developed a written Injury and Illness Prevention (IIP) Program.

Action Taken to Prevent Recurrence

Maintain the IIPP updated and on the premises.

Item Number	0002	Hazard Type	Serious	Standard	.3314(f)
Instance	A	Correction Due Date	3/20/00	Date Corrected	3/16/00

Describe Corrective Action Taken

Developed a written Lockout/Blockout Program to provide specific energy control procedures be utilized for the control of hazardous energy during maintenance/servicing/repair of equipment.

Action Taken to Prevent Recurrence

Implement lockout/tagout procedures, and enforce through safety meeting, communication and oversight.

Item Number	0003	Hazard Type	Serious	Standard	.5194(e)(01)
Instance	A	Correction Due Date	3/20/00	Date Corrected	3/16/00

Describe Corrective Action Taken

Developed a written hazard communication program.

Action Taken to Prevent Recurrence

Maintain the hazard communication program updated and on the premises.

R MANAGEMENT
SCHOLL CANYON ROAD
NDALE, CA

EMPLOYER REPORT OF ACTION TAKEN

Item Number	0004	Hazard Type	Serious	Standard	.5144(c)(01)
Instance	A	Correction Due Date	3/20/00	Date Corrected	3/16/00

Describe Corrective Action Taken

The facility is an outdoor treatment system with passive vapor control system. The air emissions are not at trace levels only, well below the threshold concentrations that will have potential for harmful exposures to operators and visitors. Therefore, no respiratory protection program is required.

Action Taken to Prevent Recurrence

Maintain engineering controls to eliminate exposure to harmful vapors and airborne particulates.

Item Number	0005	Hazard Type	Serious	Standard	.3321(a)
Instance	A	Correction Due Date	3/20/00	Date Corrected	3/16/00

Describe Corrective Action Taken

Identified by clear tags, all process piping and tanks in the facility.

Action Taken to Prevent Recurrence

Maintain the tags clean and legible at all times. Replace when necessary.

Item Number	0006	Hazard Type	Serious	Standard	.3273(l)
Instance	A	Correction Due Date	3/20/00	Date Corrected	3/16/00

Describe Corrective Action Taken

Install a cover over the sump pit in the treatment system area.

Action Taken to Prevent Recurrence

Maintain the cover in place at all times, expect when service/maintenance work is required.

ER MANAGEMENT
SCHOLL CANYON ROAD
NDALE, CA

EMPLOYER REPORT OF ACTION TAKEN

Item Number	0007	Hazard Type	Serious	Standard	2340.0011(a)(01)
Instance	A	Correction Due Date	3/20/00	Date Corrected	3/16/00
Describe Corrective Action Taken					
Enclose conductor in an rain-tight conduits, per Electrical Code.					
Action Taken to Prevent Recurrence					
Inspect the electrical raceways and equipment regularly and repair any hazard conditions as they are detected.					

SOLID WASTE MANAGEMENT PROGRAM

FAX

COVER SHEET

To: GREG AHERN
Fax #: (818) 548-9777
Subject: SCHOLL CANYON LANDFILL
Date: 3/30/98
Pages: 3 , including this cover sheet.

COMMENTS:

CONDENSATE SPILLS AT SCHOLL CYN L.F.

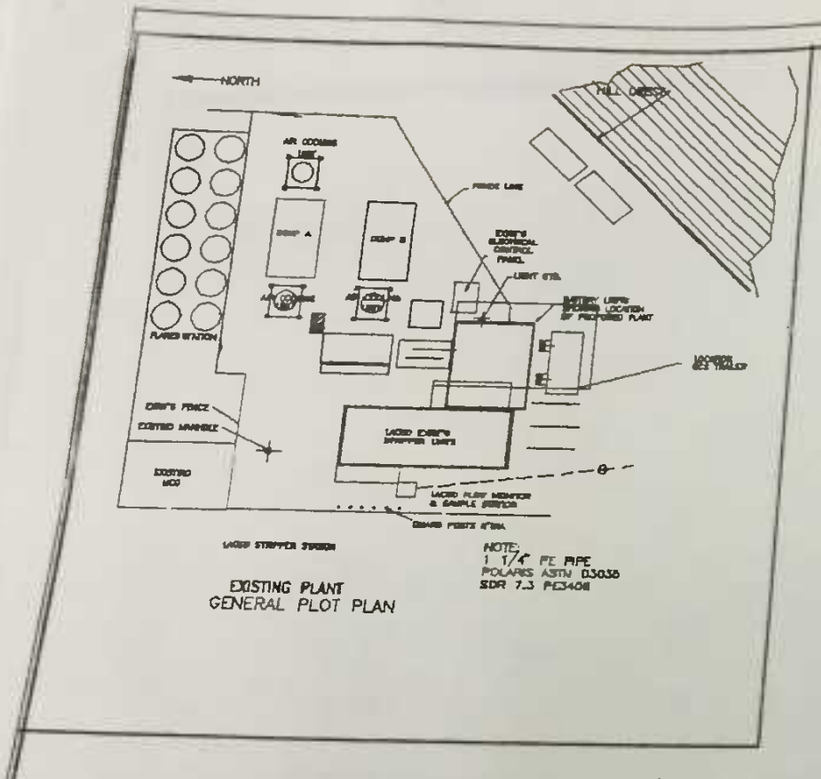
3/14/97 - APPROX 3000 gALLONS

3/11/98 - APPROX 10 gALLONS

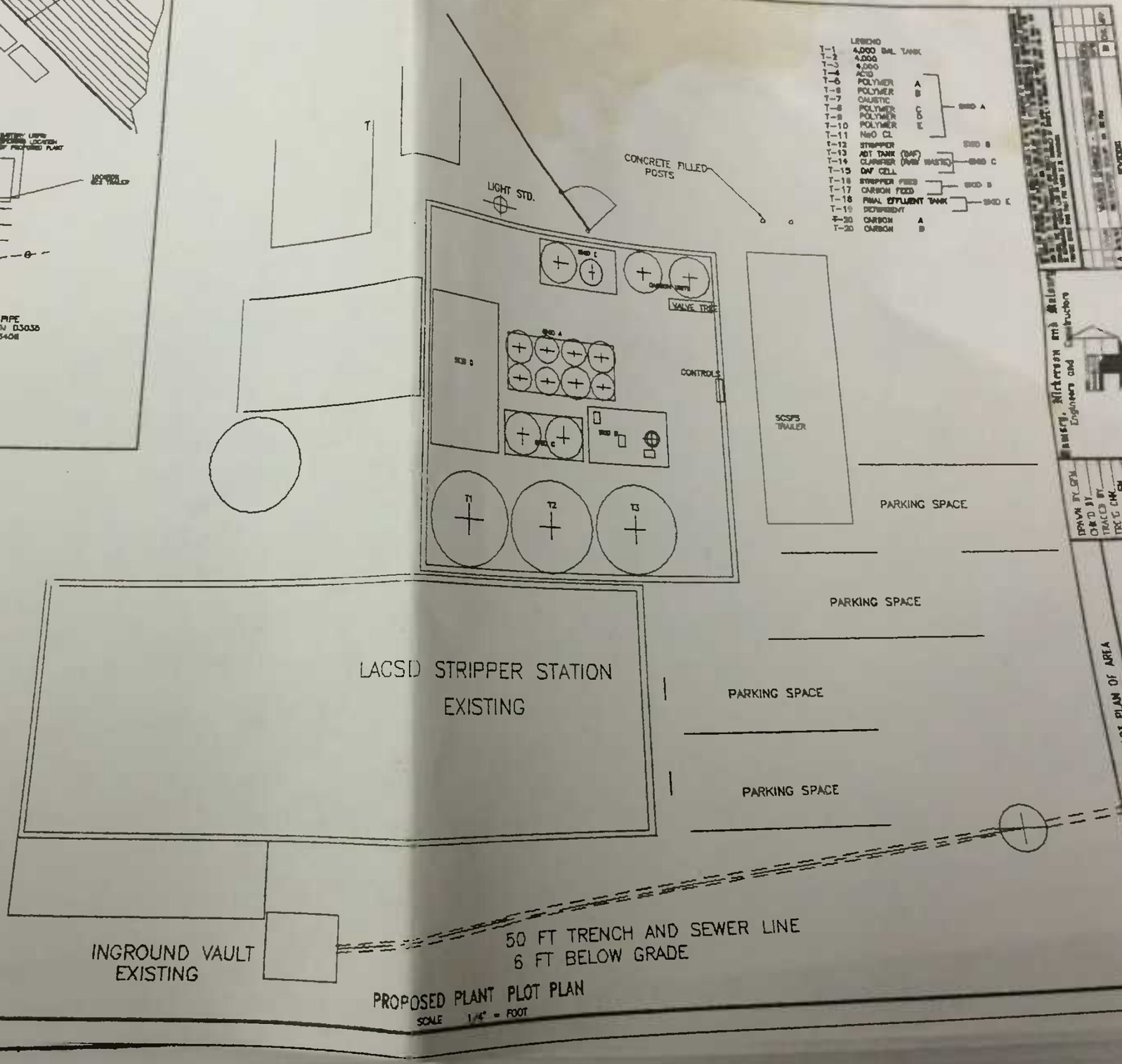
APPARENTLY I OVERESTIMATED THE # OF SPILLS - I HAVE RECORDS OF 2 SPILLS FOR THE LAST 4 YEARS/AS LISTED ABOVE

From the desk of:
KIM YAPP
Phone #:
(213) 881 4151
Fax #:
(213) 269 4327

GREG AHERN



EXISTING PLANT
GENERAL PLOT PLAN



PROPOSED PLANT PLOT PLAN
SCALE 1/4" = FOOT

Environmental Consultants

3711 Long Beach Boulevard
Ninth Floor
Long Beach, CA 90807-3315

310 426-9544
FAX 310 427-0805

SCS ENGINEERS

April 7, 1997
File No. 0196115.00

City of Glendale
Engineering Section
633 E. Broadway, Room 205
Glendale, California 91206-4388

Attention: Industrial Waste Program

SUBJECT: SUBMITTAL OF PERIODIC COMPLIANCE REPORT (PCR), FIRST QUARTER 1997, SCHOLL CANYON LANDFILL GAS LIMITED PARTNERSHIP, 3001 SCHOLL CANYON ROAD, GLENDALE, CALIFORNIA (W-3142)

To Whom It May Concern:

Enclosed please find two copies of completed PCR forms and accompanying laboratory reports (with chain-of-custody documentation) for self-monitoring conducted at Scholl Canyon during the first quarter (January through March) 1997. During this round of self-monitoring, Sampling Point 01 (regulated quarterly) was monitored in accordance with Scholl Canyon's revised industrial waste discharge permit (W-3142, March 8, 1995). The enclosed document has been prepared by SCS Engineers (SCS) on behalf of the Scholl Canyon Landfill Gas Limited Partnership (SC-LP).

Based on analytical data generated during monitoring, it appears that SC-LP is in compliance with discharge limitations set forth in its industrial waste discharge permit (W-3142), with the exception of exceedances of the discharge limits for total toxic organics (TTO) (2.0 mg/L) and dispersed oil and grease (600.0 mg/L). Concentrations of 4.286 mg/L of TTO and 732 mg/L of dispersed oil and grease were detected in a grab sample collected from Sampling Point 01.

The excessive concentrations of TTO and dispersed oil and grease present in the condensate sample is most likely the result of the temporary failure of the carbon filtration units attached to the condensate outflow. This failure has been remedied by the replacement of the carbon canisters as well as the overhauling of the valve system attached to the carbon filtration system. SC-LP is already in the process of scheduling the necessary re-sampling event required by the permit.

We are hopeful that this corrective safety strategy will be acceptable to the City of Glendale. Please note that the pending upgrade and re-location of the system to the compressor station area will further mitigate potential problems with TTOs and oil and grease.

Please address any questions or comments related to this submittal to our office.

Sincerely,

Ray Huff
Project Scientist
SCS ENGINEERS

Enclosures

cc: Jim Bier; SCS Field Services
Gordon Deane; Palmer Management Corp.

STD 911

CITY OF LOS ANGELES
DEPARTMENT OF GENERAL SERVICES
STANDARDS DIVISION
2319 DORRIS PLACE
LOS ANGELES, CA 90031
(213) 485-2242
FAX (213) 485-5075

Lab. No.: 97-000413 -01 to -02
Date Received: May 20, 1997
Date Reported: May 28, 1997

To: CAPT. AARON AUSTIN
ENVIRONMENTAL MANAGEMENT CENTER
CITY OF GLENDALE

Attn: GREG AHERN, Inspector
INDUSTRIAL WASTE PROGRAM

TEST REPORT

One grab sample collected from Scholl Canyon Landfill at the sample spigot after pretreatment was tested for pH and various analytes for the City of Glendale. The sample was collected at 1049 hours on May 20, 1997 and delivered to the laboratory on the same day by Greg Ahern. Specific methods used for the analyses are listed in the table of results.

TEST DATA

Laboratory ID No. 97-000413	-01	-02	Reporting Limit	EPA Method No.*
pH	8.4		N/A	150.1
Chlorides, mg/L	64		0.2	325.1
Dissolved Sulfides, mg/L	< 0.03		0.03	376.2
Oil and Grease, Total, mg/L		516	3	413.1

* EPA Methods for Chemical Analysis of Water and Wastes, 1983.

for
Paphin K. Hovasapian, Director
General Services/Standards
PKH:KK:ES:es

01

Recyclable and made from recycled waste

CITY OF LOS ANGELES
DEPARTMENT OF GENERAL SERVICES
STANDARDS DIVISION

2319 DORRIS PLACE
LOS ANGELES, CA 90031
(213) 485-2242
FAX (213) 485-5075

MAY 1997
Received
Hazardous Materials
Section (EMC)

Lab. No.: 97-000398 -01 to -02
Date Received: May 6, 1997
Date Reported: May 13, 1997

To: CAPT. AARON AUSTIN
ENVIRONMENTAL MANAGEMENT CENTER
CITY OF GLENDALE

Attn: GREG AHERN, Inspector
INDUSTRIAL WASTE PROGRAM

TEST REPORT

One grab sample collected from Scholl Canyon Landfill at the sample spigot after pretreatment was tested for various analytes and for pH and flash point for the City of Glendale. The sample was collected at 1240 hours on May 6, 1997 and delivered to the laboratory on the same day by Greg Ahern. Specific methods used for the analyses are listed in the table of results.

TEST DATA

Laboratory ID No. 97-000398	-01	-02	Reporting Limit	EPA Method No.
pH	7.4		N/A	150.1
Cyanide, Free, mg/L	< 0.004		0.004	335.1
Cyanide, Total, mg/L	0.004		0.004	335.2
Chlorides, mg/L	848		0.2	325.1
Dissolved Sulfides, mg/L	67.1		0.03	376.2
Oil and Grease, Total, mg/L		635	3	413.1
Flash Point, °C	No flash (≥ 70°C)		N/A	1020*

* EPA SW-846, 3rd ed,, Setaflash Closed-Cup Method for Ignitability.

for
Parkin K. Hovasapian, Director
General Services/Standards
PKH:KK:JB:ES:es

Recyclable and made from recycled waste

Environmental Consultants

3711 Long Beach Boulevard
Ninth Floor
Long Beach, CA 90807-3315

310 426-9544
FAX 310 427-0805

SCS ENGINEERS

July 11, 1996
File No. 0196007.00

City of Glendale
Environmental Management Center
Hazardous Materials Section
780 Flower Street
Glendale, California 91201

Attention: Industrial Waste Program

SUBJECT: SUBMITTAL OF INDUSTRIAL USERS QUARTERLY COMPLIANCE REPORT FORM, SECOND QUARTER 1996, SCHOLL CANYON LANDFILL GAS LIMITED PARTNERSHIP, 3001 SCHOLL CANYON ROAD, GLENDALE, CALIFORNIA (W-3142)

To Whom It May Concern:

Enclosed please find two copies of completed Industrial Users Quarterly Compliance Report forms and accompanying laboratory reports (with chain-of-custody documentation) for self-monitoring conducted at Scholl Canyon during the second quarter (April through June) 1996. During this round of self-monitoring, Sampling Point 01 (regulated quarterly) was monitored in accordance with Scholl Canyon's revised industrial waste discharge permit (W-3142, March 8, 1995). The enclosed document has been prepared by SCS Engineers (SCS) on behalf of the Scholl Canyon Landfill Gas Limited Partnership.

Based on analytical data generated during monitoring, it appears that Scholl Canyon is in full compliance with discharge limitations set forth in its industrial waste discharge permit (W-3142). Please address any questions or comments related to this submittal to our office.

Sincerely,

Patrick S. Sullivan, R.E.A.
Senior Project Scientist
SCS ENGINEERS

Enclosures

cc: Jim Bier; SCS Field Services
Gordon Deane; Palmer Management Corp.

Environmental Consultants

3711 Long Beach Boulevard
Ninth Floor
Long Beach, CA 90807-3315

310 426-9544
FAX 310 427-0805

SCS ENGINEERS

January 13, 1997
File No. 0196115.00

City of Glendale
Environmental Management Center
Hazardous Materials Section
780 Flower Street
Glendale, California 91201

Attention: Industrial Waste Program

SUBJECT: SUBMITTAL OF INDUSTRIAL USERS QUARTERLY COMPLIANCE REPORT FORM, FIRST QUARTER 1996, SCHOLL CANYON LANDFILL GAS LIMITED PARTNERSHIP, 3001 SCHOLL CANYON ROAD, GLENDALE, CALIFORNIA (W-3142)

To Whom It May Concern:

Enclosed please find two copies of completed Industrial Users Quarterly Compliance Report forms and accompanying laboratory reports (with chain-of-custody documentation) for self-monitoring conducted at Scholl Canyon during the first quarter (October through December) 1996. During this round of self-monitoring, Sampling Point 01 (regulated quarterly) was monitored in accordance with Scholl Canyon's revised industrial waste discharge permit (W-3142, March 8, 1995). The enclosed document has been prepared by SCS Engineers (SCS) on behalf of the Scholl Canyon Landfill Gas Limited Partnership.

Based on analytical data generated during monitoring, it appears that Scholl Canyon is in full compliance with discharge limitations set forth in its industrial waste discharge permit (W-3142).

Please address any questions or comments related to this submittal to our office.

Sincerely,

Ray Huff
Project Scientist
SCS ENGINEERS

Enclosures

cc: Jim Bier; SCS Field Services
Gordon Deane; Palmer Management Corp.

G.S.D. / STANDARDS

TEL:213-

SCHOLL CANYON LFG LIMITED PARTNERSHIP
c/o PALMER MANAGEMENT CORPORATION
672 JERUSALEM ROAD
COHASSET, MASSACHUSETTS 02025
TEL: (617) 383-1293; FAX: (617) 383-0203

January 12, 19954

City of Glendale
Engineering Section
633 East Broadway, Room 205
Glendale, California 91206

Gentlemen:

Enclosed please find a completed Industrial User's Quarterly Compliance Report Form for our site in Glendale. This report covers the period October 1, 1994-December 31, 1994. The appropriate supporting lab reports are attached.

As can be seen, the facility was in compliance throughout the quarter.

Should you have any questions, please feel free to call.

Sincerely,

A. Robert Russell III
Treasurer, Scholl Canyon Landfill
Gas Corporation, General Partner

Enclosure

City of Los Angeles
Department of General Services
Standards Testing Laboratory

Lab Number: 95-000535 Date Sampled: 10/26/94
Location: SCHOLL CANON LANDFILL/GAS TO ENER Date Analyzed: 10/26/94
M.H. AFTER AIR STRIPPER
Permit #: W-NONE Analyzed By: MG/PW
Date Reported: 10/27/94

ADDITIONAL VOLATILES (NON-TTO)

Volatile Organic Compounds — *Concentrations in ug/L*

Compound	RL	Result
Dichlorodifluoromethane	10.0	*
Trichlorofluoromethane	10.0	*
2-Propanone (Acetone)	30.0	41100
2,2-Dichloropropane	2.00	*
cis-1,2-Dichloroethene	2.00	*
2-Butanone (MEK)	15.0	31200
Bromochloromethane	2.00	*
1,1-Dichloropropene	2.00	*
Dibromomethane	2.00	*
1,3-Dichloropropane	2.00	*
1,2-Dibromoethane	2.00	*
1,1,1,2-Tetrachloroethane	2.00	*
m,p-Xylenes	2.00	433
o-Xylene	2.00	210
Styrene	2.00	*
Isopropylbenzene	2.00	*
Bromobenzene	2.00	*
1,2,3-Trichloropropane	2.00	*
n-Propylbenzene	2.00	*
2-Chlorotoluene	2.00	*
4-Chlorotoluene	2.00	*
1,3,5-Trimethylbenzene	2.00	*
tert-Butylbenzene	2.00	*
1,2,4-Trimethylbenzene	2.00	656
sec-Butylbenzene	2.00	*
p-Isopropyltoluene	2.00	1310
n-Butylbenzene	2.00	*
1,2-Dibromo-3-Chloropropane	2.00	*
1,2,3-Trichlorobenzene	2.00	*

A. Method: EPA Method 8260
B. Instrument: Hewlett-Packard 5890 with 5971A Mass-Selective Detector
C. Column: DB624, 0.53 I.D., 3.0 Micron Film Thickness, 75 Meters
RL: Reporting Limit
* Below Reporting Limit

April 12, 1995
File No. 0195007.00

City of Glendale
Engineering Section
633 E. Broadway, Room 205
Glendale, California 91206-4388

Attention: Industrial Waste Program

SUBJECT: SUBMITTAL OF PERIODIC COMPLIANCE REPORT (PCR), FIRST QUARTER 1995, SCHOLL CANYON LANDFILL GAS LIMITED PARTNERSHIP, 3001 SCHOLL CANYON ROAD, GLENDALE, CALIFORNIA (W-3142)

To Whom It May Concern:

Enclosed please find two copies of completed PCR forms and accompanying laboratory reports (with chain-of-custody documentation) for self-monitoring conducted at Scholl Canyon during the first quarter (January through March) 1995. During this round of self-monitoring, Sampling Point 01 (regulated quarterly) was monitored in accordance with Scholl Canyon's revised industrial wastewater discharge permit (W-3142, March 8, 1995).

Based on the data generated during sampling, it appears that Scholl Canyon is in full compliance with discharge limitations set forth in its industrial waste discharge permit (W-3142) at Sampling Location 01. Note that both grab and composite sampling were conducted as required by the permit.

Please address any questions or comments related to this submittal to our office.

Sincerely,

Patrick S. Sullivan, R.E.A.
Project Scientist
SCS ENGINEERS

Enclosures

cc: Jim Bier; SCS Field Services
Gordon Deane; Palmer Management Corp.

B C ANALYTICAL

GLENDALE LABORATORY
801 Western Avenue
Glendale, California 91201
Voice: 818/ 247-5737
FAX: 818/ 247-9797

DATE Nov 3, 1994

TO: Mr. Tony Svorinich SCS Engineers (818) 244-9712
(PERSON) (COMPANY) (FAX NUMBER)

FROM: Charles Holmes

Number of pages including this page: 10

If you do not receive all pages call
818/ 247-5737

Comments:

Environmental Consultants

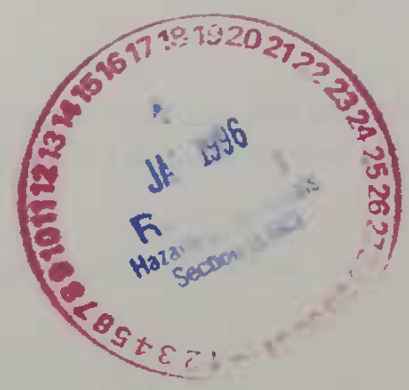
3711 Long Beach Boulevard
Ninth Floor
Long Beach, CA 90807-3315

310 426-9544
310 427-0805 FAX

SCS ENGINEERS

Offices Nationwide

January 12, 1996
File No. 0195007.00



City of Glendale
Engineering Section
633 E. Broadway, Room 205
Glendale, California 91206-4388

Attention: Industrial Waste Program

SUBJECT: SUBMITTAL OF PERIODIC COMPLIANCE REPORT (PCR), FOURTH QUARTER 1995, SCHOLL CANYON LANDFILL GAS LIMITED PARTNERSHIP, 3001 SCHOLL CANYON ROAD, GLENDALE, CALIFORNIA (W-3142)

To Whom It May Concern:

Enclosed please find two copies of completed PCR forms and accompanying laboratory reports (with chain-of-custody documentation) for self-monitoring conducted at Scholl Canyon during the fourth quarter (October through December) 1995. During this round of self-monitoring, Sampling Point 01 (regulated quarterly) was monitored in accordance with Scholl Canyon's revised industrial waste discharge permit (W-3142, March 8, 1995). The enclosed document has been prepared by SCS Engineers (SCS) on behalf of the Scholl Canyon Landfill Gas Limited Partnership.

