PA2014-110

March 7, 2014

EBB TIDE LLC
PO Box 19583
Irvine, CA 92623

ATTN: Mr. Sunti Kumjim

RE: Transmittal of Phase I Environmental Site Assessment Report for 1560-1570 Placentia Avenue, Newport Beach, California, Ecobility Project Number: 026-14-001-1.

Dear Mr. Kumjim:

Please fine attached a copy of the Phase I Environmental Site Report for the above referenced property. The report reflects the condition of the Subject Property on the date of the assessment and may not reflect its current condition.

This cover letter is an inherent part of the reports provided. If you have any questions or comments, or need additional information, please call our office at (310) 910-1499. Ecobility appreciates the opportunity to work with you on this project, and trusts that this information is sufficient for you needs.

Sincerely,

Valerie Marshall

Valerie Marshall
Principal

Attachments: PDF Copy of the Report

PA2014-110

PHASE I ENVIRONMENTAL ASSESSMENT REPORT

EBB TIDE MOBILE HOME PARK
1560-1570 PLACENTIA AVENUE
NEWPORT BEACH, CA 92663

Prepared For:

EBB TIDE LLC
PO Box 19583
Irvine, CA 92623

Prepared By:

Ecobility Corporation
P.O. Box 2651
Palos Verdes Penninsula, CA 90274

Project Number 026-14-001-1
March 07, 2014

Table of Contents

1.0 GENERAL INFORMATION **1**
2.0 SUMMARY AND EVALUATION **2**
2.1 ENVIRONMENTAL REPORT SUMMARY TABLE 2
2.2 FINDINGS AND CONCLUSIONS 4
2.2.1 DATA GAPS 5
2.2.2 HRECs 5
2.2.3 RECs 5
2.2.4 CONTROLLED RECs 6
2.3 RECOMMENDATIONS 6
3.0 INTRODUCTION **7**
3.1 CONTRACTUAL RELATIONSHIP 7
3.2 PURPOSE 7
3.3 SCOPE OF WORK 8
3.4 LIMITATIONS AND EXCEPTIONS 9
3.5 RELIANCE 10
3.6 SPECIAL TERMS & CONDITIONS 10
3.7 LOCATION AND SITE DESCRIPTION 10
3.8 ADJOINING PROPERTY INFORMATION 10
4.0 USER PROVIDED INFORMATION **12**
4.1 ACTUAL AND SPECIALIZED KNOWLEDGE 12
4.2 VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES 12
4.3 USER, OWNER, PROPERTY MANAGER AND OCCUPANT INFORMATION 12
4.4 TITLE RECORDS, ENVIRONMENTAL LIENS AND ACTIVITY/USE LIMITATIONS 13
4.5 COMMONLY KNOWN OR REASONABLY ASCERTAINABLE INFORMATION 13
4.6 OTHER LAND USE RECORDS 13
5.0 RECORDS REVIEW **14**
5.1 STANDARD ENVIRONMENTAL DATABASE RECORDS 14
5.2 PHYSICAL SETTING 25
5.2.1 TOPOGRAPHY 25
5.2.2 GEOLOGY 25
5.2.3 HYDROLOGY 25
5.3 HISTORICAL USE 26
5.3.1 HISTORICAL SUMMARY 26
5.3.2 CITY DIRECTORIES 26
5.3.3 AERIAL PHOTOGRAPHS 30
5.3.4 SANBORN FIRE INSURANCE MAPS 31
5.3.5 HISTORICAL TOPOGRAPHIC MAPS 31
5.3.6 OIL AND GAS MAPS 32
5.4 STATE AND MUNCIPAL RECORDS 32
5.5 OTHER ENVIRONMENTAL REPORTS 34
6.0 SITE RECONNAISSANCE **40**
6.1 METHODOLOGY AND LIMITING CONDITIONS 40
6.2 GENERAL SITE SETTING 40
6.3 SITE RECONNAISSANCE - SUBJECT PROPERTY 40
6.3.1 HAZARDOUS SUBSTANCES 41
6.3.2 PETROLEUM PRODUCTS 41
6.3.3 USTs 42
6.3.4 ASTs 42
6.3.5 ODORS 42

Table of Contents

6.3.6 OTHER SUSPECT CONTAINERS 42
6.3.7 EQUIPMENT LIKELY TO CONTAIN PCBs 42
6.3.8 HEATING AND COOLING 42
6.3.9 INTERIOR STAINING/CORROSION 42
6.3.10 DRAINS AND SUMPS 42
6.3.11 PITS, PONDS AND LAGOONS/POOLS OF LIQUID 43
6.3.12 STAINED SOIL OR PAVEMENT 43
6.3.13 STRESSED VEGETATION 43
6.3.14 SOLID WASTE DUMPING/LANDFILLS 43
6.3.15 WASTE WATER/DISCHARGE FEATURES 43
6.3.16 WELLS 43
6.3.17 SEPTIC SYSTEMS 43
6.4 SITE RECONNAISSANCE - ADJOINING PROPERTIES 44
6.4.1 HAZARDOUS SUBSTANCES 44
6.4.2 PETROLEUM PRODUCTS 44
6.4.3 USTs 44
6.4.4 ASTs 45
6.4.5 ODORS 45
6.4.6 OTHER SUSPECT CONTAINERS 45
6.4.7 EQUIPMENT LIKELY TO CONTAIN PCBs 45
6.4.8 HEATING AND COOLING 45
6.4.9 INTERIOR STAINING/CORROSION 45
6.4.10 DRAINS AND SUMPS 45
6.4.11 PITS, PONDS AND LAGOONS/POOLS OF LIQUID 46
6.4.12 STAINED SOIL OR PAVEMENT 46
6.4.13 STRESSED VEGETATION 46
6.4.14 SOLID WASTE DUMPING/LANDFILLS 46
6.4.15 WASTE WATER/DISCHARGE FEATURES 46
6.4.16 WELLS 46
6.4.17 SEPTIC SYSTEMS 46
7.0 INTERVIEWS **47**
Appendices
Appendix A FIGURES 48
Appendix B PHOTOGRAPHS 51
Appendix C HISTORICAL RESEARCH 70
Appendix D REGULATORY RECORDS 182
Appendix E QUALIFICATIONS 790
Appendix F ADDITIONAL DOCUMENTATION 804

1.0 GENERAL INFORMATION

Project Information:
EBB TIDE LLC - NEWPORT BEACH PROJECT
Project Number:
026-14-001-1

Consultant Information:
Ecobility Corporation
P.O. Box 2651
Palos Verdes Penninsula, CA 90274
Phone: (310) 910-1499
Fax: (310) 377-3745
E-mail Address: valerie.marshall@ecobilitycorp.com
Inspection Date: 01/27/2014
Report Date: 03/07/2014

Site Information:
EBB TIDE MOBILE HOME PARK
1560-1570 PLACENTIA AVENUE
NEWPORT BEACH, CA 92663
County: Orange
Latitude, Longitude: 33.631100, -117.931400
Site Access Contact: Joe Labarbera

Client Information:
EBB TIDE LLC
Mr. Sunti Kumjim
PO Box 19583
Irvine, CA 92623

Site Assessor:
Valerie Marshall
Senior Scientist

Senior Reviewer:
Michael M. Mooradian
Principal

Certification:

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in 40 CFR Part 312. I have the specific qualifications, based on education, training and experience to assess a property of the nature, history and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Valerie Marshall - Senior Scientist

2.0 SUMMARY AND EVALUATION

Ecobility Corporation (Ecobility) has performed a Phase I Environmental Site Assessment (ESA), in conformance with the scope and limitation of ASTM E 1527-13 for the property located at 1570 Placentia Avenue in the City of Newport Beach, California (See Figure 1). The Phase I ESA was conducted in general accordance with Ecobility's proposal dated January 17, 2014.

The Subject Property is comprised of one rectangular parcel (APN: 424-131-18) of land developed with the Ebb Tide Mobile Home Park (ETMHP). The mobile home park is comprised of approximately 80 individual mobile homes. The surface is paved with asphalt with small landscaped areas around the perimeter of the individual mobile homes. Concrete parking area are located adjacent to many individual mobile homes. A pool with a recreation or activities building is located in the northwest portion of the property along the west property boundary and an office, laundry room and central mailbox area is located near the entrance to the mobile home park. The property totals approximately 4.65 acres. Access to the property is from Placentia Avenue to the west.

Based on the reviewed historical records the Subject Property was undeveloped land from approximately 1901 to 1927 and agricultural land from approximately 1927 to 1953. City Directories searched listed the Subject Property as Ebb Tide Trailer Park in 1955. The current mobile home park was listed in City Directories searched in 1966 and was visible in aerial photos in 1963 to 2012.

Ecobility reviewed Federal, state and local regulatory databases provided Environmental Data Resources, Inc. (EDR) to assess the Subject Property and known or suspected sites of environmental contamination within the search distance from the Subject Property as specified in ASTM Standard E 1527-13. The Subject Property was not listed on any federal, state or local regulatory databases.

Based on the Tier 1 assessment conducted in general accordance with ASTM E 2600-10, the adjoining property to the north (775-777 West 16th Street) was identified as a existing vapor encroachment condition to the Subject Property.

The property is located in a mix of industrial/commercial businesses with residential along Placentia Avenue. The surrounding property is primarily industrial/commercial businesses to the north, with a mixture of commercial/retail businesses and residential to the east, residential mixed with commercial/retail to the south and commercial/industrial businesses mixed with residential to the southwest. Immediately north of the property is industrial/commercial businesses and vacant industrial building along West 16th Street; to the east is commercial businesses; to the south is multi-tenant residential apartments and to the west is Placentia Avenue followed by industrial and commercial businesses.

2.1 ENVIRONMENTAL REPORT SUMMARY TABLE

Ecobility Corporation has performed a Phase I Environmental Site Assessment in conformance with the Scope of Work developed in cooperation with the client and the provisions of ASTM Practice E 1527-13. Any exceptions to, or deletions from, this practice are described in various sections of this report.

Within the scope of this investigation, Ecobility Corporation discovered evidence of recognized environmental conditions in connection with the Subject Property. The findings and conclusions of this report are discussed below.

2.0 SUMMARY AND EVALUATION (continued)

2.1 ENVIRONMENTAL REPORT SUMMARY TABLE (continued)

Report Section		DATA GAP	HREC	REC	CREC	Further Investigation	Comments
3.8	**ADJOINING PROPERTY INFORMATION**	No	No	Yes	No	X	A sump was observed in the southeast corner of the north adjoining property. In addition, groundwater monitoring wells were observed near the south property boundary of the property. A Supplemental Site Investigation Report prepared by ENVIRON for the adjoining property (775-777 W. 16th St.), reported the highest PCE and TCE concentrations in soil, soil vapor and groundwater in the vicinity of a sump located in the southeast corner of the property. The adjoining sump, on-site groundwater monitoring wells and the presence of PCE and TCE in groundwater, soil vapor and soil is considered a VEC and REC to the Subject Property. Stained asphalt was observed in and around the adjoining surface grate of the sump. The presence of stained asphalt is considered an REC to the Subject Property.
5.1	**STANDARD ENVIRONMENTAL DATABASE RECORDS**	No	No	No	No		The Costa Mesa Site Discovery Project is an area is bounded by Monrovia Avenue to west, Placentia Avenue to the east, and 18th Street to the north and 16th Street to the south. This area is listed on the RESPONSE and ENVIROSTOR databases. According to the ENVIROSTOR database this heavy industrial manufacturing area is slated for re-development. The RESPONSE and ENVIROSTOR databases listed this area as part of the DTSC Site Cleanup Program with a status of "No Further Action" on January 5, 2012. The online DTSC ENVIROSTOR database reported that a Preliminary Endangerment Assessment (PEA) was completed on June 17, 2011. The regulatory status and proximity to the southeast boundary of the Discovery Project area, indicates a a VEC is not likely but cannot be ruled out. The facility is not considered a REC to the Subject Property.
5.3.1	**HISTORICAL SUMMARY**	No	No	No	No		
6.3.1	**HAZARDOUS SUBSTANCES**	No	No	Yes	No		
6.3.2	**PETROLEUM PRODUCTS**	No	No	No	No		
6.3.3	**USTs**	No	No	No	No		
6.3.4	**ASTs**	No	No	No	No		
6.3.5	**ODORS**	No	No	No	No		
6.3.6	**OTHER SUSPECT CONTAINERS**	No	No	No	No		
6.3.7	**EQUIPMENT LIKELY TO CONTAIN PCBs**	No	No	No	No		
6.3.8	**HEATING AND COOLING**	No	No	No	No		
6.3.9	**INTERIOR STAINING/CORROSION**	No	No	No	No		

2.0 SUMMARY AND EVALUATION (continued)

2.1 ENVIRONMENTAL REPORT SUMMARY TABLE (continued)

Report Section		DATA GAP	HREC	REC	CREC	Further Investigation	Comments
6.3.10	DRAINS AND SUMPS	No	No	Yes	No	X	A 2,000-3,000 gallon concrete sump is located on the north property boundary. A designated car wash area is located adjacent to the sump. The sump collects surface and stormwater runoff and is then pumped via an aboveground pipe to the municipal stormwater system on Placentia Avenue. No surface staining was observed during the site reconnaissance. The onsite sump is in close proximity to the sump (approximately 20-feet) on the adjoining industrial property to the north. The adjoining sump has been identified as a source of VOC contamination to the soil, soil vapor and groundwater. The onsite sump is considered a VEC and REC to the Subject Property.
6.3.11	PITS, PONDS AND LAGOONS/POOLS OF LIQUID	No	No	No	No		
6.3.12	STAINED SOIL OR PAVEMENT	No	No	No	No		
6.3.13	STRESSED VEGETATION	No	No	No	No		
6.3.14	SOLID WASTE DUMPING/LANDFILLS	No	No	No	No		
6.3.15	WASTE WATER/DISCHARGE FEATURES	No	No	No	No		
6.3.16	WELLS	No	No	No	No		
6.3.17	SEPTIC SYSTEMS	No	No	No	No		

2.2 FINDINGS AND CONCLUSIONS

The following presents a summary of findings and conclusions associated with the Phase I ESA performed for the Subject Property, including known or suspect RECs, HRECs, CRECs and de minimis environmental conditions.

- The Subject Property is composed of one parcel of land, totaling approximately 4.65 acres. The property is utilized as a mobile home park (Ebb Tide Mobile Home Park) with approximately 80 mobile homes of various sizes. The Subject Property was undeveloped land from approximately 1901 to 1927 and agricultural farm land from approximately 1927 to 1953. The property was developed as a trailer park in approximately 1963 and the current mobile home park in approximately 1966 to the present.
- No significant data gaps were encountered during the Phase I ESA.
- No evidence of aboveground storage tanks, underground storage tanks, the use or storage of hazardous chemicals, clarifiers, drum or other environmental concerns was observed during the site reconnaissance.
- No septic system was observed during site reconnaissance and according to the owner of the property, Mr. Joe Labarbera the property is connected to municipal sewer system.
- An approximately 2,000 to 3,000 gallon concrete sump was observed along the north property boundary. A wood shed like structure was constructed over the sump. A drain into the sump is located on the south side of the wood shed like structure. A hose bib and a coiled hose was observed on the south side of the wood shed. The south side of the sump is used by trailer park tenants to wash their cars. The sump is utilized to collect surface and stormwater runoff, which is then pumped via a pipe along the north property boundary, west onto Placentia Avenue and into the municipal stormwater system. The on-site sump is in close proximity to the adjoining sump that has been identified as a source of VOC contamination to the soil, soil vapor and groundwater. The use of the on-site sump to collect surface water from the car wash area and proximity to the adjoining sump to the north is considered a VEC and REC to the Subject Property.
- No surface staining was observed on the Subject Property during the site reconnaissance.
- A sump was observed in the southeast corner of the north adjoining property. In addition, groundwater monitoring wells were observed near the south property boundary of the property. A Supplemental Site Investigation Report prepared by ENVIRON for the adjoining property (775-777 W. 16th St.), reported the highest

2.0 SUMMARY AND EVALUATION (continued)

2.2 FINDINGS AND CONCLUSIONS (continued)

PCE and TCE concentrations in soil, soil vapor and groundwater in the vicinity of a sump located in the southeast corner of the property. The adjoining sump, on-site groundwater monitoring wells and the presence of PCE and TCE in groundwater, soil vapor and soil is considered a VEC and REC to the Subject Property.

- Stained asphalt was observed in and around the adjoining surface grate of the sump. The presence of stained asphalt is considered an REC to the Subject Property.
- The adjoining industrial property to the north (775-777 W. 16th St.) through long term industrial use has impacted the on-site soil, soil vapor and groundwater. Based on the review of available site investigation reports prepared for the adjoining industrial property to the north (775-777 W. 16th St.), VOCs, specifically PCE and TCE have migrated onto the Subject Property, impacting soil vapor and groundwater. Impacts to on-site soil has not been assessed. The adjoining property to the north and the impacts to soil vapor, groundwater and potentially soil with VOCs, including PCE and TCE is considered a VEC and REC to the Subject Property.

Ecobility has performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E 1527 of 1570 Placentia Avenue, Newport Beach, CA., the *property*. Any exceptions to, or deletions from, this practice are described in this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the property, with the following exception:

- The presence of PCE and TCE in soil vapor and groundwater on the Subject Property and in the vicinity of the adjoining on-site buildings and sump is considered a VEC and REC to the Subject Property.
- The use of the on-site sump to collect surface water from the car wash area and proximity to the adjoining sump to the north is considered a VEC and REC to the Subject Property.
- Stained asphalt was observed in and around the adjoining surface grate of the sump. The presence of stained asphalt is considered an REC to the Subject Property.

2.2.1 DATA GAPS

Pursuant to ASTM Standards, historical sources were obtained to document property use back to the property's first developed use or back to 1940, whichever was earlier. Historical data sources failure may occur when standard historical sources are not reasonably ascertainable. The review of historic topographic maps and aerial photographs indicate the Subject Property was undeveloped land from approximately 1901 to 1927 and agricultural farm land from approximately 1927 to 1953. The interior access roads were visible on topographic maps from 1965 to 1981. City Directories searched indicated the Subject Property is listed in 1955 as Ebb Tide Trailer Park. The current mobile home park was listed in City Directories searched in 1966 and was visible in aerial photos in 1963 to 2012. Based on the quality of historical sources reviewed for this assessment, the Subject Property was able to be researched back to its first use or 1940, therefore historical data failure was not encountered. No significant Data Gaps have been encountered for this property.

2.2.2 HRECs

This assessment has revealed no evidence of historic recognized environmental conditions in connections with the property.

2.2.3 RECs

Ecobility has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-13 of 1570 Placentia Avenue, Newport Beach, California. Any exceptions to, or deletions from, this practice are described in Section 3.4 of this report. This assessment has revealed evidence of recognized environmental conditions (RECs) in connection with the Subject Property.

2.0 SUMMARY AND EVALUATION (continued)

2.2 FINDINGS AND CONCLUSIONS (continued)

2.2.3 RECs (continued)

- According to a *Supplemental Site Investigation Report,* for the adjoining property to the north (775-777 W. 16th St.), prepared by ENVIRON, dated October 30, 2013, local groundwater has been impacted by PCE and TCE in upgradient, on-site and downgradient locations. The highest PCE and TCE concentrations in soil, soil vapor and groundwater were reported in the vicinity of a sump located in the southeast corner of the industrial property. Soil vapor data collected beneath the on-site buildings were below site-specific risk based target concentrations, except for two locations that TCE concentrations exceeded commercial RBTCs. Groundwater and soil vapor are impacted with chlorinated solvents, specifically PCE and TCE have migrated onto the Subject Property from the adjoining property to the north. The presence of PCE and TCE in on-site soil vapor and groundwater and beneath the on-site buildings is considered a VEC and REC to the Subject Property.

- A 2,000-3,000 gallon concrete sump is located on the north property boundary. A designated car wash area is located adjacent to the sump. The sump collects surface and stormwater runoff and is then pumped via an aboveground pipe to the municipal stormwater system on Placentia Avenue. No surface staining was observed during the site reconnaissance. The on-site sump is in close proximity to the sump (approximately 20-feet) on the adjoining industrial property to the north. The adjoining sump has been identified as a source of VOC contamination to the soil, soil vapor and groundwater. The on-site sump is considered a VEC and REC to the Subject Property.

2.2.4 CONTROLLED RECs

This assessment has revealed no evidence of controlled recognized environmental conditions in connections with the Subject Property.

2.3 RECOMMENDATIONS

Based on the information reviewed, Ecobility recommends additional assessment of the soil and soil vapor to assess whether VOCs, specifically PCE and TCE have migrated onto the Subject Property and impacted shallow or subsurface soils. In addition, soil and soil vapor in the vicinity of the on-site concrete sump should be assessed for VOCs, including PCE and TCE.

3.0 INTRODUCTION

Ebb Tide LLC authorized Ecobility Corporation to perform a Phase I Environmental Site Assessment (ESA) at 1570 Placentia Avenue in the city of Newport Beach, California. The Subject Property is comprised of one rectangular parcel of land, totaling approximately 4.65 acres. The Phase I ESA was conducted in general accordance with Ecobility's proposal dated January 9, 2014.

3.1 CONTRACTUAL RELATIONSHIP

The work reported in this report is based on the scope of work and Terms and Conditions submitted the Client, on January 9, 2014. Authorization to perform this assessment was given by Mr. Kye Evans of Ebb Tide LLC, via receipt of a signed contract on January 31, 2014. Instructions as to the location of the property, access and an explanation of the property and facilities to be assessed were provided by Mr. Kye Evans of Ebb Tide LLC and Mr. Joe Labarbera the property owner.

Ecobility Corporation considers the client to be the 'User' of this assessment as defined in ASTM E 1527-13 as "the party seeking to use Practice E 1527 to complete an environmental site assessment of the property. A user may include, without limitation, a potential purchaser of a property, a potential tenant of property, an owner of property, a lender or a property manager. The user has specific obligations for completing a successful application of this practice....."

3.2 PURPOSE

In accordance with the ASTM International (ASTM) E1527-13 Standard Practice for Environmental Site Assessments (ESAs) the purpose of the Phase I Environmental Site Assessment (ESA) was to evaluate the current and historical conditions of the Subject Property in an effort to identify recognized environmental conditions in connection with the Subject Property. A recognized environmental condition is defined by ASTM as:

Recognized Environmental Condition (REC) - The presence of or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include de minimis conditions that generally do not present a material risk to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate government agencies.

The identification of RECs in connection with the Subject Property may impose an environmental liability on owners or operators of the site, reduce the value of the site, or restrict the use or marketability of the site, and therefore, further investigation may be warranted to evaluate the scope and extent of potential environmental liabilities.

The United States Environmental Protection Agency (EPA) has stated that ASTM Standard E 1527-13 is consistent with the Standards and Practices for All Appropriate Inquiries (AAI), Final Rule (40 Code of Federal Regulations [CFR], Part 312) and is compliant with the statutory criteria for all AAI. AAI, as defined in the AAI Final Rule, must be conducted by persons seeking the landowner liability protections under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) prior to acquiring a property or seeking or receiving federal Brownfields grants under the authorities of CERCLA. The purpose of AAI, as defined in the AAI Final Rule, is to identify release and threatened releases of hazardous substances which cause or threaten to cause the incurrence of response costs.

In addition to RECs, the purpose of the Phase I ESA is to also evaluate historic environmental conditions and controlled recognized environmental conditions in connection with the Subject Property as defined below.

Historic Recognized Environmental Condition (HREC) is defined by ASTM as a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted residential use criteria established by a regulatory authority, without subjecting the property to any required control (for example property use restrictions, activity and use limitations, institutional controls, or engineering controls). If the past release is determined to be a REC at the time of the Phase I ESA, the condition will be considered a REC.

Controlled Recognized Environmental Condition (CREC) is defined by ASTM 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

3.0 INTRODUCTION (continued)

3.2 PURPOSE (continued)

agency (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by a regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (i.e., property use restriction, activity and use limitations, institutional controls or engineering controls). A condition identified as a CREC does not imply that the adequacy or continued effectiveness of the required control that has been, or is intended to be implemented has been evaluated or confirmed.

The Phase I ESA is being conducted as part of environmental due diligence in support of a possible property acquisition. It is assumed that this investigation is being conducted to identify recognized environmental conditions concerning the Subject Property, and to permit the user to satisfy one of the requirements to qualify for the innocent landowner defense to CERCLA liability. This investigation may mention but does not fully address non-scope considerations such as, but not limited to, asbestos containing materials (ACM), lead based paint, radon, lead in drinking water, mold, wetlands, regulatory compliance, cultural and historical resources, industrial hygiene, health and safety, ecological resources, endangered species, indoor air quality, and/or high voltage power lines, although, one or more may be mentioned in the report as a business environmental risk concern.

3.3 SCOPE OF WORK

The Phase I ESA conducted at the Subject Property was in general accordance with ASTM Standard E 1527-13 and included the following:

- A Tier 1 Vapor Encroachment Assessment;
- Review Sanborn Maps, City Directories;
- Review EDR Database search of federal and state environmental record sources for the site and for properties located within the minimum search distance prescribed by the ASTM;
- Review of available local agency regulatory files for the Subject Property, and if necessary, for selected properties in the site vicinity;
- Review Topographic Maps, Aerials Photographs and Site Photographs;
- Interviews with regulatory officials and personnel associated with the subject and adjoining properties;
- A site visit;
- A site vicinity reconnaissance to evaluate characteristics of adjacent or nearby properties for possible environmental influences on the site; and
- Evaluation of information and preparation of the report provided herein.

Typically, a Phase I ESA does not include sampling or testing of air, soil, groundwater, surface water, or building materials. These activities would be carried out in a Phase II ESA, if required. For this Phase I ESA, no additions to the ASTM E 1527-13 standard were made with the exception of the following: None.

The Scope of work also included a preliminary Tier I Vapor Encroachment Assessment in accordance with ASTM E 2600-10. There is currently discussion in the industry that this is an integral part of a Phase I ESA. The scope includes reviewing existing readily available information, as outlined in the standard and summarized below, in conjunction with application of professional judgment:

- Existing/planned use of the Target Property,
- Existing/planned type of structures,
- Surrounding area description,
- Federal, state, local, and tribal government records,
- Historical records for the Target Property and surroundings,
- General Physical Setting, including information on soils and the depth and direction of groundwater flow,
- Significant natural or man-made conduits that can serve as preferential pathways,
- User-specialized knowledge, experience, and commonly known or reasonably ascertainable information to the Target Property,
- All of the information gathered in the Phase I ESA.

The Tier I assessment includes a search distance test to determine if there are known or suspected contaminated

3.0 INTRODUCTION (continued)

3.3 SCOPE OF WORK (continued)

properties within the Area of Concern (generally a radius of 1/3 mile from the Target Property). If the chemicals of concern (volatile organic compounds or petroleum chemicals) are present or likely present on those contaminated or suspected properties then the characteristics of the identified chemicals of concern (COCs) are considered. Other information including, but not limited to, the physical characteristics of the area including soil types, the depth to groundwater and the direction of flow are considered along with the proposed use, construction type, and any significant natural or man-made features are considered to assess the degree of vapor encroachment condition that may exist. The Tier I includes an assessment of one of the following four conditions:

1. Vapor encroachment condition (VEC) exists,
2. A VEC likely exists,
3. A VEC cannot be ruled out,
4. A VEC can be ruled out because a VEC does not or is not likely to exist.

3.4 LIMITATIONS AND EXCEPTIONS

Ecobility has conducted a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-13 of the property located at 1570 Placentia Avenue, Newport Beach, CA 92614. Any exceptions to or deletions from this practice are described in Section 2.5 of this report.

Along with all of the limitations set forth in various sections of the ASTM E 1527-13 protocol, the accuracy and completeness of this report may be limited by the following

Access Limitations - None
Physical Obstructions to Observations - None
Outstanding Information Requests - None
Historical Data Source Failure - None
Other - None

Significant assumptions made by Ecobility in regards to this Phase I ESA include:

- Ecobility assumes all outside information collected and used, including that from regulatory agencies, database providers, interviews, title information, interviews and information provided from the client are complete and accurate.
- Ecobility interpreted and inferred groundwater depth and flow direction of the shallow groundwater based on readily available information and our experience. Actual depths and flow directions may vary locally as a result of numerous and complex factors that would require a more in depth investigation beyond the scope of this assessment.

The information and conclusions contained in this report are based upon work undertaken by trained professionals and technical staff in accordance with generally accepted engineering and scientific practices current at the time the work was performed. The conclusions and recommendations presented represent the best judgment of Ecobility based on the data obtained from the work. Due to the nature of investigation and the limited data available, Ecobility cannot warrant against undiscovered environmental liabilities. Conclusions and recommendations presented in this report should not be construed as legal advice. The services provided herein were not intended to be technically exhaustive and there is a possibility that with the proper application of methodologies, conditions may exist that were not reasonably identifiable from the available data. No ESA can wholly eliminate uncertainty regarding the potential for RECs in connection with a property. The ESA was intended to reduce, but not eliminate uncertainty regarding the potential for RECs in connection with a property.

Should additional information become available which differs significantly from our understanding of conditions presented in this report, we request that this information be brought to our attention so that we may reassess the conclusions provided herein.

It should be noted that this assessment did not include a review or audit of operational environmental compliance issues, or of any environmental management systems (EMS) that may exist on the property. Where required, the documents listed in Appendix C and D were used as reference material for the completion of the Phase I ESA. The Phase I ESA

3.0 INTRODUCTION (continued)

3.4 LIMITATIONS AND EXCEPTIONS (continued)

report is based on commonly known and reasonably ascertainable information much of which is obtained from other sources including, but not limited to, interviews, databases providers, insurance maps, and municipal records. Although attempts are made, whenever possible, to obtain a minimum of two confirmatory sources of information, Ecobility in certain instances is required to assume that the information provided is accurate. Ecobility cannot and does not warrant or guarantee that this information is accurate or complete. No other warranties are expressed or implied.

3.5 RELIANCE

This report has been prepared for the sole benefit of the Client (Ebb Tide LLC). The report may not be relied upon by any other person or entity without the express written consent of Ecobility Corporation and the Client with the following exception(s): None.

Reliance or any use of this report by anyone other than those parties identified above, for which it was prepared is prohibited and therefore not foreseeable to Ecobility Corporation. Any unauthorized reliance on or use of this report, including any of the information or conclusions contained herein, will be at the third party's risk. No warranties or representations expressed or implied in this report are made to any such third party.

Third party reliance letters may be issued upon timely request and payment of the then-current fee for such letters. All third parties relying on our report, by such reliance, agree that such reliance is limited by our proposal and General Conditions.

3.6 SPECIAL TERMS & CONDITIONS

Ecobility has prepared the Phase I ESA in accordance with the ASTM Standard Practice for E 1527-13. Findings within this report are based on information collected from observations made on the day of the site investigation and from reasonably ascertainable information obtained from the Client, local and state agencies and private sources. Ecobility is not responsible for consequences or conditions arising from facts that were concealed, withheld or not fully disclosed at the time the Phase I ESA was conducted.

This report does not warrant against future operations or conditions, nor does it warrant against operations or conditions present of a type or a location not investigated.

Subsurface conditions may differ from the conditions implied by the surface observation and can only be reliably evaluated through intrusive techniques.

Ecobility makes no representation or warranty that the past or current operations at the Subject Property are, or have been, in compliance with all applicable Federal, state and local laws, regulations and codes.

3.7 LOCATION AND SITE DESCRIPTION

The Subject Property is located north of 15th Street and south of the intersection of 16th West Street and Placentia Avenue. The Subject Property is comprised of one rectangular parcel (APN: 374-431-09) of land developed with the Ebb Tide Mobile Home Park. The surface is paved with asphalt with small landscaped areas around the perimeter of the individual mobile homes. Concrete parking areas adjoining individual mobile homes were observed throughout the mobile home park. A pool with an activities building is located in the northwest portion of the property along the west property boundary and an office, laundry room and mailboxes are located near the entrance to the mobile home park. The property totals approximately 4.65 acres. Access to the property is from Placentia Avenue to the west.

3.8 ADJOINING PROPERTY INFORMATION

During the vicinity site reconnaissance, Ecobility Corporation observed the land use on properties in the immediate vicinity of the Subject Property as listed in the following table.

3.0 INTRODUCTION (continued)

3.8 ADJOINING PROPERTY INFORMATION (continued)

Direction From Site	Occupant	Use	Comments
North	Various commercial/industrial businesses	Commercial/ Industrial	Adjoining property to the north include: Criterion Machine Works (765 W. 16th St.); Vacant Industrial Buildings (775-777 W. 16th St.); Auto Connect USA (779 W. 16th St.); M&M Auto Repair/Executive Auto Sales (789 W. 16th St.); Full Throttle Restoration & Repair (785 W. 16th St.) and Southern California Collectibles (787 W. 16th St.). A sump was observed in the southeast corner of the north adjoining property (775-777 W. 16th St.). In addition, groundwater monitoring wells were also observed on the adjoining property. The adjoining sump and presence of groundwater monitoring wells is considered a VEC and REC to the Subject Property. In
South	Newport Harbor Apartments	Residential	The adjoining property to the south is the Newport Harbor Apartments (1544-1530 Placentia Ave.).
East	Newport Nursing & Rehabilitation Center; commercial businesses	Commercial	The adjoining properties to the east include: Newport Nursing&Rehabilitation Center (1555 Superior Ave.) and a multi-tenant commercial building (501, 517, 523 and 527 Superior Ave.) followed by Superior Ave.
West	Furling & Rigging; seaside Deli & Catering; commercial/industrial businesses	Commercial/ Industrial	Adjoining property to the west include: Placentia Avenue followed by Seaside Deli & Catering (1559 Placentia Ave.); Furling & Rigging (1571 Placentia Ave.) and commercial/industrial businesses.

4.0 USER PROVIDED INFORMATION

The following sections summarize information provided by the User to assist the environmental professional in identifying the possibility of RECs in connection with the Subject Property, and to fulfill the User's responsibilities in accordance with Section 6 of ASTM Practice E 1527-13. Ecobility received an User Questionnaire, completed by Mr. Kye Evans, representing Ebb Tide LLC. The User Questionnaire is included in Appendix F.

An interview with the Owner of the Ebb Tide Mobile Home Park is discussed in Section 7.

4.1 ACTUAL AND SPECIALIZED KNOWLEDGE

Ebb Tide LLC provided Ecobility with various documents and correspondence for an ongoing site investigation on the adjoining industrial property (775-777 W. 16th St.) to the north. The site investigation is being conducted under the regulatory guidance of the Orange County Health Care Agency (OCHCA) and the Santa Ana Regional Water Quality Control Board (SARWQCB). Based on the documents reviewed, prior on-site operations on the adjoining industrial property have contributed to the presence of certain chlorinated solvents, primarily perchloroethylene (PCE) and trichloroethylene (TCE) in soil, soil vapor and groundwater. In addition, at the request of the OCHCA investigations off-site were conducted to assess potential VOC vapor intrusion at the Ebb Tide Mobile Home Park that is located adjacent and immediately south of the industrial property. The investigations on the Ebb Tide Mobile Home Park included: indoor air quality (IAQ) sampling, ambient air sampling, soil vapor and groundwater sampling. A summary of the documents and correspondence reviewed and status of the site investigation is provided in Section 5.5.

Mr. Joe Labarbera, Owner, Ebb Tide Mobile Home Park met Ecobility on-site to provide a site tour and was interviewed on January 27, 2014. Mr. Labarbera indicated he has owned the property since the early 1970's. Prior to the mobile home park, the property was a state operated trailer park. The ETMHP contains approximately 80 mobile home tenant spaces that are single and double wide. Mr. Labarbera indicated the Subject Property has never been on a septic system to his knowledge, the property has always been connected to the municipal sewer system. Mr. Labarbera walked the property with Valerie Marshall, Environmental Professional with Ecobility and advised that the on-site concrete sump was approximately 2,000 to 3,000 gallons, and received surface water from an adjoining car wash area and storm water during rain events. Ecobility was advised that the sump has an alarm system that is triggered when water in the sump reaches a certain level and is pumped via a 2-inch above ground plastic pipe that runs along the north property boundary, west to Placentia Avenue and into the municipal storm water system. Mr. Labarbera advised that during historic rain events the sump on the adjoining industrial property to the north sometimes overflowed onto the mobile home park property and into the on-site sump. A concrete curb was built along the north property boundary, next to the on-site sump, to prevent any overflow from the adjoining sump from flowing back onto the mobile home park property. Mr. Larbarbera showed Ecobility where the sump is located on the north adjoining property and its proximity to the mobile home park. Mr. Labarbera provided an overview of the on-site and off-site site investigation that has been conducted on the Subject Property. Mr. Labarbera indicated that he was not aware of any environmental liens or AULs associated with the property.

Mr. Kye Evans with Ebb Tide LLC, representing the perspective purchaser of the property, provided Ecobility with a site map of the project location and Owner contact information.

4.2 VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES

Based on the completed User Questionnaire (Appendix F) completed by Mr. Evans of Ebb Tide LLC, the Subject Property is being purchased at current market value. No other information was provided regarding the property valuation and environmental issues.

4.3 USER, OWNER, PROPERTY MANAGER AND OCCUPANT INFORMATION

Mr. Joe Labarbera, Owner of Ebb Tide Mobile Home Park, provided a site tour and was interviewed to obtain key site information on the history and current use of the property. Information obtained during the interview is detailed in Section 7.0 of this report. Mr. Labarbera provided an overview of the on-site and off-site site investigation that has been conducted on the Subject Property. Mr. Labarbera indicated that he was not aware of any environmental liens or AULs associated with the property. Please refer to Section 7 for a more detailed discussion of the interview with Mr. Labarbera.

4.0 USER PROVIDED INFORMATION (continued)

4.3 USER, OWNER, PROPERTY MANAGER AND OCCUPANT INFORMATION (continued)

4.4 TITLE RECORDS, ENVIRONMENTAL LIENS AND ACTIVITY/USE LIMITATIONS

Preliminary Title Records

A Preliminary Title Report prepared by First American Title Company were provided by Ebb Tide LLC for 1560-1570 Placentia Avenue, Newport Beach and included: Commitment for Title Insurance, dated January 9, 2014 between Totah Family Partnership and Ebb Tide LLC and the Owners Policy of Title Insurance. Also included in the report is a legal description for the property, a grant deed and a grant of easement to Southern California Edison. The Preliminary Title Report can be found in Appendix F of this report.