Based on analytical data generated during monitoring, it appears that Scholl Canyon is in compliance with discharge limitations set forth in its industrial waste discharge permit (W-3142), with the exception of an exceedance of the discharge limit for dissolved sulfides (0.1 mg/L). A concentration of 0.27 mg/L of dissolved sulfides was detected in a grab sample collected from Sampling Point 01.

Scholl Canyon is currently in the process of evaluating the cause of this violation. We will provide additional information on this issue as it becomes available. After review and evaluation of possible causes, Scholl Canyon will develop and implement a course of action for mitigation of the dissolved sulfide problem, if necessary. In the meantime, Scholl Canyon has conducted the necessary re-sampling required by the permit.

25
1970-1995

Environmental Consultants

3711 Long Beach Boulevard
Ninth Floor
Long Beach, CA 90807-3315

310 426 9544
FAX 310 427 0805

SCS ENGINEERS

October 11, 1996
File No. 0196007.00

City of Glendale
Environmental Management Center
Hazardous Materials Section
780 Flower Street
Glendale, California 91201

Attention: Industrial Waste Program

SUBJECT: **SUBMITTAL OF INDUSTRIAL USERS QUARTERLY COMPLIANCE REPORT FORM, THIRD QUARTER 1996, SCHOLL CANYON LANDFILL GAS LIMITED PARTNERSHIP, 3001 SCHOLL CANYON ROAD, GLENDALE, CALIFORNIA (W-3142)**

To Whom It May Concern:

Enclosed please find two copies of completed Industrial Users Quarterly Compliance Report forms and accompanying laboratory reports (with chain-of-custody documentation) for self-monitoring conducted at Scholl Canyon during the third quarter (July through September) 1996. During this round of self-monitoring, Sampling Point 01 (regulated quarterly) was monitored in accordance with Scholl Canyon's revised industrial waste discharge permit (W-3142, March 8, 1995). The enclosed document has been prepared by SCS Engineers (SCS) on behalf of the Scholl Canyon Landfill Gas Limited Partnership.

Based on analytical data generated during monitoring, it appears that Scholl Canyon is in full compliance with discharge limitations set forth in its industrial waste discharge permit (W-3142). Please address any questions or comments related to this submittal to our office.

Sincerely,

Patrick S. Sullivan, R.E.A.
Senior Project Scientist
SCS ENGINEERS

Enclosures

cc: Jim Bier; SCS Field Services
Gordon Deane; Palmer Management Corp.

Environmental Consultants

Environmental Consultants

3711 Long Beach Boulevard
Ninth Floor
Long Beach, CA 90807-3315

310 426-9544
FAX 310 427-0805

SCS ENGINEERS

October 11, 1996
File No. 0196007.00

City of Glendale
Environmental Management Center
Hazardous Materials Section
780 Flower Street
Glendale, California 91201

Attention: Industrial Waste Program

SUBJECT: SUBMITTAL OF INDUSTRIAL USERS QUARTERLY COMPLIANCE REPORT FORM, THIRD QUARTER 1996, SCHOLL CANYON LANDFILL GAS LIMITED PARTNERSHIP, 3001 SCHOLL CANYON ROAD, GLENDALE, CALIFORNIA (W-3142)

To Whom It May Concern:

Enclosed please find two copies of completed Industrial Users Quarterly Compliance Report forms and accompanying laboratory reports (with chain-of-custody documentation) for self-monitoring conducted at Scholl Canyon during the third quarter (July through September) 1996. During this round of self-monitoring, Sampling Point 01 (regulated quarterly) was monitored in accordance with Scholl Canyon's revised industrial waste discharge permit (W-3142, March 8, 1995). The enclosed document has been prepared by SCS Engineers (SCS) on behalf of the Scholl Canyon Landfill Gas Limited Partnership.

Based on analytical data generated during monitoring, it appears that Scholl Canyon is in full compliance with discharge limitations set forth in its industrial waste discharge permit (W-3142). Please address any questions or comments related to this submittal to our office.

Sincerely,

Patrick S. Sullivan, R.E.A.
Senior Project Scientist
SCS ENGINEERS

Enclosures

cc: Jim Bier; SCS Field Services
Gordon Deane; Palmer Management Corp.

Environmental Consultants

3711 Long Beach Boulevard
Ninth Floor
Long Beach, CA 90807-3315

310 426-9544
310 427-0805 FAX

SCS ENGINEERS

Offices Nationwide

October 19, 1995
File No. 0195007.00

City of Glendale
Engineering Section
633 E. Broadway, Room 205
Glendale, California 91206-4388

Attention: Industrial Waste Program

SUBJECT: SUBMITTAL OF PERIODIC COMPLIANCE REPORT, RESAMPLING FOR TOTAL TOXIC ORGANICS, THIRD QUARTER 1995, SCHOLL CANYON LANDFILL GAS LIMITED PARTNERSHIP, 3001 SCHOLL CANYON ROAD, GLENDALE, CALIFORNIA (W-3142)

To Whom It May Concern:

Enclosed please find two copies of completed periodic compliance report (PCR) forms and accompanying laboratory reports (with chain-of-custody documentation) for resampling conducted at Scholl Canyon on October 6, 1995. The enclosed documentation has been prepared by SCS Engineers (SCS) on behalf of the Scholl Canyon Landfill Gas Limited Partnership.

The recent resampling was conducted due to a violation of the effluent limitation for total toxic organics (TTOs) which occurred during self monitoring for the third quarter (July through September) 1995. Resampling was conducted and is herewith reported within 30 days of first becoming aware of the violation (October 3, 1995), as required by Scholl Canyon's revised Industrial Waste Discharge Permit (W-3142, March 8, 1995).

During the resampling, grab samples were collected from Sampling Point 01 (manhole location at bottom of canyon; Man-1) and a sampling port directly after the carbon adsorption unit (Carb-1). The two grab samples were analyzed for TTOs by EPA Method 625. Samples were not analyzed for EPA Method 624 or 608 compounds since the previous violation was due entirely to bis-2-ethylhexylphthalate, a EPA 625 compound.

Based on analytical data generated during resampling, Scholl Canyon is in compliance with discharge limitation for TTOs, as set forth in its Industrial Waste Discharge Permit (W-3142). In addition, there does not appear to be any difference in the water quality between the two sampling locations.

Scholl Canyon is unsure of the source of bis-2-ethylhexylphthalate which caused the aforementioned violation. This compound had never been detected at the site in previous monitoring rounds.

25
1970-1995

April 11, 1996
File No. 0195007.00

City of Glendale
Environmental Management Center
Hazardous Materials Section
780 Flower Street
Glendale, California 91201

Attention: Industrial Waste Program

SUBJECT: SUBMITTAL OF INDUSTRIAL USERS QUARTERLY COMPLIANCE REPORT FORM, FIRST QUARTER 1996, SCHOLL CANYON LANDFILL GAS LIMITED PARTNERSHIP, 3001 SCHOLL CANYON ROAD, GLENDALE, CALIFORNIA (W-3142)

To Whom It May Concern:

Enclosed please find two copies of completed Industrial Users Quarterly Compliance Report forms and accompanying laboratory reports (with chain-of-custody documentation) for self-monitoring conducted at Scholl Canyon during the first quarter (January through March) 1996. During this round of self-monitoring, Sampling Point 01 (regulated quarterly) was monitored in accordance with Scholl Canyon's revised industrial waste discharge permit (W-3142, March 8, 1995). The enclosed document has been prepared by SCS Engineers (SCS) on behalf of the Scholl Canyon Landfill Gas Limited Partnership.

Based on analytical data generated during monitoring, it appears that Scholl Canyon is in full compliance with discharge limitations set forth in its industrial waste discharge permit (W-3142).

Please address any questions or comments related to this submittal to our office.

Sincerely,

Patrick S. Sullivan, R.E.A.
Senior Project Scientist
SCS ENGINEERS

Enclosures

cc: Jim Bier; SCS Field Services
Gordon Deane; Palmer Management Corp.

October 11, 1995
File No. 0195007.00

City of Glendale
Engineering Section
633 E. Broadway, Room 205
Glendale, California 91206-4388

Attention: Industrial Waste Program

SUBJECT: SUBMITTAL OF PERIODIC COMPLIANCE REPORT (PCR), THIRD QUARTER 1995, SCHOLL CANYON LANDFILL GAS LIMITED PARTNERSHIP, 3001 SCHOLL CANYON ROAD, GLENDALE, CALIFORNIA (W-3142)

To Whom It May Concern:

Enclosed please find two copies of completed PCR forms and accompanying laboratory reports (with chain-of-custody documentation) for self-monitoring conducted at Scholl Canyon during the third quarter (July through September) 1995. During this round of self-monitoring, Sampling Point 01 (regulated quarterly) was monitored in accordance with Scholl Canyon's revised industrial waste discharge permit (W-3142, March 8, 1995). The enclosed document has been prepared by SCS Engineers (SCS) on behalf of the Scholl Canyon Landfill Gas Limited Partnership.

Based on analytical data generated during monitoring, it appears that Scholl Canyon is in compliance with discharge limitations set forth in its industrial waste discharge permit (W-3142), with the exception of an exceedance of the discharge limit for total toxic organics (TTOs; 2.0 mg/L). 5.76 mg/L of bis-2-ethylhexylphthalate (a TTO) was detected in a grab sample collected from Sampling Point 01.

Scholl Canyon is unsure of the source of this contaminant; bis-2-ethylhexylphthalate has never been detected at the site in previous monitoring rounds. In order to best evaluate possible corrective actions, Scholl Canyon proposes to investigate potential source(s) of bis-2-ethylhexylphthalate in landfill gas condensate. In this regard, Scholl Canyon requests assistance from the City of Glendale in identifying contaminant source(s). If possible, we would like to review monitoring data submitted by the Los Angeles County Sanitation Districts for condensate from Scholl Canyon landfill.

In this way, we can determine whether a TTO problem exists or whether the detected TTO concentration was a sampling/analytical anomaly. After review of existing monitoring data and plant operating parameters, Scholl Canyon will develop and implement a course of action for mitigation of the TTO problem, if necessary. In the meantime, Scholl Canyon has conducted the necessary re-sampling required by the permit.

25
1970-1995

SCHOLL CANYON LFG LIMITED PARTNERSHIP
SCHOLL CANYON LANDFILL GAS CORPORATION

c/o Palmer Management Corporation
672 Jerusalem Road, Cohasset, MA 02025
Tel: (617) 383-1293 || Fax: (617) 383-0203

DATE: 16-Sep-94 TIME: 10:05 AM

EXPRESS TRANSMITTAL MEMORANDUM

Please deliver the following pages to:

NAME:	Greg Ahern
COMPANY:	Glendale Industrial Waste
CC:	Kerry Morford, Steve Zurn
COMPANY:	Glendale Public Works Department
CC:	Jim Bier
COMPANY:	SCS Field Services
FROM:	Gordon L. Deane
SUBJECT:	CONDENSATE REPORT

This is to follow-up on our phone conversation yesterday discussing the recent condensate sampling from our gas processing station. As we discussed:

1 Since we have a temporary permit, we have no permit number. Therefore, we will simply write temporary permit on the form.

2 Despite specific instructions provided to them, SCS did not notify the City before sampling. You indicated you thought the City could overlook this transgression. SCS has been notified to not allow this to happen again.

3 The summary of the report which was received late on Wednesday is attached. We do not yet have the actual lab results, which will be forwarded to you when received.

4 As noted on the report, all items reported on the form are well within the limits of the permit except for Dispersed Oil & Grease. The exceedance due to oil and grease is thought to be due to a couple of conditions: (A) As you know, during start-up of the compressors, much more oil is used than during routine operation. The start-up level of oil is 10 gallons per compressor per day. Compressor B has had its oil consumption lowered recently to around 3 gallons/day. Compressor A, which has had less run time, is down to 8 gallons/day; we expect compressor A's oil consumption will continue to drop. (B) The extra oil consumed during start-up has also lead to a foaming action, causing emulsification of oil with the condensate. Therefore, the use of the Baker tank is less efficient than we had originally thought.

5 Both reduced oil consumption and less emulsification should help to lower the levels of oil and grease. Also, we have arranged for the removal of the oil in the Baker tank to try to help improve the separation efficiency and generally reduce the amount of oil in the system.

6 Further, since it appears that LACSD will not start construction of its new condensate system before December, we have proceeded to specify, and plan to order soon, an oil/water separator. I already have a proposal but have asked the engineers for some design changes to make operation easier. We would hope to place an order before the end of the month with installation in 6-8 weeks.

7 As required, we will plan to re-test the condensate within 30 days simply for oil and grease and report those findings to you.

Thank you for your cooperation and assistance on this matter. Feel free to call me if you have any questions.

CC: David Marques, Jeff Bernstein, Esq.; Mary Bookman, Heller Financial

Number of pages being transmitted, including this cover page = 2
IF YOU DO NOT RECEIVE ALL THE PAGES, PLEASE NOTIFY US AS SOON AS POSSIBLE BY CALLING (617) 383-1293.

Pollutants (in mg/l except pH)	Daily Maximum	Lab Results A	Violation Yes/No	Lab Results B	Violation Yes/No	Lab Results C	Violation Yes/No	Lab Results D	Violation Yes/No	Lab Results E	Violation Yes/No
Arsenic	3.0	0.048	No								
Cadmium	15.0	<0.002	No								
Copper	15.0	0.07	NO								
Nickel	15.0	<0.02	NO								
Silver	5.0	<0.02	NO								
Chromium (total)	10.0	<0.02	NO								
Zinc	25.0	1.31	No								
Lead	5.0	<0.003	NO								
Cyanide (total)	10.0	0.21	NO								
Cyanide (free)	2.0	0.05	NO								
Dissolved Sulfides	0.1	<0.07	No								
TTO	2.0	0.32	NO								
pH	5.5-11.0	7.19	NO								
Dispersed O & G	600.0	2,440	YES								
Chloride	• • •	4.3	NO								
BOD	• • •	75.5	NO								
COD	• • •	23,200	NO								
Suspended Solids	• • •	15.0	No								

IF NOT IN COMPLIANCE, ATTACH A STATEMENT OF REASONS FOR NON-COMPLIANCE AND ACTIONS TAKEN TO CORRECT THE PROBLEM.

...properly examined and am familiar with the information submitted in this document and attachments. Based on my inquiry of those individuals ...ble for obtaining the information reported herein, I believe that the submitted information is true, accurate and complete. I am aware that there ... penalties for submitting false information including the possibility of fine and imprisonment as directed by 40 CFR 403.12(k) and GMC

Environmental Consultants

3711 Long Beach Boulevard
Ninth Floor
Long Beach, CA 90807-3315

310 426-9544
310 427-0805 FAX

SCS ENGINEERS

Offices Nationwide

June 29, 1995
File No. 0195007.00

City of Glendale
Engineering Section
633 E. Broadway, Room 205
Glendale, California 91206-4388

Attention: Industrial Waste Program

SUBJECT: SUBMITTAL OF PERIODIC COMPLIANCE REPORT (PCR), SECOND QUARTER 1995, SCHOLL CANYON LANDFILL GAS LIMITED PARTNERSHIP, 3001 SCHOLL CANYON ROAD, GLENDALE, CALIFORNIA (W-3142)

To Whom It May Concern:

This letter is to inform you that the Scholl Canyon Landfill Gas Limited Partnership (SCLP) was unable to complete quarterly monitoring for the second quarter of 1995 due to an unforeseen situation. Based on a telephone conversation with Inspector Greg Ahern (June 22, 1995), SCS Engineers (SCS) submits the enclosed letter on behalf of the SCLP in order to explain the present situation.

SCLP was recently issued a Cease and Desist Order from the City of Glendale due to odor complaints. Therefore, until further notice, SCLP is not permitted to discharge landfill gas condensate to the sanitary sewer system. As such, SCLP cannot complete the required quarterly monitoring prescribed in its industrial wastewater discharge permit.

In the future, SCLP will make ever effort to complete its quarterly monitoring earlier in the monitoring period so that these unforeseen situations due to prevent us from completing the necessary sampling. Please address any questions or comments related to this submittal to our office.

Sincerely,

Patrick S. Sullivan, R.E.A.
Project Scientist
SCS ENGINEERS

Enclosures

cc: Jim Bier; SCS Field Services
Gordon Deane; Palmer Management Corp.

25
1970-1995

19 JUN 95 3:24
P.W. ADMIN. - GLENDALE

SCHOLL CANYON LFG
LIMITED PARTNERSHIP
c/o Scholl Canyon Landfill Gas Corporation
672 Jerusalem Road, Cohasset, MA 02025
Tel: 617/383-1293; Fax: 617/383-0203

June 12, 1995

Mr. George R. Miller
Director of Public Works
City of Glendale
633 East Broadway, Room 209
Glendale, CA 91206-4385

Subject: Industrial Waste Discharge Permit Revision W-2762, Scholl Canyon Landfill

Dear George:

Whoops!

Sitting on my desk was the enclosed requested receipt for the subject permit which was supposed to be returned by April 5, 1995. While I had discussed the permit and the receipt with Kerry and Steve the last time I was in California, I carried it back to the office and there it sat again. Fortunately, my oversight has not stopped SCS from addressing the requirements of the permit which had been immediately sent on to them. Based on recent correspondence, it appears that the plans are moving ahead. Also, odor problems appear to have been addressed. We will continue to monitor the situation.

With respect to the permit, SCS has answered most of my questions on how we address the monitoring issues in the permit. However, to my knowledge, there are still two unresolved questions.

The first is the issue of the maximum daily discharge of 3300 gallons per day which is mentioned in Part 1, paragraph A. As you probably know, since LACSD and Scholl Canyon LFG Limited Partnership are currently using the same condensate disposal system, the practice has been to hold condensate and only discharge on certain days when LACSD is not using the system. This practice has been condoned by the City as long as our average daily discharge is not in excess of 3300 gallons per day. We prefer to continue to have the flexibility to operate in this manner even after we are separated from the LACSD system. By allowing this flexibility, we can better respond to issues such as odor that have arisen in the past when there are questions of the source since we can suspend disposal and check for cause and effect. Also, this flexibility gives us a better opportunity to have the disposal occur while the system is being manned.

Also, under Part 4, paragraph D, it states that the pH chart must be initialed daily by an operator of the facility. We have no problem doing this but only on days when the facility is manned. Once the compressor problems are behind us, we do not expect the facility to be manned on a daily basis.

I hope these understandings are acceptable to the City. If there are any questions, please give me a call. Once again, my apologies for being tardy in sending you this letter and returning the enclosed receipt for the permit.

Sincerely,

Gordon L. Deane
President
Scholl Canyon Landfill Gas Corporation
General Partner

cc: Kerry Morford, Steve Zurn
Jim Bier, SCS Field Services
Patrick Sullivan, SCS Engineers

12/16/94 15:18 ☎310 492 6210 SCS FIED SERV 001/003

4014 Long Beach Blvd., Third Floor
Long Beach, California 90807
310 492-6222
FAX 310 492-6210

SCS FIELD SERVICES

Engineering

DATE 12/

FROM - NA

JOI

TO - NA

CC

FA

PH

Greg Ahern

Your info.

Steve Zurn
PWA

c.c. Gordon Deane

ndale

7

CHECK ONE

___ NORMAL PROCESSING

___ CONFIDENTIAL

X CALL TO CONFIRM ON ARRIVAL
(310) 492-6222

___ MAIL

X RETURN TO ORIGINATOR

MESSAGE: Dear Kerry

Attached is the lab report indicating that the oil/grease detected is below to permitted 600 mg/l.

Porsuant to your verbal authorization, SCS-FS is proceeding with the disposal of 40,000 gallons of stored condensate.

We look forward to the resolution of a long term solution w/in the next few wks.

TOTAL PAGES (INCLUDING THIS COVER) 3

SCS ANALYTICAL LABORATORY

2860 WALNUT AVENUE
LONG BEACH, CALIFORNIA 90806
(310) 595-9324
FAX (310) 595-6709

SCS FIELD SERVICES
4014 Long Beach Blvd.
Long Beach, CA 90807

ATTN: Jim Bier

December 15, 1994

PROJECT NO.: 0694033.00
P.O. NO.: None
FOLDER NO.: 2662

Page 1 of 1

LABORATORY REPORT

Sample: One (1) water sample from Scholl Canyon Landfill, collected and received on 12/15/94. (Immediate Rush Analysis)

Sample ID	Oil & Grease (413.2) *
	mg/L
Scholl Canyon	416
Reporting Limit	20
Date Analyzed	12/15/94

* The analysis was performed at ATL.

Reviewed by

Approved by

S2662.rep

CITY OF Glendale CALIFORNIA

633 East Broadway, Room 101, Glendale, CA 91206-4399 • Tel: (818) 548-3200
Fax: (818) 548-3215

PERMIT
SERVICES
CENTER

FACSIMILE TRANSMITTAL

DATE: 12-6-94

TO: Gordon Deane

COMPANY: L.F.G.

SUBJECT: Activated Carbon Treatment Systems

FACSIMILE #

FROM: Greg Ahern
~~PERMIT SERVICES CENTER~~, PUBLIC WORKS DIVISION

TELEPHONE # (818) 548-3945

FACSIMILE # (818) 548-3215

TOTAL NUMBER OF PAGES YOU SHOULD RECEIVE INCLUDING THIS COVER SHEET: 10

COMMENTS:

Form GS/STD 917

CITY OF LOS ANGELES
DEPARTMENT OF GENERAL SERVICES
STANDARDS DIVISION
2319 DORRIS PLACE
LOS ANGELES, CA 90031
(213) 485-2242
FAX (213) 485-5075

Lab. Nos.: 97-000368
97-000369
Date Received: April 9, 1997
Date Reported: April 10, 1997

To: CAPT. AARON AUSTIN
ENVIRONMENTAL MANAGEMENT CENTER
CITY OF GLENDALE

Attn: GREG AHERN, Inspector
INDUSTRIAL WASTE PROGRAM

TEST REPORT

Two grab samples from Scholl Canyon Landfill were tested for flash point for the City of Glendale. Sample No. 97-000368 was collected from the sample spigot prior to pre-treatment at Scholl Canyon/SCS Engineers on April 9, 1997 at 1253 hours. Sample No. 97-000369 was collected from the sample spigot prior to pre-treatment at Scholl Canyon/LA County on April 9, 1997 at 1329 hours.

Both samples were collected by Greg Ahern and delivered to the laboratory on April 9, 1997 at 1405 hours by Greg Ahern and Doug Kitchen. Flash point analysis was performed in accordance with ASTM Method D93-90, "Standard Methods for Flash Point by Pensky-Martens Closed Tester".

Standards Division Sample !D#	Date Analyzed	Flash Point (°C)
97-000368	4/10/97	40
97-000369	4/10/97	No Flash (≥ 70)

Papkin K. Hovasapian, Director
General Services/Standards
PKH:KK:JB:ES:es

Recyclable and made from recycled waste

05/23/94

TEMPORARY PERMIT # W-3142

CITY OF GLENDALE
PERMIT SERVICES CENTER Receipt# 3609B020
633 East Broadway, Rm 101, Glendale, CA 91206-4390 Phone 548-3200

APPLICATION FOR INDUSTRIAL WASTE PERMIT

Business Name: Scholl Canyon Landfill Gas Limited Partnership

Business Owner: Gordon L Deane, President Phone: (818) 956-8123

Address of Installation: 3001 Scholl Canyon Road 91206

Mailing Address: Same

Type of Industry: Gas Production and Distribution SIC Code: 4922

Character of operation producing waste:

Landfill Condensate Gas to Energy Project

Types of chemicals, solvents, cleaning compounds, oils and other substances contained in liquid waste discharge:

Water, oil and trace organics

Approximate gallonage of waste liquids (3,300) per (24) hour day.

Additional information: Temporary permit for a period of 6 months. Permittee to implement a self-monitoring program (copy attached). Permittee shall install all required tanks, equipment and controls prior to start of Permanent Operations in 6 months. Existing 10 gpm air stripper.

Drivers License # 298501772-MA

Fee: $85.00 (Checks made payable to the City of Glendale.)

For further information, if necessary, call 548-3945.

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

AUTHORIZED SIGNATURE REQUIRED

1. Business Owner.
2. Corporate officer or designated employee with written authorization.
3. Managing partner.

Scholl Canyon Landfill Gas
(Firm Name)

(Applicants Signature)

Gordon L Deane, President
(Type or print name and title)

SELF-MONITORING REQUIREMENTS

The permittee shall monitor sampling point 01 for the following parameters, at the indicated frequency and by the indicated sample type:

Constituents	Units	Measurement Frequency	Sample Type
Flow	GPD	-------	Report
Arsenic	mg/l	1/3mos. [1]	Composite
Cadmium	mg/l	1/3mos. [1]	Composite
Copper	mg/l	1/3mos. [1]	Composite
Chromium(Total)	mg/l	1/3mos. [1]	Composite
Cyanide(Free)[5]	mg/l	1/3mos. [1]	Grab
Cyanide(Total)	mg/l	1/3mos. [1]	Grab
Nickel	mg/l	1/3mos. [1]	Composite
Lead	mg/l	1/3mos. [1]	Composite
Zinc	mg/l	1/3mos. [1]	Composite
Silver	mg/l	1/3mos. [1]	Composite
pH	S.U.	1/3mos. [1]	Grab
Dissolved Sulf.	mg/l	1/3mos. [1]	Grab
Oil & Grease	mg/l	1/3mos. [1]	Grab
Chlorides [3]	mg/l	1/3mos. [1]	Composite
TTO [4]	mg/l	1/3mos. [1]	Grab
BOD[3]	mg/l	1/3mos. [1]	Grab
COD[3]	mg/l	1/3mos. [1]	Composite
Suspended Solids	mg/l	1/3mos. [1]	Composite

FOOTNOTES TO MONITORING REQUIREMENTS

1. The sample shall be taken on a day when these substances are likely to be present in their maximum concentration.

2. Los Angeles County Sanitation District shall store all wastewater for a period of not less than 24 hours to allow SC-LP to collect a 24-hr composite sample and grab samples from its operation unaffected by their waste stream.

3. The City is in the process of establishing a database for these constituents.

4. Total Toxic Organics (TTO) shall be the summation of all quantifiable values greater than 0.01 milligrams per liter for the following toxic organics:

Acenaphthene
Acrolein
Acrylonitrile
Benzene
Benzidine
Carbon tetrachloride (tetrachloromethane)
Chlorobenzene
1,2,4-trichlorobenzene
Hexachlorobenzene
1,2-dichloroethane
1,1,1-trichloroethane
Hexachloroethane
1,1-dichloroethane
1,1,2-trichloroethane
1,1,2,2-tetrachloroethane
Chloroethane
Bis(2-chloroethyl) ether
2-chloroethyl vinylether(mixed)
2-chloronaphthalene
2,4,6-trichlorophenol
Parachlorometa cresol
Chloroform (trichloromethane)
2-chlorophenol
1,2-dichlorobenezene
1,3-dichlorobenzene
1,4-dichlorobenzene
3,3-dichlorobenzidine
1,1-dichloroethylene
1,2-trans-dichloroethylene
2,4-dichlorophenol
1,2-dichloropropane
1,3-dichloropropylene
2,4-dimethylphenol
2,4-dinitrotoluene
2,6-dinitrotoluene
1,2-diphenylhydrazine
Ethylbenzene
Fluoranthene
4-chlorophenyl phenyl ether
Indeno(1,2,3-cd)pyrene
Pyrene
Toluene
Trichloroethylene
Vinyl chloride
Aldrin
Dieldrin
Chlordane (technical mixtures and metabolites)
4,4-DDT
4-bromophenyl phenyl ether
Bis(2-chloroisopropyl)ether
Bis(2-chloroethoxy) methane
Methylene Chloride
Methyl Chloride
Methyl Bromide
Bromoform
Dichlorobromomethane
Chlorodibromomethane
Hexachlorobutadiene
Hexachlorocyclopentadiene
Isophorone
Naphthalene
Nitrobenzene
2-nitrophenol
4-nitrophenol
2,4-dinitrophenol
4,6-dinitro-o-cresol
N-nitrosodimethylamine
N-nitrosodiphenylamine
N-nitrosodi-n-propylamine
Pentachlorophenol
Phenol
Bis(2-ethylhexyl) phthalate
Butyl benzyl phthalate
Di-n-butyl phthalate
Di-n-octyl phthalate
Diethyl phthalate
Dimethyl phthalate
1,2-Benzanthracene
Benzo(a)pyrene
3,4-Benzofluorznthene
11,12-Benzofluoranthene
Chrysene
Acenaphthylene
Anthracene
1,12-Benzoperylene
Fluorene
Phenanthrene
1,2,5,6-Dibenzanthracene

4,4-DDE
Tetrachloroethylene
4,4-DDD
Alpha-endosulfan
Beta-endosulfan
Endosufan sulfate
Endrin
Endrin aldehyde
Heptachlor
Heptachlor epoxide
(BCH-hexachlorocyclohexane)
- Alpha-BHC
- Beta-BCH
- Gamma-BCH
- Delta-BCH

(PCB-polychlorinated biphenys)
- PCB-1242 (Arochlor 1242)
- PCB-1254 (Arochlor 1254)
- PCB-1221 (Arochlor 1221)
- PCB-1232 (Arochlor 1232)
- PCB-1248 (Arochlor 1248)
- PCB-1260 (Arochlor 1260)
- PCB-1016 (Arochlor 1016)

Toxaphene
2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)

5. Cyanide (Free) shall mean cyanide amenable to chlorination as defined by 40 CFR 136.

A. Monitoring and sampling shall be carried out during a period of normal operations.

B. All handling and preservation of collected samples and laboratory analyses of samples shall be performed in accordance with 40 CFR 136 and amendments thereto unless specified otherwise in the monitoring conditions of this permit. The collection, handling, storage and analyses of all samples taken for determination of the wastewater characteristics discharged shall be performed by independent laboratories certified by the State of California or approved by the Director of Public Works of the City of Glendale.

REPORTING REQUIREMENTS

A. Self-Monitoring

The permittee shall implement a self-monitoring program. Monitoring results obtained shall be summarized and reported on a periodic compliance report form and submitted by the 15th day of the month following the monitoring period. The reporting schedule is summarized as follows according to the industrial discharge in gallons per day (GPD):

DRAFT

CITY OF Glendale CALIFORNIA

Environmental Management Center
780 Flower Street, Glendale, CA 91201

(818) 548-4030

Fire Division
HAZARDOUS
MATERIALS
SECTION

January 7, 1998

Scholl Canyon LFG Limited Partnership
c/o Scholl Canyon Land Fill Gas Corporation
13 Elm Street, Suite 200
Cohasset, MA 02025

ATTENTION: Gordon L. Deane, President

SUBJECT: Termination of Discharge and Proper Disposal of Flammable Material

Dear Mr. Deane:

On January 5, 1998, two split samples of condensate wastewater from the subject facility were taken and analyzed for ignitability (Flash Point) by two different State certified laboratories. According to the Lab analysis results, one sample exhibited the characteristic of ignitability (Flash Point<140°F) and the other did not. It is our intention at this point to base our decision by relying on the conservative result in order to protect and prevent any potential harm to the environment.

The Glendale Municipal Code (GMC), Article V, Section 13.40.310 prohibits the discharge of flammable materials to the sanitary sewer. Additionally, a material with a Flash Point below 140°F is also classified as being hazardous waste in accordance with California Code of Regulations (CCR) Title 22, Section 66261.21.

You are required to terminate the discharge of wastewater that meets the above criteria to the sanitary sewer, including the collected condensate wastewater in 10,000 gallons storage tanks.

In March and April of 1997, samples of condensate prior to its treatment also exhibited the characteristic of ignitability. In accordance with CCR, Title 22 any process treating waste with this characteristic must be performed under a Tiered Permit issued by this office.

PRINTED ON RECYCLED PAPER

Environmental Consultants

3711 Long Beach Boulevard
Ninth Floor
Long Beach, CA 90807-3315

562 426-9544
FAX 562 427-0805
http://www.scseng.com

SCS ENGINEERS

January 29, 1998
File No. 0196115.04

Mr. David D. Starr
Fire Marshall
City of Glendale Fire Department
Hazardous Materials Section
780 Flower Street
Glendale, California 91201

SUBJECT: TERMINATION OF DISCHARGE ORDER, SCHOLL CANYON LANDFILL GAS LIMITED PARTNERSHIP, 3001 SCHOLL CANYON ROAD, GLENDALE, CALIFORNIA

Dear Mr. Starr:

The Scholl Canyon Landfill Gas Limited Partnership (SC-LP) was recently issued a Termination of Discharge Order (TDO, dated January 14, 1998) for violation of its effluent limitations for ignitability (Flash Point), which occurred during discharge batch sampling on January 5, 1998. In addition, according to the January 14, 1998 letter, samples collected in March and April 1997, by the City of Glendale Fire Department (GFD) of condensate prior to its treatment also exhibited the characteristic of ignitability. In accordance with CCR Title 22, the onsite treatment of waste with this characteristic must be performed under a Tiered Permit issued by the GFD.

In accordance with the January 14, 1998 letter, SCS Engineers (SCS) has prepared the proper Tiered Permitting forms and this response to the TDO on behalf of the SC-LP.

CONDENSATE SAMPLING

In October 1997, SCS Engineers was retained by Bernstein, Cushner, and Kimmell, legal counsel for SC-LP, to collect and analyze several samples of landfill gas (LFG) condensate contained in various vessels at the Scholl Canyon LFG compression station. Although the results of this sampling are privileged and confidential, and constitute attorney-client work product, the results of the sampling are being provided to the GFD as requested, with the understanding that the provision of this data is not intended to be and shall not be construed as a waiver of any applicable privilege. A summary of the analytical results is shown on Table 1, Attachment A. Copies of the laboratory reports and chain-of-custody documentation are also enclosed.

As shown in Table 1, the flash point for the vessels analyzed ranged from 85 to 130 degrees Fahrenheit, with pH ranging from 3.06 to 7.57. Based on these results, the condensate in all of the vessels analyzed failed the flash point test for ignitability (flash point $< 140°$ Fahrenheit), and is, therefore, an ignitable hazardous waste in accordance with CCR Title 22 and Federal Resource Conservation and Recovery Act (RCRA) regulations.

2.

3. Of special note is the fact that the condensate failed the flash point test in the inlet separator (i.e., prior to passing through the SC-LP compressors); therefore, the condensate is hazardous prior to it being received by SC-LP.

4. As such, the new condensate treatment system currently being installed at the Scholl Canyon LFG compression station must be regulated as a fixed treatment unit (FTU) and requires a permit under the State of California's tiered permitting program, which is administered by the California Environmental Protection Agency, Department of Toxic Substances Control (DTSC), through the GFD.

cc:

TIERED PERMITTING

The tiered permitting program was created and enacted through the Wright-Polanco-Lempert Hazardous Waste Treatment Permit Reform Act of 1992 (AB 1772), which was codified into the CCR, Title 22, Section 66270.10, et. seq. AB 1772 established five tiers of authorization for the treatment of hazardous waste. Under this permitting structure, the lower three tiers apply to the on-site treatment of hazardous waste, which was also generated on-site. The remaining two tiers deal with off-site treatment of hazardous waste or higher risk on-site treatment.

In order to determine the appropriate tier for the on-site treatment of the hazardous waste generated at the Scholl Canyon LFG compression station, SCS referenced the "1996 Onsite Tiered Permitting Flowchart," published by DTSC, February 15, 1996 (DTSC Flowchart, 1996). Using this flowchart as a guide, the permitting tier which governs on-site hazardous waste treatment at the Scholl Canyon LFG compression stations was identified. This process included the identification of the affected wastestream and treatment technology. Once the permitting tier had been preliminarily determined, the summary criteria for the identified tier was evaluated. This process is detailed in the following sections.

Identification of Wastestream

The hazardous wastestream within the Scholl Canyon LFG compression station is the oil-water mixture that forms as a result of the compression of the LFG which is sent to the compression station from the Scholl Canyon Landfill. This oil-water mixture was what was tested by both SCS and GFD, with resulting flash point test failure.

Identification of Treatment Technology

The new condensate treatment system being built at the Scholl Canyon LFG compression station consists of the in-line phase separation of the oil and water in the condensate via gravity settling and the use of flocculants and demulsifiers.

DATE 29 January, 1998

'teve Zurn, Senior Executive Assistant, Public Works

vid Starr, Fire Marshal

TO Cap

FROM

Per
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foll

2

3 **Preliminary Identification of Permitting Tier**

Following the 1996 flowchart guide, for oil mixed with water treated using phase separation, the identified permitting tier is Conditional Exemption for Specified Wastestreams (CESW) (Chart 10b, page 8, DTSC Flowchart, 1996).

4.

Evaluation of CESW Summary Criteria

cc: According to Appendix I of the 1996 DTSC Flowchart, in order to operate under conditional exemption for a specified wastestream, the treatment operation in question must meet the following criteria:

- Treatment is exempt from a RCRA permit requirement.
- Wastes are generated on the site where they are being treated.
- The wastestream is eligible for conditional exemption as a specified wastestream according to DTSC.
- The treatment process is specified for the specific wastestream being treated.
- The waste is not treated in :
  - Landfills.
  - Surface Impoundments
  - Injection Wells
  - Waste Piles
  - Land Treatment Units
  - Thermal Destruction Units

RCRA Exemption –

There are two reasons that the oil-water mixture generated from the LFG compression process is exempt from a RCRA permit requirement. First, the wastestream that is produced in the LFG compression station is generated in a manufacturing process unit, thereby it is exempted from RCRA classification according to 40 CFR 261.4(c) and CCR Title 22 CCR 66261.4(c).

> *(c) hazardous wastes which are exempted from certain regulations. A hazardous waste which is generated in a product or raw material storage tank, a product or raw material transport vehicle or vessel, a product or raw material pipeline, on in a manufacturing process unit or and associated non-waste-treatment-manufacturing unit, is not subject to regulation under this division or to the notification requirements of Health and Safety Code section 25153.6 until it exits the unit in which it was generated, unless the unit is a surface impoundment, or unless the hazardous waste remains in the unit more than 90 days after the unit ceases to be operated for manufacturing, or for storage or transportation product or raw materials;*
>
> Title 22, CCR, Section 66261.4

Steve Zurn, Senior Executive Assistant, Public Works

David Starr, Fire Marshal

This regulation is intended to exempt from regulation wastes that are generated within a manufacturing process – at least until they are removed from that process. This regulation is taken verbatim from a federal regulation codified at 40 CFR 261.4(c). The authors of the federal regulation explained its purpose in a document published in the Federal Register, as 45 Federal Register 72024 (October 30, 1980). To avoid having the RCRA regulations reach so far back into the manufacturing process, the EPA carved out this exemption for wastes that are generated within a manufacturing unit. The rationale for this exemption is that manufacturing units are "designed and operated to hold valuable products or raw materials in storage or transportation or during manufacturing," and are therefore, "capable of holding, and are typically operated to hold, the hazardous wastes which are generated in them until the wastes are purposefully removed." As examples of such operations for which this exemption applies, the EPA identified "distillation columns, flotation units, and discharge trays or screens" as well as "non-waste treatment process units such as cooling towers."

Like examples cited by the EPA, the compressor stations are designed to hold a valuable product during manufacturing (i.e. landfill gas) and are capable of holding waste during the process (i.e. the condensate). In addition, the compressor stations are functionally analogous to the examples cited by the EPA, particularly the distillation columns and cooling towers. Thus, this exemption applies to the compressor stations.

However, even after this material exits from the manufacturing process, it is still exempt from RCRA. This is because the waste generated on-site is treated in wastewater treatment units and is discharged to a publicly owned treatment works (POTW). The definition of a wastewater treatment unit is presented in 40 CFR 260.10 and this exclusion is referenced in 40 CFR 264.1(g)(6) and 40 CFR 270.2.

Wastes Generated On-Site –

As mentioned above, the hazardous waste generated at the Scholl Canyon LFG compression facility is an oil-water mixture formed as a result of the compression of the LFG which is sent through compressors at the LFG compression station. Once the condensate generated in the compressor station exits the compressors, it is piped directly into the on-site treatment facility. Therefore, the waste is treated on-site.

Wastestream Eligibility –

A wastestream is eligible for conditional exemption if it meets the criteria set forth in the California Health and Safety Code (CHSC), Section 25201.5(c). For the oil-water mixture generated by the compressor station, CHSC Section 25201.5(c)(7) applies:

> *(c) Notwithstanding any other provision of law, a hazardous waste facilities permit or other grant of authorization is not required to conduct the following treatment activities, if the generator treats the following hazardous waste streams using the treatment technology required by this subdivision:*
>
> CHSC, Section 25201.5(c)

> *(7) Except as provided for specific waste streams in Section 25200.3, the generator conducts the separation by gravity of the following, if the activity is conducted in impervious tanks or containers constructed of non-corrosive materials, the activity does not involve the addition of heat or other form of treatment, or the addition of chemicals other than flocculants and demulsifiers, and the activity is managed in compliance with applicable requirements of federal, state, or local agency or treatment works:*
>
> *(a) The settling of solids from waste where the resulting aqueous waste stream is non-hazardous.*
>
> *(b) The separation of oil/water mixtures and separation sludges, if the average oil recovered per month is less than 25 barrels.*
>
> CHSC, Section 25201.5(c)(7)

Once the new treatment system is operational, SC-LP fully expects that that the aqueous waste stream produced from the oil/water separation will be non-hazardous, and that the average oil recovered from the oil/water separation process is less that 25 barrels (1,050 gallons) per month. SC-LP will implement a monitoring and sampling program to confirm this. In addition, the treatment process will be conducted in impervious tanks or containers, and does not involve the addition of heat or other forms of treatment other than flocculants and/or demulsifiers.

Specified Treatment Process –

The treatment process SC-LP has designed for an oil-water mixture is the phase separation of the oil-water mixture using an oil-water separator. This constitutes a specified treatment process that is specific to the wastestream being treated.

Treatment Limitations –

The hazardous waste subject to the CESW will not be treated in any of the facilities or devices referenced above. The aqueous waste stream produced from the oil-water separation will be discharged under an industrial wastewater discharge permit (W-3142), and the waste oil produced from the separation will be sent to an authorized recycling facility.

Fire Marshal

Notification Submittal

Enclosed as Attachment B, please find a copy of the On-Site Hazardous Waste Treatment Notification form (DTSC form 1772) as well as the Conditionally Exempt - Specified Wastestreams Unit Specific Notification form (DTSC form 1772B), along with all appropriate attachments with the exception of the facility map and plot plan. This plan has already been submitted to the OFD.

For purposes of DTSC form 1772, Treatment Unit 1 consists of the oil-water separation components of the new condensate treatment system. These components include the Dissolved Air Flotation unit, Oil-Water Separator, Pump-Out, Recycle, Waste Oil, and Sludge Tanks.

Please address any questions or comments related to this submittal to our office.

Sincerely,

Ray Huff, R.E.A.
Project Scientist
SCS ENGINEERS

Attachments

cc: Gordon Deane, Scholl Canyon Landfill Gas Limited Partnership
Ken Kimmell, Bernstein, Gushman, and Kimmell
Pat Sullivan, SCS Engineers
Steve Zurn, City of Glendale Public Works
Jake Amar, City of Glendale Public Works

April 20, 1998

To: Captain Indermill

From: Inspectors, Ahern and Kitchen

Subject: Scholl Canyon LFG

Per your request here is a list of concerns regarding the new treatment facility for your meeting that is scheduled for today with the third party consultant. Note that this list may not be all inclusive.

SCHOLL CANYON LANDFILL GAS TO ENERGY LIMITED PARTNERSHIP
AREAS OF CONCERN FOR NEW WASTEWATER TREATMENT PLANT

1. Health Effects, (Headaches, skin irritation, corrosive characteristics-burning of skin).
2. Toxicity, (Identification of all constituents that make up this wastestream).
3. Flash Point (Through out the system).
4. Odor Control, (Eliminate all odors downstream of treatment plant).
5. pH, (Continuous monitoring of pH with automatic discharge shutoff and alarm).
6. Oil Removal, (How will waste from oil removal be handled?)
7. Dissolved Sulfides, (Chlorination for this constituent may result in the formation of chloroform. How will this be dealt with ?).
8. Total Toxic Organics, (See Dissolved Sulfides).
9. Sludge Storage and Possible Filter Press Addition, (How will Sludge be stored and disposed of ?). HAZWASTE?
10. Separation and Containment of Incompatible Materials, (How will incompatibles be stored ?).
11. Vents from all Tanks, Containers, Drums and Pressurized Treatment Units, (May off gas Flammable Vapors. How will this be dealt with ?).
12. Spill Prevention Control and Countermeasures Plan, (Shall be Site Specific!).
13. Maintenance and Operational Manuals and Logs, (Copies of manuals to be provided to this office and manuals and logs to be maintained on site.).

SCHEDULE

EMCON staff will review available plans and laboratory results prior to our site visit. It is proposed that the site visit be performed within the first two weeks of May. A detailed proposal will be submitted and a meeting between involved parties will be held within the last two weeks of May. Meanwhile, depending on the availability of revised plans referred to in Item #2, a review of the system will be performed.

Please call me if you have any questions. EMCON Senior Engineer, Stan Strong, will be available to work on this project beginning May 4th. I will make arrangements early next week with EMCON personnel, the Fire Department and Jake Amar to visit Scholl Canyon Landfill.

Sincerely,

Vicki Castle
Area Manager

Encl: Letter from City of Glendale - Fire Department
dated January 7, 1998

cc: Vasken Demirjian, Hazardous Materials Supervisor,
City of Glendale
Eric Indermill, Fire Captain, City of Glendale
Stan Strong, EMCON-San Jose

CITY OF Glendale CALIFORNIA

Environmental Management Center
780 Flower Street, Glendale, CA 91201

(818) 548-4030

Fire Division
HAZARDOUS
MATERIALS
SECTION

November 16, 1998

CERTIFIED MAIL
Return Receipt Requested

Scholl Canyon LFG Limited Partnership
c/o Scholl Canyon Landfill Gas Corporation
13 Elm Street, Suite 200
Cohasset, MA 02025

Attention: Gordon L. Deane, President

Subject: Untreated Waste Condensate Spill/Unauthorized Release
3001 Scholl Canyon Road

Gentlemen:

On Oct. 21, 1998, at approximately 2:30 p.m. an incident occurred at the waste condensate storage tanks during a transfer of untreated waste condensate (condensate) from the storage tanks to an Asbury Environmental vacuum truck, resulting in the release of approximately 5,000 gallons of condensate. Although, this area is provided with an earthen berm equipped with a plastic liner as secondary containment, an uncontrolled release of condensate did occur by means of a large crack in the earthen berm. It is important to note that there were no SCS Field Services personnel supervising this transferring operation or on site at the time of the incident. Consequently, it was necessary for the operator of the vacuum truck to notify Los Angeles County Sanitation District (LACSD) staff onsite with regards to this incident. LACSD personnel in turn notified Glendale Public Works Engineering about the incident.

This office received a call from Jake Amar at 3:10 pm requesting that Inspector Ahern respond to Scholl Canyon Landfill as a result of this incident. Captain Indermill and Inspector Ahern arrived at the spill location at about 3:35 p.m. and met with Jake Amar, Glendale Public Works and Matt Zuro, Marty Zimlock both of LACSD. LACSD personnel had filled in the crack in the earthen berm to prevent any further release of condensate outside of the secondary containment. At this time there was about 1'-2' of free condensate inside of the secondary containment area, with condensate continuing to drain from one of the 10,000 gallon storage tanks through broken piping. Prior to the arrival of Captain Indermill and Inspector Ahern LACSD personnel closed the valves to isolate the leaking tank.

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Brad Everett of SCS joined the above meeting at about 4:00 p.m. . At this meeting it was agreed that all free liquid would be removed, a deodorized would be put down and a plastic cover put over the spill area to minimize the odor problem for the night. Additionally, that additional cleanup would be done starting early the next morning. i.e. removal of storage tanks (unstable), cleanup of soil . . . etc.

Meeting Oct. 22, 1998, at approximately 3:30 p.m. Scholl Canyon Landfill, SCS Trailer. Greg Ahern and Vasken Demirjian, Glendale Fire, Jake Amar, Public Works Engineering and Ken Ayster of SCS Field Services. At this meeting it was clarified that as a CUPA the Fire Dept. was the responsible regulatory agency for this incident. It was further understood that your contractor, SCS Field Services was to submit a work plan to this office to determine the lateral and vertical extent of contamination that occurred as result of this unauthorized release. Additionally, that a detail letter of explanation as to the cause of the incident must be submitted to this office. It is recommended that all cleanup work be completed prior to the start of the rainy season in order to prevent further migration of contamination.

As of this date no work plan or letter of explanation has been received by this office. It is necessary that a work plan and letter of explanation be submitted to this office by November 30,1998.