Environmental Liens and Activity/Use Limitations

The Practice requires that the User provide information about Environmental [Cleanup] Liens and Activity and Use Limitations (AULs) currently recorded against the property and indicates that the User should engage a title company to do the review or negotiate such engagement as an addition to the environmental professional's (EP) services. In addition, the Practice suggests that the User provide the EP with certain other information about the property and the reason for the Phase I ESA. Ecobility sent a questionnaire to Ebb Tide LLC requesting this information. The questionnaire/response was completed by Mr. Kye Evans, of Ebb Tide LLC which is appended. The Client has not reported any knowledge of activity use limitations (AULs) or environmental liens for the Subject Property based on our interviews and the completed User Questionnaire included in Appendix F.

At the request of Ebb Tide LLC an environmental lien search was conducted by Environmental Data Resources (EDR), dated January 20, 2014. According to the EDR Lien Search Report, the Subject Property is composed of one parcel of land (APN: 424-131-18) owned by Raymond P. and Marie B. Totah. The information indicated that environmental liens or other AULs were not found for the Subject Property. A copy of the EDR Lien Search Report is included in Appendix C.

4.5 COMMONLY KNOWN OR REASONABLY ASCERTAINABLE INFORMATION

Ebb Tide LLC provided Ecobility with various documents and correspondence for an ongoing site investigation on the adjoining industrial property (775-777 W. 16th St.) to the north. The site investigation is being conducted under the regulatory guidance of the Orange County Health Care Agency (OCHCA) and the Santa Ana Regional Water Quality Control Board (SARWQCB). A summary of the documents and correspondence reviewed is provided in Section 5.5.

4.6 OTHER LAND USE RECORDS

During the Phase I ESA assessment no other land use records were available or reviewable.

5.0 RECORDS REVIEW

5.1 STANDARD ENVIRONMENTAL DATABASE RECORDS

Ecobility contracted Environmental Data Resources, Inc. (EDR) to conduct a search of Federal and State databases containing known and suspected sites of environmental contamination. The number of listed sites identified within the approximate minimum search distance (AMSD) from the Federal and State environmental records database listings specified in ASTM Standard E 1527-05 are summarized in the following table. Detailed information for sites identified within the AMSDs is provided below, along with an opinion about the significance of the listing to the analysis of recognized environmental conditions in connection with the subject property. Copies of the EDR research data and a description of the databases are included in Appendix D of this report.

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NPL	0	1	0	0	0	0	NR	0
Proposed NPL	0	1	0	0	0	0	NR	0
CERCLIS	0	0.5	0	1	0	NR	NR	1
CERCLIS-NFRAP	0	0.5	1	2	0	NR	NR	3
CORRACTS	0	1	0	1	0	0	NR	1
RCRA-TSDF	0	0.5	0	1	0	NR	NR	1
RCRA-LQG	0	0.25	1	2	NR	NR	NR	3
RCRA-SQG	0	0.25	2	9	NR	NR	NR	11
US ENG CONTROLS	0	0.5	0	0	0	NR	NR	0
US INST CONTROL	0	0.5	0	0	0	NR	NR	0
ERNS	0	TP	NR	NR	NR	NR	NR	0
FUDS	0	1	0	0	0	1	NR	1
US BROWNFIELDS	0	0.5	0	0	0	NR	NR	0
EDR US Hist Cleaners	0	0.25	0	1	NR	NR	NR	1
EDR US Hist Auto Stat	0	0.25	7	10	NR	NR	NR	17
LUST	0	0.5	0	10	12	NR	NR	22
UST	0	0.25	2	10	NR	NR	NR	12
HIST UST	0	0.25	1	6	NR	NR	NR	7
VCP	0	0.5	0	0	1	NR	NR	1
DRYCLEANERS	0	0.25	0	1	NR	NR	NR	1
SWEEPS UST	0	0.25	1	3	NR	NR	NR	4
ENVIROSTOR	0	1	1	3	7	10	NR	21
HWP	0	1	0	1	0	0	NR	1
CA FID UST	0	0.25	1	3	NR	NR	NR	4
SLIC	0	0.5	2	1	0	NR	NR	3
INDIAN LUST	0	0.5	0	0	0	NR	NR	0
INDIAN UST	0	0.25	0	0	NR	NR	NR	0
INDIAN VCP	0	0.5	0	0	0	NR	NR	0
INDIAN ODI	0	0.5	0	0	0	NR	NR	0
INDIAN RESERV	0	1	0	0	0	0	NR	0

DETAIL SUMMARY

Site Name:
Databases: EDR US Hist Auto Stat
Address: 1544 PLACENTIA AVE
Distance: 204
Direction: Southwest
Elevation: Lower
Comments: The site address is located adjoining to the south-southwest. The site is listed on the EDR U.S. Historic Auto Station database as Mobile Harbor Services in 2003 to 2006. No other information is listed or provided. The former use of the of the property is not known and could not be verified. The property is currently multi-family apartments.

5.0 RECORDS REVIEW (continued)

5.1 STANDARD ENVIRONMENTAL DATABASE RECORDS (continued)

Comments: The down gradient location indicates that a VEC is not likely but cannot be ruled out. The facility is not considered a REC to the Subject Property.

Site Name: CAMERA READY CARS
Databases: EMI, HAZNET, RCRA-SQG
Address: 1577 PLACENTIA AVE
Distance: 254
Direction: NNW
Elevation: Higher
Comments: This facility is located north-northwest across Placentia Ave. from the Subject Property. The facility is listed on the RCRA-Small Quantity Generator (SQG) database in September 1996 as generating hazardous waste. The facility is also listed as a historical large quantity generator (LQG) in July 1988. The type of waste generated was not reported.

The facility is also listed on the HAZNET database that reports facilities that dispose of hazardous waste. The type of waste generated included: aqueous solution with total organic residues 10 percent or more in 1995 and unspecified solvent mixture in 1993. The facility is also listed on the EMI (Emissions Inventory) database that includes data collected by the state Air Resources Board and local air pollution agencies that identify facilities with toxic and criteria pollutant emissions. This facility is listed in 1987, 1990 and 1995 with permitted air emissions. No regulatory violations were listed.

The generation of solvent waste and proximity indicates that a VEC is not likely but cannot be ruled out. The facility is not considered a REC to the Subject Property.

Site Name:
Databases: EDR US Hist Auto Stat
Address: 787 W 16TH ST
Distance: 505
Direction: North
Elevation: Higher
Comments: The site address is listed on the EDR U.S. Historic Auto Station database in 2011 as Full Throttle Restoration and Repair. No other information is listed or reported.

The former use and proximity of this former auto repair and restoration facility from the Subject Property indicates that a VEC is not likely but cannot be ruled out. The facility is not considered a REC to the Subject Property.

Site Name:
Databases: EDR US Hist Auto Stat
Address: 785 W 16TH ST
Distance: 507
Direction: North
Elevation: Higher
Comments: The site address is listed on the EDR U.S. Historic Auto Station database in 2012 as Full Throttle Restoration and Repair. The same business is also listed at 787 W. 16th Street in 2011. No other information is listed or reported.

The proximity of this former auto repair and restoration facility from the Subject Property indicates that a VEC is not likely but cannot be ruled out. The facility is not considered a REC to the Subject Property.

Site Name:
Databases: EDR US Hist Auto Stat
Address: 789 W 16TH ST
Distance: 509
Direction: North
Elevation: Higher
Comments: The site address is listed on the EDR U.S. Historic Auto Station database in 2012 as Full Throttle Restoration and Repair. The same business is also listed at 787 W. 16th Street in 2011. No other information is listed or reported.

5.0 RECORDS REVIEW (continued)

5.1 STANDARD ENVIRONMENTAL DATABASE RECORDS (continued)

Comments: The proximity of this former auto repair and restoration facility from the Subject Property indicates that a VEC is not likely but cannot be ruled out. The facility is not considered a REC to the Subject Property.

Site Name: HIXSON METAL FINISHING
Databases: ENVIROSTOR, SLIC, CA FID UST, HIST UST, NPDES, CERCLIS-NFRAP, SLIC, WDS, SWEEPS UST, RCRA-LQG
Address: 829 PRODUCTION PL
Distance: 525
Direction: West
Elevation: Higher
Comments: This facility is listed on the CERCLIS-NFRAP (No Further Remedial Ation Planned) site with a status of "removal only site no site assessment work needed."

The facility is listed on the NPDES (National Pollution Discharge Elimination System) and WDS (Waste Discharge System) that identifies sites with permitted waste water including storm water discharge. The facility is listed with an industrial permit and a "active" status.

The facility is listed on the following regulatory databases:
RCRA-LQG database in November 2012. The type of waste generated included: ignitable, reactive and corrosive hazardous wastes, arsenic, barium cadmium, chromium lead, mercury, silver, wastewater treatment sludges and spent cyanide plating bath solutions from electroplating operation. The facility is listed as a historical RCRA-LQG in 2010, 2008, 2006, 2004, 2002, 1996, 1992, 1990 and 1980. The facility is listed as receiving notices of violations in June 2010, March 2008, July 2004, June 2004 and August 1990. All violations listed were reported as achieving compliance.

The facility is listed on the SWEEPS UST and CA FID (Facility Index)databases with an "active" status for a 1-12,000 gallon tank containing gasoline; the Historic UST database with a former 1,200 gallon tank containing "waste."

The facility is listed on the SLIC (Spills, Leaks, Investigation and Cleanup) database maintained by the State Water Resources Control Board (SWRCB) with a release of fire runoff to surface water due to a fire on July 8, 2003. The incident status is listed as "completed-case closed" on June 23, 2009.

The facility is listed on the state ENVIROSTOR database that is maintained by the DTSC and identifies sites that known contamination or sites for which there may be reasons to investigate further. According to the online DTSC ENVIROSTOR database Hixton Metal Finishing has operated in this location since 1962. Site operations include: plating, anodizing, spray painting, and vacuum cadmium application.The owner of Hixson Metal Finishing entered into an active Corrective Action and Consent Agreement Oversight with the DTSC in September 2002. The constituents of concern are identified as PCE, TCE, chromium III and nickel in soil, soil vapor and groundwater. In August 2002, DTSC conducted a Phase I Environmental Assessment Inspection at the facility and recommended further investigation. Further facility investigation under DTSC oversight confirmed presence of solvents in soil gas, soil, and groundwater onsite. Based on the results of the indoor air industrial hygiene survey, the detected indoor air concentrations of PCE were below the PEL (occupational health exposure limit). Chromium soil contamination was confirmed below one of the buildings onsite. Based on the results of the off-site groundwater and soil gas sampling, PCE and TCE have impacted groundwater and soil gas downgradient of the facility. The facility is located over a known regional groundwater plume. A soil vapor extraction pilot study conducted in 2012. A permanent SVE system has been planned, and will be implemented over an approximate time frame of 24 months.

The site is under the regulatory guidance of the DTSC and based on distance and cross-gradient location from the Subject Property indicates that a VEC is not likely but cannot be ruled out. The facility is not considered a REC to the Subject Property.

Site Name: CRITERION MACHINE WORKS
Databases: RCRA-SQG, FINDS
Address: 765 W SIXTEENTH ST
Distance: 587
Direction: NNE
Elevation: Higher
Comments: This adjoining property is listed on the RCRA-SQG database as generating hazardous waste in September 1996. The type of waste generated was not reported. This facility was also listed as a RCRA-LQG in July 1985. The facility is listed with a

5.0 RECORDS REVIEW (continued)

5.1 STANDARD ENVIRONMENTAL DATABASE RECORDS (continued)

Comments: violations status of "no violations found."

The proximity to the Subject Property and "no violations" status indicates that a VEC is not likely but cannot be ruled out. The facility is not considered a REC to the Subject Property.

Site Name: NEWPORT HEALTH CENTER LLC; HUGHES AIRCRAFT COMPANY
Databases: SWEEPS UST, HISTORIC UST, CA FID UST, EMI, HWP, LUST, RCRA-TSDF, CORRACTS, CERCLIS-NFRAP, RCRA-SQG, 2020 CORRECTIVE ACTION, SLIC, UST, ORANGE COUNTY INDUSTRIAL SITE, ENVIROSTOR
Address: 500 SUPERIOR AVE
Distance: 689
Direction: ESE
Elevation: Lower
Comments: The site address is listed as Hughes Aircraft Company. This facility is listed on the SWEEPS UST database with 1-840 gallon motor vehicle fuel tank with a status of "active." The facility is listed on the CA FID UST database with a status of "active." The number of tanks, capacity and contents of the tanks was not reported.

Hughes Aircraft Company was also listed on the following regulatory databases: the LUST and Orange County LUST databases with a release of diesel fuel reported on May 1, 1991 impacting soil only. The LUST status is listed as "completed case closed" on August 7, 1991. A release of solvents was reported on January 1, 1978 impacting other groundwater (uses other than drinking water) with the chemicals of concern reported as "solvents." The facility underwent site investigation/assessment and remediation activities and the current LUST status is "open-verification monitoring" on August 5, 2009. A review of the online SWRCB Geotracker database the facility is performing semi-annual groundwater monitoring with the most recent report submitted on December 17, 2013. The lead agency is listed as the Santa Ana Regional Water Quality Control Board (SARWQCB). The Hughes Aircraft facility is listed on the SLIC database with a status of "open-remediation" listed on October 1, 2007. The contaminants of concern were listed as solvents and media affected as "other groundwater (uses other than drinking water)."According to online SWRCB Geotracker database a Cost Recovery Agreement is in place, dated June 28, 2013, with the current owner Newport Health Center; the Orange County Industrial Site database listed the facility with a closed status on January 1, 1994 due to a release of PCE. According to the data a closure certification was issued. The facility is listed on the ENVIROSTOR database with a site type of "historical," and a status of "refer-RCRA" on May 10, 1995. The site is listed with no restricted use or site management requirements. The database reported a RCRA Facility Assessment Report was completed on December 8, 1999.

Hughes Aircraft Company Solid State Products Division is listed on the Historic UST database with 8 former tanks: 1-10,000 gallon gasoline, 1-4,000 gallon diesel, 1-1,560 gallon waste, 1-4,000 gallon waste, 1-450 gallon containing waste, 2-100 gallon tanks, the contents were not reported and 1-tank with the capacity and contents not reported. The facility is also listed on the EMI database with permitted air emission in 1987, 1990, 1993 and 1995 to 2001.

The site address is also listed as Newport Health Center LLC on the following regulatory databases: RCRA-TSDF (Treatment, Storage, Disposal Facility) in December 2006 as treating, storing or disposing of hazardous waste. The owner/operator of the facility is listed as Hoag Memorial Hospital. The facility is also listed as a historical generator under several businesses-Raytheon Systems Co. as a Large Quantity Generator (LQG) in 2000, 1999, 1996, 1980 and a Small Quantity Generator (SQG) in 1998 and Hughes Aircraft Company as a LQG in 1994, 1992 and 1990. The hazardous waste generated is listed as lead. The facility (a former Hughes Aircraft and Rayethon Micro Electronics Company) is listed on the ENVIROSTOR database with a site type of "corrective action," with no site management requirements or restricted use. The status of the facility is listed as "referred to RWQCB" on January 1, 2008. According to the DTSC online ENVIROSTOR database, the facility is under corrective action due to impacts to soil, soil vapor and groundwater from historic solvent use. Remedy/mitigation measures for the soil, soil vapor and groundwater have been approved and put into place in 2006. The ENVIROSTOR database also listed various facility violations in 1988, 1991 and 1993. Compliance was received for all violations listed.

The Newport Health Center LLC is also listed on the CERCLIS-No Further Remedial Action Planned (NFRAP) database with a status of "not on the NPL," site does not qualify for the NPL based on existing information. A preliminary assessment was completed in June 1983 and given a low priority for further assessment and the site was archived on March 12, 1990. The entire facility is listed on the CORRACTS database that identifies hazardous waste handlers with RCRA correction action activity; the LUST database with a release of solvents that impacted other groundwater from a tank in January 1978. The facility status is

5.0 RECORDS REVIEW (continued)

5.1 STANDARD ENVIRONMENTAL DATABASE RECORDS (continued)

Comments: listed as "pollution characterization" and is under the regulatory guidance of the Santa Ana RWQCB. A remediation plan was submitted in January 1998; the site is also listed on the HWP (ENVIROSTOR Permitted Facilities) database with a cleanup status of "closed" and a facility type of "historic-non-operating."

The constituents of concern (PCE), the sites regulatory status and downgradient location indicates that a VEC is not likely but cannot be ruled out. The facility is not considered a REC to the Subject Property.

Site Name: NEWPORT BEACH CORPORATE YARD
Databases: CERCLIS-NFRAP, LUST, CA FID UST, SWF/LF (SWIS), SWEEPS UST, UST, HISTORIC UST, ENVIROSTOR
Address: 592 SUPERIOR AVENUE
Distance: 814
Direction: East
Elevation: Lower
Comments: This facility is listed on the LUST database with 4 releases: 1) a release of solvents and gasoline was reported on June 11, 1986 impacting soil only. The LUST status is listed as "completed-case closed" on February 28, 1991; 2) a release of gasoline was reported on April 27, 1999 impacting soil only. The LUST status is listed as "completed-case closed" on December 21, 1999; 3) an authorized release of gasoline from a UST was reported on April 21, 2009. The site underwent remediation and received a "completed-case closed" status on April 28, 2010; 4) a release of diesel fuel reported on September 9, 2005 that impacted soil only. The facility status is reported as "completed-case closed" on July 24, 2013.

The site is listed on the ENVIROSTOR database as part of a RWQCB investigation of the adjacent Hughes Aircraft Co. site for PCE and TCE contamination in the groundwater. The site type is listed as "historical," and the site status is listed as "refer to RWQCB" on May 24, 1995.

The site is listed on the CERCLIS-NFRAP database with a preliminary site assessment completed on March 31, 1992. The site is reported as not qualifying for the NPL and the site was archived.

The site is listed on the CA FID UST database with a status of "active,"; the SWEEPS UST, and Historic UST databases with 6 former tanks: 2-12,000 gallon gasoline, 1-10,000 gallon diesel, 1-550 gallon, contents not reported and 1-1,000 gallon waste oil.

The site, a municipal yard owned and operated by the City of Newport Beach, is listed on the SWF/LF (Solid Waste Facility/Landfill) database. The site is a permitted large volume transfer/processing facility for construction, demolition and mixed municipal waste.

The "case closed" status of the LUSTs and downgradient location indicates that a VEC is not likely but cannot be ruled out. The facility is not considered a REC to the Subject Property.

Site Name: HURLBERT ENTERPRISES
Databases: LUST, EMI, UST, NPDES
Address: 1621 PLACENTIA AVE
Distance: 814
Direction: North
Elevation: Higher
Comments: This facility is listed with a unauthorized release of gasoline from a UST reported on May 25, 1993 impacting other groundwater. The LUST status is listed as "completed-case closed" on November 3, 1993. The site (Resinart Corp.) is listed on the NPDES database with an industrial discharge permit that is listed with a status of "terminated" on May 25, 2005. The site is also listed on the EMI database with permitted air emission in 1987 and 1990.

The site address is also listed as Resinart Corporation. This facility is listed on the RCRA_LQG database in 2009 and 2008 as generating ignitable hazardous wastes and spent non-halogenated solvents. The facility is listed as a historical LQG in 2000, 1999 and 1996; and a historical SQG in 2006 and 1988. The facility is listed with a violations status of "no violations found." Resinart Corp. is also listed on the EMI database with permitted air emissions in 1987, 1990 and 1995. No regulatory violations were listed for this facility.

The "case closed" LUST status and proximity indicates indicates that a VEC is not likely but cannot be ruled out. The facility is not considered a REC to the Subject Property.

5.0 RECORDS REVIEW (continued)

5.1 STANDARD ENVIRONMENTAL DATABASE RECORDS (continued)

Site Name: HARTMAN ENTERPRISES
Databases: CERCLIS, EMI, ENVIROSTOR
Address: 741 OHMS WAY
Distance: 1152
Direction: Northeast
Elevation: Lower
Comments: This facility is listed on the CERCLIS database that contains data on potentially hazardous waste site that have been reported to the USEPA by states, municipalities, private companies and private persons. A Preliminary Assessment completed for the site on June 1, 2010 reported the site as "NFRAP-site does not qualify for the NPL based on existing information."

The facility is listed on the ENVIROSTOR database with a site type of "evaluation," and a status of "inactive-needs evaluation" on November 9, 2010. The database reported the contaminant of concern as "contaminated soil, unspecified solvent mixtures and polymeric resin waste."

The site is also listed on the EMI database with permitted air emission in 1987 and 1990.

The use of solvents, distance and downgradient location indicates indicates that a VEC is not likely but cannot be ruled out. The facility is not considered a REC to the Subject Property.

Site Name: SMITH AND SONS PROPERTIES
Databases: LUST
Address: 735 OHMS WAY
Distance: 1168
Direction: Northeast
Elevation: Lower
Comments: This facility is listed on the LUST database with a unauthorized release of gasoline during a tank closure reported on August 16, 1990, impacting soil only. The LUST status is listed as "completed-case closed" on March 11, 1991.

The "case closed" status and impacts to soil only indicates this facility is not a VEC or REC to the Subject Property.

Site Name: FORD'S AUTOMOTIVE
Databases: LUST
Address: 705 OHMS WAY
Distance: 1255
Direction: Northeast
Elevation: Lower
Comments: This facility is listed on the LUST database with a unauthorized release of waste oil/used oil reported on July 30, 1991, during a tank closure impacting soil only. The LUST status is listed as "completed-case closed" on March 16, 1993.

The site address is also listed on the EDR U.S. Historical Auto Station database as Fords Automotive Service Corp. in 2001 to 2004 and 2006 to 2012. No other information is listed or reported.

The "case closed" status and impacts to soil only indicates this facility is not a VEC or REC to the Subject Property.

Site Name: PENNYSAVER
Databases: LUST
Address: 1660 PLACENTIA AVENUE
Distance: 1314
Direction: North
Elevation: Higher
Comments: This facility is listed on the LUST database with a unauthorized release of gasoline reported on August 7, 1992, impacting soil only. The LUST status is listed as "completed-case closed" on August 27, 1992.

The "case closed" status and impacts to soil only indicates this facility is not a VEC or REC to the Subject Property.

5.0 RECORDS REVIEW (continued)

5.1 STANDARD ENVIRONMENTAL DATABASE RECORDS (continued)

Site Name: JIM LEE PLUMBING
Databases: LUST, HIST UST
Address: 1540 SUPERIOR
Distance: 1395
Direction: ENE
Elevation: Lower
Comments: This facility is listed on the LUST database with a unauthorized release of gasoline that occurred during a tank closure. The media affected was not reported. The LUST status is listed as "completed-case closed" on September 3, 1986. The facility is also listed on the Historic UST database with 3-5,000 gallon tanks containing gasoline. No other information is listed or reported.

The "case closed" status and impacts to soil only indicates this facility is not a VEC or REC to the Subject Property.

Site Name: THE BOAT YARD
Databases: LUST, NPDES
Address: 1672 PLACENTIA AVE
Distance: 1465
Direction: North
Elevation: Higher
Comments: The site is listed on the NPDES database with an industrial permit effective May 16,2005 and an "active" status.

This facility is listed on the LUST database with a unauthorized release of diesel fuel reported on September 23, 1991, during a tank closure impacting soil only. The LUST status is listed as "completed-case closed" on November 27, 1991.

The "case closed" status and impacts to soil only indicates this facility is not a VEC or REC to the Subject Property.

Site Name: NEWPORT AUTOWORKS
Databases: LUST
Address: 121 INDUSTRIAL
Distance: 1478
Direction: ENE
Elevation: Lower
Comments: This facility is listed on the LUST database with a unauthorized release of waste oil reported during a tank closure on April 26, 1988 impacting soil only. The LUST status is listed as "completed-case closed" on April 25, 1990.

The down gradient location, "case closed" status and impacts to soil only indicates this facility is not a VEC or REC to the Subject Property.

Site Name: ALANAR CORPORATION
Databases: LUST
Address: 1697 PLACENTIA
Distance: 1769
Direction: North
Elevation: Higher
Comments: This facility is listed on the LUST database with a unauthorized release of waste oil during a tank closure and reported on March 8, 1988 impacting soil only. The LUST status is listed as "completed-case closed" on September 13, 1990.

The "case closed" status and impacts to soil only indicates this facility is not a VEC or REC to the Subject Property.

Site Name: FORMER EATON CORPORATION
Databases: Orange Co. Industrial Site, ENVIROSTOR, VCP
Address: 1640 MONROVIA AVE
Distance: 1867
Direction: Northwest
Elevation: Higher
Comments: This facility is listed on Orange County Industrial Site, ENVIROSTOR and Voluntary Cleanup Program (VCP) databases with a "closed" status on November 3, 2005. This facility was a former aerospace manufacturing business that was closed under the

5.0 RECORDS REVIEW (continued)

5.1 STANDARD ENVIRONMENTAL DATABASE RECORDS (continued)

Comments: Voluntary Cleanup Program. The chemicals of concern were listed as various solvents including PCE, TCE and 1,2 DCE that impacted soil, soil vapor and groundwater. The VCP database reported that all response actions for soil and soil vapor have been completed, with ongoing O&M and groundwater monitoring underway. The ENVIROSTOR database listed the site status as "active" on February 1, 2006.

The regulatory status, ongoing O&M operations and distance indicates a VEC is not likely but cannot be ruled out. The facility is not considered a REC to the Subject Property.

Site Name: COSTA MESA SITE DISCOVERY PROJECT
Databases: RESPONSE, ENVIROSTOR
Address: AREA BOUNDED BY MONROVIA AVENUE, PLACENTIA AVENUE, 16TH STREET
Distance: 1871
Direction: NNW
Elevation: Higher
Comments: This area is bounded by Monrovia Avenue to west, Placentia Avenue to the east, and 18th Street to the north and 16th Street to the south. This area is listed on the RESPONSE and ENVIROSTOR databases. According to the ENVIROSTOR database this heavy industrial manufacturing area is slated for re-development. The RESPONSE and ENVIROSTOR databases listed this area as part of the DTSC Site Cleanup Program with a status of "No Further Action" on January 5, 2012. The online DTSC ENVIROSTOR database reported that a Preliminary Endangerment Assessment (PEA) was completed on June 17, 2011.

The regulatory status and proximity to the southern boundary of the Discovery Project area, indicates a a VEC is not likely but cannot be ruled out. The facility is not considered a REC to the Subject Property.

Site Name: GRISWOLD INDUSTRIES; CLA-VAL CO.
Databases: LUST, CORTESE, RESPONSE, ENVIROSTOR
Address: 1701 PLACENTIA AVENUE
Distance: 1894
Direction: North
Elevation: Lower
Comments: CLA-VAL Company/Griswold Industries is listed on the LUST database with a unauthorized release of waste oil during a tank closure and reported on August 28, 1990 impacting soil only. The LUST status is listed as "case closed" on March 14, 2002. CLA-VAL Company/Griswold Industries is listed twice on the LUST database with a release of waste oil reported on July 20, 1987 and a "case closed" status on February 13, 1991.

CLA-VAL Company/Griswold Industries is listed on the RESPONSE database that identifies confirmed release sites where the DTSC is involved in remediation. The site status is listed as "active," on April 19, 2011 with the chemical of concern reported as PCE. This site is also listed on the ENVIROSTOR database with an "active" status on April 19, 2011.

Griswold Industries is listed as a RCRA_LQG of hazardous wastes in 2012,2010, 2008, 2006, 2002, 2000, 1999, 1998, 1996, 1994, 1992, 1990 and 1980. The hazardous wastes generated included: ignitable and corrosive hazardous waste, lead, chromium and cadmium waste.

The distance and down gradient location indicates this facility is not a VEC or REC to the Subject Property.

Site Name: VANCE & ASSOCIATES ROOFING INC
Databases: LUST, ORANGE COUNTY LUST
Address: 837 17TH
Distance: 1915
Direction: NNW
Elevation: Higher
Comments: This facility is listed on the LUST and Orange County LUST databases with a unauthorized release of waste oil reported during a tank closure on April 3, 1990 impacting soil only. The LUST status is listed as "completed-case closed" on August 8, 1996.

The "case closed" status and impacts to soil only indicates this facility is not a VEC or REC to the Subject Property.

5.0 RECORDS REVIEW (continued)

5.1 STANDARD ENVIRONMENTAL DATABASE RECORDS (continued)

Site Name: RALPH IRWIN SITE (FORMER A & G GARAGE)
Databases: LUST
Address: 488 OLD NEWPORT BLVD
Distance: 1935
Direction: ESE
Elevation: Lower
Comments: This facility is listed on the LUST database with a unauthorized release of gasoline, reported during a tank closure on November 17, 1992, impacting other groundwater. The LUST status is listed as "completed-case closed" on December 9, 1997.

The down gradient location and "case closed" status indicates this facility is not a VEC or REC to the Subject Property.

Site Name: WEBER FAMILY TRUST
Databases: LUST
Address: 1640 SUPERIOR AVE
Distance: 2080
Direction: ENE
Elevation: Lower
Comments: This facility is listed on the LUST database with a unauthorized release of gasoline, reported during a tank closure on June 5, 1996, impacting other groundwater. The LUST status is listed as "completed-case closed" on February 29, 2008.

The down gradient location and "case closed" status indicates this facility is not a VEC or REC to the Subject Property.

Site Name: PRECISION OPTICAL
Databases: ENVIROSTOR, RESPONSE
Address: 869 W 17TH ST
Distance: 2089
Direction: NNW
Elevation: Higher
Comments: The California Department of Toxic Substances Control (DTSC) worked with a contractor to develop a work plan, conduct an investigation, and develop a summary report for the Costa Mesa Site Discovery Investigation, an approximately 75-acre study area located in the southern portion of the City of Costa Mesa (City), California. The general boundaries of the Study Area were Monrovia and Placentia Avenues on the east and west, respectively, and 18th and 16th Streets on the north and south, respectively. Based on DTSC's direction, AMEC prepared a Site Discovery Investigation Report (report) to summarize soil gas,soil, and groundwater sampling conducted in the Study Area.

The Precision Optical Facility was included as an area of interest in the Costa Mesa Site Discovery, and a Consent Agreement was negotiated to conduct investigation. The facility is part of the DTSC Site Cleanup Program due to long term use as a manufacturing facility. The contaminant of concern is PCE that has impacted soil, soil vapor and other groundwater. Monthly progress reports and quarterly groundwater monitoring reports are submitted to the DTSC and RWQCB as part of the Consent Agreement. The most report groundwater monitoring report was submitted in January 2014. The ENVIROSTOR status is listed as "active."

The regulatory status, ongoing monitoring operations and distance indicates a VEC is not likely but cannot be ruled out. The facility is not considered a REC to the Subject Property.

Site Name: MAURER MARINE INC.
Databases: RESPONSE, ENVIROSTOR
Address: 873 WEST 17TH STREET
Distance: 2123
Direction: NNW
Elevation: Higher
Comments: This site is located in the Costa Mesa Site Discovery Project area. This area includes many industrial manufacturing and commercial businesses that are actively being investigated the SARWQCB and DTSC for PCE and TCE contamination in soil, soil vapor and groundwater.

5.0 RECORDS REVIEW (continued)

5.1 STANDARD ENVIRONMENTAL DATABASE RECORDS (continued)

Comments: Maurer Marine is a boat repair facility. According the DTSC online ENVIROSTOR database the property was developed for commercial use between 1958 and 1963. A reported metal recycling business operated at the property between about 1966 through 1995.

In March 2010, as part of an investigation conducted by DTSC's contractor, three multi-media sample locations were placed in the paved parking area east of the office/shop and warehouse building. Results indicate that further investigation is warranted.

The site is listed on the RESPONSE and ENVIROSTOR databases with a cleanup status of "active" on August 4, 2011. The site is under a RCRA Consent Order and is actively being investigated for PCE and TCE contamination in soil, soil vapor and groundwater. A Site Characterization Workplan was completed in March 2013. A Draft Remedial Action Workplan was approved by the DTSC on December 26, 2013 for onsite soil contaminated with VOCs, specifically PCE and TCE.

The regulatory status, ongoing site investigations for VOC impacted soil and distance indicates a VEC is not likely but cannot be ruled out. The facility is not considered a REC to the Subject Property.

Site Name: SOUTHERN CALIFORNIA EDISON LAFAYETTE SUBSTATION
Databases: RESPONSE, ENVIROSTOR
Address: 1680 MONROVIA AVENUE
Distance: 2159
Direction: Northwest
Elevation: Higher
Comments: The site is located within the Costa Mesa Discovery Project (CMSDP). This area is being investigated by the DTSC to assess the source(s) and approximate extent of VOCs detected in soil vapor, soil and groundwater within the project area. The primary chemicals of potential concern (COPCs) are PCE and TCE.

The site is listed on the state RESPONSE and ENVIROSTOR databases with a status of "active." The site entered into a Consent Agreement on January 5, 2012 and is part of the DTSC - Site Cleanup Program. According to the online DTSC ENVIROSTOR database previous onsite investigations have shown that VOCs are present on the site.
Ongoing investigations continue on the property.

The regulatory status, the cross gradient location to the Subject Property and distance indicates a VEC is not likely but cannot be ruled out. The facility is not considered a REC to the Subject Property.

Site Name: ARGO TECH CORP COSTA MESA/ J.C. Carter Co., Inc.
Databases: LUST, WDS, HIST UST, NPDES, EMI
Address: 671 W 17TH ST
Distance: 2394
Direction: Northeast
Elevation: Lower
Comments: This facility is listed on the LUST database with an unauthorized release that occurred during the removal of a 2,000 gallon waste cutting oil tank that impacted other groundwater (uses other than drinking water). The potential chemicals of concern is listed as TCE; however, other compounds were detected at concentrations of concern, including: cis1,2-dichloroethylene (DCE), 1,1-DCE, vinyl chloride, tetrachloroethylene (PCE), 1,2-dichloroethane (DCA), methyl tertiary butyl ether (MtBE) and benzene.

The site is also listed on the following regulatory databases: 1) Historic UST database with 2-2,000 gallon tanks that were used for waste. The type of waste was not reported; 2) EMI database with permitted air emissions in 1990, 1993, 1995 and 2002 to 2007; CA WDS and NPDES databases with an "active" industrial permit for waste water discharge, with an effective date of June 22, 2011.
According to information on the RWQCB online Geotracker database, depth-discrete groundwater sampling indicated the likelihood that a region of dense non-aqueous phase liquid (DNAPL) may be present at the base of the shallow water-bearing zone beneath a portion of the west side of the site. This conclusion was based on the large vertical concentration gradient and the maximum concentration of trichloroethylene (TCE) of 71,000 micrograms per liter (µg/l) at CPT10. The lateral extent of the expected DNAPL was estimated based on the VOC concentrations greater than 10,000 µg/l in groundwater samples from the lower portion of the shallow water-bearing zone that lies above the fine-grained Monterrey Formation.

A Corrective Action Plan (CAP) to remove the expected DNAPL has been prepared. The CAP projects that by remediating the

5.0 RECORDS REVIEW (continued)

5.1 STANDARD ENVIRONMENTAL DATABASE RECORDS (continued)

Comments: DNAPL and the core of the dissolved phase TCE plume, the contributing source of VOCs in the dissolved phase will be mitigated and the mass of the remaining dissolved phase VOCs will be allowed to attenuate naturally. Monitored natural attenuation is proposed as the corrective action intended to address dissolved phase VOCs outside of the core contaminant area.

A soil management plan is to be submitted as part of the approved CAP to remove shallow contamination found in several areas of the site.

Vapor exposure to occupants of buildings on the property is to be mitigated with engineered controls and/or land use restrictions. The primary engineered control proposed is a vapor intrusion mitigation system of either a sub-slab passive ventilation system and vapor barrier, or passively or mechanically ventilated parking structures beneath occupied buildings. The proposed land use restrictions will be recorded at the Orange County Recorder's office prior to occupancy and will include: 1. notifications to future owners/occupants, 2. restrictions on single family residential land use, 3. notification requirements for soil excavation below three feet, 4. restrictions on activities that may affect the vapor intrusion mitigation system, and 5. restrictions on groundwater use.

The site address is also listed a J.C. Carter Co., Inc. The business is listed on the LUST database with an unauthorized release of TCE that occurred during a tank closure, impacting other groundwater. The facility status is listed as "pollution characterization." According to the EDR Radius Map Report the site is under the regulatory guidance of the SARWQB.

The regulatory status, downgradient location to the Subject Property and distance indicates a VEC is not likely but cannot be ruled out. The facility is not considered a REC to the Subject Property.

Site Name: NORGE CLEANERS (HILGREN SQUARE)
Databases: ENVIROSTOR
Address: 270 EAST 17TH STREET, SUITE 12-B
Distance: 4683
Direction: ENE
Elevation: Lower
Comments: This site is listed on the ENVIROSTOR database with a site type of "evaluation" on August 02, 2000. The reason for the listing is not reported.

The distance and downgradient location indicates this facility is not considered a VEC or REC to the Subject Property.

Site Name: LIDO CLEANERS(FORMER)
Databases: DRYCLEANERS, ENVIROSTOR, Orange Co. Industrial Site
Address: 3424 VIA LIDO
Distance: 4770
Direction: South
Elevation: Lower
Comments: The former dry cleaners is listed on the Orange County Industrial Site database with a release of PCE and TCE that received a closure certification on November 1, 2010.

The site is also listed on the state Drycleaners database as a drycleaning and laundry service in April 2003 and a listing of "inactive" on June 30, 2006. The site is listed on the ENVIROSTOR database with a site type of "evaluation" on August 24, 2007. No site management requirements or restricted use was reported.

The distance and downgradient location indicates this facility is not considered a VEC or REC to the Subject Property.

Site Name: NEWPORT BEACH FCS
Databases: FUDS, ENVIROSTOR
Address:
Distance: 5256
Direction: ESE
Elevation: Lower
Comments: The site is listed on the FUDS (Formerly Used Defense Site) database. The site was used as a fire control station by the Army from 1941 to 1943. The site is also listed on the ENVIROSTOR database with a site type of "military evaluation" and a status of "inactive-need evaluation" on July 1, 2005. No site management requirements or restricted use was reported.

5.0 RECORDS REVIEW (continued)

5.1 STANDARD ENVIRONMENTAL DATABASE RECORDS (continued)

Comments:

The distance and downgradient location indicates this facility is not considered a VEC or REC to the Subject Property.

5.2 PHYSICAL SETTING

Ecobility Corporation reviewed the following information to describe the physical setting of the Subject Property:

- USGS 7.5 Minute Newport Beach, California Topographic Map dated 1981
- EDR Geocheck Report
- US Department of Agriculture (USDA) Soil Conservation Service (SCS)
- State of California Regional Water Quality Control Board Geotracker Database
- Department of Toxic Substance Control Envirostor Database
- California Department of Oil and Gas Database

5.2.1 TOPOGRAPHY

The 1981 United States Geological Survey (USGS) "Newport Beach, California" 7.5 minute quadrangle maps showing the area where the property is located was obtained and reviewed as specified in ASTM Standard 1527-05 § 8.2.3. According to the contour lines on the topographic map, the property is located approximately 105-feet above mean sea level. The contour lines in the area of the property indicated that area is slightly sloped to the east, southeast. The Subject Property is developed as a mobile home park. Dense urban, industrial and commercial development is visible in the surrounding areas to the north, west south and east.