Very truly yours,

Gregory P. Ahern, Sr.
Inspector

cc: Jake Amar, P.W. Engineering
Ken Ayster, SCS Field Services
Fire Marshal David Starr
Captain Eric Indermill

Z-7

TO B

FROM

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hazard

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2.
3.
4.
5.
6.

562 426-9544

4014 Long Beach Blvd., T Floor
Long Beach, CA 90807

562 492-6222
FAX 562 492-6210

SCS FIELD SERVICES, INC.

SENT VIA FAX 9/24/98

September 24, 1998
File Nos. 0789033.01
0794021.04

FILE

Ms. Vicki Castle
Area Manager
Emcon/OWT
15255 Alton Parkway, Suite 100
Irvine, California 92718
FAX (949) 450-0524

Subject: Condensate Pretreatment System at the Scholl Canyon Landfill Gas Processing Facility, Glendale, California

Dear Ms. Castle:

Confirming our telephone conversation this date, SCS has provided you with all the information requested in your letter dated May 21, 1998. At this time, no additional information is required from SCS. We will await instructions from the City of Glendale if anything further is required.

Should you have any questions, do not hesitate to contact the undersigned.

Very truly yours,

Ken Ayster
Regional Manager
SCS FIELD SERVICES, INC.

KA:vlf
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cc: Patrick Sullivan, SCS Engineers
Jake Amar, City of Glendale Public Works Department
David Marques
Gordon Deane, SC-LP
Eric Indermill, Fire Captain, City of Glendale
Vasken Demijian, Hazardous Materials Supervisor, City of Glendale

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T-17
T-18
GAC Units
SAMPLING STATION

[Revised 3/24/99]

INVIROTREAT INC.
INNOVATIVE TREATMENT

SCS FIELD SERVICES
LONG BEACH CA

CONDENSATE TREATMENT PLANT
RECORD DRAWINGS
MECHANICAL PLAN

SCHOLL CANYON LANDFILL
CITY OF GLENDALE

DRAWN BY	CHECKED BY	APP'D BY	SCALE
AL	AL	KA	NOT TO SCALE

DRAWING No
M-3

Z-7

CITY OF GLENDALE

INTERDEPARTMENTAL COMMUNICATION

DATE July 29, 1999

TO David Starr, Fire Marshal

FROM Eric Indermill, Captain ES T

SUBJECT Scholl Canyon Landfill Gas

As you know the Landfill Gas Recovery plant located at Scholl Canyon has been revamping since early in 1997. The changes at the plant are required to meet Industrial Waste and Hazardous Waste standards for the liquid produced as a byproduct of the gas recovery process. The condensate is produced as the landfill gas is compressed prior to resale back to Glendale Public Service. The Fire Department has been involved in the Industrial and Hazardous Waste areas as well addressing fire and life safety concerns at the facility. The Public Works Division has been very involved because they are part owners of the plant and have additional financial responsibilities associated with the cost of "treating" the landfill gas before and after it is collected. The plant is currently operating under a temporary permit, issued by the Fire Department, pending acceptance of a third party review of the plant.

The plant has been evolving since its start up as the operators have tried several configurations and technologies to meet Federal, State and Local discharge standards for the waste that is dumped to sewers. It has been common for the construction at this site to start before Industrial Waste plan check was completed. That was the case with the most recent improvements. In December of 1998 the plant operators (and our inspectors) collected several samples of the effluent that exceeded the standard for flammability. We also learned from the operators that there had been a flash fire at the facility during 1998. The exact time and circumstances are not known. We decided to let the gas recovery plant operate as is, but the effluent must not be dumped to the sewer until the nature of the effluent and the adequacy and safety of the treatment plant were evaluated by a qualified third party. Public Works was to hire a consultant with appropriate expertise that was acceptable to all parties (Public Works, Gas plant operator, LA Co Sanitation and Fire). OWT-EMCON was selected and in May they provided us with a report. The report addresses the issues we identified but we do not feel it addresses all of them adequately.

The report states that the products being treated and produced by the Gas Recovery plant are variable because of the many factors that affect landfill gas production. EMCON feels that the plant as designed will adequately treat the condensate to meet all applicable standards for discharge to the sewer. They also feel that the condensate should not be considered as a flammable liquid because it consists mostly of water with minor amounts of contaminants.

However some of those contaminants do produce flammable vapors and it is possible for these vapors to collect in the tanks and reach flammable concentrations. Therefore, EMCON recommends that the plant not be designed for handling flammable liquids, and no ignition sources be introduced into the tanks in question.

In our response to the report we required the following:

1. Since procedural, rather than engineering controls are going to be the key to safe operation we would like EMCON to review the Operations and Safety Plans for the facility.
   a. Operations and Safety Plans shall include but not be limited to the following:
      i. Designate individuals responsible for safety, such as Safety director, safety team members, etc.
      ii. Requirements for regular internal safety audits, with documentation kept on the site.
      iii. Training for all employees upon hire, and regular periodic follow-up training for all employees.
      iv. Provisions for training records to be established and maintained on file.
      v. A regular maintenance and calibration schedule shall be established based upon the manufacturers' specifications and recommendations for the pretreatment equipment, ORP and pH probes and combustible gas monitoring equipment.
      vi. Contingency plans to address all potential events at the plant with SOPs to address each event, including routine maintenance procedures, confined space entry procedures, Preventive Maintenance procedures, SOPs for actions to take when any of the various required tests come back with positive abnormal results (including the carbon canister 1000 ppm screening tests, discharge tests, LEL- discharge monitoring, etc.)

   b. EMCON shall verify that the items identified on the General Safety Assessment report dated October 23, 1998 have been corrected.

2. Provide revised piping plans to indicate that the Air Stripper is bypassed and only used as a polishing unit when necessary.

3. As discussed in EMCON's Recommendation 2, page 5, if the carbon canisters are subjected to flows with greater than 1000 ppm of Volatile Organic Compounds (VOCs) there is a possibility of spontaneous combustion in the canisters. The air flow into the carbon canisters shall be tested during the initial phase of system start up to determine the concentration of VOC's entering the canisters. If concentrations above 1,000 ppm are found, that portion of the system will be evaluated by a third party with appropriate expertise, preferably Dr. Jim Graham, per EMCON's recommendations.

After the August meeting was scheduled, I met with Steve Zorn and Jake Amar of Public Works regarding another matter. They explained that EMCON estimates it will take several weeks to several months and more than $10,000 to perform the kind of safety review we requested. I asked them to investigate alternatives that would meet our intent and be less costly. I have had no further discussions with them, EMCON or the plant operators.

CITY OF **Glendale** CALIFORNIA

Environmental Management Center
780 Flower Street, Glendale, CA 91201
(818) 548-4030

Fire Division
HAZARDOUS
MATERIALS
SECTION

June 28, 1999

Vicky Castle
EMCON/OWT
15255 Alton Parkway, Suite 100
Irvine, California 92718
FAX (714) 450-0524

Dear Vicky:

This letter is a summary of the key points covered in the phone conference held last week with you, Stan Strong, Jeff Halpert, Greg Ahern and myself to review the engineering report dated May 27, 1999.

The report recommends that land fill gas (LFG) condensate should not be classified as a flammable or combustible liquid although there is a potential for ignitable vapor-air mixtures in spaces above the liquid surface in storage or process tanks. We understand EMCON's position to be that the system design does not need to address the hazards associated with Flammable or Combustible liquids because the condensate will not be able to sustain combustion. However, as Stan stated, the contents of the vapor spaces in the pretreatment system should always be treated as if they could be flammable. This is the reason you feel the equivalency clause (NFPA30, section 1-4.2) is applicable. Our acceptance of the equivalency shall be based on the following items.

1. We understand that, in EMCON's opinion, the system does not present the possibility of a flash fire or explosion during normal operation. However, a flash fire or explosion could occur during improper maintenance of the system components, for example, introducing an ignition source while opening one of the tanks.

2. Since procedural, rather than engineering controls are going to be the key to safe operation we would like EMCON to review the Operations and Safety Plans for the facility.
   a. Operations and Safety Plans shall include but not be limited to the following:
      i. Designate individuals responsible for safety, such as Safety director, safety team members, etc.
      ii. Requirements for regular internal safety audits, with documentation kept on the site.

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iii. Training for all employees upon hire, and regular periodic follow-up training for all employees.

iv. Provisions for training records to be established and maintained on file.

v. A regular maintenance and calibration schedule shall be established based upon the manufacturers' specifications and recommendations for the pretreatment equipment, ORP and pH probes and combustible gas monitoring equipment.

vi. Contingency plans to address all potential events at the plant with SOPs to address each event, including routine maintenance procedures, confined space entry procedures, Preventive Maintenance procedures, SOPs for actions to take when any of the various required tests come back with positive abnormal results (including the carbon canister 1000 ppm screening tests, discharge tests, LEL- discharge monitoring, etc.)

b EMCON shall verify that the items identified on the General Safety Assessment report dated October 23, 1998 have been corrected.

3. Provide revised piping plans to indicate that the Air Stripper is bypassed and only used as a polishing unit when necessary.

4. As discussed in EMCON's Recommendation 2, page 5, if the carbon canisters are subjected to flows with greater than 1000 ppm of Volatile Organic Compounds (VOCs) there is a possibility of spontaneous combustion in the canisters. The air flow into the carbon canisters shall be tested during the initial phase of system start up to determine the concentration of VOC's entering the canisters. If concentrations above 1,000 ppm are found, that portion of the system will be evaluated by a third party with appropriate expertise, preferably, Dr. Jim Graham, per EMCON's recommendations.

It is EMCON's opinion that the plant will, if properly run, "sufficiently treat the raw condensate to such a degree as to render it acceptable under the requirements of the discharge permit." The specific requirements of the Industrial Waste Permit have been presented to, discussed with, SCS, and most of them were provided to EMCON by SCS on May 27, 1998. They are outside of the scope of the review by EMCON, but they must be met prior to granting the permit. See Attachment 1.

EMCON
1921 Ringwood Avenue • San Jose, California 95131-1721 • **(408) 453-7300** • Fax (408) 437-9526

April 1, 1999
Project 0126-029.001

Mr. Eric Indermill
City of Glendale Fire Department
Environmental Management Center
780 Flower Street
Glendale, California 91201

Re: Engineering Review of Condensate Pretreatment System, Scholl Canyon Landfill Gas Processing Facility, Glendale, California

Dear Mr. Indermill:

On behalf of City of Glendale, Public Works Department, this letter report is presented in response to the request by the City of Glendale Fire Department (GFD) for a third party technical review of the proposed condensate pretreatment system at the Scholl Canyon Landfill. In a plan review dated January 7, 1998, the GFD Fire Prevention Bureau, Permit Services Center delineated some concerns regarding the proposed pretreatment system. This report is intended to provide a review of the proposed design and to address those concerns.

ENGINEERING REVIEW COMMENTS

Origin and Nature of Landfill Gas Condensate

Landfill gas (LFG) condensate is an unwanted but necessary by-product of any LFG collection system. Condensate is collected through traps at low points in the LFG piping, in knockouts upstream of equipment, such as blowers and compressors. Additional condensate is formed and collected downstream of any compression process, which is the case at Scholl Canyon. LFG condensate typically consists of water with a small amount of hydrocarbons and organics such as acetone and methyl ethyl ketone. The condensate at Scholl Canyon also contains a small amount of compressor lubricating oil due to compressor leakage or blowby. LFG condensate typically exhibits a low pH, and has a foul odor. In the past, raw, untreated LFG condensate was typically disposed by reinjection back into the landfill. In recent years, however, regulations have evolved which no longer allow this practice.

Specific Items in Reference 1 (GFD Plan Review Letter)

Item #1

Flash point of the condensate is one of the primary issues associated with the proposed pretreatment system. There are two areas of concern regarding flash point: (1) the design and construction of the condensate pretreatment system must comply with NFPA 30 (2) the discharge permit requires that the flash point of the discharged condensate must not be less than 140^0 F.

NFPA 30 defines various classes of flammable and combustible liquids as follows: A flammable liquid has a closed cup flash point less than 100^0 F with a vapor pressure not more than 40 psia at 100^0 F. A flammable liquid is a Class I liquid. A combustible liquid has a closed cup flash point equal to or greater than 100^0 F. and may be Class II (flash point equal to or greater than 100^0 and less than 140^0), Class IIIA (flash point equal to or greater than 140^0 and less than 200^0), or Class IIIB (flash point equal to or greater than 200^0 F).

For the most part, closed cup flash point tests of the Scholl Canyon LFG condensate have resulted in flash points above 200^0 F. There have been occasions in the past, however, and may be again in the future, when test results have exhibited lower flash points, some as low as < 100^0 F. Such test results would therefore, by definition, classify the condensate as a combustible or even flammable liquid, depending on the actual flash point. It is EMCON's recommendation, however, that GFD use its authority as allowed in NFPA 30 1-4.2 to consider the condensate as non-flammable and non-combustible for the following reason: It is the small fractions of dissolved hydrocarbons that cause LFG condensate to sometimes exhibit a low closed cup flash point. The liquid itself will not sustain burning. Such liquids are addressed in NFPA 30 A-1-7.2. This section of the code also names a test for identifying such a liquid, ASTM D 4206 *Standard Test Method for Sustained Burning of Liquid Mixtures Using the Small Scale Open-Cup Apparatus*.

Although it is recommended that the LFG condensate not be classified as a flammable or combustible liquid, consideration must be given to potential ignitable vapor-air mixtures that may occur in a confined space (such as the volume above the liquid surface in a storage or process tank).

EMCON reviewed the condensate pretreatment system design information in the context of NFPA 30. Three main areas were addressed: tanks, piping, and electrical equipment.

Tanks. Tanks T1, T2, and T3 in the pretreatment system are each 4,000-gallon capacity of HDPE material (Reference 11, Drawing M-1). These tanks have the potential to contain untreated condensate, which may be of a corrosive nature. HDPE is the preferable

engineering choice of material for these tanks. The remaining process tanks appear to be constructed of appropriate materials.

Piping, Valves, and Fittings. PVC is an acceptable engineering choice of materials for piping, valves, and fittings containing LFG condensate.

Electrical Equipment. None of the electrical equipment or components in the pretreatment system are rated for use in classified areas. Upon review of references 7 and 9 and understanding the nature of LFG condensate, it is concluded that classifying the treatment system as a hazardous area is not warranted. Therefore, the existing electrical components are acceptable for use in the system. Note, however, that the potential exists for an ignitable vapor-air mixture to be present in the tank volume above the liquid level. This potential has the highest probability in Tanks T1, T2, T3, and the oil/water separator. Electrical components must never be placed within a tank head space unless such components are rated for use in classified areas.

Item #2.a Flammability Throughout the Process

As discussed above, the LFG condensate should not be classified as a flammable or combustible liquid. A review of the Material Safety Data Sheets for process chemicals attached to Reference 2 reveals no flammable liquids. Therefore handling, processing, treatment, etc. of flammable liquids is not an issue at this time.

Item #2.b. Sulfides Pretreatment

A chlorine injection system is incorporated into the system design for the pretreatment of dissolved sulfides as described in Reference 2, page 2. This is a recognized and accepted process for the removal of dissolved sulfides. Although sufficient operating data was not available for the reviewer to verify the effectiveness of the system for the removal of dissolved sulfides during the initial checkout period, it is anticipated that test results of final effluent will show levels of dissolved sulfides well below that which is allowed by the discharge permit.

Item #2.c. Oil and Grease Extraction, Processing, and Disposal

The system incorporates an oil-water separator to remove floatable oil and grease from the condensate, and a dissolved air floatation (DAF) unit to remove treated oil and grease. These system components are described in Reference 2. page 2. As documented in References 3 and 4, startup trials of the system have demonstrated that initially high concentrations of oil and grease are effectively reduced to levels well below the discharge requirements.

In regard to disposal, Drawing M6 (Reference 5) indicates that oil and grease from the oil-water separator is collected in T-22, which is labeled "Recycled Oil Tank." This implies that collected oil will be recycled. Sludge from the DAF unit is collected in Tank T-21. Drawing M4 indicates that the contents of Tanks T-21 and T-22 are to be hauled off site.

Item #2.d. Odor Elimination

A review of Reference 5 project drawings reveals that the process tanks and vessels are currently vented to atmosphere through a carbon canister. This is an effective means of odor control. (Please refer to the safety concern in item 2, Conclusions and Recommendations, shown below.) The design drawings also indicate that a deodorizer is injected into the final effluent tank prior to final discharge of the treated condensate.

Item #2.e. Secondary Containment

Multiple tanks in a common containment require that the containment volume be the larger of 150% of the largest tank of 10% of the total tank volumes. In addition, additional containment height must be provided to accommodate rainfall from a 24-hour 25-year storm. For this system, 150% of the largest tank volume is the governing factor. Therefore the containment volume must be 150% of 4,000 gallons, or 6,000 gallons plus the rainfall allowance. Drawing M-1, Ref. 11, gives the plan dimensions (31'-0" x 34'-5") and curb height (24") of the concrete containment. This volume is much more than the required containment volume.

Item #2.f. Placarding and Signage

See General Safety Assessment report dated October 23, 1998, attached.

Project Drawings

Initially, EMCON reviewed the project drawings listed in Ref. 6. Comments pertaining to those drawings have been deleted from this report, as the Record Drawings listed in Ref. 11 have replaced the original design drawings

CONCLUSION AND RECOMMENDATIONS

It is EMCON's conclusion that the Scholl Canyon LFG condensate treatment system, properly operated, will sufficiently treat the raw condensate to such degree as to render it

acceptable under the requirements of the discharge permit However, in the interest of safety and regulatory compliance, the following actions are recommended:

1. Take samples of the incoming raw condensate on a monthly basis and have those samples tested for closed cup flash point. If and when any flash point test results are below 200^0 F, then that same or duplicate sample should be tested in accordance with ASTM D 4206 *Standard Test Method for Sustained Burning of Liquid Mixtures Using the Small Scale Open-Cup Apparatus.* Once this test has been performed on low-flash-point condensate to verify that the liquid will not sustain burning, then no further testing of the incoming condensate should be required.

2. There is a concern regarding the possibility of spontaneous combustion in the odor control carbon canister. In the worst case scenario, if an ignitable vapor-air mixture existed in the head space of one or more tanks, combustion in the carbon bed could backflash to the tank(s). It is recommended that a determination be made of the probability of carbon combustion in this application. In order to do so, an analysis should be made of the vapors from the tank vents going to the carbon canister. In general, a concentration of volatile organic compounds (VOCs) at or above 1,000 parts per million would be a cause for concern. Once the vapor analysis results are obtained, if assistance is required in the evaluation of this risk it is suggested that a competent authority be consulted (e.g. Dr. Jim Graham, U.S. Filter/Westates, LA office, 800-659-1771).

3. Provide documentation to verify proper placarding and signage is in place within and around the treatment system. In addition to signage required for health and safety, this should include labeling of all tanks, and contents and flow direction of piping.

Although not required for compliance with NFPA 30 or other codes, the following additional items are recommended:

- Paint PVC piping and components for ultra violet (UV) protection.

REFERENCES

EMCON had available the following reference documents to aid in this review:

1. Plan Review for Industrial Waste Treatment System, Plan Check No. 10339, dated January 7, 1998 by GFD Fire Prevention Bureau, Permit Services Center.

2. "Responses to Action Items . . ." letter dated May 27, 1998, from SCS Engineers (SCS) to EMCON/OWT, with attachments. (GFD was copied for this letter.)

COUNTY SANITATION DISTRICTS
OF LOS ANGELES COUNTY

1955 Workman Mill Road, Whittier, CA 90601-1400
Mailing Address: P.O. Box 4998, Whittier, CA 90607-4998
Telephone: (562) 699-7411, FAX: (562) 699-5422

CHARLES W. CARRY
Chief Engineer and General Manager

JAN 1999
Received
Hazardous Materials
Section (EMC)

January 14, 1999
File: 31R-104.10

Glendale Fire Department
Hazardous Materials Section
780 Flower Street
Glendale, CA 91201

Gentlemen:

Scholl Canyon Landfill (SCLF)
Hazardous Materials Inventory, Hazardous Material Business Plan

Enclosed please find the annual Hazardous Materials Inventory and the Hazardous Material Business Plan update for SCLF as required by Health and Safety Code §25505.

If you have any questions, please contact the undersigned at extension 2488 at the above listed telephone number.

Very truly yours,

Charles W. Carry
Mischelle Mische
Mischelle Mische
Project Engineer
Solid Waste Management Department

MM:eo

GLENDALE FIRE DEPARTMENT
HAZARDOUS MATERIALS SECTION
780 Flower Street
Glendale CA 91201
(818) 548-4030

JAN 1999
Received
Hazardous Materials
Section (EMC)

BUSINESS EMERGENCY PLAN

TO AVOID PENALTY, THIS FORM MUST BE RETURNED WITHIN TWENTY-ONE (21) DAYS. THE INFORMATION SHOULD BE TYPED OR PRINTED.

PART I: BUSINESS IDENTIFICATION DATA

A	BUSINESS NAME. (DBA)	L.A. County Sanitation District (Scholl Canyon LF)
B.	BUSINESS ADDRESS	3001 Scholl Canyon Road NUMBER STREET
C.	MAILING ADDRESS	Glendale, CA 91206 CITY ZIP CODE
D.	BUSINESS PHONE	(213)245-9865 AREA
E.	BUSINESS OWNER	L.A. County Sanitation Districts LAST NAME FIRST NAME
F.	PRIMARY CONTACT PERSON TITLE	Matt Zuro/ Larry Barents Site Engineer/ Site Supervisor
G.	NATURE OF YOUR BUSINESS (Describe Briefly)	Sanitary Landfill
H.	EMERGENCY CONTACT PERSON (After business hours)	Barents, Larry LAST NAME FIRST NAME (310)866-7731 Site Supervisor TITLE PHONE #
I.	EMERGENCY CONTACT PERSON (Alternate)	Cummings, Nick LAST NAME FIRST NAME (310)677-2313 Asst. Site Supv. TITLE PHONE #

III-EMERGENCY NOTIFICATION

OUTLINE THE STEPS YOUR BUSINESS SHALL TAKE TO MEET THE NOTIFICATION REQUIREMENTS IN THIS SECTION:

Please use additional sheets of paper as necessary.

A. PROCEDURES FOR NOTIFICATION OF AND COORDINATION WITH EMERGENCY AGENCIES:

In case of emergency, the Site Supervisor will act as the emergency coordinator. It will be his responsibility to collect essential information and notify the local Fire Department (or other appropriate agency). The Assistant Site Supervisor, Site Engineer, Supervising Gas Technician, and the site's Hazardous Waste Inspector will assist the Site Supervisor in these duties.

B. PROCEDURES FOR NOTIFICATION AND EVACUATION OF YOUR EMPLOYEES. (List also the type of alarm signals that will be used).

Several District site vehicles are equipped with radio dispatches for message relays. The Site Supervisor's truck is also equipped with an outside intercom, which would be used to notify customers if necessary. However, due to the quantities and type of chemicals, hazards, etc., stored at the site, an evacuation of the facility is not anticipated. Two evacuation routes exist at the site. If the situation calls for, the main office would be used as an emergency meeting locale. Please see the attached map for these locations.

C. PROCEDURES FOR NOTIFICATION AND EVACUATION?

Customers on site would be notified as stated in Part B. Due to the approximate 2 (two) mile radius from all others living and working around the active landfill site, in addition to the quantities and types of chemicals stored at the site, evacuation/notification of the public would not be warranted.

D. THE PUBLIC LIVING OR WORKING AROUND YOUR FACILITY.

This question is answered in Part C above.

E DESCRIBE AND LIST YOUR EMERGENCY MEDICAL PLAN. (List names, address and phone number of doctors, medical facilities and/or hospitals that you will utilize during an emergency

Local Doctor — Verdugo Hill Urgent Care Medical Center, 544 N. Glendale Ave., Glendale, CA 91204 — (818) 241-4331

Local Hospital — Glendale Adventist, 1509 Wilson Terrace, Glendale, CA 91204 — (818) 409-8000\

PART IV: CONTAINMENT AND CLEAN

A. LIST EMERGENCY MITIGATION AND CONTAINMENT STEPS THAT YOU WILL TAKE IN RESPONSE TO A THREATENED RELEASE OF A HAZARDOUS MATERIAL.

Personnel will immediately isolate the spill area, turn off the appropriate utilities, and notify the local Fire Department or other mandated agency. On site fire extinguishers, absorbent material (Petrolok), landfill equipment (e.g., water trucks, D-9, scrapers) and/or construction of an earth containment berm will be used as required to facilitate the cleanup and mitigation process. No one will be allowed into the spill area without proper protective equipment (e.g., gloves, boots, respirators, etc.). In case of a minor spill, which can safely be stopped by Plant Operation Personnel and does not involve off-site releases, the lead operator on duty will mitigate the hazard in accordance with establish procedures.