5.2.2 GEOLOGY

Based on the *Supplemental Site Investigation Report, prepared for 775-777 West 16th Street, Costa Mesa, CA, prepared by ENVIRON International Corporation, dated October 30, 2013,* the site investigations conducted on the Subject Property and the adjoining property to the north indicate the soil beneath the Subject Property generally consists of silty sand with local layers of sandy clay and silt to approximately 50-feet below ground surface (bgs). Perched groundwater was encountered at a depth of approximately 45-feet bgs.

5.2.3 HYDROLOGY

The Subject Property is located within the Coastal Plain of the Orange County Water Basin. The coarser, more permeable sediments in the Basin are generally located in the area north and east of the Subject Property. Finer grained, less permeable sediments are located in the seaward "pressure" part of the Basin where the Subject Property is located (*ENVIRON, Supplemental Site Investigation Report, 775-777 W. 16th St., Costa Mesa, CA, October, 2013*). The primary water-bearing units in the Orange County Water Basin are located in the Upper, Middle and Lower Aquifer Systems. The Upper Aquifer includes Holocene and Older alluvium and stream deposits and has an average thickness of approximately 800 feet. In the coastal area where the site is located, the Upper Aquifer System sediments tend to be finer-grained clays and clayey silts with possible minor recharge.

The Middle Aquifer System is the primary source from which groundwater is extracted in the Orange County Water Basin and has an average thickness of 1,600 feet. The Lower Aquifer System is approximately 350 to 500 feet thick and is generally not a primary source of groundwater due to its depth. (*Environmental Audit Inc. 2009*).

The Subject Property is approximately 1.5 miles east of the Santa Ana River. Depth to groundwater at the Subject Property is approximately 45-feet bgs (*ENVIRON, Supplemental Site Investigation Report, 775-777 W. 16th St., Costa Mesa, CA, October, 2013*). Shallow groundwater flow direction at the Subject Property is estimated to be generally southwesterly to south to southeasterly based on groundwater investigation and remediation activities at the Former J.C. Carter Company Facility located approximately 1,000 feet northeast of the Subject Property at 671 West 17th Street, Costa Mesa (*Tetra Tech 2009 and 2012*) and the Coast Mesa Site Discovery site located on 75 acres approximately 1,000 feet northwest of the Subject Property (*AMEC 2011*).

5.0 RECORDS REVIEW (continued)

5.2 PHYSICAL SETTING (continued)

5.2.3 HYDROLOGY (continued)

5.3 HISTORICAL USE

5.3.1 HISTORICAL SUMMARY

Historical information identifying the past site use was obtained from a variety of sources as detailed in Appendix C of this report and include:

- City Directories
- Aerial Photographs
- Sanborn Fire Insurance Maps
- Historic Topographic Maps

According to historical sources, the current Subject Property is comprised of an approximately 4.65 acre rectangular parcel that is utilized as a mobile home park (Ebb Tide Mobile Home Park). The property has been developed as a mobile home park since approximately the mid-1950's. The property is comprised of approximately 80 mobile homes of various sizes, with asphalt paved interior access roads that run along the north, middle and southern portions of the property. Landscaped areas are located around the majority of the mobile homes. The review of historic topographic maps and aerial photographs indicate the Subject Property was undeveloped land from approximately 1901 to 1927 and agricultural farm land from approximately 1927 to 1953. The interior access roads were visible on topographic maps from 1965 to 1981. The Subject Property is listed in City Directories in 1955 as Ebb Tide Trailer Park. The current mobile home park was listed in City Directories searched in 1966 and was visible in aerial photos in 1963 to 2012.

5.3.2 CITY DIRECTORIES

Ecobility Corporation reviewed City Directories for the Subject Property and adjoining properties provided by EDR that covered the years from 1920 through 2013. The Subject Property address was first listed in 1955 as Ebb Tide Trailer Park. No adjoining properties or surround properties of concern were identified. Copies of the City Directories reviewed are included in Appendix C of this report. A summary of the information obtained from the review is provided in the table below.

SUMMARY

Date	Site Comments	Surrounding Area Comments
1950	The Subject Property is not listed.	Surrounding property to the northwest are single residential tenants. Property to the east, south and west are listed as single residential tenants.
1955	The Subject Property is listed as Ebb Tide Trailer Park.	Surrounding property to the north are listed as residential and industrial (Machine Craft Products - 1598 Placentia Ave.; Flexible Metal Hose Mfg Co.-777 W. 16th St.{adjoining}; Vesper Co. Machine Shops-776 W. 16th St.;Criterion Machine Works-765 W. 16th St.{adjoining}); single residential tenants to the east; multi-residential tenant mobile home park to the southeast (Harbor Mobile Home Park-1535 Superior Ave.). Property to the south are listed as single residential (1525 Placentia Ave.) and commercial business (Lido Plumbing-1530 Placentia Ave. and N Vee Co.-1535 Placentia Ave.); and property to the southwest are listed as commercial business.

5.0 RECORDS REVIEW (continued)

5.3 HISTORICAL USE (continued)

5.3.2 CITY DIRECTORIES (continued)

Date	Site Comments	Surrounding Area Comments
1966	The Subject Property is listed as Ebb Tide Mobile Home Park.	Surrounding property to the north are listed as industrial and commercial businesses (Machine Craft Products - 1598 Placentia Ave.; Flexible Metal Hose Mfg Co.-777 W. 16th St.{adjoining}; Walker Stanley Co. Woodworking, Coast Millwork, Arrow Sash & Door Co. Inc, Andersen Windows-776 W. 16th St.;Criterion Machine Works-765 W. 16th St.{adjoining}; Cooks Body Shop-788 W. 16th St.; Metal Serv Co.-789 W. 16th St.); property to the northeast and east (Indes Pipe & Supply Co.-1538 Placentia Ave.); property to the southeast are listed as Hughes Aricraft Co. (500 Superior Lame.) and multi-residential tenant mobile home park (Harbor Mobile Home Park-1535 Superior Ave.). Property to the south are listed as single residential (1525 Placentia Ave.) and commercial business (Tic Doc Markets Inc.-1530 Placentia Ave. and N Vee Co.-1535 Placentia Ave.); and property to the southwest are listed as residential and commercial business. Property to the west are commercial/industrial businesses and include: Hixson Metal Finishing-829 Production Place; Axelson Fishing & Tackle Mfg Co.-1559 Placentia Ave.; Martec Reproductions-1557 Placentia Ave. and Toms Automotive-1601 Placentia Ave.
1970	The Subject Property is listed as Ebb Tide Mobile Home Park.	Surrounding property to the north are listed as industrial and commercial businesses (Machine Craft Products - 1598 Placentia Ave.; Flexible Metal Hose Mfg Co.-777 W. 16th St.{adjoining}; Walker Stanley Co. Woodworking, Coast Millwork, Arrow Sash & Door Co. Inc, Andersen Windows-776 W. 16th St.;Criterion Machine Works-765 W. 16th St.{adjoining}; Cooks Body Shop-788 W. 16th St.; Metal Serv Co.-789 W. 16th St.); property to the northeast and east (Indes Pipe & Supply Co.-1538 Placentia Ave.); property to the southeast are listed as industrial/commercial businneses (Hughes Aircraft Co.-500 Superior Lame.; and multi-residential tenant mobile home park (Harbor Mobile Home Park-1535 Superior Ave. Property to the south are listed as single residential and commercial business (Tic Doc Markets Inc.-1526 Placentia Ave.; NI Fiberglas-1530 Placentia Ave. and N Vee Co.-1535 Placentia Ave.); and property to the southwest are listed as residential and commercial business. Property to the west are commercial/industrial businesses and include: Hixson Metal Finishing-829 Production Place; Solenoid Research Inc.-834 Production Place; Glass Technology Div. Gulton

5.0 RECORDS REVIEW (continued)

5.3 HISTORICAL USE (continued)

5.3.2 CITY DIRECTORIES (continued)

Date	Site Comments	Surrounding Area Comments
		Industries-822 Production Place; Axelson Fishing & Tackle Mfg Co.-1559 Placentia Ave.; Martec Reproductions-1557 Placentia Ave. and Discovery House-1601 Placentia Ave.
1975	The Subject Property is listed as Ebb Tide Mobile Home Park.	Surrounding property to the north are listed as industrial and commercial businesses (Flexible Metal Hose Mfg Co.-777 W. 16th St.{adjoining}; Walker Stanley Co. Woodworking, Coast Millwork, Arrow Sash & Door Co. Inc, Andersen Windows-776 W. 16th St.;Criterion Machine Works-765 W. 16th St.{adjoining}; Cooks Body Shop-788 W. 16th St.; Metal Serv Co.-789 W. 16th St.) and Coast Crew Machine Products-1604 Placentia Ave.; property to the northeast and east (Indes Pipe & Supply Co.-1538 Placentia Ave.); property to the southeast are listed as industrial/commercial businesses and a multi-residential tenant mobile home park (Harbor Mobile Home Park-1535 Superior Ave.). Property to the south are listed as single residential, multi-tenant apartments and commercial business (Riley&Milne Crane Svc-1530 Placentia Ave. and N Vee Co.-1535 Placentia Ave.); and property to the southwest are listed as residential and commercial business. Property to the west are commercial/industrial businesses and include: Hixson Metal Finishing-829 Production Place; Solenoid Research Inc.-834 Production Place; Glass Technology Div. Gulton Industries-822 Production Place; Axelson Fishing & Tackle Mfg Co.-1559 Placentia Ave. and Martec Reproductions-1577 Placentia Ave.
1980	The Subject Property is listed as Ebb Tide Mobile Home Park.	The surrounding property is relatively unchanged since 1975. Adjoining properties to the north are listed as Straman Auto Restoration-779 W. 16th St.; Flexible Metal House Mfg Co.-777 W. 16th St. and Criterion Machine Works-765 W. 16th St.
1986	The Subject Property is listed as Ebb Tide Mobile Home Park.	The surrounding property is relatively unchanged since 1975. Adjoining properties to the north are listed as Straman Auto Restoration-779 W. 16th St.; Flexible Metal House Mfg Co.-777 W. 16th St. and Criterion Machine Works-765 W. 16th St.
1991	The Subject Property is listed as Ebb Tide Mobile Home Park.	Surrounding property to the north are listed as industrial and commercial businesses (Antiques Warehouse-777 W. 16th St.{adjoining}; Hills Generator Systems Inc.-775 W. 16th St.; Criterion Machine Works-765 W. 16th St.{adjoining}; South Coast Marine, Hills Fine Woodworking-788 W. 16th St.). Property to the northeast and east are listed as multi-tenant apartments; property to the southeast are listed as industrial/commercial businesses and a

5.0 RECORDS REVIEW (continued)

5.3 HISTORICAL USE (continued)

5.3.2 CITY DIRECTORIES (continued)

Date	Site Comments	Surrounding Area Comments
		multi-residential tenant mobile home park (Harbor Mobile Home Park-1535 Superior Ave.). Property to the south are listed as single residential, multi-tenant apartments and commercial business (Amburgey Cabinets, Other Guys Welding Service-1530 Placentia Ave. and Macroscale Industries Inc..-1535 Placentia Ave.); and property to the southwest are listed as residential and commercial business. Property to the west are commercial/industrial businesses and include: Hixson Metal Finishing-829 Production Place; Sea Tac Industrial Marine, Cal Industrial Engineers & Constructors Inc., Sea Tree Nurseries Inc.-834 Production Place; Glass Technology Div. Gulton Industries-822 Production Place; Hixson Auto Sales & Leasing, Hixson Equipment Co.-1559 Placentia Ave.: B&F Auto Air-1601 Placentia Ave. and Camera Ready Cars-1577 Placentia Ave.
1995	The Subject Property is listed as Ebb Tide Mobile Home Park.	The surrounding properties to the north, east, south and west are relatively unchanged since 1995. The adjoining properties to the north include: West Coast Woodworks, Antiques Warehouse and West Coast Yellow Cab-777 W. 16th St.; and 775 W. 16th St. is listed as Hills Generator Systems Inc.- 775 W. 16th St.
2002	The Subject Property is listed as Ebb Tide Mobile Home Park.	Surrounding property to the north are listed as industrial and commercial businesses and include: Antiques Warehouse & West Coast Woodworks-777 W. 16th St.{adjoining}; OCG Inc.-775 W. 16th St. {adjoining}; Criterion Machine Works-765 W. 16th St.{adjoining}; South Coast Marine, Hills Fine Woodworking-788 W. 16th St. Property to the northeast and east are listed as multi-tenant apartments; property to the southeast are listed as industrial/commercial businesses and a multi-residential tenant mobile home park (Harbor Mobile Home Park-1535 Superior Ave.). Property to the south are listed as single residential, multi-tenant apartments and commercial business and property to the southwest are listed as residential and commercial business. Property to the west are commercial/industrial businesses and include: Hixson Metal Finishing-829 Production Place; Robert Millett Co.-834 Production Place; Hixson Auto Sales & Leasing, Hixson Equipment Co., Allen Beck Florist-1559 Placentia Ave.: B&F Auto Air-1601 Placentia Ave.; Croul Wholesale-1577 Placentia Ave. and Furling&Rigging Corp.-1571 Placentia Ave.

5.0 RECORDS REVIEW (continued)

5.3 HISTORICAL USE (continued)

5.3.2 CITY DIRECTORIES (continued)

Date	Site Comments	Surrounding Area Comments
2003	The Subject Property is listed as Ebb Tide Mobile Home Park.	Surrounding property to the north, east, south and west are relatively unchanged since 2002. The adjoining property to the north at 775 W. 16th St. is listed as LT Electronics and OCG Inc.
2008	The Subject Property is listed as Ebb Tide Mobile Home Park.	Surrounding property to the north, east, south and west are relatively unchanged since 2003. The adjoining property to the north at 775 W. 16th St. is listed as LT Electronics and OCG Inc.
2013	The Subject Property is listed as Ebb Tide Mobile Home Park.	Surrounding property to the north, east, south and west are relatively unchanged since 2008. The adjoining property to the north at 775 W. 16th St. is listed as Ceriops Corp.

5.3.3 AERIAL PHOTOGRAPHS

Available aerial photographs dated 1927, 1938, 1947, 1953, 1963, 1972, 1983, 1990, 2005, 2009, 2010 and 2012 from EDR were reviewed. Copies of the selected photographs are included in Appendix C of this report. A summary of the information obtained from the review is provided in the table below.

SUMMARY

Date(s)	Property Comments	Surrounding Area Comments
1927	The Subject Property appears to be developed as agricultural land.	The surrounding property appears to be agricultural land to the north, east, south and west.
1938	The Subject Property appears to be developed as agricultural land.	The surrounding property appears to be agricultural land to the north, east, south and west.
1947	The Subject Property appears to be developed as agricultural land.	The surrounding property appears to be agricultural land to the north, east, south and west. Urban development is visible to the southeast.
1953	The Subject Property appears to be developed as agricultural land.	The surrounding property appears to be agricultural land to the north, east, south and west. Increasing urban development is visible east of Superior Avenue and southeast of Newport Boulevard.
1963	The Subject Property is developed as a mobile home park.	The surrounding property to the north and west are large commercial or industrial type buildings. To the south are small commercial type structure followed by disturbed land; to the southeast is a mobile home park, followed by Superior Avenue; to the southeast is a x-shaped commercial type structure, followed by what appears to be a parking lot or vehicle storage yard and several large commercial type structures. Further east the 55 freeway is visible. To the northeast is vacant land.
1972	The Subject Property is developed as a mobile home park.	The surrounding property to the north, northeast and west are developed with large commercial or industrial type buildings. To the south are small commercial type structures of various sizes and to the southeast is a mobile home park. Surrounding property to the east is developed with a x-shaped building and a large commercial type structure, followed by Superior Avenue. The 55 freeway is visible further east.
1983	The Subject Property is developed as a mobile home park.	The surrounding property to the north, northeast and west are developed with large commercial or industrial type buildings. Further west is what appears to be a mobile

5.0 RECORDS REVIEW (continued)

5.3 HISTORICAL USE (continued)

5.3.3 AERIAL PHOTOGRAPHS (continued)

Date(s)	Property Comments	Surrounding Area Comments
		home park and commercial buildings and vacant land. To the south are small commercial type structures of various sizes and to the southeast is a mobile home park. Surrounding property to the east is developed with a x-shaped building and a large commercial type structure, followed by Superior Avenue. The 55 freeway is visible further east.
1990	The Subject Property is developed as a mobile home park.	The surrounding property is relatively unchanged since 1983, except the adjoining property to the south appears to be apartment type structures, followed by two commercial type buildings at the corner of Placentia Avenue and West 15th Street.
1995	The Subject Property is developed as a mobile home park.	The surrounding property is relatively unchanged since 1990.
2005	The Subject Property is developed as a mobile home park.	The surrounding property is relatively unchanged since 1995.
2009	The Subject Property is developed as a mobile home park.	The surrounding property is relatively unchanged since 2005.
2010	The Subject Property is developed as a mobile home park.	The surrounding property is relatively unchanged since 2009.
2012	The Subject Property is developed as a mobile home park.	The surrounding property is relatively unchanged since 2010.

5.3.4 SANBORN FIRE INSURANCE MAPS

A search of Sanborn Fire Insurance maps by EDR Sanborn Inc. was requested by Ecobility Corporation. According to EDR Sanborn Inc., maps for the Subject Property and the surrounding area were not identified or practically reviewable. A copy of the "No Coverage" documentation from EDR is included in Appendix C of this report.

5.3.5 HISTORICAL TOPOGRAPHIC MAPS

Available topographic maps dated 1901, 1902, 1935, 1942, 1951, 1965 and 1972 from the USGS as provided by EDR were reviewed for this Environmental Site Assessment. Copies of the selected topographic maps are included in Appendix C of this report. A summary of the information obtained from the review is provided in the table below.

SUMMARY

Date(s)	Quad	Property Comments	Surrounding Area Comments
1901	SOUTHERN CA SHEET 1	The Subject Property appears as undeveloped land.	The surrounding area appears to be undeveloped land. Some street development with sporadic structures is visible further north, west and east. The city of Santa Ana, Garden Grove and Orange are visible to the north and the city of Westminster is visible to the northwest.
1901	SANTA ANA	The Subject Property appears as undeveloped land.	The surrounding area appears to be undeveloped land. The Santa Ana River is depicted to the west and Newport Bay is visible to the southeast. Some street development with sporadic structures is visible further north and west.

5.0 RECORDS REVIEW (continued)

5.3 HISTORICAL USE (continued)

5.3.5 HISTORICAL TOPOGRAPHIC MAPS (continued)

1902	CORONA	The Subject Property appears as undeveloped land.	The surrounding area appears to be undeveloped land. The Santa Ana River is depicted to the west and Newport Bay is visible to the southeast. Some street development with sporadic structures is visible further north, east and west.
1935	NEWPORT BEACH	The Subject Property appears as undeveloped land.	The surrounding area appears to be undeveloped land. Street development with sporadic structures is visible to the north and east. The city of Newport Beach is visible further south.
1942	SANTA ANA	The Subject Property appears as undeveloped land.	Street development with sporadic structures are visible to the north, west, east and southeast. Urban development, depicted as "pink" is visible to the northeast and the southeast. The Santa Ana River is visible to the west and Newport Bay to the east.
1951	NEWPORT BEACH	The Subject Property appears as undeveloped land.	Increasing urban development is visible to the north, west and south. 16th Street and Placentia Avenue are depicted with sporadic structures visible. Urban development depicted as "pink" is visible east, northeast and including the city of Costa Mesa and southeast including Newport Heights and Lido Isle.
1965	NEWPORT BEACH	The Subject Property appears to be developed with the current interior streets.	The surrounding property to the north, east, south, southwest and southeast are depicted as "pink" for dense urban development. Structures are visible west along Production Place followed by a trailer park. Hoag Memorial Hospital is visible to the south.
1972	NEWPORT BEACH	The Subject Property appears to be developed with the current interior streets.	The surrounding property is relatively unchanged since 1965.
1981	NEWPORT BEACH	The Subject Property appears to be developed with the current interior streets.	The surrounding property is relatively unchanged since 1965. The adjoining industrial buildings to the north along W. 16th are visible.

5.3.6 OIL AND GAS MAPS

According to the State of California, Department of Conservation, Division of Oil and Gas and Geothermal Resources (DOGGR), Online Mapping System (DOGGR, 2013), the Subject Property does not lie within the administrative boundaries of an oil field. The nearest well API No.: 05905486 is located approximately 750 feet northeast from the Subject Property and is labeled "plugged."

5.4 STATE AND MUNCIPAL RECORDS

Local municipal agencies, such as building and safety departments, fire prevention bureaus, and environmental health departments were contacted to review applicable permits, and identify any current or previous reports of hazardous materials use, storage, and/or unauthorized releases that may have impacted the Subject Property.

City of Newport Beach, Department of Building and Safety - An electronic request for available building records and a certificate of occupancy was requested on January 14, 2014. A response was received from Ms. Lanny Krage, Records Specialist on January 23, 2014 indicating a certificate of occupancy was not found.

City of Newport Beach Fire Department - A written request for public records hazardous materials inventory, hazardous materials releases, hazardous materials inspection reports and notices of violations was submitted on December 2,

5.0 RECORDS REVIEW (continued)

5.4 STATE AND MUNCIPAL RECORDS (continued)

2013. Ecobility received a phone call from Ms. Jennifer Biddle, Fire Department Assistant on January 24, 2014 indicating that no record of hazardous material usage or fire life safety violations were found.

Orange County Health Care Agency - A written request for public records for 1570 Placentia Avenue, 775 and 777 West 16Th Street was submitted on January 14, 2014. Ecobility was advised Ms. Liza Rodriguez, Records Clerk via the telephone that records were not available for 775-777 West 16Th Street. Ms. Rodriguez advised no records were found for the Subject Property. Records were found for 775-777 West 16Th Street and were reviewed on January 30, 2014. Documents reviewed included:

- *Phase I ESA, Industrial Property, 775-777 West 16Th Street, Costa Mesa, CA, prepared by Tetra Tech, dated July 17, 2008.* The Phase I ESA indicated the on-site building was occupied by two tenants: Murry Scott Construction (775 W. 16Th St.), uses the space for woodworking (custom cabinetry), milling, fabrication, assembly and finishing activities since 2005; and West Coast Woodworking (777 W. 16Th St.) has been located at the property for approximately 25 years and uses the space for woodworking (custom cabinetry, antique reproduction) including fabrication, assembly and finishing. The Phase I ESA concluded: 1) manufacturing and light industrial historical uses of the property since 1955 are considered to be a Potential Environmental Concern (PECK); 2) the adjacent facility to the east of the property, Criterion Machine Works, is considered a PECK; 3) the historical agricultural use of the property is considered a deminimis is condition and 4) the potential for asbestos containing material (ACME) and lead based paint (LP) to be present in the on-site building is considered to be a Business Environmental Risk (BER). Tetra Tech recommended a subsurface investigation to evaluate subsurface soil conditions for impacts due to historical manufacturing and light industrial site users. Prior to any renovation, demolition or other activities that will disturb suspect or known AC Ms or LP, a pre-demolition asbestos and LP survey should be conducted.
- *Human Health Risk Assessment Addendum (HERA), 775-777 West 16Th Street, Costa Mesa, CA., prepared for AA Investments V LC Property, prepared by Environmental Audit, Inc. (AI), dated August 12, 2010.* The HERA Addendum was prepared in response to verbal comments from the OCHCA to EAI requesting the HERA be modified. The modifications include the use of the OCHCA SIG-Affection Model, 10 hrs per day for commercial/industrial exposure, rather than the 8 hours per day used in the HERA, and site-specific soil physical properties data. The HERA Addendum stated the soil gas analytical data and the results of soil vapor intrusion modeling conclude that 1) the remediation efforts completed at the property have significantly reduced the Vacs present in soil vapor; 2) calculated carcinogenic vapor intrusion risks using soil gas data from beneath the building at 4-feet bgs and 10-feet bgs for commercial/industrial workers exposure, is less than one in a million; 3) calculated carcinogenic vapor intrusion risks using soil gas data from outside areas where buildings are present at 4-feet bgs and 10-feet bgs for commercial/industrial workers exposure, is in the range of 1.1 to 1.9 per million. This range is below the 10 per million "no significant risk level" for carcinogens under Proposition 65; 4) calculated hazard quotients are below 1.0 for all exposure scenarios evaluated by this HERA; 5) no further action is required for soil or soil gas. The HERA Addendum report recommended a Work Plan be prepared and submitted outlining the assessment of potential groundwater impacts associated with the property.
- *Indoor Air Quality Sampling Work Plan, 775-777 West 16Th Street (Case No.: 091C002), prepared by ENVIRON International Corporation, dated December 17, 2013.* The Work Plan was submitted to Mr. Luis Rodriguez with the OCHCA. It is not know whether the Work Plan has been approved by the OCHCA. The objective of the Work Plan is to further evaluate the potential for VIC vapor intrusion into the on-site buildings. The proposed ambient and IQ sampling included the collection of nine IQ samples representative of the work areas within the two tenant space of the on-site building. Three (3) ambient air samples will be collected while indoor air sampling being conducted. The Work Plan details the location of each IQ sample, the method of evaluating the data and comparing it to site-specific Risk Based Target Concentrations (Robotics) for indoor air that will be calculated by ENVIRON, to the ambient air data and the U.S. EPA Building Assessment Survey and Evaluation (BASE) study's average indoor air mean concentration for office buildings.
- *Email from Luis Rodriguez (OCHCA) to Mr. Eddie Alanine (ENVIRON) and Cameron Sari (SWRCB) Re: AA Investments - ENVIRON Report: Supplemental Investigation, dated November 20, 2013.* Mr. Rodriguez with the OCHCA provided ENVIRON the following comments to their *Supplemental Site Investigation Report, dated October 30, 2013:* 1) OCHCA is awaiting your work plan for indoor air sampling at the site. The sampling, however, does not relieve AA of conducting additional soil vapor investigation of the immediately adjoining properties to the east and west; 2) As the property owner, AA is responsible for pursuing the investigation of soil and soil vapor in the vicinity of the sump, including possible vapor intrusion risk to residents of the other Ebb Tide Mobile Homes units B7 through B9 (regardless of ENVIRON's no further action for units A9 and A10); 3) It is the Owners responsibility to pursue a groundwater investigation to define the extent of dissolved phase

5.0 RECORDS REVIEW (continued)

5.4 STATE AND MUNCIPAL RECORDS (continued)

contamination. Mr. Rodriguez reiterated that neither the OCHCA nor the SWRCB have the resources to pursue prior on-site operators and ask them to remedy the impact caused by the solvents released. The email suggested a better alternative would be for AA to hire an environmental law firm to pursue prior on-site operators and litigate in an effort to require them to clean up the impacts associated with the solvents released.

Additional documents and correspondence reviewed are summarized in Section 5.5.

South Coast Air Quality Management District - A public records request for 1570 Placentia Avenue was submitted on January 15, 2014. Ecobility received a letter response from Mr. Jacob Allen, Records Clerk, advising no records were found for 1560 and 1570 Placentia Avenue.

South Coast Air Quality Management District - A public records request for 775 and 777 West 16Th Street was submitted on January 16, 2014. Ecobility received a letter response from Ms. Lisa Ramos, Records Clerk, advising records were found for 1560 and 1570 Placentia Avenue. A Permit To Operate was issued to Flexible Metal Hosing Mfg. Company on March 29, 1978 for a De greaser System consisting of: 1) degrease, delta vapor-spray type with a 1/3 horsepower spray pump and 2) a solvent still.

Santa Ana Regional Water Quality Control Board - A public records request was submitted electronically on January 14, 2014. An on line response was received January 15, 2014 indicating no records were found for 1570 Placentia Avenue and 775 and 777 West 16Th Street.

Department of Toxic Substance Control, Cypress Office - A public records was submitted on January 14, 2014. A letter response from Ms. Julie Johnson, Regional Records Coordinator was received January 16, 2014 indicating no records were found for 1570 Placentia Avenue and 775 and 777 West 16Th Street.

State Water Resources Control Board, Geo Tracker website database - No records or information regarding the Subject Property or adjoining properties (775-777 W. 16Th St.) were available on-line.

State of California Department of Toxic Substance Control, Envirostor website database - No records or information regarding the Subject Property or adjoining properties (775-777 W. 16Th St.) were available on-line.

State of California, Department of Conservation, Division of Oil, Gas & Geothermal Resources (DOG GR) - On-line review of DOG GR maps concerning the Subject Property and nearby properties were reviewed. No oil or gas wells were identified on the Subject Property. No oil or gas wells were identified within 500 feet of the Subject Property. No environmental concerns were noted during the DOG GR map review.

FOIA and record of communication documentation is included in Appendix D.

5.5 OTHER ENVIRONMENTAL REPORTS

Ebb Tide LLC provided Ecobility with various documents and correspondence for an ongoing site investigation on the adjoining industrial property to the north (775-777 West 16Th Street). Additional documents obtained during a review of files at the OCHCA for 775-777 West 16th Street, the adjoining property to the north, are also included. The documents and correspondence are summarized below.

Letter from OCHCA to Dr. Donald R. Abram, AA Investment V LC (AA), Re: Off site Air Sampling Activities, 775-777 W. 16Th Street, Costa Mesa, CA (Case No. 09ICC006), dated April 13, 2012.
A letter from Mr. Luis Rodriguez, Hazardous Waste Specialist with the OCH CA to Dr. Donald Abram, AA Investment V LC indicating the OCH CA had reviewed the proposal submitted by Environmental Audit, Inc. (AI). The purpose of the air sampling was to determine whether tetrachloroethylene or PCE in soil gas from a release on the 757-777 W. 16th Street property has extended off-site, potentially posing a significant health risk to the occupants of the adjoining mobile home park. The scope of work will involve the collection of one air sample from the crawl space of two residential units of the Ebb Tide Mobile Home Park- Units A9 and A10, with an additional (ambient) air sample from the upwind direction. The air samples will be collected using summa canisters within a 24-hour period and tested for VOCs by EPA Method TO-15 SIM. The sampling will be conducted in two seasons, six months apart, to account for temporal variations. The

5.0 RECORDS REVIEW (continued)

5.5 OTHER ENVIRONMENTAL REPORTS (continued)

letter stated that the OCHCA found the proposed air sampling acceptable for implementation and to advise OCHCA staff at least 48 hours in advance of the sampling activities.

Letter from Mr. Joe Labarbera, TFP Management Inc. to Mr. Bill Novatney, 1560 Placentia Ave., Space A-2, Re: Notice of Potential Environmental Conditions, dated May 2, 2012

A letter was sent by Mr. Labarbera to Mr. Bill Novatney, a tenant at the Ebb Tide Mobile Home Park (ETMHP) informing him of the request by Environmental Audit, Inc. to access the mobile home park to conduct environmental testing. The letter states that Environmental Audit, Inc. (EAI) is engaged by AEA to conduct environmental testing, investigation and remediation at the adjoining industrial property located at 775-777 West 16th Street, Costa Mesa, CA. According to information provided by EAI, hazardous substances including TCE and PCE have been released into the soil and possibly groundwater at the AEA property. The EAI investigation and remediation is being conducted under the oversight of the OCHCA. Mr. Louis Lodrigueza is the Case Manager with the OCHCA overseeing the environmental work. Mr. Labarbera informed Mr. Novatney that air sampling was being conducted on the ETMHP property and that a copy of the EAI "*Off-Site Air Sampling Work Plan, dated April 12, 2012*" is available to review at the ETMHB office during regular office hours. Mr. Labarbera further advised that EAI will be permitted to access the ETMHP to conduct sampling and the owner of ETMHP will cooperate with its investigation. The letter also contained a Prop 65 warning to the ETMHP.

License For Temporary Right of Entry

This legal document is a license for Temporary Right of Entry entered into by and between the Totah Family Partnership, as owners of the ETMHP property, EAI and AEA on May 30, 2012. The agreement was signed by Mr. Steven A. Bright, President of EAI and Dr. Donald R. Abram, Managing Member, AEA.

Letter from Adriana Batista, tenant at 1560 Placentia Ave., Space A-9 to Ebb Tide Mobile Home Park, dated May 3, 2012

Ms. Batista, tenant at ETMHP, Space A-9 informed the owners and management of ETMHP that she was aware of the investigation and remediation ongoing at the adjoining industrial property to the north (775-777 West 16th St.). Ms. Batista stated she went personally to the current owner of the industrial property, Dr. Donald Abraham MD to complain about the noise of the remediation and was given the contact information of the environmental engineer in charge of the remediation. The remediation system has been operating for ten months, 12 hours each day, seven days a week. Ms. Batista, as a Public Health professional, offered her services to mediate the situation and protect the ETMHP.

First Amendment To License For Temporary Right of Entry, June 29, 2012

The prior License for Temporary Right of Entry expires on June 30, 2012, this First Amendment extends the terms of the License for Temporary Right of Entry entered into by and between the Totah Family Partnership, as owner of the Property, AEI and AEA as of June 29, 2012. The document was executed by Mr. Steven A. Bright, President of EAI,Dr. Donald R. Abram, Managing Member, AEA and Ms. Nancy Labarbera, Managing Member, Totah Family, LLC.

Air Sampling Results for the Ebb Tide Mobile Home Park, 775-777 West 16th Street, Costa Mesa, CA., prepared for AEA Investments V LLC, prepared by EAI, dated July 23, 2012

The report documents the results of air sampling conducted at the ETMHP between July 5, 2012 and July 6, 2012 by EAI on behalf of AEA. The scope of work included: 1) the collection of two air samples over a 24-hour period using Summa Canisters from the crawl spaces of two mobile homes located closest to the adjoining industrial property, Mobile Home A9 and Mobile Home A10; 2) the collection of one ambient air/background sample at the ETMHP over the same 24-hour period as the samples collected from the crawl spaces; and 3) analyze each sample for VOCs using USEPA Method TO-15 SIM.

PCE and TCE are the primary chemicals of concern. TCE was not detected in any of the air samples collected from the ETMHP and PCE was detected only the ambient air samples at a very low concentration, below the indoor air CHHSL established for residential land use. PCE was not detected air samples collected from the crawl spaces beneath Mobile Home A9 and A10. The EAI report stated "PCE and TCE data indicate no impact to the Mobile Home Park from the site."

The EAI Report stated "other chemicals detected in the air samples analyzed include: benzene, toluene, ethylbenzene and xylenes (BTEX) and Freon 11, Freon 12 and Freon 113. Carbon tetrachloride and benzene were detected in the crawl space samples at concentrations above their respective indoor air CHHSL established for residential land use, but

5.0 RECORDS REVIEW (continued)

5.5 OTHER ENVIRONMENTAL REPORTS (continued)

at concentrations that are essentially the same as detected in ambient air." EAI concluded that based on the data collected, the quality of air present in the crawl spaces beneath Mobile Homes A9 and A10, which defines the quality of indoor air, is essentially the same as the ambient air quality and therefore, vapor intrusion is not a issue at the ETMHP. A copy of the report is provided in Appendix F.

Notice of Potential Environmental Conditions, from TFP Management, Inc., to Ebb Tide Mobile Home Park Tenants, dated July 30, 2012

The letter to the tenants advises that the results of the air sampling and testing activities completed on July 6, 2012 are summarized in a report prepared by EAI entitled "*Air Sampling Results for the Ebb Tide Mobile Home Park, dated July 23, 2012."* The letter stated that a copy of the report is available in the ETMHP office during regular office hours. The letter also provided a Proposition 65 warning that the "ETMHP contains chemicals known to the State of California to cause cancer, birth defects and other reproductive harm."

Air Sampling Results (Second Event) For The Ebb Tide Mobile Home Park, prepared for AEA, 775-777 West 16th St., Costa Mesa, CA., prepared by EAI, dated January 29, 2013.

The report documents the results of a second air sampling event conducted at the ETMHP between January 7, 2013 and January 8, 2013 by EAI on behalf of AEA. The crawl space areas beneath Mobile Home A9 and A10 were inspected to determine if any materials were stored beneath the Mobile Homes. The scope of work included: 1) the collection of two air samples over a 24-hour period using Summa Canisters from the crawl spaces of two mobile homes located closest to the adjoining industrial property, Mobile Home A9 and Mobile Home A10; 2) the collection of one ambient air/background sample at the ETMHP over the same 24-hour period as the samples collected from the crawl spaces; and 3) analyze each sample for VOCs using USEPA Method TO-15 SIM. PCE, carbon tetrachloride, benzene and ethylbenzene were detected in selected crawl space samples above their respective residential CHHSLs. PCE was detected in only one crawl space sample (Mobile Home A10). Carbon tetrachloride and benzene were detected in all of the crawl space air samples collected from both air sampling events at concentrations above their respective residential CHHSLs, but at concentrations that are essentially the same as detected in ambient air. Ethylbenzene was also detected in all of the crawl space air samples from both sampling events, but concentration of the crawl space sample collected at Mobile Home A10 as part of the second sampling event was above its residential CHHSL. The EAI report stated that the ambient air concentration of ethylbenzene for the second air sampling event was the highest concentration detected. The EAI report concluded that based on the data collected, the quality of air present in the crawl spaces beneath Mobile Homes A9 and A10, which defines the quality of indoor air, is essentially the same as the ambient air quality and therefore, vapor intrusion is not a issue at the ETMHP.

Notice of Potential Environmental Conditions, from TFP Management, Inc., to Ebb Tide Mobile Home Park Tenants, dated February 12, 2013

The letter to the tenants advises that the results of the second air sampling and testing activities completed on January 7-8, 2013 are summarized in a report prepared by EAI entitled "*Air Sampling Results (Second Event) for the Ebb Tide Mobile Home Park, dated January 29, 2013."* The letter stated that a copy of the report is available in the ETMHP office during regular office hours. The letter also provided a Proposition 65 warning that the "ETMHP contains chemicals known to the State of California to cause cancer, birth defects and other reproductive harm."

Letter from Mr. Sean Michael Sherlock, Snell & Wilmer LLP Law Offices to Mr. Luis Lodrigueza, OCHCA, Re: Ebb Tide Mobile Home Park, 1560 Placentia Ave., Newport Beach, CA, dated March 11, 2013

The letter states that Snell & Wilmer LLP represents Totah Family Partnership, the owner of ETMHP and is writing this letter to express concern over recent communications from EAI. According to Mr. Sherlock a February 19, 2013 email communication from Mr. Luis Lodrigueza of the OCHCA indicated that additional air sampling, as well as soil vapor and groundwater investigation would be required as a result of the detection of PCE in the crawl space of Mobile Home A10 at a concentration above its residential CHHSL. Mr. Sherlock further stated that Mr. Lodrigueza specified that soil vapor and groundwater would be investigated within the ETMHP property and around the AEA property and that the owners of ETMHP would be notified when work was scheduled. A February 29, 2013 email from Mr. Stephen Bright of AI sent to Mr. Lodrigueza stating that an additional round of air sampling would be conducting, omitting any mention of a soil vapor and groundwater investigation and asking you to confirm the scope of work, and stating that based on the results of this additional air sampling the data will be evaluated "to determine what additional work, if any, is required for the ETMHP." Mr. Sherlock voiced his concern that EAI is attempting to avoid conducting the soil vapor and groundwater investigation that Mr. Lodrigueza directed. Mr. Sherlock stated that "because the PCE contamination has been detected, AEA must be required to assess the soil vapor and groundwater to determine whether the releases at the AEA property are a source of the contamination."

5.0 RECORDS REVIEW (continued)

5.5 OTHER ENVIRONMENTAL REPORTS (continued)

Supplemental Site Investigation Work Plan, 775-777 West 16th Street, Costa Mesa, CA, prepared by ENVIRON International Corporation, prepared for AEA, dated June 17, 2013.

ENVIRON submitted the Work Plan to Mr. Luis Lodrigueza with the OCHCA, in response to a OCHCA email dated March 1, 2013 requesting that additional investigation be conducted on- and off-site to delineate the full extent of chlorinated solvents in the subsurface soil, soil vapor and groundwater. The objective of the Work Plan is to collect additional subsurface data to evaluate current environmental conditions at and downgradient from the site and to recommend appropriate next steps, if any. The scope of work is summarized as follows: 1) collect soil vapor samples from the existing 18 soil vapor probes (9 locations, 5 and 10 feet bgs) to evaluate the current site conditions following the SVE remediation; 2) collect soil vapor samples from deep vapor probes (approximately 40-feet bgs) installed in 3 borings to assist in evaluating potential off-gassing from groundwater; 3) collect soil vapor from 2 borings around the nearest mobile home park trailers to assess the potential for VOC vapor intrusion; 4) collect soil and groundwater samples from 2 borings on the northern property boundary and presumed up gradient portion of the site; 5) collect soil and groundwater samples from 3 borings on portions of the site not previously investigated and 6) collect groundwater samples south (estimated to be down gradient) of the site and on the ETMHP by advancing 2 borings. A detailed description of the scope of work is provided in the Work Plan provided in Appendix F.

Letter from Mr. Luis Lodrigueza, OCHCA to Dr. Donal R. Abrahm, AEA Investment V LLC, Re: Supplemental Site Investigation Work Plan, dated June 19, 2013.

The letter states the OCHCA has reviewed the ENVIRON Work Plan and finds the proposed scope of work to be acceptable for implementation.

Letter from Millhouse Law Group to Sean M. Sherlock, Snell & Wilmer LLP, Re: Addendum to May 30, 2012 License for Temporary Right of Entry.

Mr. Ernest J. Hahn with Millhouse Law Group, representing AEA Investments V LLC proposed an addendum to the May 30, 2012 License for Temporary Right of Entry to facilitate field work. The addendum states that the Owner of ETMHP will grant ENVIRON International Corporation a temporary right of entry, and allow ENVIRON, its employees, agents, contractors and invitees to enter the property to conduct the activities described in ENVIRONs June 17, 2013 Work Plan (approved by OCHCA on June 19, 2013). The *License for Temporary Right of Entry* was executed by Nancy LaBarbera, Managing Member, Totah Family Partnership and Dr. Donald R. Abrahm, Managing Member, AEA Investments V LLC.

Data Package-Field Investigation Results from the July 2013 Site Investigation conducted at 775-777 West 16th St., Costa Mesa, CA

ENVIRON provided a Data Package summarizing the field investigation results from the July 2013 Site Investigation to Mr. Luis Lodrigueza with the OCHCA. The Data Package included: 1) Figures of Soil Gas Sampling Results, Soil Sampling Results and Groundwater Sampling Results; 2) Summary Tables of Soil Gas, Soil and Groundwater Analytical Results and a Summary of Physical Properties Data Results; 3) Analytical Laboratory Data Results.

Notice of Potential Environmental Conditions, from TFP Management, Inc., to Ebb Tide Mobile Home Park Tenants, dated October 2, 2013

The letter to the tenants advises that the test results from soil, soil vapor and groundwater sampling conducted by ENVIRON at the adjoining AEA property and the ETMHP have been compiled into a "*Data Package" dated September 30, 2013.* The letter stated that a copy of the report is available in the ETMHP office during regular office hours. The letter also provided a Proposition 65 warning that the "ETMHP contains chemicals known to the State of California to cause cancer, birth defects and other reproductive harm."

Supplemental Site Investigation Report (Case No. 091C002), 775-777 West 16th Street, Costa Mesa, CA, prepared on behalf of AEA Investments V LLC, prepared by ENVIRON International Corporation, dated October 30, 2013.

The Supplemental Site Investigation was conducted as a result of a March 1, 2013 request by the OCHCA for additional investigation on- and off-site to delineate the full extent of chlorinated solvents in the subsurface soil, soil vapor and groundwater. The findings of the supplemental investigation are presented below.

- Prior on-site operations have contributed to the presence of certain chlorinated solvents, primarily PCE and TCE, in soil, soil vapor and groundwater.
- The Soil Vapor Extraction (SVE) system that operated intermittently for 16 months (January 2009 through April 2010) appears to have significantly reduced the PCE and TCE concentrations beneath the on-site buildings. Most of the soil vapor data collected from beneath or near the on-site buildings are below site-specific commercial risk based target concentrations (RBTCs) with the exception of two locations with reported TCE concentrations

5.0 RECORDS REVIEW (continued)

5.5 OTHER ENVIRONMENTAL REPORTS (continued)

exceeding commercial RBTCs. ENVIRON recommends conducting indoor air quality (IAQ) sampling to further evaluate the potential for VOC vapor intrusion into the on-site buildings. As of the date of this report ENVIRON has prepared an IAQ Work Plan and submitted to the OCHCA for its approval.

- The highest PCE and TCE concentrations in soil, soil vapor and groundwater were reported from samples collected in the vicinity of the sump located in the southeast corner of the site. ENVIRON stated that the SVE performed in the area of the sump did not appear to have been effective as in other locations. ENVIRON recommends that the OCHCA pursue prior on-site operators responsible for the VOC releases to take the next steps to remedy the contamination to the satisfaction of the OCHCA.
- According to the ENVIRON report the VOC concentrations in soil vapor collected from around the two mobile homes at the ETMHP were very low, and no VOCs reported in the shallow soil vapor (between ground surface and 10-feet bgs) exceeded the residential RBTCs. ENVIRON recommended no further work with respect to the two mobile homes at the ETMHP.
- Local groundwater has been impacted by PCE and TCE in up gradient, on-site and down gradient locations. Based on the elevated PCE and TCE concentrations in soil and soil vapor the site is likely a contributor to these impacts. The ENVIRON report stated that based on regional groundwater flow information which indicates flow varies southwesterly to southeasterly, some of these VOC impacts may have originated from off-site source(s).
- ENVIRON recommends additional groundwater investigations to further delineate the extent of VOC impacts around the site. Given that AEA has not operated at the site, ENVIRON recommended that the OCHCA pursue prior on-site operators responsible for these VOC releases.

A detailed discussion of the supplemental investigation can be found in the *Supplemental Site Investigation Report (Case No. 091C002), 775-777 West 16th Street, Costa Mesa, CA, prepared on behalf of AEA Investments V LLC, prepared by ENVIRON International Corporation, dated October 30, 2013* and included in Appendix F.

Email Correspondence from Luis Lodrigueza, OCHCA to Eddie Arslanian of ENVIRON, dated November 4, 2013
Mr. Lodrigueza provided Mr. Arslanian with the following comments regarding the ENVIRON Supplemental Investigation Report:

- OCHCA will await the the workplan for indoor air sampling at the site. Mr. Lodrigueza stated that the sampling does not relieve AEA of conducting additional soil vapor investigation of the immediately adjoining properties to the east and west.
- As the property owner, AEA has the responsibility to pursue the investigation of soil and soil vapor in the vicinity of the sump, including possible vapor intrusion risk to residents of the other Ebb Tide Mobile Homes Unit B7 through B9 (regardless of ENVIRON's no further action for units A9 and A10).
- It is the owners responsibility to pursue a groundwater investigation to define the extent of dissolved phase contamination.

Mr. Lodrigueza further stated that neither the OCHCA or the RWQCB have the resources to pursue prior on-site operators and ask them to take the necessary steps to remedy the impact caused by the solvents release. Mr. Lodrigueza indicated that if AEA entered into a cost recovery agreement with the RWQCB to obtain a 'cleanup and abatement order' the process is complicated and takes time. Mr. Lodrigueza suggested that AEA retain an environmental law firm to pursue prior on-site operators and litigate in an effort to require them to cleanup the impact caused by the solvents release.

Mr. Lodrigueza further stated that prior to successful litigation by AEA, all necessary site investigations, including the Ebb Tide Mobile units, the AEA structures and adjoining properties-- related to soil, soil vapor and groundwater must be pursued by AEA in obtain information to determine what impacts site contamination has on public health, safety and water resources.

Indoor Air Quality Sampling Work Plan, 775-777 West 16th St. (Case No.09IC002), Costa Mesa, CA.,prepared by ENVIRON, dated December 17, 2013.
The Work Plan submitted to the OCHCA, details the indoor air quality sampling to further evaluate the potential for vapor intrusion of volatile organic compounds (VOCs) into the on-site building.

A copy of the documents/ letters summarized above are included in Appendix F.

5.0 RECORDS REVIEW (continued)

5.5 OTHER ENVIRONMENTAL REPORTS (continued)

Additional documents requested as part of a public records request to the OCHCA were found for 775-777 West 16th Street and reviewed by Ecobility on January 30, 2014. A summary of the reports reviewed are included in Section 5.4.

6.0 SITE RECONNAISSANCE

6.1 METHODOLOGY AND LIMITING CONDITIONS

The site reconnaissance was conducted on January 27, 2014 by Ms. Valerie Marshall, Environmental Professional with Ecobility Corporation. Weather conditions at the time of the site reconnaissance were sunny and 65 degrees Fahrenheit. The objective of the site reconnaissance is to obtain information indicating the likelihood of identifying recognized environmental conditions in connection with the property.

The visual reconnaissance consisted of observing the boundaries of the property and systematically traversing the site to provide an overlapping field of view, wherever possible. The entire property including the interior and exterior of onsite structures are visually and physically observed. Photographs of pertinent site features identified during the site reconnaissance are included in Appendix B.

6.2 GENERAL SITE SETTING

The Subject Property is located in a commercial/industrial business corridor mixed with residential on Placentia Avenue, south of the intersection of Placentia Avenue and West 16th Street. The Subject Property is a mobile home park with primarily an asphalt surface with landscaped areas in the immediate vicinity of individual mobile homes. The main entrance to the property is an asphalt road from Placentia Avenue to the west, with a main interior access road running west to east through the middle of the mobile home park and two interior roads running along the north side of the property and along the south side of the property. A pool and club house with a kitchen and restrooms are located in the northwest portion of the property and an office building with a laundry room and a central mailbox area is located on the west side of the property. The surface topography of the Subject Property was observed to be relatively flat.

Dense urban, industrial and commercial development is visible in the surrounding areas to the north, west south and east. Immediately north of the Subject Property are industrial/commercial businesses. To the east is a residential nursing and rehabilitation facility and a multi-tenant commercial business, to the south is multi-tenant residential apartments and to the west is Placentia Avenue followed by industrial and commercial businesses mixed with residential to the southwest.

6.3 SITE RECONNAISSANCE - SUBJECT PROPERTY

Reconnaissance of the Subject Property was conducted on January 27, 2014 by Ms. Valerie Marshall. The reconnaissance included traversing the property to identify areas of environmental concern. The Subject Property is composed of one rectangular-shaped parcel (APN: 424-131-18) of land totaling approximately 4.65 acres. The property is developed as the Ebb Tide Mobile Home Park (ETMHP) that includes approximately 80 mobile homes, with landscaped areas around the perimeter of many mobile homes. The entire property is paved with asphalt, with a main interior access road running west to east through the middle of the mobile home park and two interior roads running along north side of the property and along the south side of the property. An office building of wood and stucco construction is located near the main entrance of the facility along the main access road. The office building contains an office for the manager of the mobile home park, and a laundry room that contains 3 washing machine, 3 dryers, 1-plastic sink located in the corner of the room, with concrete flooring. No floor drains were observed during site reconnaissance. A main mailbox area is located on the north side of the office building. An area containing two trash dumpsters is located within a three-sided wood fence enclosure, north of the office building. Two additional trash dumpsters are located further east along the main access road into the facility. An electrical power pole is located on the northeast side of the office building. A pole mounted transformer was observed on the power pole. The transformer appeared to be in good condition with no leakage or staining.

A rectangle shaped pool is located in a fenced area in the northwest portion of the property, north of the main entrance road to the mobile home park. The pool area is paved with concrete, and a pool equipment shed is located on the northeast side of the pool area. Four-inch diameter surface drains were observed in the concrete pool decking. The pool equipment shed is constructed of wood and concrete masonry block and contained a pool filter and pump. No pool chemicals are stored on the property. An outside vendor services the pool on a weekly basis. A recreation room of wood and stucco construction is located on the north side of the pool area. A kitchen with a sink, refrigerator, upper and lower wood cabinets is located on the east side of the recreation room. Flooring in the recreation room and kitchen were 12-inch by 12-inch linoleum floor tiles. The floor tiles were observed to be in good condition. Two restrooms with exterior

6.0 SITE RECONNAISSANCE (continued)

6.3 SITE RECONNAISSANCE - SUBJECT PROPERTY (continued)

access from the pool area are located on the east side of the building. The restrooms consisted of a sink in a cabinet, a toilet and mirror.

A car wash area is located in the middle of the mobile home park, near the north property boundary. The area is asphalt paved and surface water runoff from the car wash area flows into an approximately 2,000 to 3,000 gallon concrete sump that is located below a small shed of wood and concrete block construction with a corrugated metal roof. Surface water and storm water runoff flow into a concrete surface depression and through a plastic grate located on the south side of the shed into the concrete sump. According to Mr. Joe Labarbera, Owner of the EBMHP, the sump has an alarm float that triggers a pump when surface water reaches a certain level in the sump. The water is then pumped via a 2-inch ABS pipe that located above ground along the north property boundary and flows west to Placentia Avenue to the municipal stormwater system. A hose bib and hose were observed attached to the south side of the shed. Additional storm water drains were observed in the asphalt interior access roads on the southeast side of the property (a 24-inch by 24-inch metal grate) and a 12inch by 12-inch metal drain on the northeast side of the property. No staining was observed in the vicinity of the sump or surface drains.

Drainage for the property flows to the west side of the property to the municipal storm water system located on Placentia Avenue. Electrical service to the property is provided by Southern California Edison, natural gas is provided by Southern California Gas Company, water and sewer service are provided by the City of Newport Beach. Photographs of the Subject Property can be viewed in Appendix B.

The following table lists the items often observed on properties that represent an environment concern. Items marked yes were identified on the Subject Property. A Summary of the condition of each of the observed items is provided below in the appropriate subsection of this report.

RECONNAISSANCE SUMMARY

Section/ Item	Identified?
6.3.1 Hazardous Substances	NO
6.3.2 Petroleum Products	NO
6.3.3 USTs	NO
6.3.4 ASTs	NO
6.3.5 Odors	NO
6.3.6 Other Suspect Containers	NO
6.3.7 Equipment Likely To Contain PCBs	NO
6.3.8 Heating and Cooling	NO
6.3.9 Interior Staining/Corrosion	NO
6.3.10 Drains and Sumps	YES
6.3.11 Pits, Ponds and Lagoons/Pools of Liquid	NO
6.3.12 Stained Soil or Pavement	NO
6.3.13 Stressed Vegetation	NO
6.3.14 Solid Waste Dumpling/Landfills	NO
6.3.15 Waste Water/Discharge Features	YES
6.3.16 Wells	NO
6.3.17 Septic Systems	NO

6.3.1 HAZARDOUS SUBSTANCES

No hazardous substances were observed on the Subject Property during the site reconnaissance.

6.3.2 PETROLEUM PRODUCTS

No petroleum products were observed on the Subject Property during the site reconnaissance.

6.0 SITE RECONNAISSANCE (continued)

6.3 SITE RECONNAISSANCE - SUBJECT PROPERTY (continued)

6.3.3 USTs

Evidence of underground storage tanks were not observed on the Subject Property.

6.3.4 ASTs

Ecobility did not identify evidence of above ground storage tanks (ASTs) on the Subject Property.

6.3.5 ODORS

No odors were detected or observed on the Subject Property during site reconnaissance.

6.3.6 OTHER SUSPECT CONTAINERS

Other suspect containers were not identified on the Subject Property during the site reconnaissance.

6.3.7 EQUIPMENT LIKELY TO CONTAIN PCBs

The Subject Property was inspected for the presence of liquid-cooled electrical units (transformers, light ballasts and capacitors) that may be potential sources of PCBs. A Southern California Edison (SCE) power pole with one transformer was observed on the east side of the office building. The transformer appeared to be in good condition with no staining or leakage observed on the transformer or on the ground in the vicinity of the power pole. The transformer is owned by Southern California Edison, the local utility, who would be responsible in the event of a release. No other potential PCB containing equipment was observed on-site. The presence of the transformer is not considered a recognized environmental condition (REC) to the Subject Property.

6.3.8 HEATING AND COOLING

A central heating and cooling system for the mobile home park was not observed on the Subject Property. Individual mobile homes contain heating units and some homes were observed with window mounted air conditioning units.

6.3.9 INTERIOR STAINING/CORROSION

No interior staining or corrosion was observed on the Subject Property during the site reconnaissance.

6.3.10 DRAINS AND SUMPS

A discharge feature was observed in the southwest corner of the property at the property boundary. Surface water runoff gravity feeds to the southwest corner of the storage yard and flows through an approximately 18-inch concrete channel to the municipal storm water system located on North Orange Olive Road. No staining was observed in the concrete channel or in the southwest corner of the facility.

An approximately 2,000 to 3,000 gallon concrete sump is located beneath a small shed of wood and concrete block construction with a corrugated metal roof. Surface water from the adjoining car wash area and storm water runoff flows into a concrete surface depression and through a plastic grate located on the south side of the shed. According to the Mr. Joe Labarbera, Owner of the ETMHP, the sump has an alarm float that triggers a pump when surface water reaches a certain level in the sump. The water is then pumped via a 2-inch ABS pipe located above ground along the north property boundary and flows west and is discharged into Placentia Avenue. A hose bib and hose were observed attached to the south side of the shed.

6.0 SITE RECONNAISSANCE (continued)

6.3 SITE RECONNAISSANCE - SUBJECT PROPERTY (continued)

6.3.10 DRAINS AND SUMPS (continued)

Additional storm water drains were observed in the asphalt interior access road on the southeast side of the property (a 24-inch by 24-inch metal grate) and a 6-inch metal drain on the northeast side of the property. Both drains flow to the municipal storm water system located on Placentia Avenue. No staining was observed in the vicinity of the sump or surface drains. The sump and storm water drains are not considered an REC to the Subject Property. Photographs of the sump and drains can be viewed in Appendix B.

6.3.11 PITS, PONDS AND LAGOONS/POOLS OF LIQUID

No pits, ponds or lagoons were observed on the Subject Property during the site reconnaissance.

6.3.12 STAINED SOIL OR PAVEMENT

No stained soil or pavement was observed on the Subject Property during the site reconnaissance.

6.3.13 STRESSED VEGETATION

No stressed vegetation was observed on the Subject Property during the site reconnaissance.

6.3.14 SOLID WASTE DUMPING/LANDFILLS

No solid waste dumping or landfills were observed on the Subject Property during the site reconnaissance.

6.3.15 WASTE WATER/DISCHARGE FEATURES

Discharge features observed included a concrete sump and storm water drains located in the asphalt interior access roads. An approximately 2,000 to 3,000 gallon concrete sump is located beneath a small shed of wood and concrete block construction with a corrugated metal roof. Surface water from the adjacent car wash area and storm water runoff flows into a concrete surface depression and through a plastic grate located on the south side of the shed. According to the Mr. Joe Labarbera, Owner of the ETMHP, the sump has an alarm float that triggers a pump when surface water reaches a certain level in the sump. The water is then pumped via a 2-inch ABS pipe located above ground along the north property boundary and flows west and is discharged into Placentia Avenue. A hose bib and hose were observed attached to the south side of the shed.

Additional storm water drains were observed in the asphalt interior access road on the southeast side of the property (a 24-inch by 24-inch metal grate) and a 6-inch metal drain on the northeast side of the property. Both drains flow to the municipal storm water system located on Placentia Avenue. No staining was observed in the vicinity of the sump or surface drains. The sump and storm water drains are not considered an REC to the Subject Property. Photographs of the sump and drains can be viewed in Appendix B

6.3.16 WELLS

Wells were not identified on the Subject Property during the site reconnaissance.

6.3.17 SEPTIC SYSTEMS

No septic systems were observed or identified by the property owner on the Subject Property during the site reconnaissance.

6.0 SITE RECONNAISSANCE (continued)

6.4 SITE RECONNAISSANCE - ADJOINING PROPERTIES

The current usage of adjoining properties as identified during the site reconnaissance were as follows:

North : Industrial/commercial businesses (So. California Collectibles -787 W. 16th St.; Full Throttle Restoration & Repair - 785 W. 16th St.; Auto Connect USA -779 W. 16th St.; M & M Auto Repair - 789 W. 16th Street; Criterion Machine Works - 765 W. 16th Street and vacant industrial buildings (775-777 W. 16th St.) followed by West 16th Street.

West: Placentia Avenue, followed by industrial/commercial businesses (Seaside Deli & Catering-1559 Placentia Avenue; Furling & Rigging-1571 Placentia Avenue).

South: Newport Harbor Apartments (1544 Placentia Avenue).

East: Newport Nursing & Rehabilitation Center - 1555 Superior Avenue and a multi-tenant commercial building.

A Summary of uses and conditions is tabulated below. Detailed information is discussed following the summary along with an opinion about the significance of the listing.

RECONNAISSANCE SUMMARY

Section/ Item	Identified?
6.4.1 Adjoining Hazardous Substances	NO
6.4.2 Adjoining Petroleum Products	NO
6.4.3 Adjoining USTs	NO
6.4.4 Adjoining ASTs	NO
6.4.5 Adjoining Odors	NO
6.4.6 Adjoining Other Suspect Containers	NO
6.4.7 Adjoining Equipment Likely to Contain PCBs	NO
6.4.8 Adjoining Heating and Cooling	YES
6.4.9 Adjoining Interior Staining/Corrosion	NO
6.4.10 Adjoining Drains and Sumps	YES
6.4.11 Adjoining Pits, Ponds and Logoons/Pools of Liquid	NO
6.4.12 Adjoining Stained Soil or Pavement	YES
6.4.13 Adjoining Stressed Vegetation	NO
6.4.14 Adjoining Solid Waste Dumping/Landfills	NO
6.4.15 Waste Water/Discharge Features	YES
6.4.16 Adjoining Wells	YES
6.4.17 Adjoining Septic Systems	NO

6.4.1 HAZARDOUS SUBSTANCES

Hazardous substances were not observed on the adjoining properties during the site reconnaissance.

6.4.2 PETROLEUM PRODUCTS

Petroleum products were not observed on the adjoining properties during the site reconnaissance.

6.4.3 USTs

Underground storage tanks (USTs) were not identified on the adjoining properties during the site reconnaissance.

6.0 SITE RECONNAISSANCE (continued)

6.4 SITE RECONNAISSANCE - ADJOINING PROPERTIES (continued)

6.4.4 ASTs

Above ground storage tanks (ASTs) were not identified on the adjoining properties during the site reconnaissance.

6.4.5 ODORS

No odors were detected or observed on the adjoining properties during the site reconnaissance.

6.4.6 OTHER SUSPECT CONTAINERS

Suspect containers were not identified on the adjoining properties during the site reconnaissance.

6.4.7 EQUIPMENT LIKELY TO CONTAIN PCBs

No power poles or equipment likely to contain PCBs was observed or identified on the adjoining properties during site reconnaissance.

6.4.8 HEATING AND COOLING

Heating and cooling systems were observed on the roof of the adjoining vacant industrial buildings (775-777 West 16th Street) to the north. Electricity and gas are provided to the site by the Southern California Edison and Southern California Gas Company.

6.4.9 INTERIOR STAINING/CORROSION

Interior staining or corrosion was not identified on the adjoining properties during the site reconnaissance.

6.4.10 DRAINS AND SUMPS

A drainage grate and sump were observed in the southeast corner of the adjoining property to the north. The drainage grate and sump are located approximately 10-feet from the north property boundary of the Subject Property. PVC piping were observed coming out of the top of the drainage grate and traveling north down the east side of the adjoining property toward the vacant industrial building and West 16th Street. The purpose of the piping is not known. The piping may be part of a former soil vapor extraction system that operated on the adjoining property in 2009 to 2010. Stained asphalt was observed in the vicinity of the drainage grate and sump.

According to Mr. Labarbera, owner of ETMHP, during significant rain events in the past, the sump on the adjoining industrial property to the north has overflowed onto the mobile home park property and into the on-site sump. Mr. Labarbera indicated that a concrete curb was placed on the north property boundary to direct any overflow from the adjoining property back onto their property or away from the mobile home park property.

According to a *Supplemental Site Investigation Report* (Case No. 09IC002), *775-777 West 16th Street, Costa Mesa, CA., prepared for AEA Investments V, LLC, prepared by ENVIRON International Corporation, dated October 30, 2013*, the adjoining sump is identified as a source of VOC (primarily PCE and TCE) contamination that has impacted soil, soil vapor and groundwater. According the report, VOCs have migrated onto the Subject Property and impacted the soil vapor and groundwater. The ongoing site investigation work on the adjoining vacant industrial building property is under the regulatory guidance of the OCHCA and the SARWQCB. Additional assessment of the soil, soil vapor and groundwater on the Subject Property has been requested by the OCHCA.

The adjoining sump is considered a VEC and REC to the Subject Property.

6.0 SITE RECONNAISSANCE (continued)

6.4 SITE RECONNAISSANCE - ADJOINING PROPERTIES (continued)

6.4.11 PITS, PONDS AND LAGOONS/POOLS OF LIQUID

Pits, ponds, or lagoons were not observed during the site reconnaissance on the adjoining properties.

6.4.12 STAINED SOIL OR PAVEMENT

Stained asphalt was observed in the vicinity of the drainage grate and sump located in the southeast corner of the adjoining property to the north (775-777 West 16th Street). The sump has been identified as a potential source of VOC contamination that has impacted soil, soil vapor and groundwater. The staining in the vicinity of the sump/drainage grate is considered an REC to the Subject Property.

6.4.13 STRESSED VEGETATION

Stressed vegetation on adjoining properties were not observed during the site reconnaissance.

6.4.14 SOLID WASTE DUMPING/LANDFILLS

Solid waste dumping or landfills were not identified on the adjoining properties during the site reconnaissance.

6.4.15 WASTE WATER/DISCHARGE FEATURES

A surface water/storm water drainage grate and sump was observed in the southeast corner of the adjoining property to the north. The drainage grate and sump are located approximately 10-feet from the north property boundary of the Subject Property. The sump is identified as a source of VOC (primarily PCE and TCE) contamination that has impacted soil, soil vapor and groundwater on the adjoining industrial property to the north (775-777 West 16th Street). According to a *Supplemental Site Assessment Report* (Case No. 09IC002), *775-777 West 16th Street, Costa Mesa, CA., prepared for AEA Investments V, LLC, prepared by ENVIRON International Corporation, dated October 30, 2013*, the sump is identified as a source of VOC (primarily PCE and TCE) contamination that has impacted soil, soil vapor and groundwater. The ongoing site investigation work on the adjoining vacant industrial building property is under the regulatory guidance of the OCHCA and the SARWQCB. The presence of the sump and drainage grate on the adjoining industrial property to the north are considered a VEC and REC to the Subject Property.

6.4.16 WELLS

Groundwater monitoring well monuments were observed along the south property boundary of the adjoining industrial property to the north. The monitoring wells are part of an ongoing site investigation that is being performed on the adjoining industrial property to the north to assess VOC impacts to soil, soil vapor and ground on the adjoining property, the Subject Property and surrounding properties to the east and west. The site investigation is under the regulatory guidance of the OCHCA and the SARWQCB. The presence of groundwater monitoring wells on the adjoining property is considered a VEC and REC to the Subject Property.

6.4.17 SEPTIC SYSTEMS

No septic systems were observed on adjoining properties during the site reconnaissance.

7.0 INTERVIEWS

Meeting with OCHCA, January 30, 2014.
Ecobility, the property owner, Mr. Joe Labarbera and representatives of Ebb Tide LLC met with Mr. Anthony Martinez, Program Manager, Hazardous Material Mitigation with the OCHCA, Mr. Luis Lodrigueza, Hazardous Waste Specialist with the OCHCA, Ms. Geniece Higgins, Supervising Hazardous Waste Specialist with the OCHCA who oversees the Site Investigation on the adjoining industrial property to the north (775-777 West 16th St.) was conducted on January 30, 2014. The purpose of the meeting was to determine the status of the Site Investigation work completed to date and if there were any impacts to future development on the adjoining Ebb Tide Mobile Home Park. Ms. Higgins advised that the chemicals of concern are PCE and TCE and its breakdown products. She advised that the contaminants are in the soil vapor and groundwater. Ms. Higgins stated that soil vapor concentrations do not appear to impact human health on the ETMHP property and groundwater contaminants should not be an issue considering the tenants on the mobile home park property will not have contact with the groundwater. According to the OCHCA the sources of contamination appear to be under the adjoining industrial building and at the former tank/sump. Soil vapor results to date to not indicate a human health concern on the mobile home park property. According to Ms. Higgins, the OCHCA, using the soil vapor data estimated health risks and found, "there is no human health risk to the mobile home park property at this time based on a health risk threshold of one in a million." Ms. Higgins further agreed that OCHCA had no issues with the property being re-developed with residential homes.

Ms. Higgins further advised that additional site investigation work is being proposed for the adjoining industrial property and the ETMHP, including a soil vapor investigation for the ETMHP property and properties to the east and west of the industrial property. The owner of the industrial property has been asked by the OCHCA and SARWQCB to pursue a groundwater investigation to define the extent of the contaminant plume and to investigate the soil in the vicinity of the sump and possibly onto the ETMHP property and the adjoining property to the east. Ms. Higgins advised that groundwater monitoring wells may need to be located on the ETMHP property and access to the property will be necessary for further testing.

The following private parties were interviewed regarding the Subject Property.

- Mr. Joe Labarbera, Owner, Ebb Tide Mobile Home Park met Ecobility on-site to provide a site tour and was interviewed on January 27, 2014. Mr. Labarbera indicated he has owned the property since the early 1970's. Prior to the mobile home park, the property was a state operated trailer park. The ETMHP contains approximately 80 mobile home tenant spaces that are single and double wide. Mr. Labarbera indicated the Subject Property has never been on a septic system to his knowledge, the property has always been connected to the municipal sewer system. Mr. Labarbera walked the property with Valerie Marshall, Environmental Professional with Ecobility and advised that the on-site concrete sump was approximately 2,000 to 3,000 gallons, and received surface water from an adjoining car wash area and storm water during rain events. Ecobility was advised that the sump has an alarm system that is triggered when water in the sump reaches a certain level and is pumped via a 2-inch above ground plastic pipe that runs along the north property boundary, west to Placentia Avenue and into the municipal storm water system. Mr. Labarbera advised that during historic rain events the sump on the adjoining industrial property to the north sometimes overflowed onto the mobile home park property and into the on-site sump. A concrete curb was built along the north property boundary, next to the on-site sump, to prevent any overflow from the adjoining sump from flowing back onto the mobile home park property. Mr. Larbarbera showed Ecobility where the sump is located on the north adjoining property and its proximity to the mobile home park. Mr. Labarbera provided an overview of the on-site and off-site site investigation that has been conducted on the Subject Property. Mr. Labarbera indicated that he was not aware of any environmental liens or AULs associated with the property.

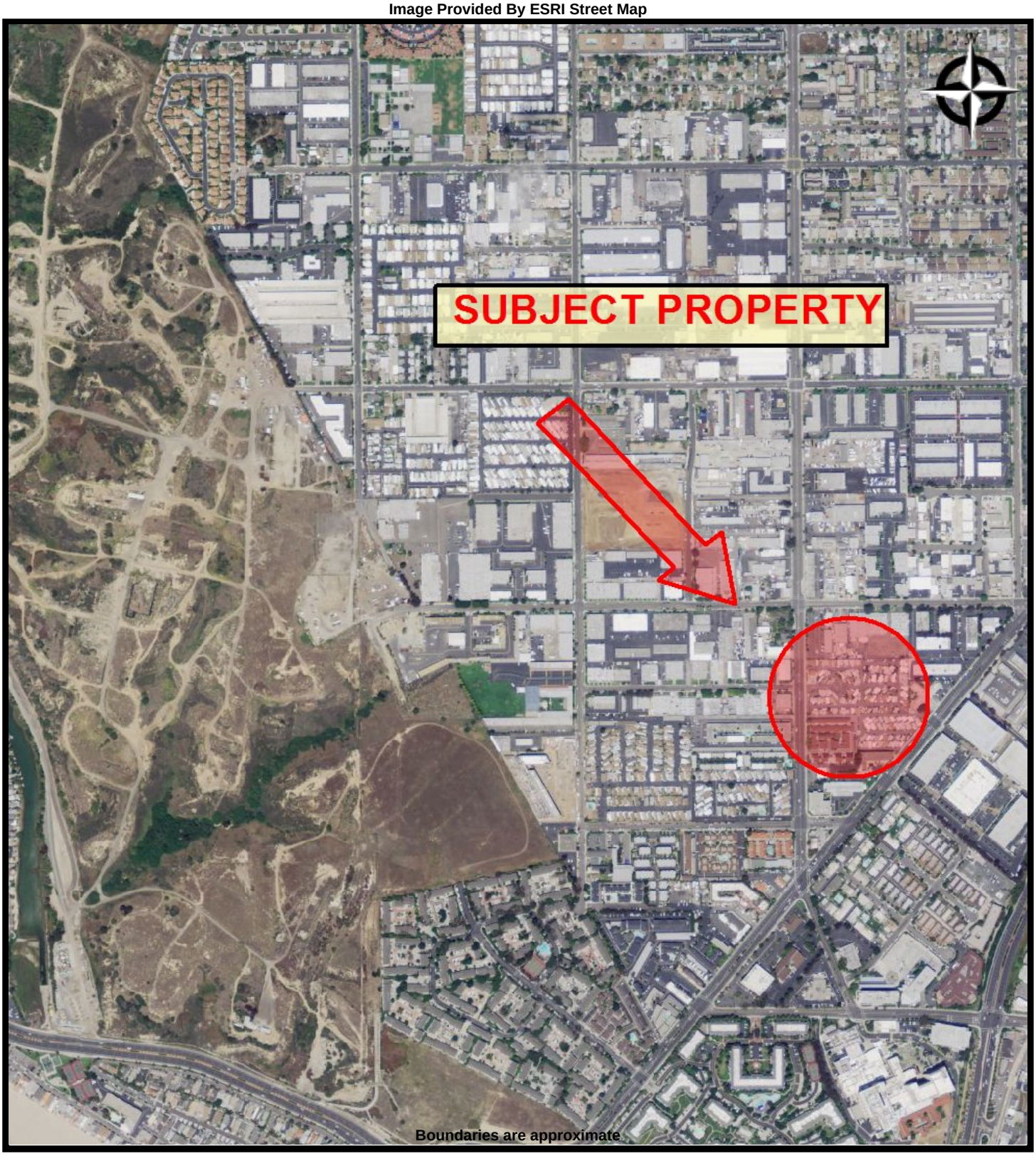
- Mr. Kye Evans with Ebb Tide LLC facilitated the completion of the User Questionnaire. Mr. Evans indicated that he was aware of ongoing site investigation on the north adjoining property and that contaminants had migrated onto the Subject Property. Mr. Evans also indicated he is not aware of any environmental liens or AULs associated with the property. Please refer to Appendix F for the completed User Questionnaire.