B. LIST CLEAN-UP ACTIVITIES THAT YOU WILL CONDUCT IN THE AFTERMATH OF A RELEASE.

A liquid in a bermed area will be pumped into an appropriate holding tank. An absorbed liquid will be cleaned up with the above stated site supplies, transferred to an appropriate holding drum and then to our hazardous waste storage yard. A private licensed hazardous waste hauler will be contacted to properly dispose of the material.

C. LIST ALL OTHER RESOURCES THAT WILL BE ACTIVATED DURING A HAZARDOUS MATERIALS RELEASE. (List name, address and phone numbers of your Hazardous Waste Hauler/Contractor and your Insurance Co.).

Contracted emergency response crews would be called if the situation demanded it. Attached is the name, address, and phone number of our hazardous waste haulers. The Districts are self insured.

Please note that the Districts have a full time hazardous waste inspector at the site. This inspector is trained to identify and handle hazardous waste, and/or use the appropriate resources as required.

PART V: SITE EMERGE

LIST BELOW AND EXPLAIN SPECIAL HAZARDS ARISING FROM OR FACILITY RELATED TO HAZARDOUS MATERIALS (e.g., explosive, reactive, radioactive or acutely hazardous materials handled or stored):

Scholl Canyon is presently an active landfill site. Our customers and taken to our hazardous waste storage yard, etc. As can be seen in the attached photographs, the site which was interc

PART V: SITE EMERGENCY FACTORS

A. LIST BELOW AND EXPLAIN SPECIAL HAZARDS THAT EXISTS IN YOUR FACILITY RELATED TO HAZARDOUS MATERIALS. (e.g. explosion, reactive, radioactive or acutely hazardous chemicals that are used, handled or stored):

Scholl Canyon is presently an active landfill site. A small portion of our hazardous material is received through our customers and taken to our hazardous waste area. These materials include paints, old gas, asbestos, insecticides, pesticides, etc. As can be seen in the attached report, Hazardous Waste Incidents Cumulative Report. (This is a list of hazardous waste which was intercepted by the Districts before reaching the active fill. These materials are placed in our hazardous waste storage yard, as shown in the attached diagram. The location of the yard is shown in Exhibit #1. All waste generated and stored in the yard is removed from the landfill within 90 days of being discovered). It is not Scholl Canyon policy to accept these materials, but rather remove these materials from the fill area if found. These materials are removed from the site by one of our hazardous waste haulers.

Other hazardous materials are used to maintain the operation of the landfill. These materials are stored in either the hazardous waste storage yard, equipment yard, or as listed in the hazardous materials inventory sheets.

In addition, landfill gas (LFG) is also present. Landfill gas is a byproduct produced by decomposition of buried waste. The LFG collection system is under vacuum which withdraws the LFG as it is produced. The LFG is either burned in flares on site or compressed at a compression facility and piped 5 miles to the Grayson Power Plant. Scholl Canyon Landfill Gas Limited partnership developed the compression facility and 5 mile pipeline, and bare all responsibility for these two systems. The compression facility is operated by a contractor hired by the city of Glendale. Hence, the hazardous material inventory for the compression facility is not included.

B. LIST BELOW AND IDENTIFY THE EXACT LOCATIONS OF YOUR UTILITY SHUT OFFS. (e.g. power, gas, water etc.).

Site Water Shut Off	-	At pump house below main office. (west side)
Power Shut Off	-	Various locations as shown on Exhibit 1. These locations include; inside main office, at technicians trailer, in the equipment yard at the flaring station, at and near the tub grinder, and in the Scholl Canyon Park.
Gasoline and Diesel Tanks	-	Both tanks have turn-offs at the tanks themselves. The main circuit breaker to these tanks is located in the main office (gasoline), and equipment yard (diesel). Please see the enclosed topo for these locations.

PART VI: EMPLOYEE TRAINING

OUTLINE THE STEPS YOUR BUSINESS SHALL TAKE TO MEET THE TRA... REQUIREMENTS NOTED IN THIS SECTION RELATED TO:

A METHODS FOR SAFE HANDLING OF HAZARDOUS MATERIALS:

All employees handling hazardous materials will be required to wear appropriate equipment (e.g., gloves, boots, suit protection, safety glasses, level C breathing apparatus, field identification kits, etc.) as necessary for the type of hazard.

B. PROCEDURES FOR ASSURANCE OF TRAINING AND MAINTENANCE OF TRAINING RECORDS:

All employees are made aware of all onsite hazards, including the locations and types of hazardous materials. In addition, monthly safety meetings are held with all employees which stress proper safety techniques. This includes, but is not necessarily limited to, safe handling of onsite chemicals, personal protective equipment, safety related incidents, and review of this business plan.

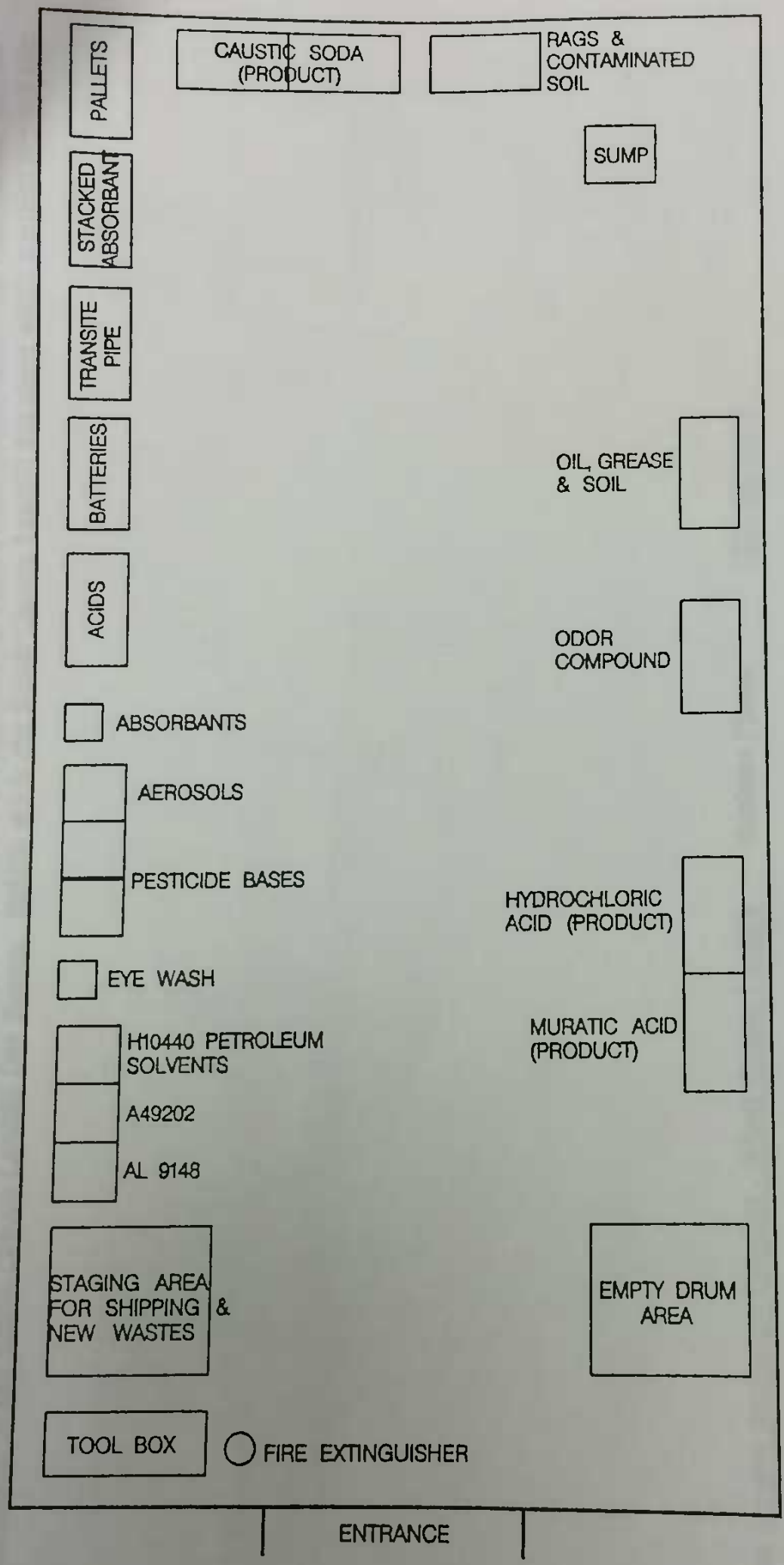
The Districts conduct annual training sessions for all District employees. These classes cover the Districts Emergency Action Plan, Hazardous Communication Plan, Injury and Illness Prevention Program, etc.. A computerized training tracking program is utilized in tracking this training process.

COUNTY SANITATION DISTRICTS
OF LOS ANGELES COUNTY, CALIFORNIA

HAZARDOUS WASTE INCIDENTS CUMULATIVE REPORT

Month: 11 Year: 98 Site: SCLF

HAZARDOUS WASTE CATEGORIES	HAZARDOUS WASTE AMOUNT (lbs) LAST 3 MOS	LAST 12 MOS	FROM 1985
CORROSIVES:			
ACIDS	9	34	1,199
BASES	1	16	1,785
PAINT AND RELATED PRODUCTS:			
FLAMMABLE	208	1,048	38,644
NON-FLAMMABLE:			
LATEX	506	1,752	36,578
NON-LATEX	0	0	1,899
AUTOMOTIVE PRODUCTS:			
RECYCLABLE:			
COOLANTS	3	19	255
BATTERIES	450	1,169	13,861
OIL	65	342	12,818
NON-RECYCLABLE:			
OIL	0	0	2,861
OTHER	0	0	108
INSECTICIDES			
HAZARDOUS	22	57	2,676
EXTREMELY HAZARDOUS	1	6	102
VOLATILE LIQUIDS:			
HALOGENATED	12	45	1,612
NON-HALOGENATED	24	205	8,126
OTHER:			
LIQUID	56	132	6,683
NON-LIQUID	0	46	7,761
SPRAY CANS	22	93	1,972
FLUORESCENT TUBES	0	95	105
UNKNOWN:			
LIQUID	0	0	2,426
NON-LIQUID	0	0	96
TOTAL	1,379	5,059	141,567
TOTAL CONFISCATED WASTE:	1,317	4,884	137,253
% OF CONFISCATED WASTE:	95.50%	96.54%	96.95%



SCHOLL CANYON LANDFILL

HAZARDOUS WASTE STORAGE AREA

PART VII: FACILITY LAYOUT MAP

Complete your facility layout map on this page using the attached instructions and sumbols. (See pages f-i)

See Attached TOPO, labeled exhibit #1, for Facility Layout map. Also attached are exhibits Nos. 2 and 3 which contain additional information. Exhibit #2 shows a schematic of the Scholl Canyon Landfill Gas System. Exhibit #3 is the Scholl Canyon Landfill fact sheet which contains general site information.

Business Name: County Sanitation Districts - Scholl Canyon Landfill Business Phone: (213) 245-9865

Business Address: 3001 Scholl Canyon Road, Glendale, CA 91206 Facility Unit: Sanitary Landfill

Principle Business Activity Sanitary Landfill

Layout Map Prepared by: Matt Zuro
(213) 699-7315

Scale 1" - 200'

EXHIBIT No. 1

VICINITY MAP

CONTOUR INTERVAL 5 F
TOPOGRAPHY DATE 6-21-

SOUTHERN CALIFORNIA EDISON

ALTONA

GLENOAKS

HAZARDOUS WASTE HAULERS

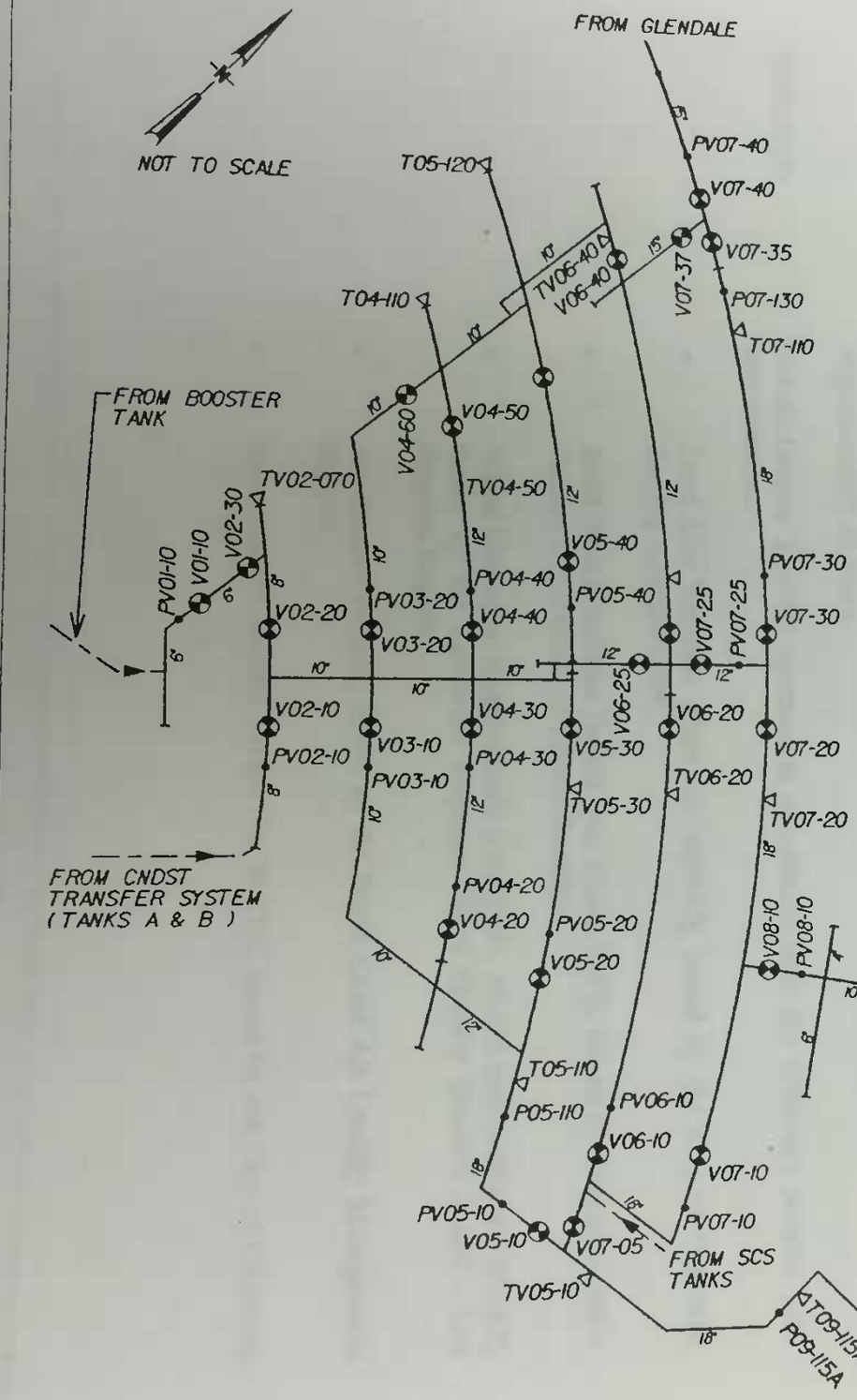
Chem Waste Management (OSCO)
1704 West 1st Street
Azusa, CA 91702 (818) 334-5117

Containerized Chemical Disposal
10680 Silicon Avenue
Montclair, CA 91763 (800) 233-3748

Asbury (Waste Oil)
2100 North Alameda Street
Compton, CA 90222 (213) 321-1392

SCHOLL CANYON LANDFILL

GAS SYSTEM
VALVES & PITOTS SCHEMATIC



LEGEND

V	- VALVE NAME		HEADER LINE
P	- PITOT NAME		CHANGE IN HEADER LINE
T	- TAP NAME		VACUUM LINE FROM TANKS
PV	- PITOT AT VALVE		BUTTERFLY VALVE
TV	- TAP AT VALVE		MAIN LINE PITOT
PFS	- PITOT AT FLARING STATION		MAIN LINE STATIC TAP

REVISED AS OF DEC. 1986

/usr2/hfm/sc/gas/scschemdgn

EXHIBIT NO.3

SCHOLL CANYON LANDFILL FACT SHEET

OCATION:

3001 Scholl Canyon Road
Glendale, CA 91206

In the City of Glendale, north of the Ventura Freeway (Hwy 134) at the Figueroa Street exit.

ROJECT ESCRIPTION:

Scholl Canyon Landfill is owned by the City of Glendale and the County of Los Angeles and is operated by the Sanitation Districts of Los Angeles County (Districts) under a Joint Powers Agreement. The site is open to public access from 8:00 a.m. to 5:00 p.m., six days a week (Monday through Saturday), with the exception of certain holidays.

The landfill is operated in compliance with Federal, State, and local standards, and to eliminate or control any potential impacts on nearby residents. Refuse accepted for disposal is quickly compacted; at the end of each work day all refuse is covered with a confining layer of cover material 9 to 12 inches in depth. Various specific measures are employed to control potential nuisances due to noise, odor, litter, dust and vectors and to minimize landfill traffic and overall visual impacts. In addition, specific systems have been constructed to monitor and control landfill gas migration and to monitor and protect groundwater quality.

BACKGROUND:

Scholl Canyon Landfill opened in 1961 and accepts only non-hazardous municipal solid waste. The disposal of liquid or hazardous wastes is not allowed. Effective December, 1987, the City of Glendale enacted a municipal ordinance which restricts the use of the landfill to refuse originating from an identified wasteshed area.

The landfill currently accepts approximately 1,800 tons per day of refuse. Approximately 21.5 million tons of refuse have been placed since the landfill opened. Based on permitted capacity, the remaining life of the site is estimated to be approximately 21 years.

ERMITS:

Scholl Canyon Landfill operates in compliance with the following permits and requirements.

- Land Use Variance (Case No. 6668-U), issued by the City of Glendale Zoning Administrator.
- Solid Waste Facilities Permit (No. 19-AA-0012), issued by the Los Angeles County Department of Health Services.
- Waste Discharge Requirements (Order No. 88-112 and Order No. 93-062) issued by the California Regional Water Quality Control Board - Los Angeles Region.
- Air Quality permits, issued by the South Coast Air Quality Management District.
- Industrial Wastewater Permit No. W-2762, issued by the City of Glendale.

...CT DESIGN ...URES:

The Sanitation Districts have installed several sophisticated control systems, which are expanded as necessary, and have implemented several operational programs to eliminate or control possible landfill impacts. These measures include:

- Gas collection and monitoring systems. The natural decomposition of refuse produces a gas composed primarily of equal quantities of carbon dioxide and methane. To prevent migration of gas generated in the landfill and to control odors, the gas is collected through a system of wells and trenches and piped to a central location. The City of Glendale has installed a gas recovery system in the completed northern canyon area of the site and the Districts have installed a gas recovery system on the active landfill. The gas collected in both systems is combined at the active landfill, then processed and piped to the Grayson Power Plant, where it displaces natural gas for power generation. This use of the landfill gas reduces air emissions since the gas would otherwise be flared at the landfill. The flare station at the active landfill is maintained as a backup. To monitor the effectiveness of the gas control systems, subsurface gas monitoring probes have been installed around the perimeter of the site. In addition, surface gas monitoring is conducted across the landfill.

- Groundwater protection system. Two underground barriers have been constructed downgradient of the site to prevent canyon water from contacting groundwater. Barrier water extraction wells have been installed with dedicated pumps on the upgradient side of the barriers where canyon water may become impounded. These wells remove water accumulated on the landfill side of the barriers for treatment. Groundwater monitoring wells have also been installed on the downgradient side of the barriers and around the landfill to sample groundwater quality. Additionally, the design and operation of the landfill allows for the rapid, controlled runoff of rainwater without infiltration into the refuse.

- Landscape irrigation system. Finished slopes of the landfill have been landscaped and irrigation systems have been installed. Additional landscaping and irrigation systems will be installed as landfill operations progress.

- Dust and litter control. Control of dust and litter is carried out on a continuous basis. Water trucks spray the access roads and excavation areas to control dust from truck traffic and landfill operations. Litter is controlled by litter fences and by the daily application of cover material. Sanitation Districts' employees routinely police the area for litter and debris. The Sanitation Districts enacted an ordinance which requires customers using Scholl Canyon Landfill to cover their loads or pay an additional surcharge and be cited. Following three citations for uncovered loads, the customer faces suspension of disposal privileges. This ordinance acts as a deterrent to the littering of roadways leading to the landfill.

- Water conservation measures. Treated canyon water is used for dust control. Reclaimed municipal wastewater will be used for all irrigation system demands and for dust control purposes in the near future.

- Illegally deposited wastes. The Sanitation Districts and the County Health

Department continuously monitor the disposal area for illegally deposited hazardous, toxic, or infectious wastes. The Sanitation Districts have also instituted a load checking program consisting of a random selection of at least five loads each day for a thorough search. If unacceptable wastes are found, they are transferred to appropriate off-site disposal facilities. The hauler whose load contained the waste is charged for the cost of proper disposal, and for repeated violations, faces suspension of disposal privileges. This program acts as a strong deterrent to illegal disposal of wastes at the landfill.

Resource recovery. The Sanitation Districts have instituted a resource recovery program at the landfill. Dirt and asphalt are accepted free of charge. The dirt is used for daily cover and the asphalt is reused for on-site road construction. Refrigerants are extracted from refrigerators and air-conditioners and the refrigerators and air-conditioners, as well as other large metallic white goods, are removed for salvage. Clean loads of green waste, such as grass and tree trimmings, are accepted at a reduced rate at the landfill. The Sanitation Districts grind the green waste and use it for daily cover, weed abatement, or to produce compost. The green waste recovery program saves valuable landfill capacity and cover soil, and provides an immediate beneficial use for cities implementing separate green waste collection programs.

ULTIMATE USE:

The current Joint Powers Agreement specifies that as landfill operations are completed on each major portion of the site, the City of Glendale will develop the areas for parks, recreational use, or for the implementation of solid waste management alternatives or facilities related to the operation of a sanitary landfill at the site. Landfill operations have been completed in a northern canyon area of the site. The City has developed plans for this fill area which include uses such as a golf course, with tennis courts on solid ground adjacent to the fill area.

Landfills are necessary repositories for municipal solid wastes as our society transitions into a greater degree of recycling and energy recovery methods from solid waste. However, even when we develop other solid waste management methods to the fullest extent, the remaining material will still require disposal on the land.

FOR ADDITIONAL INFORMATION CONTACT:

Sanitation Districts of Los Angeles County
Solid Waste Management Department
1955 Workman Mill Road
P.O. Box 4998 Whittier, CA 90607
(310) 699-7411

Revised Aug 23, 1994 A:\FACT.SCH(LER\lac)

GLENDALE FIRE DIVISION
BUSINESS EMERGENCY PLAN

CERTIFICATION

I, J. Patrick Freemon (Print), certify that the above information will be used to fulfill my business obligations as required by the Hazardous Materials Disclosure Ordinance and that inaccurate or omission of information constitutes perjury under the law. I am aware that if I knowingly submit false information to the Fire Division, my business will be subject to penalties not to exceed $2,000.00 per each day the false information goes uncorrected.

Signature	Field Engineering Supv.	1.13.99
	Title	Date

You are required by law to notify the Glendale Fire Division, Hazardous Material Section, in writing, within **15 days** of any of the following events:

1. Change of business address
2. Change of business ownership
3. Change of business name
4. Cessation of business operation
5. Use or handling of a previously undisclosed hazardous material.
6. A 100% increase in the quantity of a previously disclosed hazardous material.

A COPY OF THE PLAN SHALL BE RETAINED AT YOUR BUSINESS FOR REVIEW BY FIRE DIVISION PERSONNEL

...vironmental Management Center
...ver Street
...le, CA 91201
...) 548-4030

City of Glendale
Glendale Fire Department

1915

JAN 1990
Received
Hazardous Materials
Section

Hazardous Materials Inventory

Facility:	Owner:
Name Scholl Canyon Landfill	Name County Sanitation Districts
Address 3001 Scholl Canyon Rd.	Address 1955 Workman Mill Rd.
City/ZIP Glendale, CA 91206	City/ZIP Whittier, CA 90607
Phone (213) 245-9865	Phone

Standard Ind. Class Code: Dun & Bradstreet #:

Important: Please refer to the attached instructions for proper codes.