Appendix A:

FIGURES

PA2014-110

Image Provided By ESRI Street Map



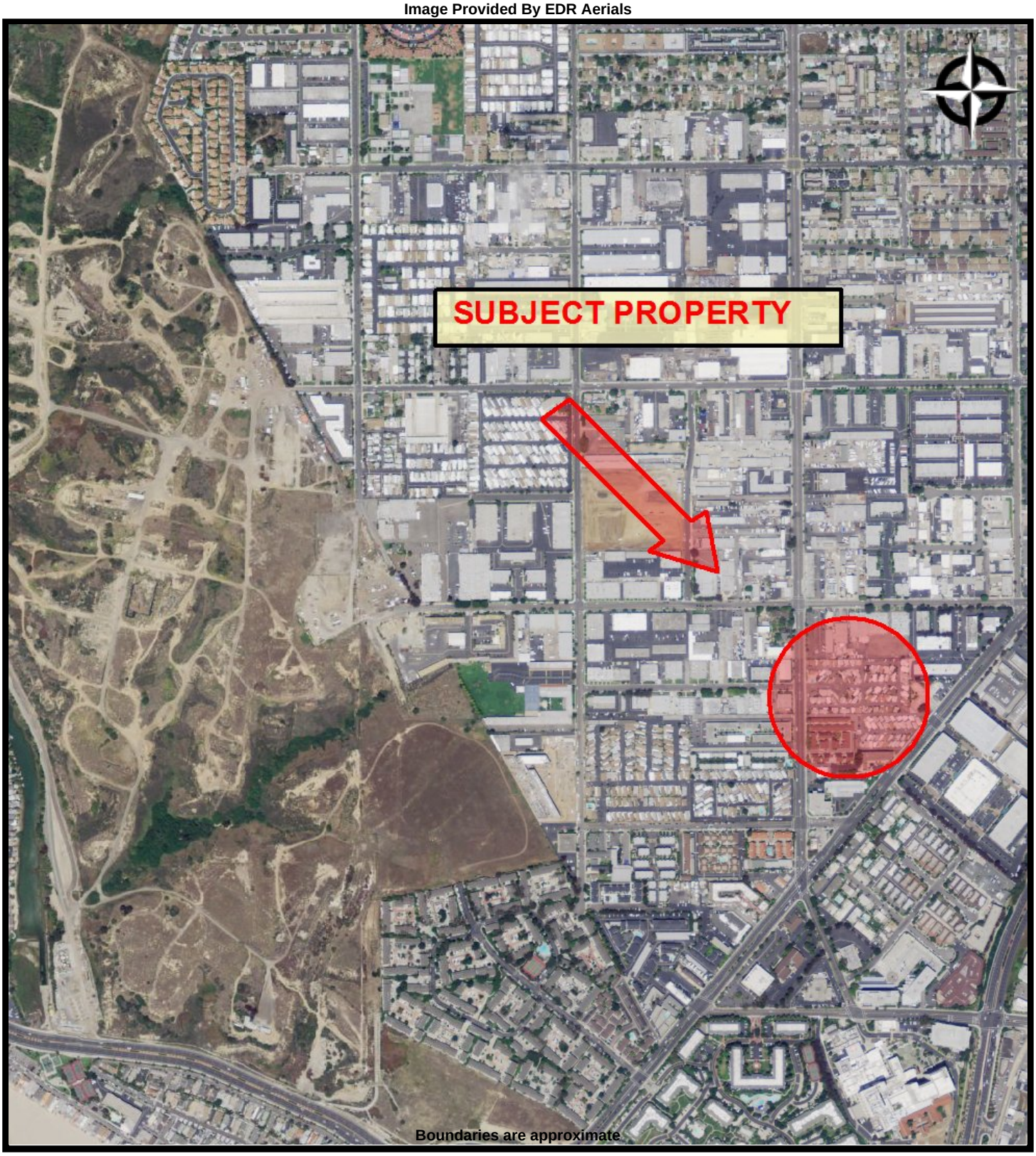
ecobility corporation

SITE LOCATION MAP
MBK - NEWPORT BEACH PROJECT
1560-1570 PLACENTIA AVENUE
Costa Mesa CA 92627

PREPARED FOR: MBK Homes
PROJ. MGR: **DATE: 2/10/2014**
DRAWN BY: Valerie Marshall **PROJ. #: 026-14-001-1**

PA2014-110

Image Provided By EDR Aerials



ecobility corporation

SITE VICINITY MAP
EBB TIDE LLC - NEWPORT BEACH PROJECT
1560-1570 Placentia Avenue
Costa Mesa CA 92627

PREPARED FOR: Ebb Tide LLC
PROJ. MGR: M. Mooradian
DRAWN BY: Valerie Marshall
DATE: 6/5/2014
PROJ. #: 026-14-001-1

Appendix B:

PHOTOGRAPHS



IMG_2938 View of pool and recreation room.



IMG_2940 View of main entrance road into Ebb Tide Mobile Home Park from Placentia Ave. to the west.



IMG_2942 View of surrounding apartment to the southwest, across Placentia Ave.



IMG_2943 View of interior asphalt road, looking west to east.



IMG_2944 View of surrounding commercial/industrial buildings to the northwest from Placentia Ave.



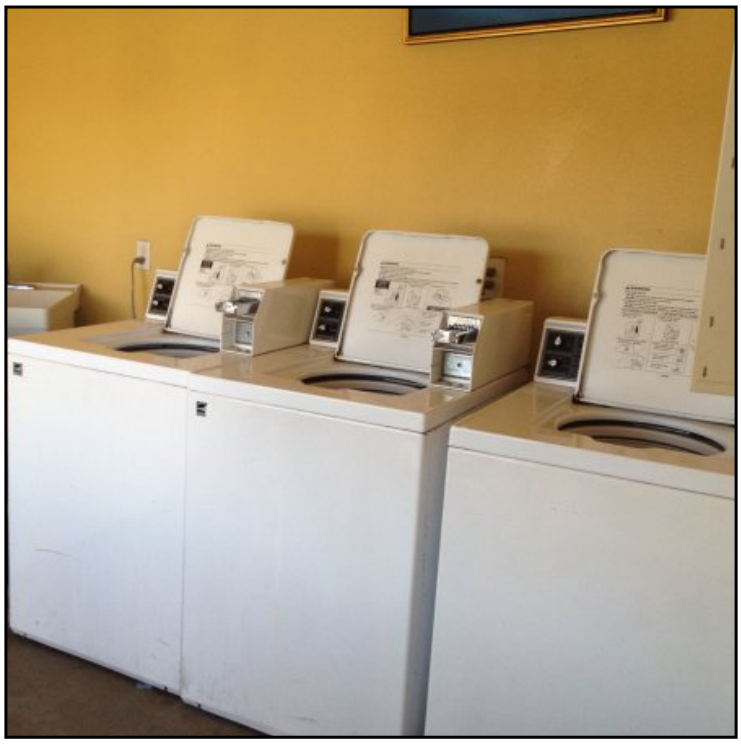
IMG_2947 View of typical mobile home, with landscaping.



IMG_2948 View of office building located on west side of the property.



IMG_2949 View of laundry room.



IMG_2950 View of washing machine in laundry room.



IMG_2951 View of on-site trash dumpsters.



IMG_2952 View of interior of on-site storm water/surface water sump.



IMG_2953 View of exterior shed that covers sump.



IMG_2955 View of pool equipment located in pool shed, east of pool recreation room.



IMG_2956 View of surface water drain located in asphalt interior access road.



IMG_2958 Another view of mobile homes that line the interior asphalt access roads.



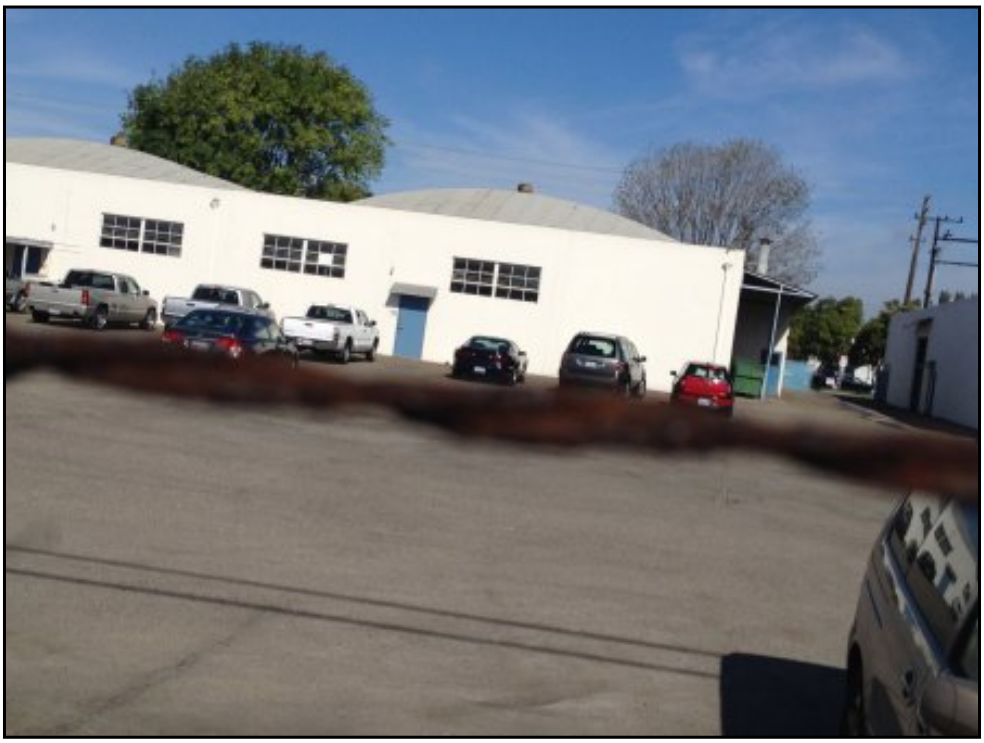
IMG_2959 View of exterior of mobile homes.



IMG_2960 View of adjoining property to the east.



IMG_2961 View of east side of property, looking south to north.



IMG_2964 View of adjoining property to the north.



IMG_2966 View of adjoining sump located in southeast corner of the industrial property. View is from the north property fence line looking into north adjoining property. PVC piping is visible coming from the sump and running north along east fence line.



IMG_2967 Another view of adjoining sump area from north fence line of the Subject Property.



IMG_2968 View of adjoining property to the north. Sump is located in the southeast corner.



IMG_2970 Another view of adjoining property to the north (775-777 W. 16th St.).



IMG_2971 View looking east to west along the north property boundary, past the on-site sump.



IMG_2972 Another view of the on-site sump. The hose and drainage grate are visible.



IMG_2973 Another view of the on-site sump.



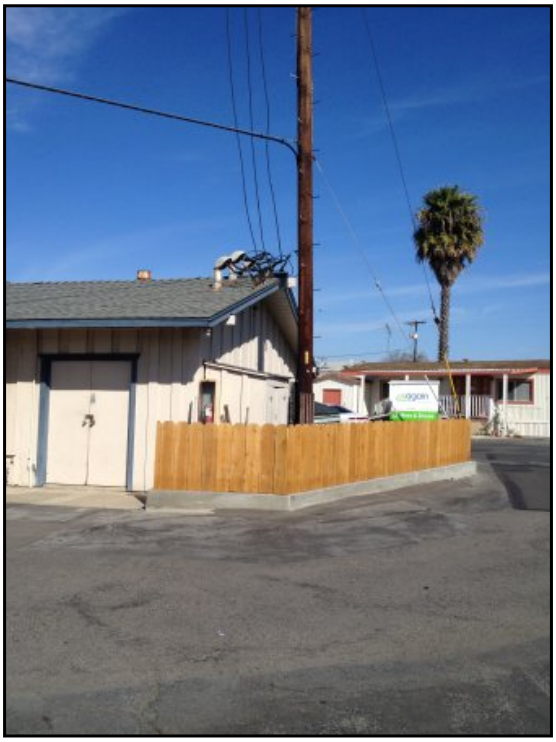
IMG_2975 View of a typical concrete driveway that are located adjacent to many of the on-site mobile homes.



IMG_2976 View of a surface water/storm water grate that is located in the asphalt access road.



IMG_2981 View of on-site power pole with pole mounted transformer. The power pole is located on the east side of the on-site office.



IMG_2982 Another view of office and adjoining power pole.



IMG_2983 View from north adjoining property, looking south toward the Subject Property.



IMG_2986 View of groundwater monitoring well monument on the north adjoining property.



IMG_2990 View of Ebb Tide Mobile Home Park from across Placentia Avenue to the west.



IMG_2992 View of central mailbox area located on north side of office building. Entrance to the laundry room is visible east of mailboxes.



IMG_2994 View of Ebb Tide Mobile Home Park looking southeast from the adjoining parking lot northwest of the Subject Property.

Appendix C:

HISTORICAL RESEARCH

PA2014-110

EBB TIDE MOBILE HOME PARK
1560-1570 PLACENTIA AVENUE
Costa Mesa, CA 92627

Inquiry Number: 3830898.6
January 14, 2014

The EDR Property Tax Map Report

Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

EDR Property Tax Map Report

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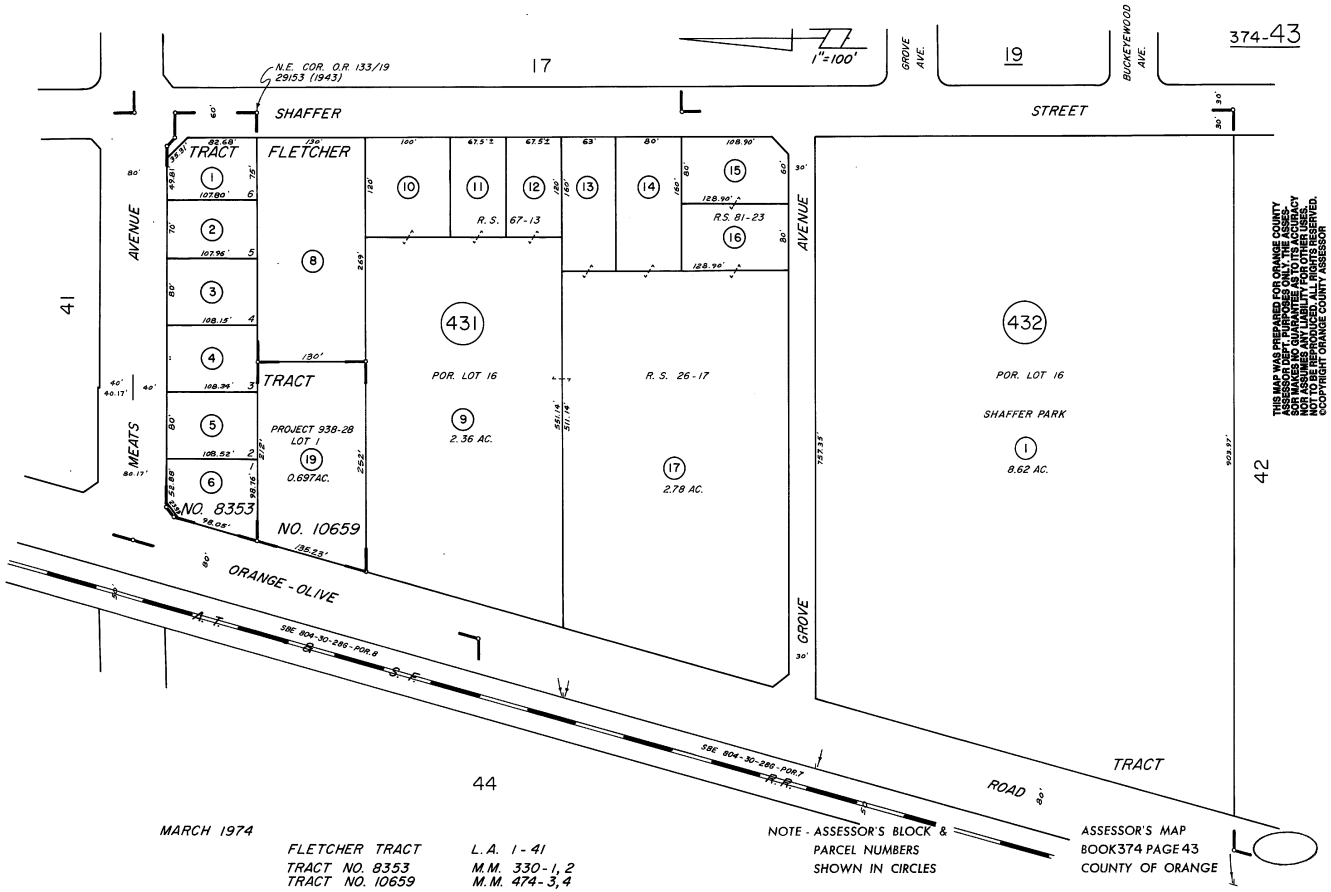
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MARCH 1974

FLETCHER TRACT
TRACT NO. 8353
TRACT NO. 10659

L.A. 1-41
M.M. 330-1, 2
M.M. 474-3, 4

NOTE - ASSESSOR'S BLOCK & PARCEL NUMBERS SHOWN IN CIRCLES

ASSESSOR'S MAP
BOOK 374 PAGE 43
COUNTY OF ORANGE

PA2014-110

EBB TIDE MOBILE HOME PARK
1560-1570 PLACENTIA AVENUE
Costa Mesa, CA 92627

Inquiry Number: 3830898.3
January 14, 2014

Certified Sanborn® Map Report

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Milford, CT 06461
800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

1/14/14

Site Name:
EBB TIDE MOBILE HOME
1560-1570 PLACENTIA
Costa Mesa, CA 92627

EDR Inquiry # 3830898.3

Client Name:
Ecobility Corporation
PO Box 2651
Palos Verdes Peninsula, CA

Contact: Valerie Marshall

EDR® Environmental Data Resources Inc

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Certified Sanborn Results:

Site Name: EBB TIDE MOBILE HOME PARK
Address: 1560-1570 PLACENTIA AVENUE
City, State, Zip: Costa Mesa, CA 92627
Cross Street:
P.O. # NA
Project: 026-14-001-1
Certification # 70B2-4952-8CB6

Sanborn® Library search results
Certification # 70B2-4952-8CB6

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.

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
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EBB TIDE MOBILE HOME PARK
1560-1570 PLACENTIA AVENUE
Costa Mesa, CA 92627

Inquiry Number: 3830898.4
January 14, 2014

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Historical Topographic Map



N	TARGET QUAD NAME: SANTA ANA MAP YEAR: 1901 SERIES: 15 SCALE: 1:62500	SITE NAME: EBB TIDE MOBILE HOME PARK ADDRESS: 1560-1570 PLACENTIA AVENUE Costa Mesa, CA 92627 LAT/LONG: 33.6311 / -117.9314	CLIENT: Ecobility Corporation CONTACT: Valerie Marshall INQUIRY#: 3830898.4 RESEARCH DATE: 01/14/2014

PA2014-110

Historical Topographic Map



N	TARGET QUAD		SITE NAME:	EBB TIDE MOBILE HOME PARK	CLIENT: Ecobility Corporation
	NAME:	SOUTHERN CA SHEET 1	ADDRESS:	1560-1570 PLACENTIA AVENUE	
	MAP YEAR:	1901		Costa Mesa, CA 92627	CONTACT: Valerie Marshall
			LAT/LONG:	33.6311 / -117.9314	INQUIRY#: 3830898.4
	SERIES:	60			RESEARCH DATE: 01/14/2014
	SCALE:	1:250000			

PA2014-110

Historical Topographic Map



N	TARGET QUAD NAME: CORONA MAP YEAR: 1902 SERIES: 30 SCALE: 1:125000	SITE NAME: EBB TIDE MOBILE HOME PARK ADDRESS: 1560-1570 PLACENTIA AVENUE Costa Mesa, CA 92627 LAT/LONG: 33.6311 / -117.9314	CLIENT: Ecobility Corporation CONTACT: Valerie Marshall INQUIRY#: 3830898.4 RESEARCH DATE: 01/14/2014

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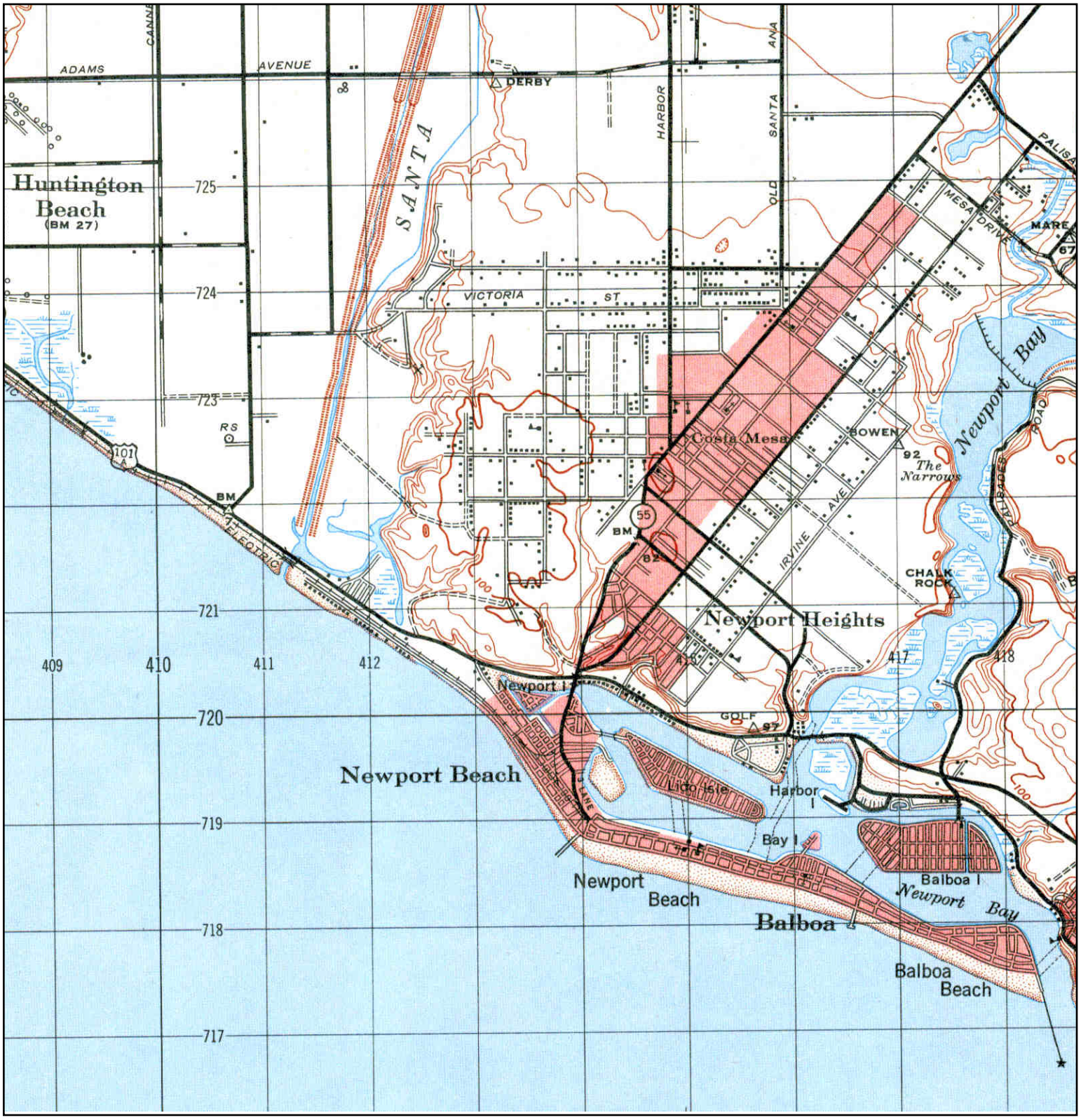
Historical Topographic Map



N	TARGET QUAD NAME: NEWPORT BEACH MAP YEAR: 1935 SERIES: 7.5 SCALE: 1:31680	SITE NAME: EBB TIDE MOBILE HOME PARK ADDRESS: 1560-1570 PLACENTIA AVENUE Costa Mesa, CA 92627 LAT/LONG: 33.6311 / -117.9314	CLIENT: Ecobility Corporation CONTACT: Valerie Marshall INQUIRY#: 3830898.4 RESEARCH DATE: 01/14/2014

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Historical Topographic Map



N	TARGET QUAD NAME: SANTA ANA MAP YEAR: 1942 SERIES: 15 SCALE: 1:50000	SITE NAME: EBB TIDE MOBILE HOME PARK ADDRESS: 1560-1570 PLACENTIA AVENUE Costa Mesa, CA 92627 LAT/LONG: 33.6311 / -117.9314	CLIENT: Ecobility Corporation CONTACT: Valerie Marshall INQUIRY#: 3830898.4 RESEARCH DATE: 01/14/2014

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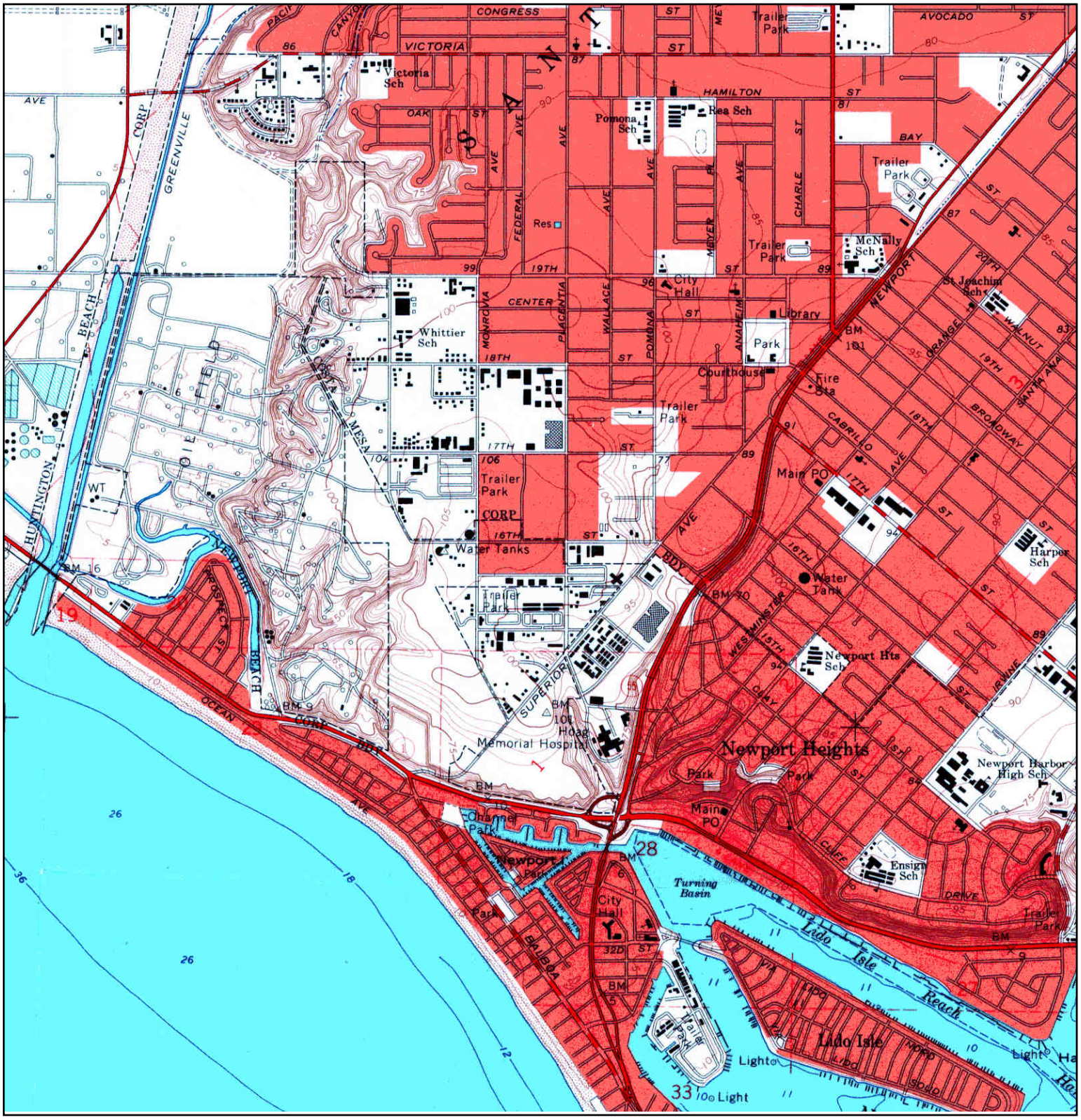
Historical Topographic Map



N	TARGET QUAD NAME: NEWPORT BEACH MAP YEAR: 1951 SERIES: 7.5 SCALE: 1:24000	SITE NAME: EBB TIDE MOBILE HOME PARK ADDRESS: 1560-1570 PLACENTIA AVENUE Costa Mesa, CA 92627 LAT/LONG: 33.6311 / -117.9314	CLIENT: Ecobility Corporation CONTACT: Valerie Marshall INQUIRY#: 3830898.4 RESEARCH DATE: 01/14/2014

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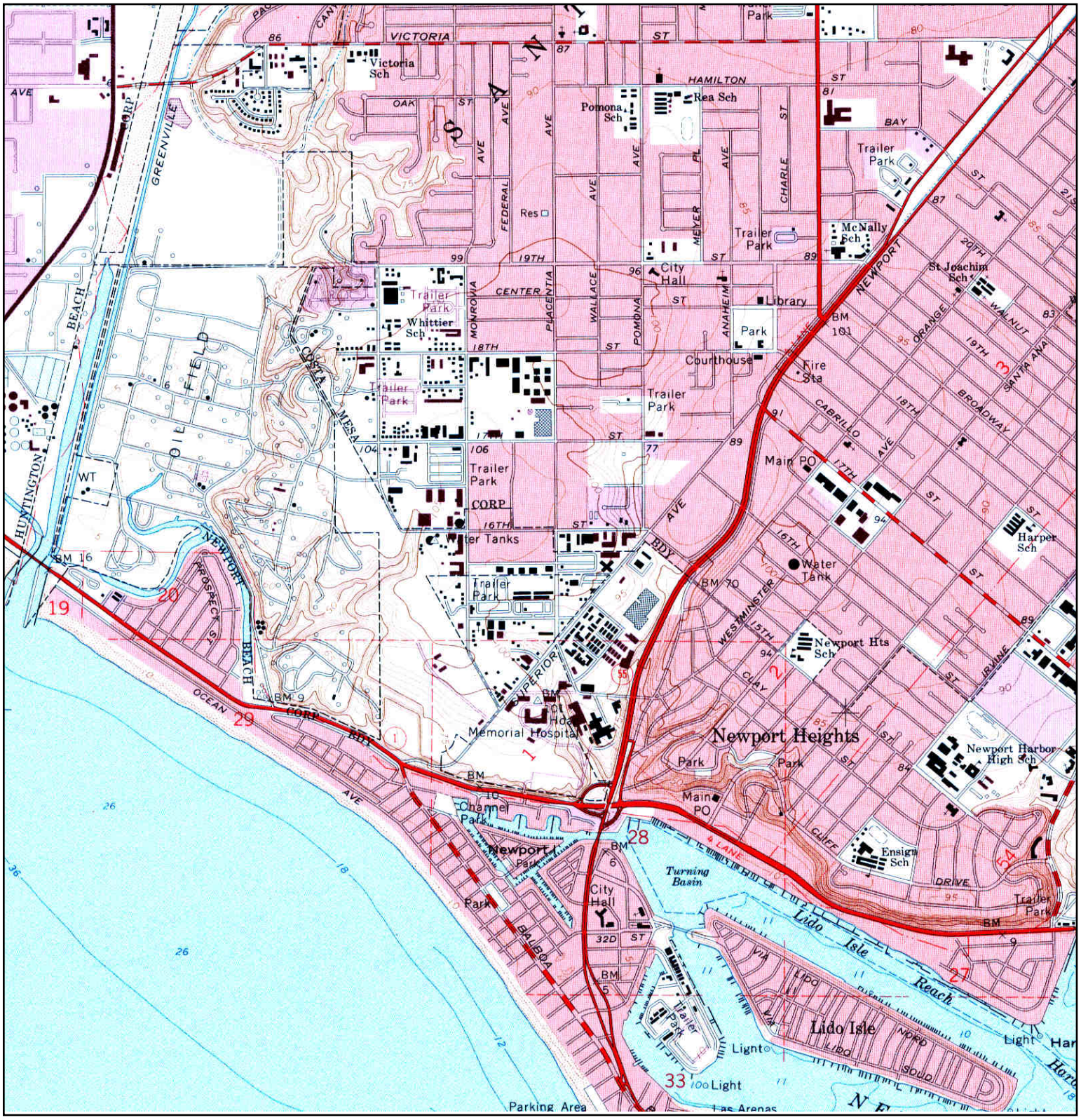
Historical Topographic Map



N	TARGET QUAD				
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	MAP YEAR:	1965	ADDRESS:	1560-1570 PLACENTIA AVENUE Costa Mesa, CA 92627	CONTACT: Valerie Marshall
	SERIES:	7.5	LAT/LONG:	33.6311 / -117.9314	INQUIRY#: 3830898.4
	SCALE:	1:24000			RESEARCH DATE: 01/14/2014

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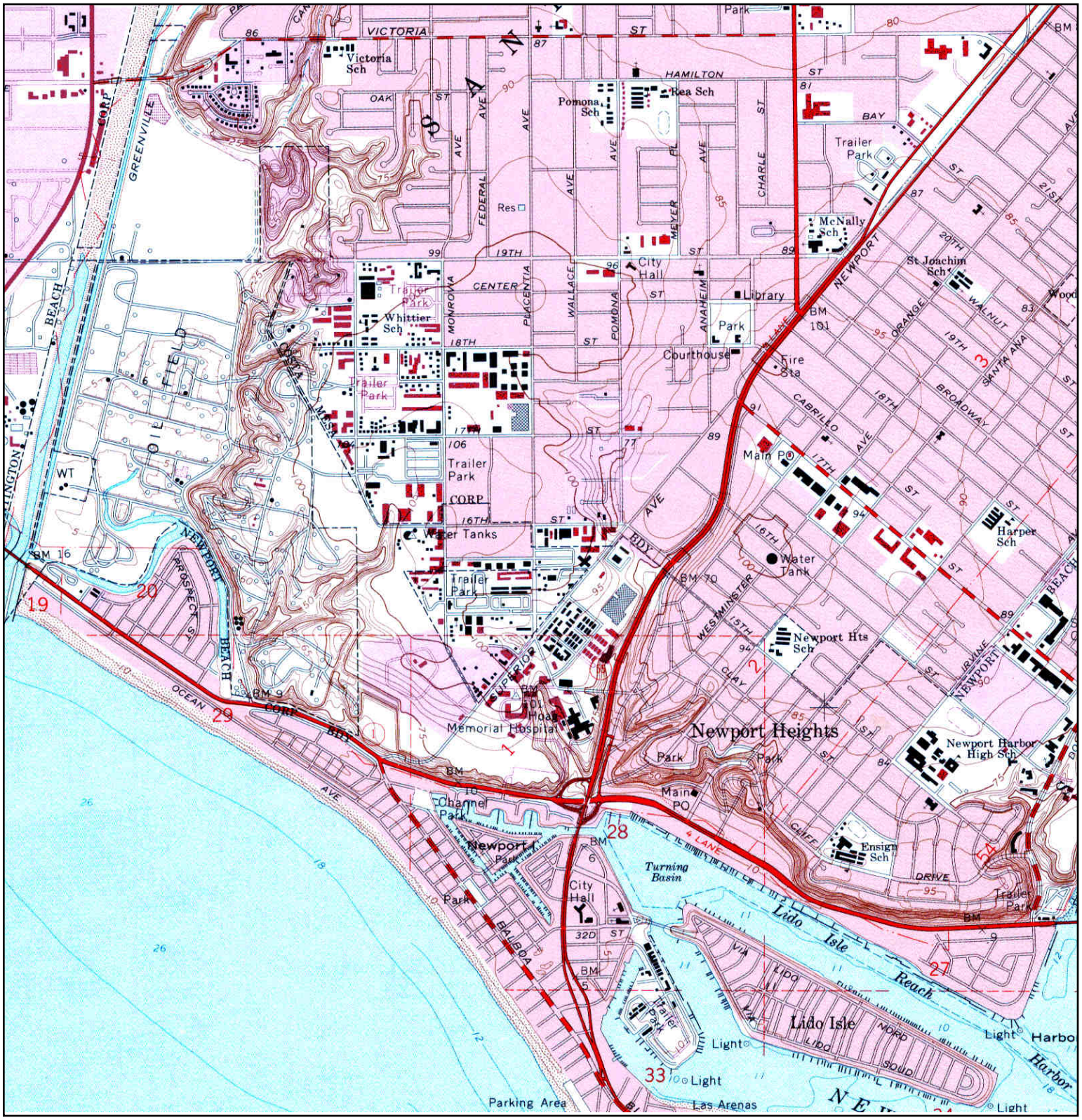
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Historical Topographic Map


VICTORIA ST
HAMILTON ST
OAK ST
BAY ST
19TH ST
CENTER ST
18TH ST
17TH ST
16TH ST
15TH ST
Victoria Sch
Pomona Sch
Rea Sch
Trailer Park
McNally Sch
City Hall
Library
Courthouse
Park
Fire Sta
St Joachim Sch
Whittier Sch
Trailer Park
Trailer Park
Trailer Park
Water Tanks
Water Tank
Main PO
Harper Sch
Newport Hts Sch
Memorial Hospital
Newport Heights
Newport Harbor High Sch
Main PO
Channel Park
Newport Park
City Hall
Turning Basin
Ensign Sch
Trailer Park
Lido Isle
Lido Isle Reach
Light
Parking Area
Las Arenas
Light
Light
GREENVILLE
NEWPORT BEACH
NEWPORT BLVD
BALBOA BLVD
OCEAN BLVD
NEWPORT BLVD
COAST HWY
NEWPORT BLVD
BEACH BLVD
NEWPORT BLVD
NEWPORT BLVD
NEWPORT

PA2014-110

EBB TIDE MOBILE HOME PARK
1560-1570 PLACENTIA AVENUE
Costa Mesa, CA 92627

Inquiry Number: 3830898.11
January 15, 2014

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Date EDR Searched Historical Sources:

Aerial Photography January 15, 2014

Target Property:

1560-1570 PLACENTIA AVENUE
Costa Mesa, CA 92627

Year	***Scale***	***Details***	***Source***
1927	Aerial Photograph. Scale: 1"=500'	Flight Year: 1927	Fairchild
1938	Aerial Photograph. Scale: 1"=500'	Flight Year: 1938	EDR
1947	Aerial Photograph. Scale: 1"=500'	Flight Year: 1947	Fairchild
1953	Aerial Photograph. Scale: 1"=500'	Flight Year: 1953	Pacific Air
1963	Aerial Photograph. Scale: 1"=500'	Flight Year: 1963	EDR
1972	Aerial Photograph. Scale: 1"=500'	Flight Year: 1972	EDR
1983	Aerial Photograph. Scale: 1"=500'	Flight Year: 1983	AMI
1990	Aerial Photograph. Scale: 1"=500'	Flight Year: 1990	USGS
1995	Aerial Photograph. Scale: 1"=500'	/DOQQ - acquisition dates: 1995	EDR
2005	Aerial Photograph. Scale: 1"=500'	Flight Year: 2005	EDR
2009	Aerial Photograph. Scale: 1"=500'	Flight Year: 2009	EDR
2010	Aerial Photograph. Scale: 1"=500'	Flight Year: 2010	EDR
2012	Aerial Photograph. Scale: 1"=500'	Flight Year: 2012	EDR

PA2014-110



INQUIRY #: 3830898.11

YEAR: 1927

= 500'

N

EDR Environmental Data Resources Inc

PA2014-110



INQUIRY #: 3830898.11

YEAR: 1938

= 500'

N

EDR Environmental Data Resources Inc

PA2014-110



INQUIRY #: 3830898.11

YEAR: 1947

= 500'

N

EDR Environmental Data Resources Inc

PA2014-110



INQUIRY #: 3830898.11

YEAR: 1953

= 500'

N

EDR Environmental Data Resources Inc

PA2014-110



INQUIRY #: 3830898.11

YEAR: 1963

= 500'

N

EDR Environmental Data Resources Inc

PA2014-110



INQUIRY #: 3830898.11

YEAR: 1972

= 500'

N

PA2014-110



INQUIRY #: 3830898.11

YEAR: 1983

= 500'

N

EDR Environmental Data Resources Inc

PA2014-110



INQUIRY #: 3830898.11

YEAR: 1990

= 500'

N

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PA2014-110



INQUIRY #: 3830898.11

YEAR: 1995

= 500'

N

EDR Environmental Data Resources Inc

PA2014-110



INQUIRY #: 3830898.11

YEAR: 2005

= 500'

N

PA2014-110



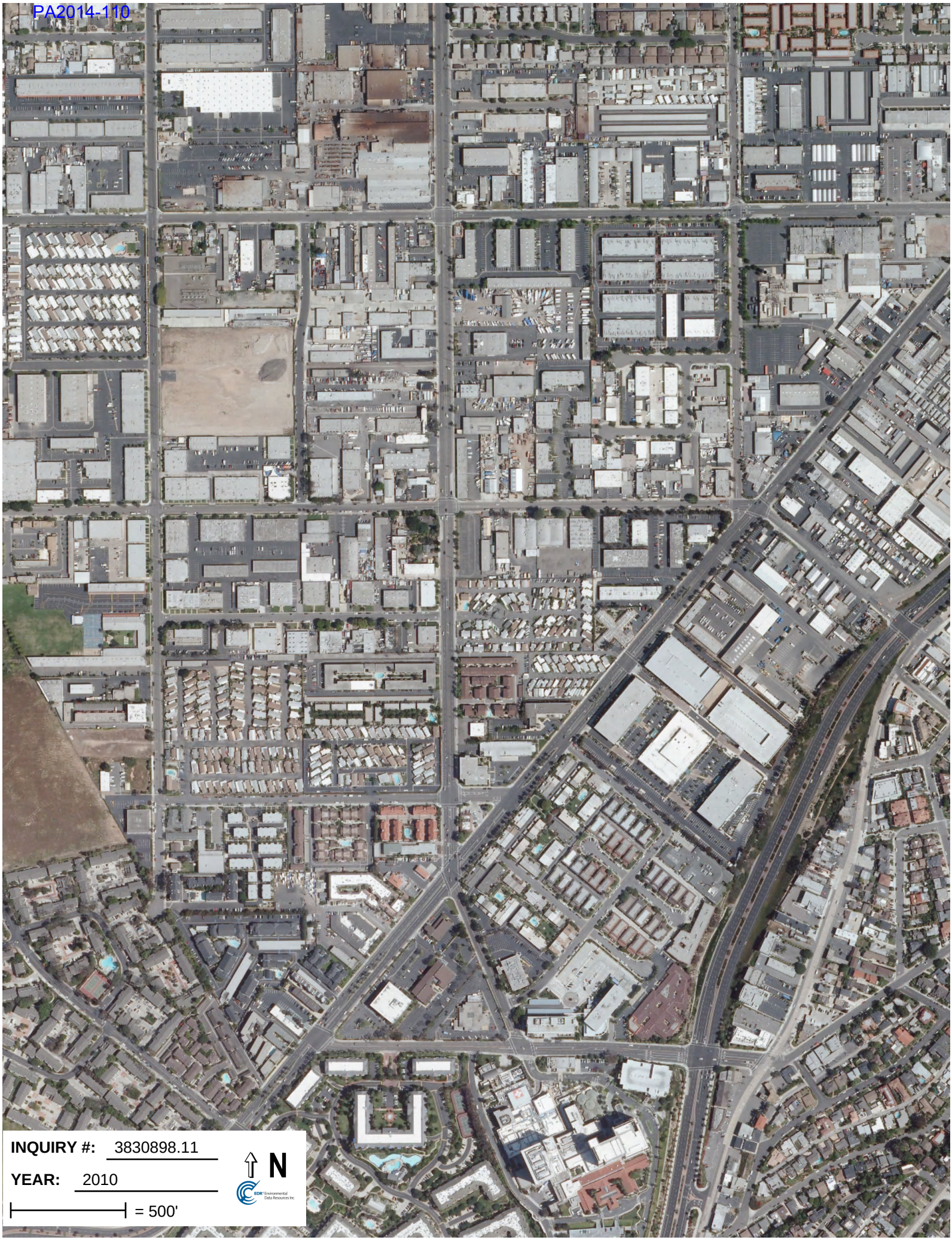
INQUIRY #: 3830898.11

YEAR: 2009

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N

PA2014-110



INQUIRY #: 3830898.11

YEAR: 2010

= 500'

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PA2014-110



INQUIRY #: 3830898.11

YEAR: 2012

= 500'

N

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PA2014-110

EBB TIDE MOBILE HOME PARK
1560-1570 PLACENTIA AVENUE
Costa Mesa, CA 92627

Inquiry Number: 3830898.5
January 16, 2014

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TABLE OF CONTENTS

SECTION

Executive Summary

Findings

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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 660 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	-	X	X	-
	Cole Information Services	X	X	X	-
2008	Cole Information Services	-	X	X	-
	Cole Information Services	X	X	X	-
2003	Cole Information Services	-	X	X	-
	Cole Information Services	X	X	X	-
2002	Haines Company	-	X	X	-
	Haines Company	X	X	X	-
2001	Pacific Telephone	-	-	-	-
1997	Pacific Bell	-	-	-	-
1995	Pacific Bell	-	X	X	-
	Pacific Bell	X	X	X	-
1992	Pacific Bell	-	-	-	-
1991	Pacific Bell	-	X	X	-
	Pacific Bell	X	X	X	-
1986	Pacific Bell	-	X	X	-
	Pacific Bell	X	X	X	-
1980	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1975	Luskey Brothers & Co., Inc.	-	X	X	-
	Luskey Brothers & Co., Inc.	X	X	X	-
1971	Luskey Brothers Co., Inc.	-	-	-	-
1970	General Telephone Co., of California	-	X	X	-
	General Telephone Co., of California	X	X	X	-
1966	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1965	Luskey Brothers	-	X	X	-
	Ross Publications, Inc.,	-	X	X	-
1961	Luskey Brothers & Co.,	-	-	-	-
1960	Luskey Brothers & Co.,	-	-	-	-
1956	Luskey Brothers & Co., Inc.	-	-	-	-
1955	The Pacific Telephone and Telegraph Co.	-	X	X	-
	The Pacific Telephone and Telegraph Co.	X	X	X	-
1952	Luskeys Directory Service Co.	-	-	-	-
1950	The Pacific Telephone and Telegraph Co.	-	X	X	-
1946	Southern California Telephone Co.	-	X	X	-
1945	Western Directory Co.	-	X	X	-
1941	Southern California Telephone Co.	-	-	-	-
1936	Western Directory Co.	-	-	-	-
1930	Western Directory Co.	-	-	-	-
1926	Pacific Telephone	-	-	-	-
1925	Western Directory Co.	-	-	-	-
1922	Kaasen Directory Co.	-	-	-	-
1921	Western Directory Co.	-	-	-	-
1920	Santa Ana Directory Co.	-	-	-	-

EXECUTIVE SUMMARY

MAP INFORMATION

The Overview Map provides information on nearby property parcel boundaries. Properties on this map that were selected for research are listed below the map.



SELECTED ADDRESSES

The following addresses were selected by the client. Detailed findings are contained in the findings section. An "X" indicates where information was identified.

Address	*Type*	*Findings*
760 W 16TH ST # A	Map ID: 18	X
733 W 16TH ST	Map ID: 20	
777 W 16TH ST	Map ID: 3	X
1555 SUPERIOR AVE	Map ID: 6	X
775 west 16th street	Client Entered	X
1544 Placentia Ave	Client Entered	X
1535 Superior Ave	Client Entered	X

EXECUTIVE SUMMARY

Address	***Type***	***Findings***
1573 Placentia Ave	Client Entered	
1559 Placentia Ave	Client Entered	X

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

1560-1570 PLACENTIA AVENUE
Costa Mesa, CA 92627

FINDINGS DETAIL

Target Property research detail.

PLACENTIA AVE

1560 PLACENTIA AVE

Year	*Uses*	*Source*
2013	EBB TIDE MOBILE HOME PARK	Cole Information Services
2008	EBB TIDE MOBILE HOME PARK	Cole Information Services
2003	EBB TIDE MOBILE HOME PARK	Cole Information Services
	FUEL OIL POLISHING CO	Cole Information Services
2002	AGULARBrenda	Haines Company
	EBB TIDE MBL 4 HMPK AGULARBrenda	Haines Company
1995	Anderson Erva L	Pacific Bell
	Beat Jeffrey V	Pacific Bell
	Bucio Lezama Jorge	Pacific Bell
	Byram Jean	Pacific Bell
	Cannellini Paul J	Pacific Bell
	Dixon Mike	Pacific Bell
	Ebb Tide Mobile Home Park	Pacific Bell
	Enriquez Joseph B	Pacific Bell
	French Dwight & Ann	Pacific Bell
	Green Ronald R	Pacific Bell
	Hanson Greg & Russell	Pacific Bell
	Hauser R	Pacific Bell
	Hoot V	Pacific Bell
	Killian Steve	Pacific Bell
	Kueneman Clifford P	Pacific Bell
	Mc Clellan K	Pacific Bell
	Mc Dermott Robt P	Pacific Bell
	Orozco Martin	Pacific Bell
	Redman Paul M	Pacific Bell
	Richards Lo ISLAND M	Pacific Bell

FINDINGS

Year	Uses	Source
1995	Schuda Dani P	Pacific Bell
	Stoll C	Pacific Bell
	Sturniolo Christopher W	Pacific Bell
1991	Anderson Erva L	Pacific Bell
	Baxter Don	Pacific Bell
	Beat Jeffrey V	Pacific Bell
	Byram Jean	Pacific Bell
	Dixon Mike	Pacific Bell
	Ebb Tide Mobile Home Park	Pacific Bell
	Enriquez Joseph B	Pacific Bell
	Fabian R J	Pacific Bell
	Findlay Ian	Pacific Bell
	Green Ronald R	Pacific Bell
	Hanson Greg & Russell	Pacific Bell
	Hutter Allen J Jerry	Pacific Bell
	Kilgore Kenneth & Machete	Pacific Bell
	Kim D	Pacific Bell
	Kueneman Clifford P	Pacific Bell
	Leyns Wm A	Pacific Bell
	Lord Eric Meredith	Pacific Bell
	Ludbbett VA	Pacific Bell
	Lynch G H	Pacific Bell
	Mc Gavran Betty	Pacific Bell
	Piper Vera	Pacific Bell
	Rathbun Howard	Pacific Bell
	Rathbun Howard Equipment	Pacific Bell
	Rathbun Jason	Pacific Bell
	Rathbun Leslie	Pacific Bell
	Rathbun Lewanna & Chris	Pacific Bell
	Redman Paul	Pacific Bell
	Richards Lois M	Pacific Bell
	Sander D & L	Pacific Bell
	Sanders DM	Pacific Bell
	Saul M	Pacific Bell
	Scheub D	Pacific Bell
	Schuda Danl P	Pacific Bell
	Tirado Maria	Pacific Bell
	Tufenkt T	Pacific Bell

FINDINGS

Year	Uses	Source
1991	Wade William R	Pacific Bell
1986	Aguilar Louis	Pacific Bell
	Anderson Erva L	Pacific Bell
	Black M K	Pacific Bell
	Brown R	Pacific Bell
	Brown Tom ft Judy	Pacific Bell
	Byram Jean	Pacific Bell
	Cannellini Paul J	Pacific Bell
	Caplas Chas	Pacific Bell
	Cappeluti John F	Pacific Bell
	Colombo Harold F	Pacific Bell
	Cox Floyd C	Pacific Bell
	Custer Scott	Pacific Bell
	Dixon Mike	Pacific Bell
	Ebb Tide Mobile Home Park	Pacific Bell
	Fabian R J	Pacific Bell
	Fitzpatrick Mike	Pacific Bell
	Green Ronald R	Pacific Bell
	Hanson Russell	Pacific Bell
	Hostetter Dorothy H	Pacific Bell
	Hudas Chas W	Pacific Bell
	Jones LL	Pacific Bell
	Ker Jeffrey	Pacific Bell
	Kueneman Clifford P	Pacific Bell
	Lord Eric Meredith	Pacific Bell
	Luebbert VA	Pacific Bell
	Lynch G H	Pacific Bell
	Mc Dermott Robt P	Pacific Bell
	Mc Gavran Betty	Pacific Bell
	Misner Lee	Pacific Bell
	Olmstead Albert L	Pacific Bell
	Piper Earl	Pacific Bell
	Prince T J	Pacific Bell
	Raaff Rudolf	Pacific Bell
	Rathbun Howard	Pacific Bell
	Richards Lois M	Pacific Bell
	Rickles Jacque	Pacific Bell
	Saul M	Pacific Bell

FINDINGS

Year	Uses	Source
1986	Scheub D	Pacific Bell
	Schuda Dan I P	Pacific Bell
1980	Anderson Erva L	Pacific Telephone
	Anderson Ervin C	Pacific Telephone
	Antista Congetta	Pacific Telephone
	Bakeri Mulherin S	Pacific Telephone
	Bertram R	Pacific Telephone
	Best A M Mrs	Pacific Telephone
	Black M K	Pacific Telephone
	Brollier Don	Pacific Telephone
	Byram Jean	Pacific Telephone
	Dion M	Pacific Telephone
	Dixon Michael W	Pacific Telephone
	Ebb Tide Mobile Home Park	Pacific Telephone
	Fabian R J	Pacific Telephone
	Gade R F	Pacific Telephone
	Harrison E F	Pacific Telephone
	Hawk Mable Mrs	Pacific Telephone
	Hawkins Russell	Pacific Telephone
	Holmes Maxine	Pacific Telephone
	Hutter Allen J Jerry	Pacific Telephone
	i Prince T J	Pacific Telephone
	I Reeves D	Pacific Telephone
	Jackson Robt N	Pacific Telephone
	Kelleher Madeleine Ciancy	Pacific Telephone
	Kenney F Sr	Pacific Telephone
	Leyns Wm A	Pacific Telephone
	Ifenk L T	Pacific Telephone
	Lord Eric Meredith	Pacific Telephone
	Luebbert V A	Pacific Telephone
	Lynch G H	Pacific Telephone
	Misner Lee	Pacific Telephone
	Mulherin Dan I N	Pacific Telephone
	N ewkirk Alta	Pacific Telephone
	Nostetter Dorothy H	Pacific Telephone
	Richards Lois M	Pacific Telephone
	Richards Lorrie	Pacific Telephone
	Rickles Jacque	Pacific Telephone

FINDINGS

Year	Uses	Source
1980	S Mc Gavran Elvin R	Pacific Telephone
	Saul M	Pacific Telephone
	Schuda Dan I P	Pacific Telephone
	Stephens P L	Pacific Telephone
	Thornton	Pacific Telephone
	Tracy Don	Pacific Telephone
	V Hoot	Pacific Telephone
1975	Anderson Erva L	Luskey Brothers & Co., Inc.
	Baker Carl A	Luskey Brothers & Co., Inc.
	Biernacki Ida	Luskey Brothers & Co., Inc.
	Black M K	Luskey Brothers & Co., Inc.
	Boelts Henry G	Luskey Brothers & Co., Inc.
	Bonnar Susan	Luskey Brothers & Co., Inc.
	Brandenburg Lillian T	Luskey Brothers & Co., Inc.
	Bronsdon Aurin H	Luskey Brothers & Co., Inc.
	Budd Richard A	Luskey Brothers & Co., Inc.
	Burbo P	Luskey Brothers & Co., Inc.
	Byram Jean I L	Luskey Brothers & Co., Inc.
	Crowell Louise	Luskey Brothers & Co., Inc.
	Dartt P M	Luskey Brothers & Co., Inc.
	Dion M	Luskey Brothers & Co., Inc.
	Dorr Maude B	Luskey Brothers & Co., Inc.
	Ebb Tide Mobile Home Park	Luskey Brothers & Co., Inc.
	Felker E M	Luskey Brothers & Co., Inc.
	Fox Donald M	Luskey Brothers & Co., Inc.
	Hahn Dowrene	Luskey Brothers & Co., Inc.
	Harman L B	Luskey Brothers & Co., Inc.
	Hawk Mable Mrs	Luskey Brothers & Co., Inc.
	Hofstra Ethel	Luskey Brothers & Co., Inc.
	Holmes Maxine	Luskey Brothers & Co., Inc.
	Hostetter Dorothy H	Luskey Brothers & Co., Inc.
	Hutter Allen J Jerry	Luskey Brothers & Co., Inc.
	Jennings L D	Luskey Brothers & Co., Inc.
	Kelleher Madeleine Clancy	Luskey Brothers & Co., Inc.
	Keller Viola V	Luskey Brothers & Co., Inc.
	Kenney J F Sr	Luskey Brothers & Co., Inc.
	Kessler Ronald	Luskey Brothers & Co., Inc.
	Lester Marguerite Mrs	Luskey Brothers & Co., Inc.

FINDINGS

Year	Uses	Source
1975	List Robt	Luskey Brothers & Co., Inc.
	Lopez Fernando	Luskey Brothers & Co., Inc.
	Lord Eric Meredith	Luskey Brothers & Co., Inc.
	Lynch Don	Luskey Brothers & Co., Inc.
	Lynch Geneva H	Luskey Brothers & Co., Inc.
	Marvin Jas H	Luskey Brothers & Co., Inc.
	McGavran Elvin R	Luskey Brothers & Co., Inc.
	Mishler Geo E	Luskey Brothers & Co., Inc.
	Newkirk Alta	Luskey Brothers & Co., Inc.
	Newkirk Jas A	Luskey Brothers & Co., Inc.
	Nicol A	Luskey Brothers & Co., Inc.
	Ogborn G	Luskey Brothers & Co., Inc.
	Patrick S H	Luskey Brothers & Co., Inc.
	Poe Pearle M	Luskey Brothers & Co., Inc.
	Rabnett J	Luskey Brothers & Co., Inc.
	Rathbun Howard	Luskey Brothers & Co., Inc.
	Reeves D	Luskey Brothers & Co., Inc.
	Reynolds V A	Luskey Brothers & Co., Inc.
	Richards Lois M	Luskey Brothers & Co., Inc.
	Rickles Jacque	Luskey Brothers & Co., Inc.
	Ronnfeldt Stuart	Luskey Brothers & Co., Inc.
	Sanetz V C	Luskey Brothers & Co., Inc.
	Schroepfer Stanley H	Luskey Brothers & Co., Inc.
	Shannon Martha C	Luskey Brothers & Co., Inc.
	Shaw Emelene R	Luskey Brothers & Co., Inc.
	Sherman Martha G	Luskey Brothers & Co., Inc.
	Smith Mary C	Luskey Brothers & Co., Inc.
	Woodcock Harry	Luskey Brothers & Co., Inc.
1970	Abbott Ray W	General Telephone Co., of California
	Aderhold Jas M	General Telephone Co., of California
	Anderson Erva L	General Telephone Co., of California
	Black Marcella K Mrs	General Telephone Co., of California
	Bronsdon Aurin H	General Telephone Co., of California
	Cady C F	General Telephone Co., of California
	Dion Marjorle	General Telephone Co., of California
	Dixont Eudoria A	General Telephone Co., of California
	Dorr Maude B	General Telephone Co., of California
	Ebb Tide Mobile Home Park	General Telephone Co., of California

FINDINGS

Year	Uses	Source
1970	Harman L B	General Telephone Co., of California
	Hawk Lewis E	General Telephone Co., of California
	Holmes Maxine	General Telephone Co., of California
	Hutter Allen J Jerry	General Telephone Co., of California
	Jennings LD	General Telephone Co., of California
	Kelleher M Clancy	General Telephone Co., of California
	Korz Albertus	General Telephone Co., of California
	Lester Marguerite Mrs	General Telephone Co., of California
	Lewis Mary Lucile	General Telephone Co., of California
	List Robt	General Telephone Co., of California
	Lord Eric Meredith	General Telephone Co., of California
	Lynch Don	General Telephone Co., of California
	Mc Cormick T C	General Telephone Co., of California
	Mc Millan Doris	General Telephone Co., of California
	Mc Millan Leon R	General Telephone Co., of California
	Mcaan Elvin R	General Telephone Co., of California
	Mishler Geo E	General Telephone Co., of California
	Moary Nell B	General Telephone Co., of California
	Newiork Jas A	General Telephone Co., of California
	P Hawk Mable Mrs	General Telephone Co., of California
	Pabnett J	General Telephone Co., of California
	Prickett Gladys L	General Telephone Co., of California
	Rable N	General Telephone Co., of California
	Reynolds V A	General Telephone Co., of California
	Richards Thos L	General Telephone Co., of California
	Rickles Jacque	General Telephone Co., of California
	Rouse B J	General Telephone Co., of California
	Shanks D W	General Telephone Co., of California
	Woodcock Harry	General Telephone Co., of California
1966	Anderson Erva L	Pacific Telephone
	Baker Carl A	Pacific Telephone
	Belknap Jim	Pacific Telephone
	Chance Chas W	Pacific Telephone
	Cittell Bill	Pacific Telephone
	Collier Evangeline L	Pacific Telephone
	Dartt P M	Pacific Telephone
	Davies Wm J	Pacific Telephone
	Dye Wayne K	Pacific Telephone

FINDINGS

Year	Uses	Source
1966	EBB TIDE MOBILE HOME PARK	Pacific Telephone
	Fritz Edw H	Pacific Telephone
	Fritz Margaret	Pacific Telephone
	Gerard C Paul	Pacific Telephone
	Graham E J	Pacific Telephone
	Graham Ruby W	Pacific Telephone
	Harman L B	Pacific Telephone
	Hawk Mable Mrs	Pacific Telephone
	Himmelheber Marion J	Pacific Telephone
	James Leonard	Pacific Telephone
	Jennings L D	Pacific Telephone
	Johnston John M	Pacific Telephone
	Jones Ruth R	Pacific Telephone
	Korz Albertus	Pacific Telephone
	Lamkin C P	Pacific Telephone
	Lang Lverne B	Pacific Telephone
	Lester Pat	Pacific Telephone
	List Robt	Pacific Telephone
	Lord Eric Meredith	Pacific Telephone
	Lynch Geneva H	Pacific Telephone
	Mc Cabe Ralph	Pacific Telephone
	MCGavran E R	Pacific Telephone
	Millard Mary J	Pacific Telephone
	Mishler Geo E	Pacific Telephone
	Newkirk Alta	Pacific Telephone
	Newkirk Jas A	Pacific Telephone
	Parks Buddie E Sr	Pacific Telephone
	Patterson Tom W	Pacific Telephone
	Peters Peter	Pacific Telephone
	Prickett Gladys L	Pacific Telephone
	Queen Birdie	Pacific Telephone
	Rabnett J	Pacific Telephone
	Ralphs Irene Mrs	Pacific Telephone
	Reel Georgia A	Pacific Telephone
	Reynolds Virginia A	Pacific Telephone
	Rickles C H	Pacific Telephone
	Rickles Jacque	Pacific Telephone
	Roberts Ken	Pacific Telephone

FINDINGS

Year	Uses	Source
1966	Robinson Joe	Pacific Telephone
	Rouse B J	Pacific Telephone
	Scott Jack W	Pacific Telephone
	Sorensen Walter Mrs	Pacific Telephone
	Stearns Geo W	Pacific Telephone
	Woodcock Harry	Pacific Telephone
1955	EBB TIDE TRAILER PARK	The Pacific Telephone and Telegraph Co.
	Rodaway Edgar P	The Pacific Telephone and Telegraph Co.
	Thomson Robt H	The Pacific Telephone and Telegraph Co.

1568 PLACENTIA AVE

Year	Uses	Source
1995	Marchand Caroline	Pacific Bell
1991	Hauser R	Pacific Bell
	Hoot V	Pacific Bell
	Hooten AM	Pacific Bell

PLACENTIA AVE NE

1560 PLACENTIA AVE NE

Year	Uses	Source
1986	Smith Rene	Pacific Bell

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

16TH

777 16TH

Year	Uses	Source
1995	West Coast Yellow Cab	Pacific Bell

782 16TH

Year	Uses	Source
1980	Carlson Bill	Pacific Telephone

817 16TH

Year	Uses	Source
1995	DENNISON ELECTRIC INC	Pacific Bell
	Mithoff Richard Builders	Pacific Bell
1991	Landavazo Gary	Pacific Bell
	Landavazo Construction	Pacific Bell
1980	I Walker Jay C	Pacific Telephone

819 16TH

Year	Uses	Source
1991	Burke Steven & Associates	Pacific Bell

821 16TH

Year	Uses	Source
1991	Collins Roy Inc genl conir	Pacific Bell
1980	agnetic Advertising	Pacific Telephone

825 16TH

Year	Uses	Source
1980	Armstrong Re gie Sailmaker	Pacific Telephone

16TH ST

801 16TH ST

Year	Uses	Source
1970	Cummings Glen	General Telephone Co., of California

FINDINGS

817 16TH ST

Year	Uses	Source
1991	Dennison Electric	Pacific Bell
	Jackson Charles	Pacific Bell
	Mithoff Richard Builders	Pacific Bell
1986	Builders Closet Specialists	Pacific Bell
	Berg Richard	Pacific Bell
	Conant Roger Construction	Pacific Bell
	Dennison Electric	Pacific Bell

819 16TH ST

Year	Uses	Source
1991	Stine Donald & Associates archts	Pacific Bell
1975	Mission Systems	Luskey Brothers & Co., Inc.

821 16TH ST

Year	Uses	Source
1986	Collins Roy Inc genl contr	Pacific Bell

823 16TH ST

Year	Uses	Source
1991	Esquire Lien Service Inc	Pacific Bell
1975	Ellison Ralph	Luskey Brothers & Co., Inc.
	Wheeler R E	Luskey Brothers & Co., Inc.

825 16TH ST

Year	Uses	Source
1995	Auto Cosmetic Auto Body & Repair	Pacific Bell
1991	Auto Cosmetic	Pacific Bell
	Auto Cosmetic	Pacific Bell
1975	Armstrong Reggie Sailmaker	Luskey Brothers & Co., Inc.

6TH ST W

817 6TH ST W

Year	Uses	Source
1945	Saml Orona	Western Directory Co.

FINDINGS

E 16TH ST

801 E 16TH ST

Year	Uses	Source
1980	The Walking MIan	Pacific Telephone
	The Wallpaper Works	Pacific Telephone

802 E 16TH ST

Year	Uses	Source
1965	Smith Robt E	Luskey Brothers

806 E 16TH ST

Year	Uses	Source
1965	Benton D	Luskey Brothers

807 E 16TH ST

Year	Uses	Source
1965	Modern Construction Co	Luskey Brothers

810 E 16TH ST

Year	Uses	Source
1965	Duran JJ	Luskey Brothers

814 E 16TH ST

Year	Uses	Source
1965	Ellis Roy A	Luskey Brothers

819 E 16TH ST

Year	Uses	Source
1986	Sthne Donald & Associates archts	Pacific Bell

822 E 16TH ST

Year	Uses	Source
1965	Monaco VF	Luskey Brothers

824 E 16TH ST

Year	Uses	Source
1965	Frederick Alice	Luskey Brothers

826 E 16TH ST

Year	Uses	Source
1965	Martinez Alex	Luskey Brothers

FINDINGS

PLACANTLIA AVE

1525 PLACANTLIA AVE

Year	Uses	Source
1995	Gubler Ingrid & David	Pacific Bell

PLACENTIA AVE

1525 PLACENTIA AVE

Year	Uses	Source
2013	SANDPOINTE COVE	Cole Information Services
2008	SANDPOINTE COVE APARTMENTS	Cole Information Services
2003	SANDPOINTE COVE	Cole Information Services
	SWEET KNEADS	Cole Information Services
1995	Kunde Andrew A	Pacific Bell
	Baudry Jerome	Pacific Bell
	Ginn Christine M	Pacific Bell
	Guadagno J	Pacific Bell
	Johnson MP	Pacific Bell
	Lessa Gustavo	Pacific Bell
	Maestas Joe	Pacific Bell
	Mc Daniel Steve	Pacific Bell
	Mortenson Dan	Pacific Bell
	Sandpointe Cove	Pacific Bell
	Souza Donald J	Pacific Bell
	Trotter John HJr	Pacific Bell
1991	Baggett Paul & John	Pacific Bell
	Baggett T	Pacific Bell
	Binder Connie	Pacific Bell
	Cunningham D A	Pacific Bell
	Erwin John R	Pacific Bell
	Gartland K	Pacific Bell
	Ginther Michael E III	Pacific Bell
	Ginther Norman	Pacific Bell
	Ginther Norman L L	Pacific Bell
	Greer Jaime M	Pacific Bell
	Guadagno J	Pacific Bell
	Hollowaty L F	Pacific Bell
	Nachazel James & Amy	Pacific Bell
	Parker Don	Pacific Bell

FINDINGS

Year	Uses	Source
1991	Price Charles A	Pacific Bell
	Siegel Jeff	Pacific Bell
	York Daniel	Pacific Bell
	Sea Cliff Manor	Pacific Bell
	Velasco Michael	Pacific Bell
	Velasco	Pacific Bell
1986	Greer Jaime & Sunni	Pacific Bell
	GInther Michael E @Huntington Beach@	Pacific Bell
	Shah Navin J	Pacific Bell
	Sharon Clark	Pacific Bell
	Souza Donald J	Pacific Bell
	Sulskl P A	Pacific Bell
	Blalack S J	Pacific Bell
	Coenen Geo	Pacific Bell
	Coley Anne E	Pacific Bell
	Cossettini Michael	Pacific Bell
	Cunningham D A	Pacific Bell
	de Ferrante Christina	Pacific Bell
	de Lorm Eric	Pacific Bell
	Donate Ron	Pacific Bell
	Entesari Abdolbagh	Pacific Bell
	Gilbert Cary	Pacific Bell
	Grawunder Gretchen	Pacific Bell
	Gnndrod S R	Pacific Bell
	Guadagno J	Pacific Bell
	Haynes Peter	Pacific Bell
	Holowaty L F	Pacific Bell
	Kelleher Michael	Pacific Bell
	Kole Ronald H	Pacific Bell
	Leduc Dan I C	Pacific Bell
	Lightbody Stephan	Pacific Bell
	Linde C	Pacific Bell
	Mc Garthy Judith	Pacific Bell
	Meehan Maureen	Pacific Bell
	Morrow Sue	Pacific Bell
	Nelson Shen	Pacific Bell
	Parker Don	Pacific Bell
	Pells M	Pacific Bell

FINDINGS

Year	Uses	Source
1986	Rogas Jeffrey	Pacific Bell
	Royce John	Pacific Bell
	Saxon D	Pacific Bell
	Seadiff Manor	Pacific Bell
1980	Reynosarlik e	Pacific Telephone
	Welburn M M	Pacific Telephone
	Wescott Betty	Pacific Telephone
	Whitehead Mark	Pacific Telephone
	Whitehead Michael C	Pacific Telephone
	Whitehead Royal B	Pacific Telephone
	Zeek L E	Pacific Telephone
	Ashton D & J	Pacific Telephone
	Baker Dan & Cindy	Pacific Telephone
	Blalack S J	Pacific Telephone
	Boyle C H	Pacific Telephone
	Brockway Morgan	Pacific Telephone
	Cagle L D	Pacific Telephone
	Cinnamon Gary & Gayle	Pacific Telephone
	ruz Arthur E	Pacific Telephone
	Cunningham D A	Pacific Telephone
	Drysdale G	Pacific Telephone
	Ervin Lusha	Pacific Telephone
	I Ginther Mrichael E III	Pacific Telephone
	Grawunder Gretchen R	Pacific Telephone
	Gnndrod S R	Pacific Telephone
	Guadagno J	Pacific Telephone
	Guadagno John LJr	Pacific Telephone
	artin L	Pacific Telephone
	Mc Bride P L	Pacific Telephone
	Mc Knight Ted	Pacific Telephone
	Otsea D J	Pacific Telephone
	Parker Don	Pacific Telephone
	Pols M	Pacific Telephone
	Pinzino S	Pacific Telephone
	Reeves P	Pacific Telephone
	Robellaz Michael M	Pacific Telephone
	Saxon D	Pacific Telephone
	Sharon Ciark	Pacific Telephone

FINDINGS

Year	Uses	Source
1980	Smith N M	Pacific Telephone
	Souza Donald J	Pacific Telephone
	Weiss A	Pacific Telephone
	i Welburn J D	Pacific Telephone
1975	Miller Rene	Luskey Brothers & Co., Inc.
	Moore D	Luskey Brothers & Co., Inc.
	Nelson Andrew N	Luskey Brothers & Co., Inc.
	Nelson Philip W	Luskey Brothers & Co., Inc.
	Reeves Darwin	Luskey Brothers & Co., Inc.
	Richardson V	Luskey Brothers & Co., Inc.
	Roth Debra	Luskey Brothers & Co., Inc.
	Seacliff Manor	Luskey Brothers & Co., Inc.
	SEACLIFF MOTOR HOTEL	Luskey Brothers & Co., Inc.
	Siniard Donna	Luskey Brothers & Co., Inc.
	Smith D A	Luskey Brothers & Co., Inc.
	Souza Donald J	Luskey Brothers & Co., Inc.
	Spiegel E	Luskey Brothers & Co., Inc.
	Tobin Edw	Luskey Brothers & Co., Inc.
	Whitehead Royal B	Luskey Brothers & Co., Inc.
	Young Margaret	Luskey Brothers & Co., Inc.
	Baker Jas L	Luskey Brothers & Co., Inc.
	Barratt Robt	Luskey Brothers & Co., Inc.
	Blalack S J	Luskey Brothers & Co., Inc.
	Boster Linda	Luskey Brothers & Co., Inc.
	Cook Nancy	Luskey Brothers & Co., Inc.
	Cook Steve C	Luskey Brothers & Co., Inc.
	Davis Jeffrey L	Luskey Brothers & Co., Inc.
	Ertman Robt A	Luskey Brothers & Co., Inc.
	Fentis S	Luskey Brothers & Co., Inc.
	Furlan Steve	Luskey Brothers & Co., Inc.
	Gardner Scott A	Luskey Brothers & Co., Inc.
	Grenell B	Luskey Brothers & Co., Inc.
	Harwood Wm R	Luskey Brothers & Co., Inc.
	Hasson Mary J	Luskey Brothers & Co., Inc.
	Lee L	Luskey Brothers & Co., Inc.
	Lewis Leon T	Luskey Brothers & Co., Inc.
	Lewison Terry A	Luskey Brothers & Co., Inc.
	Lopez B	Luskey Brothers & Co., Inc.

FINDINGS

Year	Uses	Source
1975	McBride P L	Luskey Brothers & Co., Inc.
	McKay Jack	Luskey Brothers & Co., Inc.
	McKay Kevin J	Luskey Brothers & Co., Inc.
1970	Hernandez J A	General Telephone Co., of California
	Hryciuk Sandra	General Telephone Co., of California
	Jackson Cheryl	General Telephone Co., of California
	Jehangiri Cynthia	General Telephone Co., of California
	Kaserman Ramelle	General Telephone Co., of California
	Lambert Clonnie V	General Telephone Co., of California
	Leslie Geo NM	General Telephone Co., of California
	Linck Greg	General Telephone Co., of California
	Lindskog Esther L	General Telephone Co., of California
	May John I	General Telephone Co., of California
	Morrow Esther	General Telephone Co., of California
	Olea Robt R	General Telephone Co., of California
	Perriguey V A	General Telephone Co., of California
	Porter Sheron	General Telephone Co., of California
	Reese John L	General Telephone Co., of California
	Adams Victor Y	General Telephone Co., of California
	Ameri FIM	General Telephone Co., of California
	Auten Yvonne	General Telephone Co., of California
	Blackwell C L	General Telephone Co., of California
	Blackwell N C	General Telephone Co., of California
	Brimer Bob	General Telephone Co., of California
	Carrier John A	General Telephone Co., of California
	Chavez Hope	General Telephone Co., of California
	Chavez Katie	General Telephone Co., of California
	Clark John Ralph	General Telephone Co., of California
	De Lano Doris Mrs	General Telephone Co., of California
	Dickerson Larry B	General Telephone Co., of California
	Dunn B L	General Telephone Co., of California
	Gardner BJ	General Telephone Co., of California
	Gardner Camille	General Telephone Co., of California
	Goodman Craig	General Telephone Co., of California
	Haener CGhas Jr	General Telephone Co., of California
	Richardson John F	General Telephone Co., of California
	Robinson Allan W	General Telephone Co., of California
	Saez Z L	General Telephone Co., of California

FINDINGS

Year	Uses	Source
1970	Savoie Wm R	General Telephone Co., of California
	Schussman Lee C	General Telephone Co., of California
	Seacliff Manor	General Telephone Co., of California
	Souza Donald J	General Telephone Co., of California
	Souza Wannie J Mrs	General Telephone Co., of California
	Stein Sue	General Telephone Co., of California
	Stinte Ronald C	General Telephone Co., of California
	Tyler Debhie	General Telephone Co., of California
	Vander Pol Mark	General Telephone Co., of California
	Van Zandt Roger	General Telephone Co., of California
	Woelfel Bob	General Telephone Co., of California
	Youde Ethel E	General Telephone Co., of California
1966	Bennett Georgia	Pacific Telephone
	Blume Pamela	Pacific Telephone
	Borts Paul D	Pacific Telephone
	Bright Paul	Pacific Telephone
	Camilli Jas D	Pacific Telephone
	Chavez Hope	Pacific Telephone
	Chavez Katie	Pacific Telephone
	Croft Elsie	Pacific Telephone
	Dacker Bob	Pacific Telephone
	Davis Jerry	Pacific Telephone
	Dilger Rita	Pacific Telephone
	Ebersole Dale	Pacific Telephone
	Frederick Kenneth	Pacific Telephone
	Frick Loreta Lora	Pacific Telephone
	Greeley Diane	Pacific Telephone
	Ingersoll Janell	Pacific Telephone
	Ingersoll Wm R	Pacific Telephone
	Jurjaks Andy	Pacific Telephone
	Lindsay Saml G	Pacific Telephone
	Mc Laughlin Jeanne	Pacific Telephone
	Miller Jack	Pacific Telephone
	Moyer Chas A	Pacific Telephone
	Myrick Gary	Pacific Telephone
	Neubert Jack R	Pacific Telephone
	Olhoffer Lee	Pacific Telephone
	Owens Carolyn A	Pacific Telephone

FINDINGS

Year	Uses	Source
1966	Parks Jerry W	Pacific Telephone
	Raines C Richard	Pacific Telephone
	Seacliff Manor	Pacific Telephone
	Sowles Susan	Pacific Telephone
	Streiff Stanley E	Pacific Telephone
	Trechak Ed	Pacific Telephone
	Walraven Suzanne	Pacific Telephone
	Weeks Anita	Pacific Telephone
	Whitmore Larry	Pacific Telephone
	Whitmore Suzanne	Pacific Telephone
	Wright Allen L	Pacific Telephone
1955	Nicholson Homer L	The Pacific Telephone and Telegraph Co.
1950	Nicholson Homer L r	The Pacific Telephone and Telegraph Co.