Product name: Diesel Fuel — Transaction code:

List largest components and percent by weight

1. Diesel	100 %
2.	%
3.	%

Location: Equipment yard

Form	L	Average amount	11,250
Trade secret	NO	Annual estimate	200,000
Units	Gal.	Type code	P
Days at site	365	Container type	02
Use code	19	Container pressure	1
Max amount	18,000	Container temperature	4

☒ Fire ☐ Pressure ☐ Reactivity ☐ Immediate health ☐ Delayed health

Product name: — Transaction code:

List largest components and percent by weight

1.	%
2.	%
3.	%

Location:

Form		Average amount	
Trade secret		Annual estimate	
Units		Type code	
Days at site		Container type	
Use code		Container pressure	
Max amount		Container temperature	

☐ Fire ☐ Pressure ☐ Reactivity ☐ Immediate health ☐ Delayed health

Primary Emergency Contact: Larry Barents Phone (310) 866-7731
Secondary Emergency Contact: Matt R. Zuro Phone (818) 858-9846

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Patrick Freemon, Field Engineering Supervisor — 1-13-93
Name and title of owner/operator OR representative — Signature — Date

mental Management Center
780 Flower Street
Glendale, CA 91201
(818) 548-4030

Continuation Form

Important: Please refer to the attached instructions for proper codes.

Product name: Waste Oil Mixture — Transaction code: R

List components and percent by weight	
r oil	99 %
er: grease, solvents, etc.	1 %
	%

Location: Equipment yard

Form	L	Average amount	440
Trade secret	NO	Annual estimate	4,500
Units	Gal.	Type code	P
Days at site	365	Container type	02
Use code	40	Container pressure	1
Max amount	500	Container temperature	4

☒ Fire ☐ Pressure ☐ Reactivity ☐ Immediate health ☒ Delayed health

Product name: Motor Oil — Transaction code: R

List largest components and percent by weight	
1. Motor oil	100 %
2.	%
3.	%

Location: Equipment yard

Form	L	Average amount	250
Trade secret	NO	Annual estimate	4,500
Units	Gal.	Type code	P
Days at site	365	Container type	02
Use code	26	Container pressure	1
Max amount	500	Container temperature	4

☒ Fire ☐ Pressure ☐ Reactivity ☐ Immediate health ☒ Delayed health

Product name: Gear Lubricant — Transaction code: R

List largest components and percent by weight	
1. Gear lubricant (50 Wt. & 90 wt.)	100 %
2.	%
3.	%

Location: Equipment yard

Form	L	Average amount	100
Trade secret	NO	Annual estimate	1,000
Units	Gal.	Type code	P
Days at site	365	Container type	06
Use code	26	Container pressure	1
Max amount	400	Container temperature	4

☒ Fire ☐ Pressure ☐ Reactivity ☐ Immediate health ☒ Delayed health

Product name: Petroleum Naptha — Transaction code: R

List largest components and percent by weight	
1. Petroleum naphtha - safety clean	100%
2.	%
3.	%

Location: Equipment yard

Form	L	Average amount	40
Trade secret	NO	Annual estimate	480
Units	Gal.	Type code	P
Days at site	365	Container type	11
Use code	08	Container pressure	1
Max amount	40	Container temperature	4

☒ Fire ☐ Pressure ☐ Reactivity ☐ Immediate health ☒ Delayed health

...nmental Management Center
780 Flower Street
Glendale, CA 91201
(818) 548-4030

Continuation Form

Important: Please refer to the attached instructions for proper codes.

...ct name: Transmission Fluid — Transaction code: R

...est components and percent by weight

	%
	%
	%

...cation: Equipment yard

Form	L	Average amount	25
Trade secret		Annual estimate	50
Units	Gal.	Type code	P
Days at site	365	Container type	06
Use code	26	Container pressure	1
Max amount	55	Container temperature	4

☒ Fire ☐ Pressure ☐ Reactivity ☐ Immediate health ☒ Delayed health

Product name: Aerosol Paint — Transaction code: R

List largest components and percent by weight

	%
1.	%
2.	%
3.	%

Location: Storage containers, office building, hazardous waste yard, tech. trailer

Form	L	Average amount	5
Trade secret		Annual estimate	
Units	Lb	Type code	P
Days at site	365	Container type	04
Use code	29	Container pressure	1
Max amount	10	Container temperature	4

☒ Fire ☐ Pressure ☐ Reactivity ☐ Immediate health ☒ Delayed health

Product name: Antifreeze — Transaction code: A

List largest components and percent by weight

	%
1. Antifreeze	%
2.	%
3.	%

Location: Equipment yard

Form	L	Average amount	55
Trade secret		Annual estimate	55
Units	Gal.	Type code	P
Days at site	365	Container type	06
Use code	09	Container pressure	01
Max amount	110	Container temperature	04

☐ Fire ☐ Pressure ☐ Reactivity ☐ Immediate health ☒ Delayed health

Product name: — Transaction code:

List largest components and percent by weight

	%
1.	%
2.	%
3.	

Location:

Form		Average amount	
Trade secret		Annual estimate	
Units		Type code	
Days at site		Container type	
Use code		Container pressure	
Max amount		Container temperature	

☐ Fire ☐ Pressure ☐ Reactivity ☐ Immediate health ☐ Delayed health

ental Management Center

780 Flower Street
Glendale, CA 91201
(818) 548-4030

Continuation Form

portant: *Please refer to the attached instructions for proper codes.*

Product name: Mineral Spirits — Transaction code: A

List largest components and percent by weight

	%
Spirits	%
	%

Location: Equipment yard

Form	L	Average amount	55
Trade secret		Annual estimate	25
Units	Gal.	Type code	P
Days at site	365	Container type	06
Use code	08	Container pressure	01
Max amount	55	Container temperature	04

☒ Fire ☐ Pressure ☐ Reactivity ☐ Immediate health ☒ Delayed health

Product name: Paint — Transaction code:

List largest components and percent by weight

	%
1.	%
2.	%
3.	%

Location: Storage containers, office building hazardous waste yard, tech. trailer.

Form	L	Average amount	5
Trade secret		Annual estimate	10
Units	Gal.	Type code	P
Days at site	365	Container type	11
Use code	29	Container pressure	1
Max amount	10	Container temperature	4

☐ Fire ☒ Pressure ☐ Reactivity ☐ Immediate health ☒ Delayed health

Product name: Freon 12 Dichloro Difluoro Methane — Transaction code:

List largest components and percent by weight

	%
1.	%
2.	%
3.	

Location:

Form	G	Average amount	90
Trade secret		Annual estimate	50
Units	Lb.	Type code	P
Days at site	365	Container type	04
Use code	10	Container pressure	2
Max amount	130	Container temperature	4

☐ Fire ☒ Pressure ☐ Reactivity ☐ Immediate health ☒ Delayed health

Product name: — Transaction code:

List largest components and percent by weight

	%
1	%
2.	%
3	

Location:

Form		Average amount	
Trade secret		Annual estimate	
Units		Type code	
Days at site		Container type	
Use code		Container pressure	
Max amount		Container temperature	

☐ Fire ☐ Pressure ☐ Reactivity ☐ Immediate health ☐ Delayed health

F 102 Haz Mat Inventory (Revised 6/91)

onmental Management Center

780 Flower Street
Glendale, CA 91201
(818) 548-4030

Continuation Form

Important: Please refer to the attached instructions for proper codes.

oduct name: Oil Filters - Used — Transaction code:

t largest components and percent by weight

1.	%
2.	%
3.	%

Location: Equipment yard

Form	S	Average amount	150
Trade secret		Annual estimate	
Units	Lb.	Type code	P
Days at site	365	Container type	06
Use code	40	Container pressure	4
Max amount	300	Container temperature	1

☒ Fire ☐ Pressure ☐ Reactivity ☐ Immediate health ☒ Delayed health

---

√ **Product name:** Landfill Gas - Methane — Transaction code:

List largest components and percent by weight

1. Methane	50	%
2. Carbon dioxide (CO_2)	40	%
3. Nitrogen; oxygen; argon; etc.	10	%

Location: Collected under vacuum throught site

Form	G	Average amount	7200
Trade secret	NO	Annual estimate	Constant
Units	CFM	Type code	M
Days at site	365	Container type	03
Use code	22	Container pressure	2
Max amount	8600	Container temperature	5

☒ Fire ☐ Pressure ☐ Reactivity ☐ Immediate health ☒ Delayed health

---

Product name: P.V.C. Solvent Cement & Primer — Transaction code:

List largest components and percent by weight

1. Tetrahydrofuran		%
2. PVC resin		%
3. Methyl Ethyl Ketone		%

Location: Storage containers

Form	L	Average amount	5
Trade secret		Annual estimate	10
Units	Gal.	Type code	P
Days at site	365	Container type	11
Use code	02	Container pressure	1
Max amount	10	Container temperature	4

☒ Fire ☐ Pressure ☒ Reactivity ☐ Immediate health ☒ Delayed health

---

Product name: — Transaction code:

List largest components and percent by weight

1.		%
2.		%
3.		%

Location:

Form		Average amount	
Trade secret		Annual estimate	
Units		Type code	
Days at site		Container type	
Use code		Container pressure	
Max amount		Container temperature	

☐ Fire ☐ Pressure ☐ Reactivity ☐ Immediate health ☐ Delayed health

...nmental Management Center
780 Flower Street
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(818) 548-4030

Continuation Form

Important: Please refer to the attached instructions for proper codes.

...uct name: Propane — Transaction code: R

...rgest components and percent by weight

	%
2.	%
3.	%

Location: Next to blowers at flaring station

Form	L	Average amount	15
Trade secret		Annual estimate	140
Units	Gas	Type code	P
Days at site	365	Container type	04
Use code	19	Container pressure	2
Max amount	15	Container temperature	4

☒ Fire ☒ Pressure ☐ Reactivity ☐ Immediate health ☒ Delayed health

Product name: Nitrogen (Compressed Gas) — Transaction code:

List largest components and percent by weight

1. (Used for blank samples and to purge	%
2. air sample bags)	%
3.	%

Location: Between lunch and tech. trailer

Form	G	Average amount	300
Trade secret		Annual estimate	
Units	CFM	Type code	P
Days at site	365	Container type	04
Use code	54	Container pressure	2
Max amount	500	Container temperature	4

☐ Fire ☒ Pressure ☐ Reactivity ☐ Immediate health ☒ Delayed health

Product name: Hydrogen (Compressed Gas) — Transaction code:

List largest components and percent by weight

1. Hydrogen	%
2. Fuel for OVA *	%
3. *OVA = Foxboro Organic Vapor Analyzer	%

Location: Between lunch and tech. trailer

Form	G	Average amount	200
Trade secret		Annual estimate	
Units	CFM	Type code	20
Days at site	365	Container type	04
Use code	19	Container pressure	2
Max amount	200	Container temperature	4

☐ Fire ☒ Pressure ☐ Reactivity ☐ Immediate health ☒ Delayed health

Product name: Methane (Compressed Gas) — Transaction code:

List largest components and percent by weight

1. Calibration for OVA	%
2.	%
3.	%

Location: Between lunch and tech. library

Form	G	Average amount	400
Trade secret		Annual estimate	
Units	CFM	Type code	P
Days at site	365	Container type	04
Use code	54	Container pressure	2
Max amount	400	Container temperature	4

☐ Fire ☒ Pressure ☐ Reactivity ☒ Immediate health ☒ Delayed health

SCHOLL LFG - PLANS & DRAWINGS

...mental Management Center
780 Flower Street
Glendale, CA 91201
(818) 548-4030

Continuation Form

Important: Please refer to the attached instructions for proper codes.

Product name: 50% Caustic — Transaction code: A

List largest components and percent by weight

1. Sodium hydroxide	100 %
2. (used for pH control)	%
3.	%

Location: Hazardous waste storage yard

Form	L	Average amount	25
Trade secret		Annual estimate	250
Units	Gal.	Type code	P
Days at site	365	Container type	07
Use code	28	Container pressure	1
Max amount	50	Container temperature	4

☐ Fire ☐ Pressure ☒ Reactivity ☐ Immediate health ☒ Delayed health

Product name: Muriatic (Hydrochloric) Acid — Transaction code: A

List largest components and percent by weight

1. Muriatic Acid	%
2.	%
3.	%

Location: Hazardous waste storage yard

Form	L	Average amount	80
Trade secret	NO	Annual estimate	200
Units	Gal.	Type code	P
Days at site	365	Container type	07
Use code	08	Container pressure	01
Max amount	225	Container temperature	04

☐ Fire ☐ Pressure ☐ Reactivity ☐ Immediate health ☒ Delayed health

Product name: Betz - GCP - 187 — Transaction code: A

List largest components and percent by weight

1. Betz - GCP - 187 (it's a blend of	%
2. organic phosphate and polymer)	%
3.	%

Location: Adjacent to canyon water stipper

Form	L	Average amount	110
Trade secret		Annual estimate	660
Units	Gal.	Type code	P
Days at site	365	Container type	06
Use code	08	Container pressure	01
Max amount	220	Container temperature	04

☐ Fire ☐ Pressure ☐ Reactivity ☐ Immediate health ☒ Delayed health

Product name: Aquaward Hypochlorite — Transaction code:

List largest components and percent by weight

1. Chlorine tablets	100 %
2.	%
3.	%

Form	S	Average amount	45
Trade secret		Annual estimate	100
Units	Lbs.	Type code	P
Days at site	365	Container type	06
Use code	08	Container pressure	01
Max amount	45	Container temperature	04

☐ Fire ☐ Pressure ☐ Reactivity ☐ Immediate health ☒ Delayed health

SCHOLL LFG - PLANS & DRAWINGS

CUPA'S of Los Angeles County

Glendale Fire Department
Occupancy Inspection Record

District SP21

DBA Scholl Canyon Landfill **Address** 3001 Scholl Canyon Rd. Glendale, CA 91206

Recent Activity **Complete 8/13/1997**

Business Owner

Name Los Angeles Co. Sanitation Add 633 E. Broadway, Rm. 209 Glendale Ca 91206
Wk (818) 24-9779 Ext 818 Fax _____ Pager _____
Hm 818 548-3945 E Mail _____ Cell _____

Building Owner

Name City Of Glendale Add _____ Glendale Ca
Wk _____ Ext _____ Fax _____ Pager _____
Hm _____ E Mail _____ Cell _____

Manager

Name _____ Add _____
Wk _____ Ext _____ Fax _____ Pager _____
Hm _____ E Mail _____ Cell _____

Emergency Contact I

Mark Dykes Phone 818 243 9779 Cell _____ Pager _____

Emergency Contact II

Nick Cummings Phone 818 243-9779 Cell _____ Pager _____

Occupancy and Building Information

Frequency Annual Open _____ Employees _____ Knox Box No Prefire Plan No
Duration 105 Minutes Closed _____ Max Occ _____ Current Keys _____

Occ Type B Primary Use Hazardous Businesses, Specific Property Use (your Description Of Property)

Occ Sq Ft _____ Build Sq Ft _____ Const Mat _____ Const Type _____

Stories Up ___ Down ___ Year _____

Fire Protection Systems

Permits

Use & Occupancy

Comments

ANNUAL FIRE INSPECTION

City of Glendale – Unified Program (CUPA) Agency
780 Flower Street, Glendale, CA 91201
BUSINESS OWNER/OPERATOR IDENTIFICATION (Form 2730)

I. IDENTIFICATION

FACILITY ID# 2 1 9 0 0 0 0 0 2 5 7 2 | BEGINNING DATE 100 | ENDING DATE 101

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3: SCHOLL CANYON LFG LIMITED PARTNERSHIP | BUSINESS PHONE 102: 818-244-9722

BUSINESS SITE ADDRESS 103: 3001 SCHOLL CANYON RD.

CITY GLENDALE 104 | CA | ZIP CODE 105: 91206

DUN & BRADSTREET 106 | SIC CODE (4 digit #) 107

COUNTY LOS ANGELES 108 | TAX ID NUMBER 133a: 95 4449263

BUSINESS OPERATOR NAME 109 | BUSINESS OPERATOR PHONE 110

II. BUSINESS OWNER

OWNER NAME 111: SCHOLL CANYON LANDFILL GAS CORP. | OWNER PHONE 112: 781-383-3200

OWNER MAILING ADDRESS 113: 13 ELM ST. SUITE 200

CITY 114: COHASSET | STATE 115: MA | ZIP CODE 116: 02025

III. ENVIRONMENTAL CONTACT

CONTACT NAME 117: BRAD EVERETT | CONTACT PHONE 118: 818 244 9722

CONTACT MAILING ADDRESS 119: 516 EAST CORALITE ST.

CITY 120: LONG BEACH | STATE 121: CA | ZIP CODE 122: 90808

IV. EMERGENCY CONTACTS

PRIMARY	SECONDARY
NAME 123: BRAD EVERETT	NAME 128: TOM STREIT
TITLE 124: Site MANAGER	TITLE 129:
BUSINESS PHONE 125: 818 244 9722	BUSINESS PHONE 130:
24-HOUR PHONE 126: 562 225 6465	24-HOUR PHONE 131: 562 212 1002
PAGER # 127: 562 930 8951	PAGER # 132:

V. ADDITIONAL LOCALLY COLLECTED INFORMATION 133

NUMBER OF EMPLOYEES 133b: 2 | SIZE OF FACILITY (SQ. FT.) 133c:

MAILING/ BILLING INFORMATION

ADDRESS 133d	CITY 133e	STATE 133f	ZIP CODE 133g
13 ELM ST. SUITE 200	COHASSET	MA	02025

Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete.

SIGNATURE OF OWNER/OPERATOR OR DESIGNATED REPRESENTATIVE: X A. Robert Russell III | DATE 134: 11/29/03 | NAME OF DOCUMENT PREPARER 135: KATHLEEN CONCANNON

NAME OF SIGNER (print) 136: A. ROBERT RUSSELL III | TITLE OF SIGNER 137: Treasurer, Scholl Canyon Landfill Gas Corp.

Chemical Inventory Summary

Number	Facility ID	Chemical Name	CAS Number
4214-015	219-000-002572	Waste Activated Carbon	7440440
4214-0159	219-000-002572	Landfill Gas Condensate	
4214-0159	219-000-002572		
4214-0159	219-000-002572		
4214-0159	219-000-002572		
4214-0159	219-000-002572		
4214-0159	219-000-002572	Antifreeze	
4214-0159	219-000-002572	Monoethanolamine	
4214-0159	219-000-002572	Magnetrol Mercury Switches	7439976
4214-0159	219-000-002572	Hasco Stoddard Solvent/Mineral Spirits	
4214-0159	219-000-002572	Chemco Odor Control	
4214-0159	219-000-002572	Suif-Trol	
4214-0159	219-000-002572	Citogo Pacemake GEO 840	
4214-0159	219-000-002572	Matheson Calibration Gas	

Ciba Coagulant (Alcofix 308)
Ciba Zetag 7183
Ciba Flocculant (Percc1 919)

Sodium Hypochlorite (bleach)
Caustic Soda (50%)

GLENDALE FIRE DEPARTMENT
ENVIRONMENTAL MANAGEMENT CENTER (EMC)
780 Flower Street, Glendale, CA

CERTIFICATION STATEMENT:

I, certify that I am the business owner or officially designated representative of the business.

I, certify that the information contained in the hazardous materials inventory most recently submitted to the Glendale Fire Department CUPA, is complete, and up to date.

And, that there has been no significant change in the quantity of hazardous materials reported in the most recently submitted inventory.

And, that no other hazardous materials subject to inventory requirements are being added or handled since the most recent chemical inventory has been submitted.

CERTIFICATION:

BRADLEY EVERETT
Name

11-24-03
Date

PLANT SUPERVISOR/MNGR
Title

e-mail address (optional)

Bradley Everett
Signature

Environmental Consultants

3711 Long Beach Boulevard
Ninth Floor
Long Beach, CA 90807-3315

FAX 310 427-0805

SCS ENGINEERS

May 27, 1997
File No. 0197007.00, Task 17

Mr. Ed Wheless
Los Angeles County Sanitation Districts
1955 Workman Mill Road
Whittier, California 90601

SUBJECT: LOCATION OF CONDENSATE PRETREATMENT FACILITY, SCHOLL CANYON LANDFILL GAS PROCESSING FACILITY, GLENDALE, CALIFORNIA

Dear Ed:

As you know, the Scholl Canyon Landfill Gas Limited Partnership (SC-LP) is preparing to design and install a condensate pretreatment facility at the Scholl Canyon site. The enclosed drawing details a proposed location for this facility. In general, the new facility will be located on the spot currently occupied by the SCS Field Services (SCS-FS) office trailer. The office trailer will be relocated directly adjacent to the new facility, as shown.

The depicted location was verbally agreed upon by various parties at an April 1997 meeting at the site attended by representatives of:

- SCS Engineers (SCS)
- SCS-FS
- Los Angeles County Sanitation Districts (LACSD)
- City of Glendale Public Works Department
- City of Glendale Fire Department

Prior to initiating any work at the site, SCS, on behalf of the SC-LP, is seeking written agreement from the LACSD as to the proposed location of the facility. As such, we request that an authorized representative of the LACSD sign in the space provided below and on the attached drawing, indicating your approval of the proposed location. Since the SC-LP is under regulatory pressure to install the system as quickly as possible, your expeditious response to this request is needed. Please fax a signed copy to my office at (562) 427-0805 and mail the original signed agreement to my attention at:

SCS Engineers
3711 Long Beach Boulevard
Ninth Floor
Long Beach, California 90807

As agreed upon in our May 14, 1997 meeting, SCS and Maloney Process Inc. (MPI), the design engineer, will submit the actual system plans and specifications to the LACSD for approval prior to initiating construction of the pretreatment system. However, approval of the proposed location is required as soon as possible so that design work can begin.

If we do not hear from your office by June 12, 1997, we will assume that the proposed location is acceptable to the LACSD. Thank you for your assistance. Please contact the undersigned at (562) 426-9544 if you wish to further discuss any of these issues.