1526 PLACENTIA AVE

Year	Uses	Source
2013	KING MARKET	Cole Information Services
2008	KING MARKET	Cole Information Services
2003	KING LIQUOR	Cole Information Services
1995	King Liquor	Pacific Bell
1986	Minute King	Pacific Bell
1980	Alphonsos	Pacific Telephone
1975	Newport Beach	Luskey Brothers & Co., Inc.
	Alphonsos	Luskey Brothers & Co., Inc.
1970	TIC TOC MARKETS INC	General Telephone Co., of California
	Newport Beach	General Telephone Co., of California

1528 PLACENTIA AVE

Year	Uses	Source
2002	M 3 MANSFIELD Ann W	Haines Company
	H 3 MCCULLOUGH Mily D	Haines Company
	K 4 MILLER Robyn	Haines Company
	K 4 MILLER Robyn	Haines Company
	P 2 MORGANR	Haines Company
	PADILLALlsa M	Haines Company
	SANDPOINTECOVE B 4 GAGOSTINShbeni L	Haines Company
	XXXX	Haines Company

FINDINGS

Year	Uses	Source
2002	J 2 LEIOKiel	Haines Company
	F 4 KNOPPEKnslr	Haines Company
	K 1 GUADAGNOJ	Haines Company
	FANGP YR	Haines Company
	E 2 RUIZVala Dan Ielle	Haines Company

1530 PLACENTIA AVE

Year	Uses	Source
2008	NEWPORT HARBOR APARTMENTS	Cole Information Services
2002	WROBLEWSKIAnlonr J	Haines Company
	PUTMANJohn	Haines Company
	NEWPORTHARBOR	Haines Company
	MATSUICl	Haines Company
1995	Vaughn Barbra Joy	Pacific Bell
1991	Amburgey Cabinets	Pacific Bell
	Milne Bruce	Pacific Bell
	Other Guys The	Pacific Bell
	Other Guys Welding Service	Pacific Bell
1986	Customs By Chapala Marine	Pacific Bell
	Other Guys The	Pacific Bell
1980	Other Guys The	Pacific Telephone
	Other Side Of Silence Musical Entertainment B @Buena Park@	Pacific Telephone
	The Other Guys Crane Service	Pacific Telephone
	Customs By Chapala Marine	Pacific Telephone
1975	Riley & Milne Crane Service	Luskey Brothers & Co., Inc.
1970	N i Fiberglas	General Telephone Co., of California
	SNIDER FRANCIS marine spcist	General Telephone Co., of California
1966	Newport Beach	Pacific Telephone
	TIC TOC MARKETS INC Corporate Ofc Easy Wy & Katella Anh Construction Easy Way & Katella Anh Real Estate Easy Way & Katella Anh Stores	Pacific Telephone
	SNIDER FRANCIS marine spclst	Pacific Telephone
1955	Castelan Norman H Lido Plumbing	The Pacific Telephone and Telegraph Co.
	Lido Plumbing	The Pacific Telephone and Telegraph Co.

FINDINGS

1532 PLACENTIA AVE

Year	Uses	Source
2002	XXXX	Haines Company
1986	Electric Ray	Pacific Bell
1980	Electric Ray	Pacific Telephone

1538 PLACENTIA AVE

Year	Uses	Source
2002	APARTMENTS D 101 BERUBEKelly L	Haines Company
	BETANCOURTCesar	Haines Company
	E 102 BILLINOSLEY Daniel R	Haines Company
	A 101 BUROSean M	Haines Company
	LONDON Erc T	Haines Company
	CUILICOJoe	Haines Company
	RU 6 Z Robert M	Haines Company
	TOPALOVICM	Haines Company
	VILLARAGAGerman A	Haines Company
	A 202 YOSHINAGAFellpe T	Haines Company
1995	Young JD	Pacific Bell
	Carroll Steven	Pacific Bell
	Newport Harbor Apartments	Pacific Bell
	White Charles E	Pacific Bell
1991	Sutdliffe Wendy	Pacific Bell
	Barela Cynthia	Pacific Bell
	Carroll Steven	Pacific Bell
	Givone Shanen	Pacific Bell
1986	IN DE S PIPE & S UPPLY CO	Pacific Bell
1980	From Santa Ana Telephones Call	Pacific Telephone
1975	Indes Pipe & Supply Co	Luskey Brothers & Co., Inc.
1966	Indes Pipe & Supply Co	Pacific Telephone
1955	N Vee Co	The Pacific Telephone and Telegraph Co.

1544 PLACENTIA AVE

Year	Uses	Source
2008	MOBILE HARBOR SERVICES	Cole Information Services
2003	MOBILE HARBOR SERVICES	Cole Information Services

FINDINGS

Placentia Ave

1544 Placentia Ave

Client Entered

Year	Uses	Source
2002	STEWART Michelle E	Haines Company
	APARTMENTS CLEMONSJac lie J	Haines Company
	COLINSDavid L	Haines Company
	HUCKABY Deborah V	Haines Company
	LOONEYLawno	Haines Company
	MANSHOURIHomayoun	Haines Company
	NEARY Helen	Haines Company
1995	Kenner B	Pacific Bell
1991	Kiskila L J	Pacific Bell
	Zanjani Marsha	Pacific Bell
1980	Milette Normand M	Pacific Telephone
	Grant A	Pacific Telephone
1975	Gerrett Ben	Luskey Brothers & Co., Inc.
	Atlantic Pacific Maritime Co	Luskey Brothers & Co., Inc.
1966	Avila Sal	Pacific Telephone

PLACENTIA AVE

1549 PLACENTIA AVE

Year	Uses	Source
2013	NEWPORT VILLA APARTMENTS	Cole Information Services
2008	NEWPORT VILLA APARTMENTS	Cole Information Services
	CTB RECOVERY COUNSELING SERVICE	Cole Information Services
2003	LABELED INSANE	Cole Information Services
	RESULTS INTERNATIONAL	Cole Information Services
	COLUMBIA PAPER CORP	Cole Information Services
	WORLD WIDE GOLF EVENTS	Cole Information Services
	BUTTERFLY LOUNGE	Cole Information Services
2002	NEWPORT VILLA	Haines Company
1995	Anderson Alan	Pacific Bell
	Arteaga Connie	Pacific Bell
	Barth George	Pacific Bell
	Bissin Brooke A	Pacific Bell
	Januszewski Kurt	Pacific Bell
	Kassari R	Pacific Bell
	Mankel Kari A	Pacific Bell

FINDINGS

Year	Uses	Source
1995	Miller Jesse	Pacific Bell
	Peters Bernadette Mary	Pacific Bell
	Relsner Joan C	Pacific Bell
	Siegrist Gregory	Pacific Bell
	Bowen David t	Pacific Bell
	Newport Villa Apartments	Pacific Bell
	Nunez Rosa Maria	Pacific Bell
1991	Abrams Bruce & Abby	Pacific Bell
	Abrams C	Pacific Bell
	Abrams CP	Pacific Bell
	Barth George	Pacific Bell
	Sherwood D E	Pacific Bell
	Valsamedis A	Pacific Bell
	Zoeller Lorie A	Pacific Bell
	Frantzen Suzie	Pacific Bell
	Henshall S M	Pacific Bell
	Kogut S	Pacific Bell
	Mankel Karl A	Pacific Bell
	May Denny E	Pacific Bell
	Newport Villa Apartments	Pacific Bell
	Nodwell Brian	Pacific Bell
	Nunez Rosa Maria	Pacific Bell
	Ostby Jeff	Pacific Bell
	Schafer E	Pacific Bell
1986	Mc Millian Ken	Pacific Bell
	Anderson Walter D	Pacific Bell
	Berg Gregory N	Pacific Bell
	Callahan Mike	Pacific Bell
	Cart Shawn	Pacific Bell
	Currie David	Pacific Bell
	Gates Philip W MD	Pacific Bell
	Gooch E	Pacific Bell
	Hanson Richard L	Pacific Bell
	Hasall M G	Pacific Bell
	Hanshall Susan M	Pacific Bell
	Heuett Gary W	Pacific Bell
	Kogut S	Pacific Bell
	May Denny E	Pacific Bell

FINDINGS

Year	Uses	Source
1986	Pirolo Pat	Pacific Bell
	Rincon Paulina	Pacific Bell
	Sedacek D	Pacific Bell
	Shapiro Rick	Pacific Bell
	Slegaitis Jeff	Pacific Bell
	Snyder C	Pacific Bell
1980	Mc Cormack Robert	Pacific Telephone
	Stragler Dan	Pacific Telephone
	Abel S	Pacific Telephone
	Abel TD	Pacific Telephone
	Anderson Ron	Pacific Telephone
	Angeles Terry	Pacific Telephone
	Angeles Water Co	Pacific Telephone
	Artieres M	Pacific Telephone
	Ascencio Fausto	Pacific Telephone
	Coppock Myron	Pacific Telephone
	ncheider Keith	Pacific Telephone
	Stilwell D	Pacific Telephone
	Butlorl Thos E	Pacific Telephone
	Camire Dennis	Pacific Telephone
	Check Jim Curtis	Pacific Telephone
	Check Machines Al Sales & Service	Pacific Telephone
	Co Mas Brian	Pacific Telephone
	Crane Stephen M	Pacific Telephone
	Curtiss David L	Pacific Telephone
	Davis Arthur J	Pacific Telephone
	Davis RJ	Pacific Telephone
	Feiner Nancy	Pacific Telephone
	Fischer Jon	Pacific Telephone
	Green Daniel	Pacific Telephone
	Horsley Miriam A	Pacific Telephone
	Keen Vito M	Pacific Telephone
	Latta Paul W	Pacific Telephone
	Lawrence Bud	Pacific Telephone
	Lev ne R M	Pacific Telephone
	Mc Auliffe Timothy J	Pacific Telephone
	Me Millian Ken	Pacific Telephone
	Munyon M E	Pacific Telephone

FINDINGS

Year	Uses	Source
1980	Newport Villa Apartments	Pacific Telephone
	Newton Patricia	Pacific Telephone
	Pirolo Pat	Pacific Telephone
	Reese N	Pacific Telephone
	Rosen Douglas	Pacific Telephone
	Seacat Jerilyn S	Pacific Telephone
	Smith Locon R	Pacific Telephone
	Smith Lois	Pacific Telephone
	Smith Lois	Pacific Telephone
	Snyder C	Pacific Telephone
	Sorensen E V	Pacific Telephone
	West Tim	Pacific Telephone
1975	Alderman Rolet	Luskey Brothers & Co., Inc.
	Anderson C M	Luskey Brothers & Co., Inc.
	Best Steve	Luskey Brothers & Co., Inc.
	Brodie Andrea	Luskey Brothers & Co., Inc.
	Comeau H Christopher	Luskey Brothers & Co., Inc.
	Danell Charlotte	Luskey Brothers & Co., Inc.
	Falkenrath John A	Luskey Brothers & Co., Inc.
	Frazier Ginger	Luskey Brothers & Co., Inc.
	Fry Wm S	Luskey Brothers & Co., Inc.
	Gates Robt H	Luskey Brothers & Co., Inc.
	Gruhn June M	Luskey Brothers & Co., Inc.
	GRUHN LINCOLN J grille fabrcs	Luskey Brothers & Co., Inc.
	Res	Luskey Brothers & Co., Inc.
	Heppy John H	Luskey Brothers & Co., Inc.
	Holmes Larry D	Luskey Brothers & Co., Inc.
	Jacobson J A	Luskey Brothers & Co., Inc.
	Jehangiri Cynthia	Luskey Brothers & Co., Inc.
	Jehangiri Parviz A	Luskey Brothers & Co., Inc.
	Jordan Tom	Luskey Brothers & Co., Inc.
	Kenney Danl	Luskey Brothers & Co., Inc.
	Lowry Tim	Luskey Brothers & Co., Inc.
	Mackley P	Luskey Brothers & Co., Inc.
	Maher Jas	Luskey Brothers & Co., Inc.
	Martinez Kim	Luskey Brothers & Co., Inc.
	McCarthy E J	Luskey Brothers & Co., Inc.
	McRae M	Luskey Brothers & Co., Inc.

FINDINGS

Year	Uses	Source
1975	Mitchell Steven	Luskey Brothers & Co., Inc.
	Moore Cecil J	Luskey Brothers & Co., Inc.
	Nelson Stephanie	Luskey Brothers & Co., Inc.
	Pappas John G	Luskey Brothers & Co., Inc.
	Pedersen S M	Luskey Brothers & Co., Inc.
	Perell Jas	Luskey Brothers & Co., Inc.
	Peters Don P	Luskey Brothers & Co., Inc.
	Pion Ray	Luskey Brothers & Co., Inc.
	Quattrocchi Oscar	Luskey Brothers & Co., Inc.
	Reese Dave	Luskey Brothers & Co., Inc.
	Reinhart John	Luskey Brothers & Co., Inc.
	Russ Jane A	Luskey Brothers & Co., Inc.
	Salam I	Luskey Brothers & Co., Inc.
	San Marco Jas J	Luskey Brothers & Co., Inc.
	Schubert Mike	Luskey Brothers & Co., Inc.
	Shelton Thos	Luskey Brothers & Co., Inc.
	Smith Jan	Luskey Brothers & Co., Inc.
	Smith Rodger J	Luskey Brothers & Co., Inc.
	Stedman Katherine Mrs	Luskey Brothers & Co., Inc.
	Strasler David	Luskey Brothers & Co., Inc.
	Weiss Jas	Luskey Brothers & Co., Inc.
	Williamson G	Luskey Brothers & Co., Inc.
1970	Longtin Albert	General Telephone Co., of California
1966	Longtin Albert	Pacific Telephone
1955	La Mesa Ranch for Dogs	The Pacific Telephone and Telegraph Co.
	Thompson Albert R La Mesa Ranch for Dogs	The Pacific Telephone and Telegraph Co.
1946	Spere Ruth r	Southern California Telephone Co.

1555 PLACENTIA AVE

Year	Uses	Source
2002	r JPSFDESIGNS	Haines Company
1995	Volcom Boardwear	Pacific Bell
1991	Macroscale Industries Inc	Pacific Bell
1986	Main Otc	Pacific Bell
1975	LGarde Inc	Luskey Brothers & Co., Inc.
1970	American Submarine Co	General Telephone Co., of California
	Silicon Systems Inc elctrnc resrchi	General Telephone Co., of California
	Spectrum Systems Inc	General Telephone Co., of California

FINDINGS

Year	Uses	Source
1970	Silicon Systems Inc eictrnc resrch	General Telephone Co., of California

1557 PLACENTIA AVE

Year	Uses	Source
2002	1010 X	Haines Company
	XXXX	Haines Company
1975	Lucas E D Jr	Luskey Brothers & Co., Inc.
	Best Electronics	Luskey Brothers & Co., Inc.
1966	Eschbach Co The engnrs	Pacific Telephone
	Steinbrugge & Moon structurl engnrs	Pacific Telephone

1559 PLACENTIA AVE

Year	Uses	Source
2013	SEASIDE CATERING	Cole Information Services
	BUDGET EVENT PACKAGES	Cole Information Services
2008	SEASIDE CATERING CO	Cole Information Services
2003	HIXSON LEASING	Cole Information Services
	ALLEN BECK FLORIST	Cole Information Services

Placentia Ave

1559 Placentia Ave Client Entered

Year	Uses	Source
2002	HIXSON LEASING	Haines Company
	ALLEN BECK FLORIST	Haines Company
	BECKALLEN FLORIST	Haines Company
	HIXSON AUTO SALES	Haines Company
	HIXSON EQUIP CO	Haines Company
	HIXSON PROPERTIES	Haines Company
1995	Hixson Equipment Co	Pacific Bell
	Hixson Leasing	Pacific Bell
	Allen Beck Florist	Pacific Bell
	Beck Allen Florist	Pacific Bell
	Hixson Auto Sales & Leasing	Pacific Bell
	Hixson Properties	Pacific Bell
1991	Hixson Auto Sales & Leasing	Pacific Bell
	Hixson Equipment Co	Pacific Bell
	Hixson Leasing	Pacific Bell
	Hixson Properties	Pacific Bell
1980	Seaway Productions	Pacific Telephone

FINDINGS

Year	Uses	Source
1975	Axelson Fishing Tackle Mfg Co	Luskey Brothers & Co., Inc.
1970	Axelson Fishing Tackle Mfg Co	General Telephone Co., of California
1966	Axelson Fishing Tackle Mfg Co	Pacific Telephone

PLACENTIA AVE

1571 PLACENTIA AVE

Year	Uses	Source
2013	FURLING & RIGGING CORP	Cole Information Services
2008	FURLING & RIGGING CORP	Cole Information Services
2003	PRECISION CABLE & SWAGING	Cole Information Services
	FURLING & RIGGING CORP	Cole Information Services
2002	FURUNG&IRIGGING	Haines Company
	CORP PRECISION	Haines Company
	CABLE&SWAGING	Haines Company
1995	Furling & Rigging Corp	Pacific Bell
1991	C S B Inc	Pacific Bell
1986	HILLS GE N E RATOR S YS TE MS IN C	Pacific Bell
1980	Kelly Tom Marine Engineering Inc	Pacific Telephone
1975	KELLY TOM MARINE ENGINEERING INC	Luskey Brothers & Co., Inc.
	Kelly Tom Marine Engineering Inc	Luskey Brothers & Co., Inc.

1575 PLACENTIA AVE

Year	Uses	Source
2013	INVESTORS MANAGEMENT SERVICE	Cole Information Services
2008	INVESTORS MANAGEMENT SERVICES	Cole Information Services
	PIEMONTE FOUNDATION	Cole Information Services
	COASTAL CONSULTING	Cole Information Services
	ASCHIERIS JOHN	Cole Information Services
2003	INVESTORS MANAGEMENT SERVICE	Cole Information Services
	JOHN ASCHIERIS	Cole Information Services
2002	MANAGEMENT	Haines Company
	SERVICE	Haines Company
	ASCHIERISJOHN	Haines Company
	INVESTORS	Haines Company
1980	Western Wood Works	Pacific Telephone

FINDINGS

1576 PLACENTIA AVE

Year	Uses	Source
1955	Walker Lance F	The Pacific Telephone and Telegraph Co.
1950	Wagner R A r	The Pacific Telephone and Telegraph Co.

1577 PLACENTIA AVE

Year	Uses	Source
2013	CROUL WHOLESALE	Cole Information Services
2003	CROUL WHOLESALE	Cole Information Services
2002	CROULWHOLESALE	Haines Company
1995	Camera Ready Cars	Pacific Bell
1991	Camera Ready Cars	Pacific Bell
1986	Metal Crafters	Pacific Bell
1980	Autograhic Design	Pacific Telephone
1975	Bradshaw Formula Racing	Luskey Brothers & Co., Inc.
1970	MARTEC REPROOUIICTIONS	General Telephone Co., of California
	Marvin Richard T Jr Martec Reproductions	General Telephone Co., of California
1966	Marvin Richard T Jr Martec Reproductions	Pacific Telephone
	MARTEC REPRODUCTIONS	Pacific Telephone
	Martec Reproductions	Pacific Telephone

1585 PLACENTIA AVE

Year	Uses	Source
2002	VANOEWALKERGIynn	Haines Company
1975	Clark Harry A	Luskey Brothers & Co., Inc.
1970	Clark Harry A	General Telephone Co., of California
1966	Clark Harry A	Pacific Telephone
1955	Clark Harry C	The Pacific Telephone and Telegraph Co.
1950	Res	The Pacific Telephone and Telegraph Co.

1598 PLACENTIA AVE

Year	Uses	Source
2002	MACGREGOR Roger	Haines Company
1970	Machine Craft Products	General Telephone Co., of California
1966	Machine Craft Products	Pacific Telephone
1955	Machine Craft Products	The Pacific Telephone and Telegraph Co.

FINDINGS

1599 PLACENTIA AVE

Year	Uses	Source
2002	LANDSCAPING	Haines Company
	VAN DE WALKER	Haines Company
	VANDEWALKERGlynn	Haines Company
1995	Palmer Tom	Pacific Bell
	Van De Walker Landscaping	Pacific Bell
1986	BE E S ON RICHARD M Indscpe archt	Pacific Bell
1980	BE E S ON RICHARD M Indscpe archt	Pacific Telephone
	BE E S ON S AN D AN D GRAVE L S Newope @Santa Ana@	Pacific Telephone
1970	Beeson Richard M Indscpe archts	General Telephone Co., of California
1966	BEESON RICHARD M Indscpng	Pacific Telephone
1955	Butler Helen C	The Pacific Telephone and Telegraph Co.
1950	Jelen W S r	The Pacific Telephone and Telegraph Co.

1601 PLACENTIA AVE

Year	Uses	Source
2013	B & F AUTO AIR CONDITIONING	Cole Information Services
	ORANGE COUNTY MUFFLER SERVICE	Cole Information Services
2008	ORANGE COUNTY MUFFLER	Cole Information Services
	B & F AUTO AIR CONDITIONING	Cole Information Services
	CORY BAKER	Cole Information Services
2003	B & F AUTO AIR CONDITIONING	Cole Information Services
1995	B & F Auto Air	Pacific Bell
1991	B & F Auto Air	Pacific Bell
1986	MC COY S URFBOARDS	Pacific Bell
	Costa Mesa	Pacific Bell
1980	Costa Mesa	Pacific Telephone
1975	Costa Mesa	Luskey Brothers & Co., Inc.
1970	Discovery House	General Telephone Co., of California
1966	Harboldt Norman	Pacific Telephone
	Toms Automotive	Pacific Telephone
1955	Sowden John W	The Pacific Telephone and Telegraph Co.
1950	Mc Colly W H r	The Pacific Telephone and Telegraph Co.

FINDINGS

1602 PLACENTIA AVE

Year	Uses	Source
2013	METALFAB	Cole Information Services
2003	FILMORES	Cole Information Services
1995	Filmores Welding & Fabricating	Pacific Bell
1986	Chapman Die Mold	Pacific Bell
1980	W E S TE RN UN ITE D CO	Pacific Telephone
1975	CARROLL DAVID SAILMAKERS	Luskey Brothers & Co., Inc.
1970	Hanson Robt L	General Telephone Co., of California

1604 PLACENTIA AVE

Year	Uses	Source
2013	COSTA MESA AUTO MACHINE	Cole Information Services
2008	COSTA MESA AUTO MACHINE SHOP	Cole Information Services
2003	CAPE HATTERAS MARINE INC	Cole Information Services
2002	CAPE HATTERAS	Haines Company
	CUSTOM MARINE	Haines Company
1995	California Sportbike Racing	Pacific Bell
1986	Orange County Christian Action Council	Pacific Bell
1975	Coast Screw Machine Products	Luskey Brothers & Co., Inc.

1606 PLACENTIA AVE

Year	Uses	Source
2013	ZEES SMOG TEST ONLY STATION	Cole Information Services
2008	SAILORS WELDING BOAT EXHAUST & METAL	Cole Information Services
	METROMAR FURNITURE	Cole Information Services
2003	MYERS RACING	Cole Information Services
2002	a IYERS RACING	Haines Company
1995	Bedas Tool Service	Pacific Bell
1991	Bedas Tool Service	Pacific Bell
1986	BE DAS TOOL S E RVICE	Pacific Bell
1980	BE DAS TOOL S E RVICE	Pacific Telephone
1975	Bradco Industries	Luskey Brothers & Co., Inc.

1607 PLACENTIA AVE

Year	Uses	Source
2003	SENA AUTO	Cole Information Services
2002	MODICWiliam	Haines Company
	SENAAUTO	Haines Company
1995	Sena Automotive Inc	Pacific Bell

FINDINGS

Year	Uses	Source
1991	Alignment Techniques	Pacific Bell
1986	B & F Auto Air	Pacific Bell
1980	Chassis Dynamics	Pacific Telephone
1970	Toms Automotive	General Telephone Co., of California
1966	Jordan Winton L	Pacific Telephone
1950	Simpson H Lee r	The Pacific Telephone and Telegraph Co.

1608 PLACENTIA AVE

Year	Uses	Source
2002	XXXX	Haines Company
1995	Craft Tennis Repair	Pacific Bell
1991	Craft Tennis Repair	Pacific Bell
1986	Craft Tennis Repair	Pacific Bell
1975	Moonlite Marine	Luskey Brothers & Co., Inc.
	Tiller Master	Luskey Brothers & Co., Inc.

1610 PLACENTIA AVE

Year	Uses	Source
2008	SOFTCORE SURFBOARDS INC	Cole Information Services
2003	SOFTCORE SURFBOARDS	Cole Information Services
2002	n PUMPHOUSE	Haines Company
1995	Three Brothers Racing	Pacific Bell
1991	Hi Tech Hygiene	Pacific Bell
1986	Papineau Upholstery	Pacific Bell

1612 PLACENTIA AVE

Year	Uses	Source
2002	MAN 6 FACTURINGEDE	Haines Company
	ADOLT	Haines Company
	SIGN CO	Haines Company
1986	Adolt Manufacturing & Design Co	Pacific Bell
1980	Reynolds Jackson L	Pacific Telephone
1975	Reynolds Jackson L	Luskey Brothers & Co., Inc.

PLACENTIA AVE N

1511 PLACENTIA AVE N

Year	Uses	Source
1965	RC MCFADCEN	Ross Publications, Inc.,

FINDINGS

1605 PLACENTIA AVE N

Year	Uses	Source
1965	S VIKINt GARDEN APARTMENT A CS Bac RN	Ross Publications, Inc.,
	A ES Wi MAERLY:::	Ross Publications, Inc.,
	S RH GERRY 2 52 B 2 S 0 C C VACANT	Ross Publications, Inc.,
	D VACANT	Ross Publications, Inc.,

1611 PLACENTIA AVE N

Year	Uses	Source
1965	OSIESRA V 15 TA ELEMENTARY	Ross Publications, Inc.,

PRODUCTION PL

800 PRODUCTION PL

Year	Uses	Source
2002	XXXX	Haines Company
1995	Powers Design Line	Pacific Bell
1991	Newport Partners	Pacific Bell
	Newport Party Center	Pacific Bell
	Milestone Motorcars Inc	Pacific Bell

810 PRODUCTION PL

Year	Uses	Source
2013	REID WASHBON RACING	Cole Information Services
2008	REID WASHBON RACING EXHAUSTS	Cole Information Services
	PRECISION METAL CRAFTING	Cole Information Services
2002	XXXX	Haines Company

816 PRODUCTION PL

Year	Uses	Source
2002	HERTELJeanne	Haines Company
1991	Ardent Intimates	Pacific Bell
1986	HOW E & BAIN BRIDGE IN C	Pacific Bell
	BAIN BRIDGE RE CRE ATION AL FABRICS	Pacific Bell
1980	HOW E & BAIN RIDGE IN C	Pacific Telephone
	BAIMBRIDGE RE CRE ATION AL FABRICS	Pacific Telephone
1975	Howe & Bainbridge Inc	Luskey Brothers & Co., Inc.
	Bainbridge Recreational Fabrics	Luskey Brothers & Co., Inc.

FINDINGS

817 PRODUCTION PL

Year	Uses	Source
2002	XXXX	Haines Company

822 PRODUCTION PL

Year	Uses	Source
2013	R N SALMONSON CONSTRUCTION	Cole Information Services
2002	XXXX	Haines Company
1970	Glass Technology Div Gulton Industries	General Telephone Co., of California
	Gulton Glass Technology Div	General Telephone Co., of California

828 PRODUCTION PL

Year	Uses	Source
2013	POWERS DESIGN INTERNATIONAL	Cole Information Services
2008	KLEENAIR SYSTEMS INC	Cole Information Services
	POWERS DESIGN INTERNATIONAL	Cole Information Services
2003	POWERS DESIGN INTERNATIONAL	Cole Information Services
	CREATIVE POWERS INC	Cole Information Services
2002	SALMONSONRchard	Haines Company
	INC POWERS DESIGN INTL	Haines Company
	KLEEN AIR SYSTEMS	Haines Company
1995	Powers Design International	Pacific Bell
	Powers Design International	Pacific Bell
1991	Powers Design International	Pacific Bell
1980	Ball Ernie Inc	Pacific Telephone
1975	Ball Ernie Inc	Luskey Brothers & Co., Inc.
1970	Ball Ernie Inc	General Telephone Co., of California
1966	Miracle Carpet Serv Co	Pacific Telephone
	Miracle Products Co	Pacific Telephone

829 PRODUCTION PL

Year	Uses	Source
2013	HIXSON METAL FINISHING	Cole Information Services
2003	HIXSON METAL FINISHING	Cole Information Services
2002	HIXSON METAL	Haines Company
	FINISHING	Haines Company
1995	Hixson Metal Finishing	Pacific Bell
1991	Hixson Metal Finishing	Pacific Bell
1986	Hixson Equipment Co	Pacific Bell
1980	From Santa Ana Telephones Call	Pacific Telephone

FINDINGS

Year	Uses	Source
1975	HIXSON METAL FINISHING	Luskey Brothers & Co., Inc.
1970	HIXSON METAL FINISHING	General Telephone Co., of California
1966	HIXSOH METAL FINISHING	Pacific Telephone

831 PRODUCTION PL

Year	Uses	Source
2003	NEWPORT BEACH YACHT SERVICE	Cole Information Services

834 PRODUCTION PL

Year	Uses	Source
2013	MILLETT ROBT A CO	Cole Information Services
2008	MILLETT ROBT A CO	Cole Information Services
2003	MILLETT ROBT A CO	Cole Information Services
2002	MILLETTROBTACO	Haines Company
1995	Vertex Business Systems	Pacific Bell
	Millett Robt A Co	Pacific Bell
	H R W Plastics Engineering	Pacific Bell
1991	Sea T ac Industrial Mar Ine	Pacific Bell
	Sea Tree Nurseries Inc Ofc POBox 92 East Itv	Pacific Bell
	Cal Industrial Engineers & Constructors Inc	Pacific Bell
1986	Banns Norm Piping Design Consultant	Pacific Bell
1980	Soler E	Pacific Telephone
	Solenoid Research Inc	Pacific Telephone
1975	Solenoid Research Inc	Luskey Brothers & Co., Inc.
	S R Engineering Inc	Luskey Brothers & Co., Inc.
1970	Solenoid Research	General Telephone Co., of California
	S R ENa INEERING	General Telephone Co., of California
1966	Road & Track Bond Publishing Co	Pacific Telephone
	Car Life Bond Publishing Co	Pacific Telephone
	Bond Publishing Co	Pacific Telephone

835 PRODUCTION PL

Year	Uses	Source
2002	XXXX	Haines Company
1970	Paxve Engineering	General Telephone Co., of California

840 PRODUCTION PL

Year	Uses	Source
2013	TOM STANSBURY ANTIQUES	Cole Information Services

FINDINGS

Year	Uses	Source
2008	STANSBURY TOM ANTIQUES	Cole Information Services
2002	NEWPRT ROADSTERS	Haines Company
	STRAMAN Richard	Haines Company
1986	Powers Design International	Pacific Bell
1980	Powers Design Intranational	Pacific Telephone
	Powers Dick & Elsie @Cypress@	Pacific Telephone
	Webster Paul	Pacific Telephone
1975	Powers Design Group	Luskey Brothers & Co., Inc.
	Webster Paul	Luskey Brothers & Co., Inc.
	Webster Paul	Luskey Brothers & Co., Inc.
1970	Webster Paul	General Telephone Co., of California
	Webster Paul	General Telephone Co., of California
	Paxve Inc	General Telephone Co., of California
	Johoy Inc	General Telephone Co., of California
	Haughty Jooy Int	General Telephone Co., of California
1966	Thermal Sciences Inc	Pacific Telephone

841 PRODUCTION PL

Year	Uses	Source
2002	XXXX	Haines Company
1975	Omega Industries Inc	Luskey Brothers & Co., Inc.
	Rank Precision Industries	Luskey Brothers & Co., Inc.
1970	:Marlin Marine	General Telephone Co., of California
	Omega Industries Inc	General Telephone Co., of California
	Marlin Leroy S	General Telephone Co., of California
1966	G M Labs	Pacific Telephone
	Omega Industries Inc	Pacific Telephone

SUPERIOR AVE

1525 SUPERIOR AVE

Year	Uses	Source
2008	NEWPORT BEACH GASTROENTEROLOGY	Cole Information Services
	ABRAHM DONALD R MD INC	Cole Information Services
	AMERICANS FATHER FREE CHC IN MEDICIN	Cole Information Services

FINDINGS

Superior Ave

1535 Superior Ave

Client Entered

Year	Uses	Source
2002	XXXX	Haines Company
1995	Markwardt Irwin	Pacific Bell
	Baker Hugh	Pacific Bell
	Cookson Sahara M	Pacific Bell
	Harbor Mobile Homes	Pacific Bell
	Brewster Jim	Pacific Bell
	Hewitt Thomas J	Pacific Bell
	LArmee J W	Pacific Bell
1986	LArrnee JW	Pacific Bell
	Sims F	Pacific Bell
	Cramer Ron	Pacific Bell
	Connors Jack B	Pacific Bell
	Cookson Sahara M	Pacific Bell
	Hammervold Jean M	Pacific Bell
	Healy Gladys M	Pacific Bell
	Harbor Mobile Homes tr rpark	Pacific Bell
	Baire M	Pacific Bell
	Barber Jewell L	Pacific Bell
	Baker Hugh	Pacific Bell
	Bennett Donald D	Pacific Bell
	Redline K	Pacific Bell
	Ritkes Joe	Pacific Bell
	Moorhouse Omar J	Pacific Bell
	Forkey Homer R	Pacific Bell
	King Bill	Pacific Bell
	Norwood Vode V	Pacific Bell
1980	Forkey Homer R	Pacific Telephone
	Alger Jane M	Pacific Telephone
	Alger Sally D	Pacific Telephone
	Alger TI I	Pacific Telephone
	Cherry Clyde P	Pacific Telephone
	Reynolds Clinton A Sr	Pacific Telephone
	King Bill	Pacific Telephone
	Moos David	Pacific Telephone
	Troxel Frank L	Pacific Telephone

FINDINGS

Year	Uses	Source
1980	Tishler Mary	Pacific Telephone
	Baker Hugh	Pacific Telephone
	Barber Jewell L	Pacific Telephone
	Gormley E	Pacific Telephone
	Wilholte Jesse	Pacific Telephone
	Cramer Ron	Pacific Telephone
	Bennett Donald D	Pacific Telephone
	Carr Jas	Pacific Telephone
	Weaver Gregory	Pacific Telephone
	Moorhouse Omar J	Pacific Telephone
	Harbor Mobile Homes trir park	Pacific Telephone
	Healey Gladys Mi	Pacific Telephone
	Slinker Paul W	Pacific Telephone
	El IIS Carlton V	Pacific Telephone
	Siegmann Robt Price	Pacific Telephone
1975	Carver M	Luskey Brothers & Co., Inc.
	Fowler Jos C	Luskey Brothers & Co., Inc.
	Lyon E	Luskey Brothers & Co., Inc.
	Leatherman Frankie	Luskey Brothers & Co., Inc.
	Adams Edith E	Luskey Brothers & Co., Inc.
	Alger Sally D	Luskey Brothers & Co., Inc.
	Wright Michael T	Luskey Brothers & Co., Inc.
	Harbor Mobile Homes trlr park	Luskey Brothers & Co., Inc.
	Healy Gladys M	Luskey Brothers & Co., Inc.
	Reynolds Clinton A Sr	Luskey Brothers & Co., Inc.
	Tishler Mary	Luskey Brothers & Co., Inc.
	Baker Hugh	Luskey Brothers & Co., Inc.
	Barber Jewell L	Luskey Brothers & Co., Inc.
	Ellis Carlton V	Luskey Brothers & Co., Inc.
	Moorhouse Omar J	Luskey Brothers & Co., Inc.
	Finch Sam N Sr	Luskey Brothers & Co., Inc.
	Semrau Arthur L	Luskey Brothers & Co., Inc.
	Begg Norm	Luskey Brothers & Co., Inc.
	Key Elsie	Luskey Brothers & Co., Inc.
	Slinker Paul W	Luskey Brothers & Co., Inc.
	Brenner Harry H	Luskey Brothers & Co., Inc.
	Forkey Homer R	Luskey Brothers & Co., Inc.
	Sisson N E	Luskey Brothers & Co., Inc.

FINDINGS

Year	Uses	Source
1966	Baker Oscar	Pacific Telephone
	Mc Dougall Karl M	Pacific Telephone
	James E N	Pacific Telephone
	Pollins Lynn R Harbor Mobile Homes trlr park	Pacific Telephone
	Derho C A	Pacific Telephone
	Wood Kathryn	Pacific Telephone
	Lapworth C W Mrs	Pacific Telephone
	Shaw Averill	Pacific Telephone
	Sheere Chester Mrs	Pacific Telephone
	Bjorn John Col	Pacific Telephone
	Brewer Alma A	Pacific Telephone
	Harbor Mobile Homes trlr park	Pacific Telephone
	Tishler Mary	Pacific Telephone
	Olson Helen	Pacific Telephone
	Thompson Jeanne	Pacific Telephone
	Covalt Rochelle	Pacific Telephone
1955	Harbor Mobile Homes trlr park	The Pacific Telephone and Telegraph Co.
	Mc Dougall Karl M	The Pacific Telephone and Telegraph Co.
	Pollins Lynn R Harbor Mobile Homes trlr park	The Pacific Telephone and Telegraph Co.

SUPERIOR AVE

1537 SUPERIOR AVE

Year	Uses	Source
1975	Brandin Associates	Luskey Brothers & Co., Inc.

1539 SUPERIOR AVE

Year	Uses	Source
1975	Temp Stik Corporation	Luskey Brothers & Co., Inc.

1545 SUPERIOR AVE

Year	Uses	Source
2002	XXXX	Haines Company

Map ID: 6

1555 SUPERIOR AVE

Year	Uses	Source
1955	Lemus Roberta R	The Pacific Telephone and Telegraph Co.