Sincerely,

Patrick S. Sullivan

Patrick S. Sullivan, R.E.A.
Senior Scientist
SCS ENGINEERS

Attachment

cc: Gordon Deane; Palmer Management
Jim Bier; SCS-FS
Matt Zuro; LACSD
Gerry Maloney; Maloney Process Inc.
Jake Amar; City of Glendale, Public Works Department, Engineering
Steve Zurn; City of Glendale, Public Works Department
Greg Ahern; City of Glendale, Fire Department

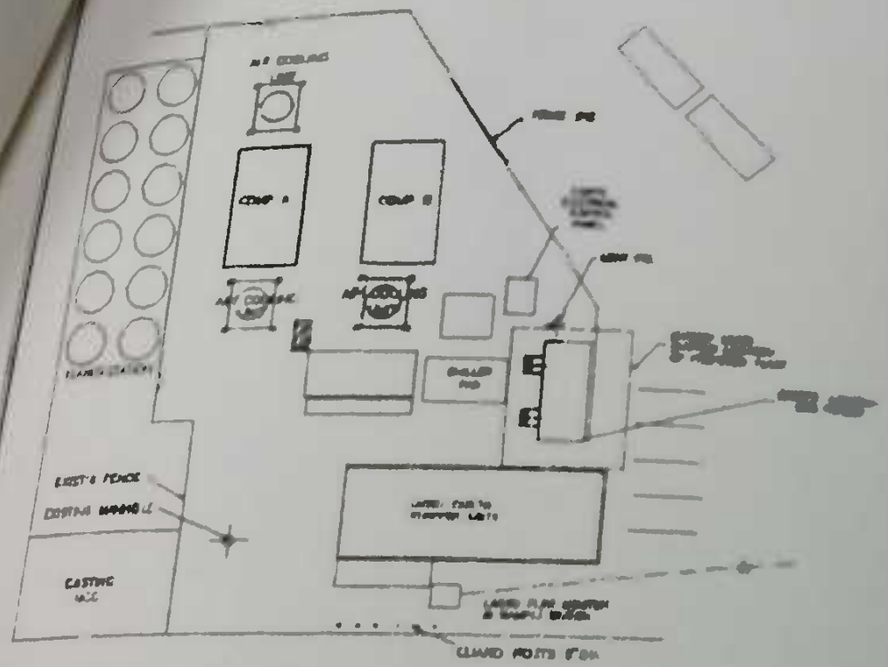
LOS ANGELES COUNTY SANITATION DISTRICTS:

Signature_____

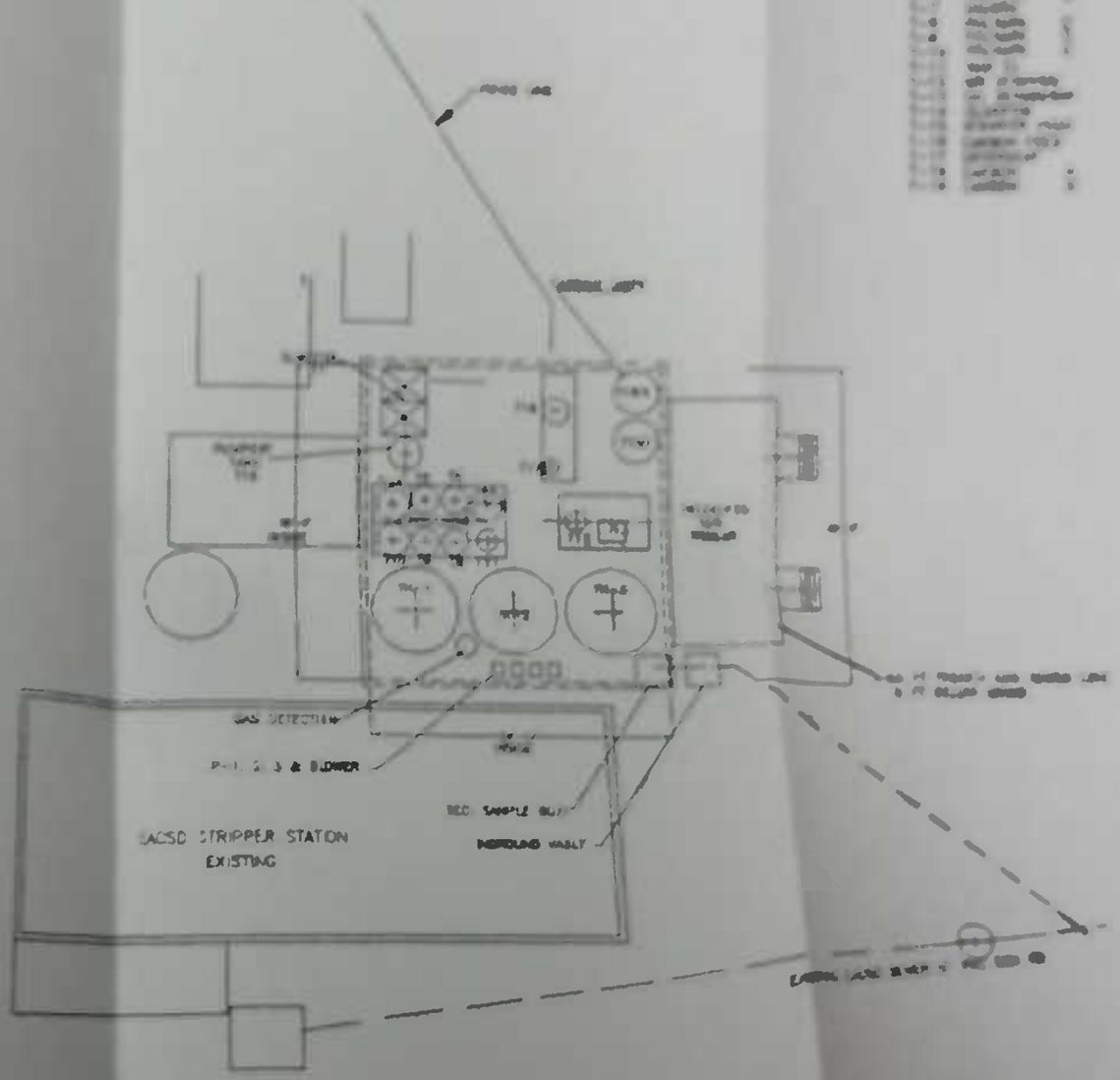
Name:_____

Title:_____

Date:_____



EXISTING PLANT
GENERAL PLOT PLAN



PROPOSED PLANT
PLOT PLAN

S-5

Z-7

CITY OF GLENDALE
INTERDEPARTMENTAL COMMUNICATION

DATE September 10, 1998

TO Jake Amar, P.W. Engineering

FROM David Starr, Fire Marshal

SUBJECT Scholl Canyon Landfill Gas Recovery Project
Wastewater Sampling Requirements Clarification

In your conversation with Captain Indermill today you stated that a full test for all wastewater components is being completed prior to any batch discharge from this facility per our requirements. Unfortunately, there seems to have been a misunderstanding of what wastewater components needed to be tested.

Per our letter dated December 31, 1997, (copy enclosed) which documented the meeting of December 30, 1997, wherein you and Mr. Desi Alvarez of P.W. Engineering, Steve Cooper of S.C.S. Field Services, Captain Indermill and Inspectors Kitchen and Ahern were present. It was agreed at this meeting that the condensate would be batch treated and tested for compliance with local discharge limits for flammability prior to obtaining discharge authorization from this office. Furthermore it was agreed that if a batch analysis failed local limits for flammability then said batch shall be hauled off-site for legal disposal. Additionally, it was agreed that this would be a temporary solution until adequate pretreatment has been provided, full compliance with discharge limits has been achieved and approval granted from this office. Although, it was not discussed in the December 30, 1997 meeting, it was understood that S.C.S. Field Services would continue to test for all discharge requirements quarterly as required per the Industrial Waste Discharge Permit for this facility.

I hope that this letter clarifies the discharge requirements for the Scholl Canyon Landfill Gas Recovery Project at this time. If you have any questions regarding the above subject matter please contact me at ext. 4810. Please contact Captain Indermill at ext. 4030 to coordinate technical assistance from the EMC Staff.

Very truly yours,

David D. Starr

David Starr, Fire Marshal

cc: Chris Gray, Asst. Fire Chief
Steve Zurn, Asst. Director of Public Works
Eric Indermill, Fire Prevention Captain

Y OF Glendale CALIFORNIA

Environmental Management Center
780 Flower Street, Glendale, CA 91201
(818) 548-4030

Fire Division
HAZARDOUS
MATERIALS
SECTION

December 31, 1997

FILE COPY

CERTIFIED MAIL
Return Receipt Requested

Scholl Canyon LFG Limited Partnership
c/o Scholl Canyon Landfill Gas Corporation
13 Elm Street, Suite 200
Cohasset, MA 02025

Attention: Gordon L. Deane, President

Subject: NOTICE OF VIOLATION
Scholl Canyon Landfill Gas Recovery Project
3001 Scholl Canyon Road

Gentlemen:

This letter will serve to provide notice, and does hereby so provide, that the POTW grab sample of condensate wastewater from the subject facility, taken on December 19,1997, was found to have a flash point of 81^{0}Fahrenheit in violation of local prohibitive discharge limits of 140^0 Fahrenheit. Additionally, this sample was found to contain an oil and grease content of 1524 mg/L and a dissolved sulfides content of 4.54 mg/L in violation of their local discharge limits of 600 mg/L and 0.1 mg/L respectfully.

On December 30,1997, your representative at this facility Mr. Steve Cooper of SCS Field Services was advised of the above violations and was instructed to cease discharge of the condensate to the municipal wastewater system. Per our conversation with Mr. Cooper of SCS Field Services, Mr. Jake Amar and Mr. Desi Alvarez of Glendale P.W. it was agreed that the condensate would be batch treated and tested for compliance with local discharge limits for flammability prior to obtaining discharge authorization from this office. Furthermore it was agreed that if a batch analysis failed local limits then said batch shall be hauled off-site for legal disposal. Additionally, it was agreed that this would be a temporary solution until the cause of the violations have been determined, adequate pretreatment has been provided, full compliance with discharge limits has been achieved and approval granted from this office.

It is required that you submit within 20 days of receipt of this notice of violation a detailed letter of explanation as to the cause of the above violations and corrective actions that will be taken to prevent future violations.

If you have any questions regarding the above subject matter you may contact Doug Kitchen or myself at (818)548-4030.

Very truly yours,

Gregory P. Ahern, Sr.
Industrial Waste Inspector

cc: Steve Zurn, P.W.
Jake Amar, P.W.
Ray Huff, SCS
Steve Cooper, SCS

Scholl Canyon LFG Limited Partnership

c/o Palmer Management Corporation
1309-114th Avenue SE, Suite 101
Bellevue, Washington 98004
Tel: 425/635-1101; Fax: 425/637-0197

August 19, 2002

Mr. Gregory P. Ahern
Environmental Safety Specialist
Environmental Management Center
City of Glendale
780 Flower Street
Glendale, California 91201

Via Facsimile & Express Mail

Subject: **Detailed Letter of Explanation for Notice of Violation Dated August 5, 2002**
Industrial Waste Permit W-3142 – Received August 12, 2002

Dear Mr. Ahern:

This letter is in response to the Notice of Violation (NOV) described above. Thank you for this opportunity to explain in detail the events which occurred and the response to those events regarding the Scholl Canyon Landfill Gas project quarterly sampling of June 11, 2002.

As is explained in detail in the attached letter from Invirotreat Inc. to us, there appears to be a misunderstanding about the timing of when the samples were taken. The statement in your August 5th letter that "..duplicate sample was taken 5 minutes after the original sample" is clearly incorrect. Please refer to the attached letter.

As was explained in the Invirotreat Inc. letter dated July 9th (also included herein for reference), both the duplicate sample (taken "at the same time" on June 11, 2002) and the re-sampling which occurred on July 3rd at your request were below the TTO limit of 2.0 mg/l at 1.758 mg/l and 0.379 mg/l, respectively. On July 3rd, the Fire Department also took a simultaneous sample and sent the sample to a separate laboratory. We request that you supply Scholl Canyon Landfill Gas Limited Partnership (SCLP) with the results of your separate sampling from July 3rd so that we have as much information as we can about this issue.

Given that the basis for this NOV appears to be a misunderstanding regarding timing, there should have been no NOV issued. We respectfully request that the City of Glendale retract the above referenced NOV.

...y of compliance with all established Federal and Local discharge limits. ...adhere to both the letter and intent of regulations under which we operate. We in... continue to operate in the same mode, as we have successfully since 1994.

If you have any questions please feel free to call me at (425) 635-1101. We look forward to hearing from you about this NOV and also to get copies of you sampling results. Thanks.

Sincerely,

David A Marques

David A. Marques
Vice President
Scholl Canyon Landfill Gas Corporation

Attachments

cc: Michael Haney, Battalion Chief, Fire Division
Steve Zurn, Kerry Morford & Jake Amar, Public Works
Brad Everett & Gordon Deane, SCLP
Jeff Bernstein, Bernstein, Cushner & Kimmel

cc: Chris Gray, Asst. Fire Chief
Steve Zurn, Asst. Director of Public Works
...dermill, Fire Prevention Captain

...REAT INC.
...VATIVE TREATMENT

August 12, 2002

Mr. David Marques
SCHOLL CANYON LFG LIMITED PARTNERSHIP
1309 114th Avenue SE #101
Bellevue, WA 98004

Subject: NOTICE OF VIOLATION, AUGUST 5, 2002
SCHOLL CANYON LFG CONDENSATE TREATMENT SYSTEM

Dear Mr. Marques:

Reference is made to a Notice of Violation (NOV) from Greg Ahern of the City of Glendale dated August 5, 2002 regarding the Scholl Canyon LFG Condensate Treatment System (CTS). The violation was issued because the sample taken during the April – June, 2002 monitoring period indicated total toxic organics (TTO's) of 3.63 mg/l which is above the 2.0 mg/l limit. The letter stated that the explanation given by Invirotreat Inc., the CTS consultant, in the Quarterly Report (dated July 9, 2002) was "unacceptable since the duplicate sample was taken 5 minutes after the original sample".

I would like to clarify that the duplicate sample was taken at the same time the original sample was obtained from the Secured Sampling Facility (SSF) following EPA sampling protocol. Two VOC vials were collected consecutively during the sampling event: one vial was analyzed in the original report and the other was analyzed as the duplicate sample. The assumption that the duplicate sample was taken 5 minutes after the original sample, as stated by Mr. Ahern, is incorrect, apparently a result of a misunderstanding.

In the Quarterly Monitoring Report we offered possible explanation regarding the TTO exceedance. We also provided an explanation from Western Analytical Laboratory, who conducted the laboratory analysis, regarding the detection limits used during the analysis. On July 16, 2002 Mr. Ahern conducted a re-test of the final effluent indicating low TTO concentration, well below the discharge limits.

I would like to emphasize that the Scholl Canyon Landfill CTS had no prior discharge violations. In fact, Mr. Brad Everett has kept the plant in great working order during the past three years, repeatedly demonstrating acceptable effluent quality for discharge to the City sewer.

2501 E. CHAPMAN AVENUE, SUITE 100 • FULLERTON • CA • 92831 • USA
TEL: (714) 871-1686 • FAX: (714) 871-1687 • WEB SITE: www.invirotreat.com

David Stan...

cc: Chris Gray, Asst. Fire Chief
Steve Zurn, Asst. Director of Public Works
Eric Indermill, Fire Prevention Captain

As far as actions needed to prevent future violations, I suggest that Scholl Canyon LFG continues to employ the routine operation and maintenance procedures, in accordance with the Process Safety Plan we developed for the facility. Invirotreat will continue to assist the plant staff in process support and oversight to ensure that the effluent discharge limitations are routinely achieved.

If you have any questions, please do not hesitate to call Brad Everett or myself.

Sincerely,

Dr. Alon Lebel
Project Consultant

c: Mr. Greg Ahern, City of Glendale, E.C.M
Mr. Jake Amar, City of Glendale
Mr. Brad Everett, Scholl Canyon LFG

(dm081202- Response to NOV)

CITY OF GLENDALE
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...REAT INC.

...TIVE TREATMENT

July 9, 2002

Mr. Greg Ahern
City of Glendale, E.C.M.
780 E. Flower Street
Glendale, California 91201

SUBJECT: SCHOLL CANYON LANDFILL, CONDENSATE TREATMENT SYSTEM
QUARTERLY MONITORING RESULTS FOR THE PERIOD
APRIL - JUNE 2002
INDUSTRIAL WASTEWATER DISCHARGE PERMIT NO. W-3142

Dear Mr. Ahern:

Invirotreat Inc., on behalf of Palmer Management Partnership/Scholl Canyon, is pleased to submit the results of the quarterly monitoring event conducted on June 11, 2002, at the Scholl Canyon Landfill, Condensate Treatment System (Quarterly period April – June 2002). Samples were taken from the Secured Sampling Facility of the Condensate Treatment System, representing the final discharge point to the City sewer. Sampling and analysis were conducted in accordance with the monitoring requirements of Industrial Wastewater Discharge Permit No. W-3142 for the above facility.

As shown in Table 1 (attached), the results indicate – with the exception of the total toxic organics (TTO's) - compliance with the discharge limitations established by the City of Glendale for this facility. The TTO results during the 6/11/02 monitoring event indicated a total concentration of 3.6 mg/l, which is above the 2 mg/l limit. It should be noted that the granular activated carbon (GAC) vessels, which are responsible for removal of TTO's at the Condensate Treatment System, were serviced a few days prior to the testing event and fresh carbon was deposited in the vessels. Therefore, effective removal of TTO's was anticipated.

We were informed of the elevated TTO results on July 2, 2002. The results reflected high concentrations of volatile organic compounds (VOC's). We immediately requested the laboratory to re-test for VOC's (EPA 8260) using the duplicate vial collected during the sampling event. The re-test results indicated TTO's concentration of 1.7 mg/l, which is below the discharge limit. We also collected on July 3, 2002 a fresh sample from the final effluent for VOC analysis. The results from this sampling event indicated TTO concentration of 0.379 mg/l, which is consistent with historic results.

Based on the results of the retest (6/11/02) sample and the fresh sample (7/3/02), and considering the recent service of the GAC vessels, we are confident that the original results for VOC's were erroneous, perhaps due to laboratory contamination. The proactive approach we took to retest the effluent and the fact that in later analytical results the effluent was in compliance with the discharge limits for TTO's support our conclusion discussed above.

2501 E. CHAPMAN AVENUE • SUITE 100 • FULLERTON• CA • 92831
TEL: (714) 871-1686 • FAX: (714) 871-1687 • WEBSITE: www.invirotreat.com

The complete analytical laboratory reports, including the additional analytical reports for VOC's are included as Attachment A.

Please address any questions or comments related to this submittal to our office or to the Plant Manager, Mr. Bradley Everett at (818) 244-9722. If you would like to discuss the TTO's results, please feel free to call me (office number: 714 871-1686; mobile phone number: 714 926-7505).

Sincerely,

INVIROTREAT INC.

Dr. Alon Lebel
Project Consultant

c: Mr. Brad Everett, Scholl Canyon
Mr Dave Marques, Palmer Management
Mr. Jake Amar, City of Glendale

(quarterly monitoring report - 04-06-2002)

TABLE 1: ANALYTICAL DATA SUMMARY
CANYON LANDFILL CONDENSATE TREATMENT PLANT
APRIL - JUNE 2002

PARAMETER	UNITS	TEST RESULTS	DUPLICATE RUN	DISCHARGE LIMITS
Metals				
Arsenic	mg/l	<0.05	-	3
Cadmium	mg/l	<0.01	-	15
Chromonium (Total)	mg/l	<0.01	-	10
Copper	mg/l	<0.01	-	15
Lead	mg/l	<0.05	-	5
Nickel	mg/l	<0.02	-	12
Silver	mg/l	<0.01	-	5
Zinc	mg/l	0.05	-	25
Cyanide (Free)	mg/l	<0.02	-	2
Cyanide (Total)	mg/l	<0.02	-	10
Dissolved Sulfides	mg/l	<0.02	-	0.1
Dispersed Oil & Grease	mg/l	66	-	600
pH	s.u.	8.2	-	5.5 - 11
Chloride	mg/l	1,060	-	na
BOD	mg/l	11,200	-	No Limit
COD	mg/l	21,600	-	No Limit
TSS	mg/l	470	-	No Limit
Flash Point	°F	>200	-	<140
Total Toxic Organics (TTO) [1]	mg/l	3.630	1.758	2
VOC - 8260	mg/l	0.222		
SVOC - 8270	mg/l	0	-	
Pesticides - 8080	mg/l	0	-	

1 retest of VOC on 7/3/02 indicate total TTO of 0.379 mg/l

Z-7

CITY OF GLENDALE

INTERDEPARTMENTAL COMMUNICATION

DATE September 10, 1998

TO Jake Amar, P.W. Engineering

FROM David Starr, Fire Marshal

SUBJECT Scholl Canyon Landfill Gas Recovery Project
Wastewater Sampling Requirements Clarification

In your conversation with Captain Indermill today you stated that a full test for all wastewater components is being completed prior to any batch discharge from this facility per our requirements. Unfortunately, there seems to have been a misunderstanding of what wastewater components needed to be tested.

Per our letter dated December 31, 1997, (copy enclosed) which documented the meeting of December 30, 1997, wherein you and Mr. Desi Alvarez of P.W. Engineering, Steve Cooper of S.C.S. Field Services, Captain Indermill and Inspectors Kitchen and Ahern were present. It was agreed at this meeting that the condensate would be batch treated and tested for compliance with local discharge limits for flammability prior to obtaining discharge authorization from this office. Furthermore it was agreed that if a batch analysis failed local limits for flammability then said batch shall be hauled off-site for legal disposal. Additionally, it was agreed that this would be a temporary solution until adequate pretreatment has been provided, full compliance with discharge limits has been achieved and approval granted from this office. Although, it was not discussed in the December 30, 1997 meeting, it was understood that S.C.S. Field Services would continue to test for all discharge requirements quarterly as required per the Industrial Waste Discharge Permit for this facility.

I hope that this letter clarifies the discharge requirements for the Scholl Canyon Landfill Gas Recovery Project at this time. If you have any questions regarding the above subject matter please contact me at ext. 4810. Please contact Captain Indermill at ext. 4030 to coordinate technical assistance from the EMC Staff.

Very truly yours,

David Starr, Fire Marshal

cc: Chris Gray, Asst. Fire Chief
Steve Zurn, Asst. Director of Public Works
Eric Indermill, Fire Prevention Captain

Environmental Consultants

3711 Long Beach Boulevard
Ninth Floor
Long Beach, CA 90807-3315

310 426-9544
FAX 310 427-0805

SCS ENGINEERS

July 24, 1997
File No. 0196115.00

Mr. Gregory P. Ahern
City of Glendale
Environmental Management Center
780 Flower Street
Glendale, California 91201
OFFICE (818) 548-4030
FAX (818) 549-9777

SUBJECT: NOTICE OF VIOLATION, SCHOLL CANYON LFG LIMITED PARTNERSHIP, 3001 SCHOLL CANYON ROAD, GLENDALE, CALIFORNIA (W-3142)

Dear Greg:

The Scholl Canyon LFG Limited Partnership (SC-LP) was recently issued a Notice of Violation (NOV, dated July 10, 1997) for violation of its effluent limitation for dissolved oil and grease, which occurred during self monitoring for the second quarter (April through June) 1997. This response to the NOV is provided by SCS Engineers (SCS) on behalf of the SC-LP.

Required re-sampling was conducted on July 2, 1997, and analytical data was reported to the City of Glendale in a letter dated July 11, 1997, as set forth by SC-LP's revised Industrial Waste Discharge Permit (W-3142). During re-sampling, a grab sample was collected from Sampling Point 01. Based on analytical data generated during resampling, Scholl Canyon is in compliance with discharge limitation for oil and grease, as set forth in its Industrial Waste Discharge Permit (W-3142).

Following the May 23, 1997 sampling round, the oil-water separator used in the current pretreatment system was emptied and cleaned. It is believed that an overload of the oil-water separator led to the violation that was reported from the May 23, 1997 sampling event. Therefore, in order to avoid any further oil and grease violations, SC-LP proposes to increase the inspection patrols in the area of the oil-water separator unit, as well as cleaning the unit on an expedited schedule. Further, SC-LP is prepared perform visual inspections during discharge as well as conducting organic vapor monitoring in order to ensure no future violation for total toxic organics or oil and grease. SC-LP feels that these actions will aid in the mitigation of the current oil and grease problems which led to violations in the first and second quarters of 1997.

SC-LP is also currently looking into the possibility of bringing the oil-water separator component of the new pretreatment system on-line prior to the scheduled start-up date of November 1997. SC-LP will apprise the City of Glendale on the feasibility of this option following discussions with the system designers and construction subcontractors.

We are hopeful that this above approach will be acceptable to the City of Glendale. Please address any questions or comments related to this submittal to our office.

CITY OF **Glendale** CALIFORNIA

Environmental Management Center
780 Flower Street, Glendale, CA 91201
(818) 548-4030

Fire Division
HAZARDOUS
MATERIALS
SECTION

July 10, 1997

Scholl Canyon LFG Limited Partnership
13 Elm Street, Suite 200
Cohasset, MA 02025-1828

Attention: Gordon Deane, President

Subject: Notice of Violation
Scholl Canyon LFG Limited Partnership
3001 Scholl Canyon Road

Gentlemen:

This letter will serve to provide notice the self-monitoring grab sample of condensate wastewater from the subject facility, taken on May 23,1997, was found to contain an Oil/Grease (O&G) content of 708 mg/L in violation of local discharge limits of 600 mg/L.

Cease and desist immediately from any and all violations of established local limits for discharge to the municipal wastewater system. You are required to submit a detailed letter of explanation as to the cause of the above violation and a description of corrective actions that will be taken to prevent future violations. As a result of recent violations for O&G at your facility this office can not wait for the November start-up date of your new pretreatment system. Consequently, it is necessary that additional pretreatment measures be addressed immediately for O&G. It is necessary that your response be submitted to this office prior to July 28,1997.

It is important to note that continued violations may result in referral to the City Attorney for appropriate action.

If you have any questions you may contact Doug Kitchen or myself at (818)548-4030.

Very truly yours,

Gregory P. Ahern, Sr.

Gregory P. Ahern, Sr.
Industrial Waste Inspector

cc: Ray Huff, SCS
Patrick Sullivan, SCS

CITY OF **Glendale** CALIFORNIA

Environmental Management Center
780 Flower Street, Glendale, CA 91201 • (818) 548-4030

Fire Division
HAZARDOUS
MATERIALS
SECTION

April 28, 1997

CERTIFIED MAIL
Return Receipt Requested

Scholl Canyon Landfill Gas Limited Partnership
672 Jerusalem Road
Cohasset, Massachusetts 02025

Attention: Gordon L. Deane, President

Subject: NOTICE OF VIOLATION
3001 Scholl Canyon Road

Gentlemen:

This letter will serve to provide notice, and does hereby so provide, that the industrial wastewater discharge to the municipal wastewater system from the subject facility has been found to be a public nuisance, in violation of GMC Section 13.40.310(B)(1)(a)(v).

On Wednesday April 23, 1997, Inspectors Ahern and Kitchen responded to the subject facility as a result of an odor complaint in Glenoaks Canyon. SCS Field Staff were advised of the complaint and were informed that all condensate wastewater discharge must immediately cease until adequate pretreatment was provided.

On Friday April 25, 1997, Inspector Kitchen once again responded to the subject facility as a result of additional odor complaints. He found that wastewater was being discharged and that no repairs to the pretreatment system had occurred. Again SCS Field Staff were informed that all condensate wastewater discharge must immediately cease.

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ale CALIFORNIA
ment Center
ndale, CA 91201
(818) 548-4030

Please cease and desist immediately from any and all violations of established local limits for discharge to the municipal wastewater system. All industrial wastewater from the subject facility shall be hauled off-site for legal disposal until such time that adequate pretreatment has been provided and full compliance with discharge limits has been achieved. A manifest file, which shall be available for inspection at all times, shall be maintained for proof of legal disposal of all hauled wastewater.

Our policy requires that you submit a detailed description of corrective actions that will be taken to prevent future violations. We should receive your response no later than May 15, 1997.

At your option, you may provide the above required pretreatment or permanently haul the condensate wastewater for legal off-site disposal.

If you have any questions regarding this matter, please contact the Industrial Waste Program at (818) 548-4030.

Very truly yours,

David D. Starr
Fire Marshal

cc: Jake Amar, Public Works
Pat Sullivan, SCS Engineers

JUL 1997
Received
Hazardous Materials
Section (EMC)

ORIGINAL

SECTION 1

SECTION 2

BASELINE MONITORING REPORT

SECTION 1. GENERAL INFORMATION

A. This report is for an *existing sewer connection.*

B. **Company Name:**

Scholl Canyon LFG Limited Partnership
SIC Code: 4953

C. **Business Address:**

13 Elm Street, Suite 200
Cohassett, MA 02025

D. **Location of Site Discharging Wastewater:**

3001 Scholl Canyon Road
Glendale, CA 91206

E. **Person Responsible for Industrial Wastewater Discharge:**

Gordon Deane, President
(617) 383-3200

F. **Number of Employees:**

On-Site: 1 full time, 1 part time (contract personnel)

G. **Operation Schedule:**

24 hours/day, 365 days/year

H. **Variation of Operation:**

The operation of the landfill gas (LFG) processing plant and generation of industrial wastewater is a continuous process. No variation is anticipated. The operation is conducted 7 days per week.

SECTION II. WASTEWATER DISCHARGE

A. **Time and Duration of Industrial Wastewater Discharge to Sewer System:**

- Discharge occurs 24 hours per day, 7 days per week.
- Discharge is continuous and occurs in 1500-gallon increments with pretreatment occurring at a rate of approximately 10 gallons/minute for 150 minutes.

B. **The Following Wastewater Flow Rates to the Sewer System Are Expected to Occur:**

- Maximum daily flow of 6,000 gallons/day
- Five-Minute peak flow rate of 10 gallons/minute
- Annual daily average flow rate of 3,300 gallons/day (averaged quarterly)

C. **Source of Water Received and the Estimated Average Quantity of Wastewater Discharged Daily:**

- The source of the water which becomes wastewater is moisture entrained in the LFG processed through the system. During the compression and refrigeration processes, the moisture is condensed and becomes a liquid waste stream.
- All of the condensate generated becomes wastewater that is discharged to the sewer system, approximately 3,300 gallons/day (average).

SECTION III. RAW MATERIALS AND CHEMICALS

The only raw material used in the manufacturing process is LFG from the Scholl Canyon Landfill. Other chemicals used at the site that may be found in the wastewater discharged from the facility include:

Technical Name	Common Name	Manufacturer's Name
Activated Carbon	Carbon fines	Westates
A105 Oil	Lube Oil	Gibraltar
Pacemaker 840	Compressor Oil	Citgo
Calcium Hypochlorite	Chlorine	Sun Burn
YWO7 Glycerine	Glycerine	Waukesha
Monoethanolamine	Sulfa-Treat	Van Rogers & Waters
02353 Antifreeze/coolant	Antifreeze	Texaco
Weld-On Primer 2711	Weld Preparation Primer	IPS
Weld-On Cement 2711	Weld Sealer	IPS
Cationic Polymer 9069	Wastewater polymer	Aqua-Serv
Sulfuric Acid	Sulfuric acid	Pressure Vessel Service
Coagulant Polymer 9420	Wastewater coagulant	Aqua-Serv
Coagulant 9423	Wastewater coagulant	Aqua-Serv
Anionic Polymer	Wastewater polymer	Aqua-Serv
Sodium Hydroxide	Caustic soda	Pressure Vessel Service
Odor Control	Odor control agent	Chemco

Material Safety Data Sheets (MSDSs) for these materials are attached to this document.

SECTION IV. DESCRIPTION OF OPERATIONS

- In the LFG processing operation, LFG is treated, producing a product gas which is delivered to the City of Glendale power plant. This operation occurs under SIC Code No. 4953.

- In the condensate pretreatment operation, approximately 3,300 gallons/day of condensate is treated and discharged to the sewer system. This operation occurs under SIC Code No. 4953.

SECTION V. NATURE OF POLLUTANTS IN WASTEWATER DISCHARGE

The following pollutants are presented or suspected of being present in the wastewater discharged to the sewer system:

A. **Metals and Inorganics**

Arsenic, Chromium, Copper, Cyanide, Lead, Mercury, Nickel, Silver, and Zinc.

B. **Phenols and Cresols**

Phenol(s)

C. **Monocyclic Aromatics**

Benzene, Chlorobenzene, 1,2-Dichlorobenzene, 1,4-Dichlorobenzene, 1,2,4-Trichlorobenzene, Ethylbenzene, Toluene, and Xylenes

D. **PCBs and Related Compounds**

None anticipated or detected in previous monitoring events.

E. **Ethers**

None anticipated or detected in previous monitoring events.

F. **Nitrosamines and Other Nitrogen-Containing Compounds**

None anticipated or detected in previous monitoring events.

G. **Halogenated Aliphatics**

Chloromethane, Dichloromethane, Trichloromethane, Tetrachloromethane, 1,1-Dichloroethane, 1,2-Dichloroethane, 1,1,1-Trichloroethane, 1,1,2-Trichloroethane, Chloroethene, 1,1-Dichloroethene, Trichloroethene, Tetrachloroethene, 1,2-Dichloropropane, and 1,3-Dichloropropane.

H. **Phthalate Esters**

Di-n-octylphthalate and Bis(2-ethylhexyl)phthalate

I. **Polycyclic Aromatic Hydrocarbons**

Styrene and Naphthalene

J. **Pesticides**

None anticipated or detected in previous monitoring events.

K. **Conventional Pollutants**

Biochemical Oxygen Demand (BOD) > 240, Total Suspended Solids (TSS) > 250, oil and grease, and ammonia.

SECTION VI. WASTEWATER PRETREATMENT SYSTEM

A. Type of Pretreatment

Pretreatment is *chemical* and *physical* and will occur in a *continuous mode.*

B. Treatment Technologies

1. Physical/Chemical Treatment

a.	Activated Carbon Adsorption:	Granular
b.	Chemical Oxidation:	Chlorine
c.	Chemical Precipitation:	None
d.	Chemical Reduction:	None
e.	Coagulation and Flocculation:	Synthetic Polyelectrolytes
f.	Distillation:	None
g.	Electrodialysis:	None
h.	Evaporation:	None
i.	Filtration:	None
j.	Floatation:	Dissolved Air (DAF)
k.	Flow Equalization:	Yes
l.	Ion Exchange:	None
m.	Neutralization:	Yes
n.	Oil Separation:	Gravity Separators, Skimmers, and Emulsion Breaking
o.	Resin Adsorption:	None
p.	Reverse Osmosis:	None
q.	Screening:	None
r.	Sedimentation:	None
s.	Stripping:	Air
t.	Solvent Extraction:	None
u.	Ultrafiltration:	None

2. Biological Treatment

None

SECTION VII. ENVIRONMENTAL CONTROL PERMITS AND LICENSES

- South Coast Air Quality Management District (SCAQMD) permit for a LFG treatment facility (No. D 90397)

- SCAQMD permit for a condensate collection, storage, and treatment facility (No. D 93189). Permit is in the process of being modified.

- SCAQMD permit for an air stripper (No. D 11334). The operator status on the permit is currently being transferred from the Los Angeles County Sanitation Districts to the Scholl Canyon LFG Limited Partnership.

- City of Glendale permit for hazardous material usage (No. 700599.00)

SECTION VIII. PROCESS ACTIVITIES

Operation	Status
Aluminum Forming	Not Conducted
Battery Manufacturing	Not Conducted
Coil Coating	Not Conducted
Copper Forming	Not Conducted
Electrical and Electronic Components	Not Conducted
Electroplating	Not Conducted
Iron and Steel	Not Conducted
Inorganic Chemicals Manufacturing	Not Conducted
Leather Tanning and Finishing	Not Conducted
Metal Molding and Casting	Not Conducted
Non-Ferrous Metals Forming	Not Conducted
Metal Finishing	Not Conducted
Non-Ferrous Metals Manufacturing	Not Conducted
Organic Chemicals, Plastics, and Synthetic Fibers	Not Conducted
Petroleum Refining	Not Conducted
Pharmaceutical Manufacturing	Not Conducted
Plastics and Molding	Not Conducted
Porcelain Enameling	Not Conducted
Pulp, Paper, and Paperboard Production	Not Conducted
Steam Electric Power Generation	Not Conducted
Timber Products Processing	Not Conducted
Textile Mills	Not Conducted

SECTION IX. PLANS AND DIAGRAMS

A. **Site Plan**

A site plan for the facility is currently being developed as part of the project to upgrade the condensate pretreatment system. A copy of the site plan will be provided for your review when it is completed.

B. **Floor Plan**

A floor plan for the facility is currently being developed as part of the project to upgrade the condensate pretreatment system. A copy of the floor plan will be provided for your review when it is completed.

C. **Process Unit Design Specification and Schematic Diagram**

A diagram and specification for the LFG processing facility was previously submitted to the City of Glendale Fire Department, Industrial Waste Program. No significant changes have been made to the LFG processing system since the last submittal.

D. **Pretreatment System Design Specification and Schematic Diagram**

A pretreatment system design specification and schematic diagram for the facility is currently being developed as part of the project to upgrade the condensate pretreatment system. Copies of these documents will be provided for your review when they are completed.

E. **Operations and Maintenance Plan**

An operations and maintenance plan for the facility will be developed after installation and start-up of the upgraded pretreatment system. A copy of this document will be provided as soon as it is available.

F. **Contingency Plan for Spills, Overflows, and System Failures**

A contingency plan for the facility was previously submitted to the City of Glendale Fire Department, Industrial Waste Program. This document is currently being updated to reflect changes to the pretreatment system. A copy of the revised contingency plan will be submitted as soon as it is available.

SECTION X. WASTEWATER FLOW MEASUREMENT

Regulated Process (Type)	Daily Average (gal/day)	Daily Maximum (gal/day)	Estimated (E) or Measured (M)
LFG Condensate	3,300	6,000	E

SECTION XI. MEASUREMENT OF POLLUTANTS

A. **Sample Type**

Both grab and composite samples are collected from the facility's discharge to evaluate compliance with the facility's industrial wastewater discharge permit (W-3142)

B. **Frequency of Samples**

Samples are collected on a quarterly basis.

C. **Time, Date, and Sampling Location**

The sampling location is on the discharge from the facility's existing carbon adsorption unit. As part of the facility upgrade, a secured sampling facility (SSF) is being constructed in accordance with City of Glendale requirements. The time and date if samping events vary during each quarter. These times/dates are listed on the Periodic Compliance Reports that are submitted for each quarterly sampling event.

D. **Method of Analysis**

The analytical methods vary for each regulated pollutant. These methods are listed on the Periodic Compliance Reports and laboratory reports that are submitted for each quarterly sampling event.

E. **Comparison of Results with Applicable Pretreatment Standards**

This activity is completed for each sampling event and is provided within the Periodic Compliance Reports.

F. **Alternative Limits**

No alternative limits are proposed for the Scholl Canyon LFG processing facility.

Please note that copies of two recent Periodic Compliance Reports for the facility are attached to this document.

SECTION 1

SECTION 2

SECTION XIII. CERTIFICATION

I have personally examined and am familiar with the the information submitted in this application, and I hereby certify under penalty of law that this information was obtained in accordance with applicable requirements. Moreover, based on my inquiry of those individuals immediately responsible for obtaining the information reported herein, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

* Authorized Representative

Gordon L. Deane

Name (Type or Print)

Signature

President

Title

July 14, 1997

Date

* Authorized Representative shall Mean (a) a principal executive officer of at least the level of vice-president, if the discharger is a corporation; (b) a general partner or proprietor if the discharger is a partnership or proprietorship, respectively; or (c) a duly authorized representative of the individual designated above if such representative is responsible for the overall operation of the facility which contributes wastewater to the Publicly Owned Treatment Works (P.O.T.W.), storm drain, or the waters of the state.

Consultants

3711 Long Beach Boulevard
Ninth Floor
Long Beach, CA 90807-3315

310 426-9544
FAX 310 427-0805

SCS ENGINEERS

February 10, 1997
File No. 0196115.01

City of Glendale Fire Department
Environmental Management Center
Hazardous Materials Section
780 Flower Street
Glendale, California 91201

Attention: Industrial Waste Program

SUBJECT: ENGINEERING PLAN, MODIFICATIONS TO OIL/WATER SEPARATION APPARATUS, CONDENSATE PRETREATMENT SYSTEM, SCHOLL CANYON LANDFILL GAS RECOVERY FACILITY, 3001 SCHOLL CANYON ROAD, GLENDALE, CALIFORNIA (W-3142)

To Whom It May Concern:

This letter provides an Engineering Plan for modifications to the landfill gas (LFG) condensate pretreatment system at the Scholl Canyon LFG recovery facility. Modifications described herein apply specifically to proposed enhancements to the oil/water separation apparatus.

This document was prepared by SCS Engineers (SCS) on behalf of the Scholl Canyon LFG Limited Partnership (SC-LP) and is intended to meet the "engineering plan" requirements of the facility's industrial wastewater discharge permit (No. W-3142). The process modifications were designed and will be installed by Aqua-Serv Engineers (Aqua-Serv).

PROPOSED MODIFICATIONS TO THE OIL/WATER SEPARATION APPARATUS

General Specifications

LFG condensate generated by the compression station will be directed to a 4,000 gallon tank for equalization and storage prior to treatment. The equalization tank will be equipped with a skimming device that will remove floating oil, if any, to the maximum extent possible. The skimmed oil will flow by gravity into the existing above ground waste oil storage tank.

After equalization, condensate will be pumped through a chemical treatment system to enhance oil/water separation. The chemical treatment process will function to break oil emulsions in the condensate and to facilitate oil flocculation through the following process steps:

- **pH Adjustment #1.** This first pH adjustment step will prepare the condensate for the breaking of oil emulsions. The pH of the condensate will be lowered through in-line injection and mixing of sulfuric acid which will be controlled using a pH meter and controller. The design pH for this process step will be between 4.0 and 5.0; however, start-up testing will determine the final operating pH.

- **Chemical Addition #1.** After pH adjustment, a chemical polymer (Aqua-Serv No. X6201) will be injected into the condensate and mixed using an in-line mixer. This polymer will assist in the breaking of oil emulsions in the condensate.

- **Chemical Addition #2.** The second chemical added to the system is an emulsion breaker (Aqua-Serv No. 9420) which will work in conjunction with X6201 to complete the breaking of oil emulsions.

- **pH Adjustment #2.** This second pH adjustment step will prepare the condensate for oil flocculation and will consist of adding sodium hydroxide to raise the pH of the process stream. The design pH for this process step will be between 9.0 and 10.0; however, start-up testing will determine the final operating pH.

- **Chemical Addition #3.** A chemical coagulant (Aqua-Serv No. 9423) will be injected into the condensate and mixed using an in-line mixer. This chemical is the first of two coagulants that will be added to the system.

- **Chemical Addition #4.** The second chemical coagulant (Aqua-Serv No. 9406) will also be injected into the condensate and mixed using an in-line mixer.

- **Chemical Addition #5.** Following the addition of the two coagulants, a chemical flocculant (No. 9073) will be added to the system and mixed using an in-line mixer. This flocculant will complete the chemical treatment process.

- **Oil/Water Separator.** After chemical treatment, treated condensate will flow into the existing surge tank and oil/water separator for physical separation. The removed oil will flow by gravity into the existing above ground waste oil tank. The treated effluent will flow into the existing effluent storage tank and then will be pumped to the condensate storage tanks at the air stripper station. The remainder of the pretreatment process remains unchanged at this time: air stripping, carbon adsorption, and final discharge.

All process and chemical tanks used in this system will be equipped with adequate secondary containment and will be vented to an existing carbon adsorption system ("vent scrub" unit). Treatment chemicals will be stored in 110- or 165-gallon chemical tanks and injected using automatic chemical metering pumps. With the exception of the chemical flocculant, liquid chemicals will be mixed using in-line, continuous static mixers. The flocculant (9073) is a dry solid chemical and will be mixed, prior to injection, in a 200-gallon chemical tank equipped with an agitator.

Basis of Design

Prior to selecting the above process design for implementation at the site, SCS and SC-LP reviewed two proposed options for oil/water separation at the Scholl Canyon facility. These options were delineated in "design-build" proposals submitted by Maloney Process Inc. (MPI), dated April 1996, and Aqua-Serv, dated July 1996 (revised December 1996). These proposals are provided as attachments to this document.

In addition to the proposals, SCS observed and reviewed treatability tests completed by MPI and Aqua-Serv. Through chemical treatment of the condensate, the two contractors proposed to provide enhanced removal of oil from the condensate. Treatability tests completed by the contractors included laboratory-scale tests on raw condensate samples collected from the Scholl Canyon site. These laboratory tests were intended to mimic the full-scale treatment systems proposed by the contractors.

In both cases, the contractors were able to achieve substantial visible oil/water separation using chemical treatment. However, only Aqua-Serv was able to verify adequate oil removal through laboratory testing. Laboratory results (copies enclosed) for treated condensate samples indicate that MPI was only able to achieve a residual oil and grease level (as measured by EPA Method 413.2) of 418 mg/L. Aqua-Serv was able to achieve a residual oil and grease level of 67.2 mg/L.

Note that oil and grease levels in the raw condensate ranged from 3,000 to 5,000 mg/L. As a second point of reference, the air stripper at the site is rated for effective performance at oil and grease levels less than 100 mg/L.

Since the capital costs associated with each proposal were similar (i.e., approximately $38,000 for MPI and $43,000 for Aqua-Serv), SCS recommended that SC-LP enlist the services of Aqua-Serv on this project due to their demonstrable performance in the treatability studies. As such, a "design-build" contract for completion of modifications was awarded to Aqua-Serv.

System Installation

As indicated above, system installation will be completed by Aqua-Serv. A construction schedule will be provided to your office as soon as it is available. The anticipated start date for construction activities is February 18, 1997.

Throughout the duration of the project, SCS will oversee installation activities and provide construction quality assurance (CQA) on behalf of SC-LP. System start-up, periodic maintenance, and operator training will be provided by Aqua-Serv with assistance provided by SCS. SCS will also be developing an operations and maintenance (O&M) manual for use by operator personnel.

System Drawings and Specifications

As previously mentioned, a copy of the revised Aqua-Serv proposal (December 1996) is included for your files. This proposal contains the following attachments that will serve as the necessary design drawings and specifications for the system:

- **Attachment A.** Chemical dosages and costs based on a maximum design capacity of 4,000 gallon per day (gpd), excluding sulfuric acid and sodium hydroxide.

- **Attachment B.** Equipment listing and cost estimate for all necessary system components.

- **Attachment C.** Facility plot plan, showing the proposed location of the system modifications and additional equipment to be installed at the site. Note that the 20,000-gallon *Baker* tank has been taken out of service and removed from the facility.

- **Attachment D.** Process flow diagram, depicting all process steps, as described above.

We are hopeful that these drawings are sufficient to meet your needs at this time. Please note that SCS and/or SC-LP are not intending to produce "as-built" drawings after construction of the proposed modifications.

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CLOSING

The above modifications have been implemented to minimize many of the existing system problems that have been caused by excess oil in the waste stream. It is our belief that with the removal of oil from the system: (1) the current odor problem will be rectified, (2) the air stripper will operate properly, and (3) the carbon adsorption unit will be unnecessary or used only as a polishing unit.

If you have any questions regarding this submittal, please do not hesitate to contact me or Julio Nuno at (310) 426-9544.

Sincerely,

Patrick S. Sullivan

Patrick S. Sullivan, R.E.A.
Senior Project Scientist
SCS ENGINEERS

Attachments

cc: Jim Bier; SCS Field Services (w/o attachments)
Gordon Deane and Don Dargie; Palmer Management (w/o attachments)
John Kubis; Aqua-Serv (w/o attachments)

Long Beach, CA 90807-3315

SCS ENGINEERS

June 10, 1997
File No. 0196007.00, Task 17

Mr. Greg Ahern
City of Glendale Fire Department
Environmental Management Center
Hazardous Materials Section
780 Flower Street
Glendale, California 91201

SUBJECT: PROJECT TIME TABLE, UPGRADE TO CONDENSATE PRETREATMENT SYSTEM, SCHOLL CANYON LFG LIMITED PARTNERSHIP, 3001 SCHOLL CANYON ROAD, GLENDALE, CALIFORNIA (W-3142)

Dear Greg:

The enclosed letter details a response to your letter of May 5, 1997 to the Scholl Canyon Landfill Gas (LFG) Limited Partnership (SC-LP), regarding the condensate pretreatment system at the Scholl Canyon LFG processing facility. This response letter was prepared by SCS Engineers (SCS) on behalf of the SC-LP.

Your May 5, 1997 letter indicates that SC-LP failed to apply for renewal of its industrial wastewater discharge permit (W-3142) within 90 days of the expiration date (May 23, 1997) as required by the permit. The reason for this oversight was that SC-LP was anticipating receipt of a permit renewal application in the mail and did not. We apologize for the oversight.

As requested in your letter, SC-LP recently filed for a 90-day temporary industrial wastewater permit (IWP), which we assume has been granted. By our estimation, the 90-day temporary permit will expire on August 23, 1997. As indicated in our recent conversation, SC-LP will not be issued a formal permit renewal until modifications to the pretreatment system are complete. Therefore, by July 23, 1997 (30 days prior to the expiration of the temporary permit), SC-LP will file for a second temporary 90-day permit, which will allow us to operate through November 23, 1997. As shown in the enclosed project schedule, the modifications to the pretreatment system will be completed by November 1, 1997.

By October 23, 1997 (30 days prior to the expiration of the second temporary permit), SC-LP will be required to apply for a formal permit renewal, which, as we understand it, will entail preparation and submittal of a Baseline Monitoring Report (BMR) and tiered permitting documentation. If there is any additional documentation that must be completed for formal permit renewal, please forward a copy to SCS, who will be completing this work on behalf of SC-LP.

Finally, your May 5, 1997 letter requires that SC-LP submit a project time table, detailing specific milestones related to the upgrade of the condensate system. The proposed time table is presented below:

JUN 1997
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Hazardous Materials
Section (EMC)

Item/Activity	Completion Date
Completion of design plans and specifications and submittal to various reviewing agencies	July 3, 1997
Submittal of Baseline Monitoring Report (BMR)	July 15, 1997
Submittal of application for second temporary 90-day industrial wastewater permit	July 23, 1997
Construction of concrete slab and berm	August 1, 1997
Completion of concrete cure	September 1, 1997
Application of epoxy lining for concrete	September 5, 1997
Installation of system components	October 3, 1997
Submittal of application for formal permit renewal	October 23, 1997
Completion of start-up and system testing	October 31, 1997

We assume that this schedule will be acceptable to your office. Please note that a construction contract to complete the pretreatment system upgrades was recently awarded to Maloney Process Inc. (MPI). The project is currently underway. If you have any questions regarding this submittal, please do not hesitate to contact the undersigned or Jim Bier of SCS Field Services.

Sincerely,

Patrick S. Sullivan, R.E.A.
Senior Project Scientist
SCS ENGINEERS

cc: Jim Bier; SCS Field Services
Gordon Deane; SC-LP
Gerry Maloney; MPI
Steve Zurn; City of Glendale, Public Works
Jake Amar; City of Glendale, Public Works
John Kubis; Aqua-Serv
Karl Cornell; Tekadi Corporation

Appendix G
INTERVIEW FORMS