FINDINGS

500 SUPERIOR AVE

Year	Uses	Source
2013	NEWPORT HEALTHCARE CENTER	Cole Information Services
	MI AGENTE INC	Cole Information Services
	REFLEX MORTGAGE	Cole Information Services
	BLOOM DAVID R MD	Cole Information Services
	CHOC CHILDRENS SPECIALTY CLINIC	Cole Information Services
	DASTMALCHI ENTERPRISES INC	Cole Information Services
	MI ABOGADO	Cole Information Services
	CHOC CHILDRENS DIABETES & ENDOCR IN	Cole Information Services
	HUNTINGTON REPRODUCTIVE CENTER	Cole Information Services
2008	NEWPORT SATELLITE GROUP	Cole Information Services
	MI AGENTE INC	Cole Information Services
	ALLSTATE FINANCIAL MORTGAGE CORP	Cole Information Services
	DASTMALCHI ENTERPRISES INC	Cole Information Services
	SCANDOC IMAGING INC	Cole Information Services
	MI ABOGADO INC	Cole Information Services
1995	Semiconductor Products Center	Pacific Bell
	Hughes Aircraft Co Contd Communications & Data Processing	Pacific Bell
1991	Hughes Microelectronics Center	Pacific Bell
	Microelectronic Circuits Div	Pacific Bell
1986	Airco Industrial Gases	Pacific Bell
	Solid State Products Div	Pacific Bell
1980	Airco Industrial Gases	Pacific Telephone
	Sohd State Products Div	Pacific Telephone
1975	Microelectronic Products Div	Luskey Brothers & Co., Inc.
	International Circuit Technology Corp	Luskey Brothers & Co., Inc.

502 SUPERIOR AVE

Year	Uses	Source
2002	XXXX	Haines Company

510 SUPERIOR AVE

Year	Uses	Source
2013	NAUTILUS HEALTHCARE	Cole Information Services
	NEWPORT IRVINE SURGICAL SPECIALIST	Cole Information Services
	KINGS PHARMACY & COMPOUNDING CENTER	Cole Information Services
2008	GEOMATRIX CONSULTANTS INC	Cole Information Services

FINDINGS

520 SUPERIOR AVE

Year	Uses	Source
2013	NEWPORT MEDICINE GROUP INC	Cole Information Services
	CENTRAL COUNTY CHEST MEDICAL GROUP	Cole Information Services
	CHRISTOPHER EVAN LEE MD INC	Cole Information Services
	BRUCE WILLIAM H MD	Cole Information Services
	NEWPORT FAMILY MEDICINE	Cole Information Services
	MCKAY J BARRY MD	Cole Information Services
	SANDRA KWAK MD	Cole Information Services
	ALIPOUR MASSOUD MD	Cole Information Services
	CARDIOLOGY CONSULTANTS OF NEWPORT BE	Cole Information Services
	HOMAN JOHN D MD	Cole Information Services
	CLARK CENTER FOR UROGYNECOLOGY	Cole Information Services
	PARIKH DR	Cole Information Services
	PRIVATE PHYSICIANS MEDICAL ASSOC	Cole Information Services
	ORANGE COAST UROLOGY	Cole Information Services
	COAST INTERNAL MEDICINE CONSULTANTS	Cole Information Services
	KATZ GREGORY MD	Cole Information Services
	ITCHHAPORIA DR DIPTI	Cole Information Services
	HEMATOLOGY & ONCOLOGY ASSOCIATES	Cole Information Services
	NEWPORT COAST CARDIOLOGY	Cole Information Services
	PREMIER CARDIOLOGY INC	Cole Information Services
	DO DUC MD	Cole Information Services
	BABAK PEZESHKI MD	Cole Information Services
	LINDSAY STEPHEN F MD FACS	Cole Information Services
	DHALIWAL PARMINDER MD	Cole Information Services
	JENKINS SCOTT E MD INC	Cole Information Services
	SOUTHERN CALIFORNIA SPINE & ORTHOP	Cole Information Services
	AESTHETIC EYE CARE INSTITUTE	Cole Information Services
	DELGADO RICARDO MD	Cole Information Services
	CARLSON GARY MD	Cole Information Services
	KALRA TEJ MD	Cole Information Services
2008	NATIONAL SEMICONDUCTOR CORP	Cole Information Services

FINDINGS

SUPERIOR LN

500 SUPERIOR LN

Year	Uses	Source
1970	Hughes Internat l Centinela Av&Teale Culver City Aerospace Group Centinela Av&Teale St l Culverelty	General Telephone Co., of California
	Hughes Internat l Centinela Av&Teale Culver City Aerospace Group Centinela Av&Teale St l Culverelty	General Telephone Co., of California
	Connecting Devices Div	General Telephone Co., of California
	Microelectronic Products Div	General Telephone Co., of California
	Hughes Internat l Centinela Av&Teale Culver City Aerospace Group Centinela Av&Teale St l Culverelty	General Telephone Co., of California
	MOS Division	General Telephone Co., of California
1966	HUGHES AIRCRAFT CO General Ofc Centinela Av & Teale St Culver City International Group Centinela Av & Teale St Culver City	Pacific Telephone
	Industrial Systems Div	Pacific Telephone
	HUGHES AIRCRAFT CO General Ofc Centinela Av & Teale St Culver City International Group Centinela Av & Teale St Culver City	Pacific Telephone
	Microelectronics Div & Electronic Products Div	Pacific Telephone
	HUGHES AIRCRAFT CO General Ofc Centinela Av & Teale St Culver City International Group Centinela Av & Teale St Culver City	Pacific Telephone
	Microelectronics Sales Ofc	Pacific Telephone

W 16TH

760 W 16TH

Year	Uses	Source
1995	Gordons Antique Service	Pacific Bell

814 W 16TH

Year	Uses	Source
1980	Cartee M	Pacific Telephone
	Cartee Ken	Pacific Telephone

FINDINGS

W 16TH NB

823 W 16TH NB

Year	Uses	Source
1970	Looper Electric	General Telephone Co., of California

W 16TH ST

759 W 16TH ST

Year	Uses	Source
2008	NORTH AMERICAN TOOL CORP	Cole Information Services
2002	XXXX	Haines Company
1991	Hi Performance Marine Inc	Pacific Bell
1986	AeroMayflower Special Systems	Pacific Bell
	Mayflower Special Systems	Pacific Bell
	Special Services	Pacific Bell
	Special Systems Delivery	Pacific Bell
1975	Fiskar Inc	Luskey Brothers & Co., Inc.
	Pisces Diesel Marine Engines	Luskey Brothers & Co., Inc.
	Volvo Penta Distributor	Luskey Brothers & Co., Inc.

760 W 16TH ST

Year	Uses	Source
2013	REGGIE JACKSONCOM	Cole Information Services
	OUTER REBEL INC	Cole Information Services
	PYRAMID FENCE CO INC	Cole Information Services
	TKB NEWPORT MEDICAL	Cole Information Services
	MAT FACTORY	Cole Information Services
	CARLTON BROWNE & COMPANY INC	Cole Information Services
	SEAWIDE MARINE DISTRIBUTION	Cole Information Services
	FRANK PERRY	Cole Information Services
	LAND & SEA FABRICATION	Cole Information Services
	GARY NEWTON ENTERPRISES	Cole Information Services
	DHARMA CONSTRUCTION SERVICES INC	Cole Information Services
	GENERAL SEALANTS	Cole Information Services
	REGGIE JACKSONCOM	Cole Information Services
	OUTER REBEL INC	Cole Information Services
	PYRAMID FENCE CO INC	Cole Information Services
	TKB NEWPORT MEDICAL	Cole Information Services
	MAT FACTORY	Cole Information Services

FINDINGS

Year	Uses	Source
2013	CARLTON BROWNE & COMPANY INC	Cole Information Services
	SEAWIDE MARINE DISTRIBUTION	Cole Information Services
	FRANK PERRY	Cole Information Services
	LAND & SEA FABRICATION	Cole Information Services
	GARY NEWTON ENTERPRISES	Cole Information Services
	DHARMA CONSTRUCTION SERVICES INC	Cole Information Services
	GENERAL SEALANTS	Cole Information Services
2008	PARAMOUNT SPORTS	Cole Information Services
	NIKOSA CALIFORNIA	Cole Information Services
	NEWPORT MEDICAL INSTRUMENTS	Cole Information Services
	T LUXURY APPAREL	Cole Information Services
	CALL DIRECT FUNDING	Cole Information Services
	GARY NEWTON ENTERPRISES	Cole Information Services
	PHOTO WIZARD THE	Cole Information Services
	TKB INTERNATIONAL INC	Cole Information Services
	SEAWIDE MARINE DISTRIBUTION INC	Cole Information Services
	DAHRMA CONSTRUCTION	Cole Information Services
	OC INVESTORS INC	Cole Information Services
	RT MD	Cole Information Services
	EXTRAORDINARY SPORTS PRODUCTS INC	Cole Information Services
	STUDIO DESIGN GROUP INTERIORS INC	Cole Information Services
	ON AIR COMMUNICATIONS INC	Cole Information Services
	HPV TECHNOLOGIES LLC	Cole Information Services
	LAND BREEZE INC	Cole Information Services
	MAT FACTORY INC	Cole Information Services
	SYSTEM DESIGN & SERVICES	Cole Information Services
	AFFORDABLE FASHION BLINDS	Cole Information Services
	PARAMOUNT SPORTS	Cole Information Services
	NIKOSA CALIFORNIA	Cole Information Services
	NEWPORT MEDICAL INSTRUMENTS	Cole Information Services
	T LUXURY APPAREL	Cole Information Services
	CALL DIRECT FUNDING	Cole Information Services
	GARY NEWTON ENTERPRISES	Cole Information Services
	PHOTO WIZARD THE	Cole Information Services
	TKB INTERNATIONAL INC	Cole Information Services
	SEAWIDE MARINE DISTRIBUTION INC	Cole Information Services
	DAHRMA CONSTRUCTION	Cole Information Services
	OC INVESTORS INC	Cole Information Services

FINDINGS

Year	Uses	Source
2008	RT MD	Cole Information Services
	EXTRAORDINARY SPORTS PRODUCTS INC	Cole Information Services
	STUDIO DESIGN GROUP INTERIORS INC	Cole Information Services
	ON AIR COMMUNICATIONS INC	Cole Information Services
	HPV TECHNOLOGIES LLC	Cole Information Services
	LAND BREEZE INC	Cole Information Services
	MAT FACTORY INC	Cole Information Services
	SYSTEM DESIGN & SERVICES	Cole Information Services
	AFFORDABLE FASHION BLINDS	Cole Information Services
2003	JOHN WEST FABRICATIONS	Cole Information Services
	FOTO ART	Cole Information Services
	TKB INTERNATIONAL	Cole Information Services
	TKB NEWPORT MEDICAL	Cole Information Services
	AFFORDABLE FASHION BLINDS	Cole Information Services
	MAT FACTORY INC	Cole Information Services
	SPECTRUM ATG CORP	Cole Information Services
	TKB SURGICAL PRODUCTS	Cole Information Services
	STICKY FINGERS DESIGN	Cole Information Services
	SEAWIDE MARINE DISTRIBUTION	Cole Information Services
	REGGIES CARS	Cole Information Services
	REGGIE JACKSON CO	Cole Information Services
	CELLULAR TELEPHONE ACCESSORIES	Cole Information Services
	GORDONS ANTIQUE SERVICE	Cole Information Services
	THE MULLIN CO	Cole Information Services
	HPV TECHNOLOGIES L L C	Cole Information Services
	AYS INC	Cole Information Services
	NIKOSA OF CALIFORNIA	Cole Information Services
	CREW WEST MARINE ELECTRONICS	Cole Information Services
	NEWPORT MEDICAL INSTRUMENTS	Cole Information Services
	JOHN WEST FABRICATIONS	Cole Information Services
	FOTO ART	Cole Information Services
	TKB INTERNATIONAL	Cole Information Services
	TKB NEWPORT MEDICAL	Cole Information Services
	AFFORDABLE FASHION BLINDS	Cole Information Services
	MAT FACTORY INC	Cole Information Services
	SPECTRUM ATG CORP	Cole Information Services
	TKB SURGICAL PRODUCTS	Cole Information Services
	STICKY FINGERS DESIGN	Cole Information Services

FINDINGS

Year	Uses	Source
2003	SEAWIDE MARINE DISTRIBUTION	Cole Information Services
	REGGIES CARS	Cole Information Services
	REGGIE JACKSON CO	Cole Information Services
	CELLULAR TELEPHONE ACCESSORIES	Cole Information Services
	GORDONS ANTIQUE SERVICE	Cole Information Services
	THE MULLIN CO	Cole Information Services
	HPV TECHNOLOGIES L L C	Cole Information Services
	AYS INC	Cole Information Services
	NIKOSA OF CALIFORNIA	Cole Information Services
	CREW WEST MARINE ELECTRONICS	Cole Information Services
	NEWPORT MEDICAL INSTRUMENTS	Cole Information Services
2002	BUILDING A YSINC	Haines Company
	AFFORDABLE FASHION	Haines Company
	BLINDS AFFORDABLEFASHION	Haines Company
	BLINDS CELLULAR TELEPHONE	Haines Company
	ACCESSORY CREWWESTMARINE	Haines Company
	ELECTRONICS ECOMATICSALT	Haines Company
	WATER POOLSYS EXTRAORDINARY	Haines Company
	SPORTS PRODUCTS FOTOART	Haines Company
	GORDONS ANTIOUE SV	Haines Company
	HMG SPORTS	Haines Company
	JOHN WEST	Haines Company
	FABRICATIONS MAT FACTORY	Haines Company
	NEWPORTMEDICAL	Haines Company
	INSTRUMENTS NEWPRTASSOCIATES	Haines Company
	NEWPRTMEDICAL	Haines Company
	INSTRUMENTS INC NIKOSAOF	Haines Company
	CALIFORNIA PHOTOSCULPTURES	Haines Company
	PHOTOSCULPTURES	Haines Company
	SEAWIDE MARINE	Haines Company
	DISTRIBUTION SHOPTHE	Haines Company
	SPECTRUM ATG	Haines Company
	STICKY FINGER	Haines Company
	DESIGNS TKBINTERNATL	Haines Company
	TKB NEWPORT	Haines Company
	MEDICAL	Haines Company
1995	Crew West Marine Electronics	Pacific Bell
	Foto Art	Pacific Bell

FINDINGS

Year	Uses	Source
1995	Foto Art	Pacific Bell
	Mat Factory	Pacific Bell
	Newport Medical Instruments	Pacific Bell
	Newport Medical Instruments Inc	Pacific Bell
	Personalized Mailing Inc	Pacific Bell
	Photo Sculptures	Pacific Bell
	Reggies Wax Inc	Pacific Bell
	Seawide Marine Distribution	Pacific Bell
	Shop The	Pacific Bell
1991	Baseballs And More	Pacific Bell
	Furling & Rigging Corp	Pacific Bell
	Furtof A	Pacific Bell
	Gordons Antique Service	Pacific Bell
	Hi Tech German Service	Pacific Bell
	Newport Medical Instruments Inc	Pacific Bell
	Pacific Hotel & Consulting Corp	Pacific Bell
	Personalized Mailing	Pacific Bell
	Reggies Wax Inc	Pacific Bell
	S & A Mfg	Pacific Bell
	Seawlde Marine Distribution	Pacific Bell
	South Coast Ferrari Service	Pacific Bell
	Ted Cook Tours	Pacific Bell
	Vision Restaurants Inc	Pacific Bell
1986	Avanti Products Inc	Pacific Bell
	Brookes & Gatehouse	Pacific Bell
	Buzzanca Marine Repair	Pacific Bell
	Creative Ways Inc	Pacific Bell
	Corporate Offices	Pacific Bell
	Dixie Construction Inc	Pacific Bell
	Gordons Antique Service	Pacific Bell
	blands in The Sun	Pacific Bell
	Newport Medical Instruments Inc	Pacific Bell
	Neaport Nightltfe Limousine Service	Pacific Bell
	Orange Coast Doors Inc	Pacific Bell
	Posein Marketing	Pacific Bell
	Reggies Cars	Pacific Bell
	S & A Mfg	Pacific Bell
	Seawide Marine Distribution	Pacific Bell

FINDINGS

Year	Uses	Source
1986	Smith H V	Pacific Bell
1980	Datel Io K	Pacific Telephone
	PYRAMID FE N CE CO IN C	Pacific Telephone
	PYRAMID FE N CE CO IN C	Pacific Telephone
	Rhymes Bruce A	Pacific Telephone
	Urschel Eugene	Pacific Telephone
1975	Iron Masters	Luskey Brothers & Co., Inc.
	PYRAMID FENCE CO	Luskey Brothers & Co., Inc.
	PYRAMID FENCE CO	Luskey Brothers & Co., Inc.
1970	Pyramid Fence Co	General Telephone Co., of California
1966	Pyramid Fence Co	Pacific Telephone
	PYRAMID FENCE CO	Pacific Telephone

761 W 16TH ST

Year	Uses	Source
2002	XXXX	Haines Company
1995	All Services Bookkeeping	Pacific Bell
1991	Federation Of Outdoor Volleyball Association The	Pacific Bell
1975	Fish Robt Marine	Luskey Brothers & Co., Inc.
	Pisces Marine & Engine Co	Luskey Brothers & Co., Inc.
1970	American Marine Engine Corp	General Telephone Co., of California
	Fish Robt Marine	General Telephone Co., of California

763 W 16TH ST

Year	Uses	Source
1975	Thermobile Corp	Luskey Brothers & Co., Inc.
	Soth L Richard Fibre Glass Co	Luskey Brothers & Co., Inc.
1970	Soth L Richard Fibre Glass Co	General Telephone Co., of California
	Thermobile Corp	General Telephone Co., of California

765 W 16TH ST

Year	Uses	Source
2013	CRITERION MACHINE WORKS	Cole Information Services
2008	CRITERION	Cole Information Services
2002	CRITERION MACH	Haines Company
1995	CRITERION MACHINE WORKS	Pacific Bell
1991	CRITERION MACH WORKS	Pacific Bell
1986	CRITE RION MACH W ORKS	Pacific Bell
1975	CRITERION MACH WORKS	Luskey Brothers & Co., Inc.

FINDINGS

Year	Uses	Source
1970	CRITERION MACH WORKS	General Telephone Co., of California
1966	CRITERION MACH WORKS	Pacific Telephone
1955	Criterion Mach Works	The Pacific Telephone and Telegraph Co.

775 W 16TH ST

Year	Uses	Source
2013	CERIOPS CORP	Cole Information Services
2003	LT ELECTRONICS	Cole Information Services
	OCG INC	Cole Information Services
2002	OCGINC 949 631 37 B	Haines Company
1995	HILLS GENERATOR SYSTEMS INC	Pacific Bell
	West Coast Panel	Pacific Bell
1991	HILLS GENERATOR SYSTEMS INC	Pacific Bell
	West Coast Panel	Pacific Bell

776 W 16TH ST

Year	Uses	Source
2002	PYRAMID FENCE CO	Haines Company
	PYRAMID ENCEPCO	Haines Company
	PHILLIPSOscar	Haines Company
1995	PYRAMID FENCE CO INC	Pacific Bell
	PYRAMID FENCE CO INC	Pacific Bell
1991	PYRAMID FENCE CO INC	Pacific Bell
	PYRAMID FENCE CO INC	Pacific Bell
1986	PYRAMID FE N CE CO IN C	Pacific Bell
	PYRAMID FE N CE CO IN C	Pacific Bell
1980	Sierra Nevada Tours & Travel	Pacific Telephone
	Sierra Meadows Engineering & Tooling	Pacific Telephone
	Reynolds Sails	Pacific Telephone
	Multlayers r I@Santa Ana@	Pacific Telephone
	Multihul Experience Inc The	Pacific Telephone
	Flyte Catamarans	Pacific Telephone
1975	Carter Marine	Luskey Brothers & Co., Inc.
1966	Walker Stanley G Co woodwrkng	Pacific Telephone
	Coast Millwork	Pacific Telephone
	ARROW SASH & DOOR CO INC	Pacific Telephone
	ANDERSEN WINDOWALLS	Pacific Telephone
1955	Vesper Co mach shops	The Pacific Telephone and Telegraph Co.

FINDINGS

777 W 16TH ST

Year	Uses	Source
2013	WEST COAST WOODWORKING	Cole Information Services
2003	WEST COAST WOODWORKS	Cole Information Services
	ANTIQUES WAREHOUSE	Cole Information Services
2002	WOODWORK	Haines Company
	WESTCOAST	Haines Company
	FRANKLIN Michael	Haines Company
	WAREHOUSE	Haines Company
	ANTIQUES	Haines Company
	WOODWORK	Haines Company
	ANTIQUES	Haines Company
	WAREHOUSE	Haines Company
	FRANKLIN Michael	Haines Company
	WESTCOAST	Haines Company
1995	West Coast Woodwork	Pacific Bell
	Antiques Warehouse	Pacific Bell
	West Coast Yellow Cab	Pacific Bell
	Antiques Warehouse	Pacific Bell
	West Coast Woodwork	Pacific Bell
1991	Antiques Warehouse	Pacific Bell
	Antiques Warehouse	Pacific Bell
	Antiques Warehouse	Pacific Bell
	Antiques Warehouse	Pacific Bell
	Antiques Warehouse	Pacific Bell
	Antiques Warehouse	Pacific Bell
	Antiques Warehouse	Pacific Bell
	Antiques Warehouse	Pacific Bell
1986	Flexible Metal Hose Mfg Co	Pacific Bell
	FMH	Pacific Bell
	FMH	Pacific Bell
	Flexible Metal Hose Mfg Co	Pacific Bell
1980	Flexible Metal Hose Mfg Co	Pacific Telephone
	Flexible Metal Hose Mfg Co	Pacific Telephone
1975	Hose Specialties	Luskey Brothers & Co., Inc.
	FLEXIBLE METAL HOSE MFG CO	Luskey Brothers & Co., Inc.
	Bell Metrics Div Of Flexible Metal Hose Mfg Co	Luskey Brothers & Co., Inc.
	Hose Specialties	Luskey Brothers & Co., Inc.

FINDINGS

Year	Uses	Source
1975	Bell Metrics Div Of Flexible Metal Hose Mfg Co	Luskey Brothers & Co., Inc.
	FLEXIBLE METAL HOSE MFG CO	Luskey Brothers & Co., Inc.
1970	Flexible Metal lose Mfg Co	General Telephone Co., of California
	Flexible Metal lose Mfg Co	General Telephone Co., of California
1966	Flexible Metal Hose Mfg Co	Pacific Telephone
	Flexible Metal Hose Mfg Co	Pacific Telephone
1955	Flexible Metal Hose Mfg Co	The Pacific Telephone and Telegraph Co.
	Flexible Metal Hose Mfg Co	The Pacific Telephone and Telegraph Co.

779 W 16TH ST

Year	Uses	Source
2013	WET WORKS GARAGE	Cole Information Services
	AUTO CONNECT USA	Cole Information Services
2008	WET WORKS GARAGE	Cole Information Services
2003	APPALACHIAN MILL WORKS	Cole Information Services
2002	ODEGAARDGerald	Haines Company
	PATERSONPRFRMNC	Haines Company
1986	Straman Auto Restoration	Pacific Bell
	Straman Auto Restoration	Pacific Bell
	Straman R Company	Pacific Bell
1980	Straman Auto Restoration	Pacific Telephone
1975	Odegaard Gerald	Luskey Brothers & Co., Inc.

785 W 16TH ST

Year	Uses	Source
2013	FULL THROTTLE RESTORATION & REPAIR	Cole Information Services
2003	MOBILE MARINE	Cole Information Services
	TMM INDUSTURIES MOBILE MARINE	Cole Information Services
2002	MARINE	Haines Company
	PROPIMPRVMNT T 1 MM 1ND MOBILE	Haines Company
	RODGERS PETERS	Haines Company
1980	VE FO	Pacific Telephone

787 W 16TH ST

Year	Uses	Source
2008	SO CAL COLLECTIBLES INC	Cole Information Services
1975	Vactron Plastics Co	Luskey Brothers & Co., Inc.
1970	Schultz Laboratories	General Telephone Co., of California

FINDINGS

788 W 16TH ST

Year	Uses	Source
2013	LEWCO ELECTRIC CO INC	Cole Information Services
	JOHNNIES TOWING	Cole Information Services
2008	KEEGANS CONCRETE CUTTING	Cole Information Services
2003	SOUTH COAST MARINE BOAT YARD	Cole Information Services
	HILLS FINE WOODWORKING	Cole Information Services
2002	HILLS FINE WDWRKN	Haines Company
	RSCINC	Haines Company
	SOUTHCOASTMARINE	Haines Company
	BOATYARD	Haines Company
1995	Hills Fine Woodworking	Pacific Bell
	Baltierra Custom Surfboards	Pacific Bell
1991	South Coast Marine	Pacific Bell
	Ocean Pro	Pacific Bell
	Hills Fine Woodworking	Pacific Bell
1986	Baltierra Custom Surfboards	Pacific Bell
	Hill Steve	Pacific Bell
	MelCraft boats	Pacific Bell
	Menne David J	Pacific Bell
	Moss Michael	Pacific Bell
	South Coast Marine	Pacific Bell
1980	el Craft boats	Pacific Telephone
1975	VAGABOND MOTOR HOTELS	Luskey Brothers & Co., Inc.
	Ward Machine Co	Luskey Brothers & Co., Inc.
	Vagabond Manufacturing	Luskey Brothers & Co., Inc.
	Spirit Marine	Luskey Brothers & Co., Inc.
	Mel Craft boats	Luskey Brothers & Co., Inc.
1970	COOKS BODY SHOP	General Telephone Co., of California
	Cooks Body Shop	General Telephone Co., of California
1966	COOKS BODY SHOP	Pacific Telephone

789 W 16TH ST

Year	Uses	Source
2013	EXECUTIVE AUTO SALES	Cole Information Services
	M & M AUTO REPAIR	Cole Information Services
2008	RSC INC	Cole Information Services
	SO CAL COLLECTIBLES	Cole Information Services
2003	SO CAL COLLECTIBLES	Cole Information Services
2002	SOCALCOLLECTIBLES	Haines Company

FINDINGS

Year	Uses	Source
2002	RSCINC	Haines Company
	LUYMESJan	Haines Company
	BENZWERKS	Haines Company
1980	KO & E DIS TRIBui ORS	Pacific Telephone
1975	Cundall G M Co	Luskey Brothers & Co., Inc.
	C & R Tool & Supply	Luskey Brothers & Co., Inc.
1970	METAL SERV CO	General Telephone Co., of California
1966	METAL SERV CO	Pacific Telephone

797 W 16TH ST

Year	Uses	Source
2002	XXXX	Haines Company

808 W 16TH ST

Year	Uses	Source
1965	Goodall Dary	Luskey Brothers

814 W 16TH ST

Year	Uses	Source
2008	RONALD J COFER	Cole Information Services
2003	RONALD J COFER	Cole Information Services
2002	COFER Ronald	Haines Company
1986	Pacific Yacht Works	Pacific Bell
1980	Nekunam Gail	Pacific Telephone
1975	Brier Marc C	Luskey Brothers & Co., Inc.
1970	Riker Thomas G	General Telephone Co., of California
1966	Gordon Wm N	Pacific Telephone
	TOPS BY THOMAS	Pacific Telephone
1955	MILLAR LARK saw serv	The Pacific Telephone and Telegraph Co.

816 W 16TH ST

Year	Uses	Source
2003	J MILLER CANVAS	Cole Information Services
2002	BERTULEITMargarel	Haines Company
	J MILLER CANVAS	Haines Company
	MILLER Bob	Haines Company
	MILLER CANVAS	Haines Company
	MILLER JIM J MILLER	Haines Company
	CANVAS	Haines Company

FINDINGS

Year	Uses	Source
1995	J MILLER CANVAS	Pacific Bell
	MILLER JIM J MILLER CANVAS	Pacific Bell
1991	Southwest Warehouse Aztec Express	Pacific Bell
1986	Mesa Bindry Service Inc	Pacific Bell
1980	Expertise Custodial Corp	Pacific Telephone
	Pelican Marine	Pacific Telephone
1970	A A Ladders	General Telephone Co., of California
	WALKER PAINT WORKS	General Telephone Co., of California
1966	Southwestern Fixture & Mfg Co	Pacific Telephone

817 W 16TH ST

Year	Uses	Source
2013	J T BUILDERS	Cole Information Services
	JACKSON CHARLES	Cole Information Services
2008	KM POOL SERVICE	Cole Information Services
	JACKSON CHARLES	Cole Information Services
	JT BUILDERS	Cole Information Services
	CARPENTER SHOP THE	Cole Information Services
2003	CHARLES JACKSON	Cole Information Services
	CARPENTER SHOP	Cole Information Services
2002	JACKSON Charles	Haines Company
	KM POOL SE	Haines Company
	MITHOFFRICHD BLDRS	Haines Company
	JT BUI	Haines Company
	HUGS GOLF	Haines Company
	PROACTIVE COATING	Haines Company
	CARPENTER SHOP THE	Haines Company
	SYSTEMS	Haines Company
1995	Carpenter Shop The	Pacific Bell

818 W 16TH ST

Year	Uses	Source
2002	STINEARCHITECTURE	Haines Company
1965	Thompson Fritz F	Luskey Brothers
	Newman Dennis E	Luskey Brothers
	Kruse RF	Luskey Brothers
	Fredricks L	Luskey Brothers

FINDINGS

819 W 16TH ST

Year	Uses	Source
2003	STINE ARCHITECTURE	Cole Information Services
	DONALD STINE & ASSOCS	Cole Information Services
2002	XXXX	Haines Company
1980	Clark Bannert Productions	Pacific Telephone
1966	KIDWELL CHAS & ASSOCIATES FINE HOME FURNISHINGS	Pacific Telephone

820 W 16TH ST

Year	Uses	Source
2013	MESA ORNAMENTAL IRON	Cole Information Services
2008	MESA ORNAMENTAL IRON	Cole Information Services
2003	MESA IRON REALTY	Cole Information Services
	MESA ORNAMENTAL IRON	Cole Information Services
2002	MESAORNAMENTAL	Haines Company
1995	ME SANTA ANA ORNAMENTAL IRON	Pacific Bell
1991	MESA ORNAMENTAL IRON	Pacific Bell
	Mc Cord Bob Wall Coverings	Pacific Bell
1986	ME S A ORN AME N TAL IRON	Pacific Bell
1980	Lyman Dennis	Pacific Telephone
1975	Twyman Edw G	Luskey Brothers & Co., Inc.
1970	Twyman Edw G	General Telephone Co., of California
1966	Twyman Edw G	Pacific Telephone

821 W 16TH ST

Year	Uses	Source
2008	MARCE PAINTING	Cole Information Services
2003	LI MAR PAINTING INC	Cole Information Services
2002	LI MAR PAINTING INC	Haines Company

823 W 16TH ST

Year	Uses	Source
2008	NEWPORT COASTAL CONSULTING	Cole Information Services
2002	COLLINS Evelyn	Haines Company
	XXXX	Haines Company
1995	Annes Construction Notices	Pacific Bell
1986	Contractors Bookkeeping Administrative Services	Pacific Bell
1970	Almas Antiques	General Telephone Co., of California
1966	Almas Antiques	Pacific Telephone

FINDINGS

Year	Uses	Source
1966	Antiqued Florals by Alma	Pacific Telephone
	FEATHERSTON O P paintng contr	Pacific Telephone

825 W 16TH ST

Year	Uses	Source
2013	G T CARS INC	Cole Information Services
	DRS B AUTO REPAIR	Cole Information Services
2008	G T CARS INC	Cole Information Services
2003	GT CARS INC	Cole Information Services
2002	GROMAKFrank	Haines Company
	GTCARS INC	Haines Company
1991	Long Beach Seafoods Co	Pacific Bell
1986	B & B Label Inc	Pacific Bell
	Long Beach Seafoods Co	Pacific Bell
1975	Long Beach Seafoods Co	Luskey Brothers & Co., Inc.
	LONG BEACH SURPLUS SALES	Luskey Brothers & Co., Inc.
1970	Taylor Water Cooling Equipt Co	General Telephone Co., of California
1966	Taylor Water Cooling Equipt Co	Pacific Telephone

W 16TH ST # A

Map ID: 18

760 W 16TH ST # A

Year	Uses	Source
2002	BLINDS AFFORDABLEFASHION	Haines Company
	NEWPRTMEDICAL	Haines Company
	BLINDS CELLULAR TELEPHONE	Haines Company
	DISTRIBUTION SHOPTHE	Haines Company
	BUILDING A YSINC	Haines Company
	AFFORDABLE FASHION	Haines Company
	ACCESSORY CREWWESTMARINE	Haines Company
	ELECTRONICS ECOMATICSALT	Haines Company
	WATER POOLSYS EXTRAORDINARY	Haines Company
	SPORTS PRODUCTS FOTOART	Haines Company
	GORDONS ANTIOUE SV	Haines Company
	HMG SPORTS	Haines Company
	JOHN WEST	Haines Company
	FABRICATIONS MAT FACTORY	Haines Company
	NEWPORTMEDICAL	Haines Company
	INSTRUMENTS NEWPRTASSOCIATES	Haines Company

FINDINGS

Year	Uses	Source
2002	INSTRUMENTS INC NIKOSAOF	Haines Company
	CALIFORNIA PHOTOSCULPTURES	Haines Company
	PHOTOSCULPTURES	Haines Company
	SEAWIDE MARINE	Haines Company
	SPECTRUM ATG	Haines Company
	STICKY FINGER	Haines Company
	DESIGNS TKBINTERNATL	Haines Company
	TKB NEWPORT	Haines Company
	MEDICAL	Haines Company
1995	Gordons Antique Service	Pacific Bell
	Seawide Marine Distribution	Pacific Bell
	Foto Art	Pacific Bell
	Foto Art	Pacific Bell
	Mat Factory	Pacific Bell
	Photo Sculptures	Pacific Bell
	Personalized Mailing Inc	Pacific Bell
	Shop The	Pacific Bell
	Crew West Marine Electronics	Pacific Bell
	Reggies Wax Inc	Pacific Bell
	Newport Medical Instruments	Pacific Bell
	Newport Medical Instruments Inc	Pacific Bell
1991	S & A Mfg	Pacific Bell
	Vision Restaurants Inc	Pacific Bell
	Furling & Rigging Corp	Pacific Bell
	Furtof A	Pacific Bell
	Seawlde Marine Distribution	Pacific Bell
	Newport Medical Instruments Inc	Pacific Bell
	Gordons Antique Service	Pacific Bell
	Pacific Hotel & Consulting Corp	Pacific Bell
	South Coast Ferrari Service	Pacific Bell
	Baseballs And More	Pacific Bell
	Personalized Mailing	Pacific Bell
	Ted Cook Tours	Pacific Bell
	Hi Tech German Service	Pacific Bell
	Reggies Wax Inc	Pacific Bell
1986	Orange Coast Doors Inc	Pacific Bell
	Smith H V	Pacific Bell
	Gordons Antique Service	Pacific Bell

FINDINGS

Year	Uses	Source
1986	Creative Ways Inc	Pacific Bell
	Avanti Products Inc	Pacific Bell
	Corporate Offices	Pacific Bell
	Posein Marketing	Pacific Bell
	Dixie Construction Inc	Pacific Bell
	Reggies Cars	Pacific Bell
	Brookes & Gatehouse	Pacific Bell
	blands in The Sun	Pacific Bell
	S & A Mfg	Pacific Bell
	Buzzanca Marine Repair	Pacific Bell
	Seawide Marine Distribution	Pacific Bell
	Newport Medical Instruments Inc	Pacific Bell
	Neaport Nightltfe Limousine Service	Pacific Bell
1980	PYRAMID FE N CE CO IN C	Pacific Telephone
	PYRAMID FE N CE CO IN C	Pacific Telephone
	Rhymes Bruce A	Pacific Telephone
	Urschel Eugene	Pacific Telephone
	Datel Io K	Pacific Telephone
1975	PYRAMID FENCE CO	Luskey Brothers & Co., Inc.
	PYRAMID FENCE CO	Luskey Brothers & Co., Inc.
	Iron Masters	Luskey Brothers & Co., Inc.
1970	Pyramid Fence Co	General Telephone Co., of California
1966	Pyramid Fence Co	Pacific Telephone
	PYRAMID FENCE CO	Pacific Telephone

W 16TL

788 W 16TL

Year	Uses	Source
1995	Anderson Mike	Pacific Bell

west 16th street

Client Entered

775 west 16th street

Year	Uses	Source
2002	OCGINC 949 631 37 B	Haines Company
1995	HILLS GENERATOR SYSTEMS INC	Pacific Bell
	West Coast Panel	Pacific Bell
1991	West Coast Panel	Pacific Bell

FINDINGS

Year	Uses	Source
1991	HILLS GENERATOR SYSTEMS INC	Pacific Bell

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
1560-1570 PLACENTIA AVENUE	2001, 1997, 1992, 1971, 1965, 1961, 1960, 1956, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 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
1511 PLACENTIA AVE N	2013, 2008, 2003, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1525 PLACANTLIA AVE	2013, 2008, 2003, 2002, 2001, 1997, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1525 PLACENTIA AVE	2013, 2008, 2003, 2002, 2001, 1997, 1992, 1971, 1965, 1961, 1960, 1956, 1952, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1525 PLACENTIA AVE	2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1525 SUPERIOR AVE	2013, 2003, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1526 PLACENTIA AVE	2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1526 PLACENTIA AVE	2013, 2008, 2003, 2002, 2001, 1997, 1992, 1991, 1971, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1528 PLACENTIA AVE	2013, 2008, 2003, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1530 PLACENTIA AVE	2013, 2008, 2003, 2001, 1997, 1992, 1971, 1965, 1961, 1960, 1956, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1530 PLACENTIA AVE	2013, 2003, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1532 PLACENTIA AVE	2013, 2008, 2003, 2001, 1997, 1995, 1992, 1991, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1535 Superior Ave	2013, 2008, 2003, 2001, 1997, 1992, 1991, 1971, 1970, 1965, 1961, 1960, 1956, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1537 SUPERIOR AVE	2013, 2008, 2003, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1538 PLACENTIA AVE	2013, 2008, 2003, 2001, 1997, 1992, 1971, 1970, 1965, 1961, 1960, 1956, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1539 SUPERIOR AVE	2013, 2008, 2003, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
1544 Placentia Ave	2013, 2008, 2003, 2001, 1997, 1992, 1986, 1971, 1970, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1544 PLACENTIA AVE	2013, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1545 SUPERIOR AVE	2013, 2008, 2003, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1549 PLACENTIA AVE	2013, 2008, 2003, 2001, 1997, 1992, 1971, 1965, 1961, 1960, 1956, 1952, 1950, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1549 PLACENTIA AVE	2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1555 PLACENTIA AVE	2013, 2008, 2003, 2001, 1997, 1992, 1980, 1971, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1555 SUPERIOR AVE	2013, 2008, 2003, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1557 PLACENTIA AVE	2013, 2008, 2003, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1971, 1970, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1559 Placentia Ave	2013, 2008, 2003, 2001, 1997, 1992, 1986, 1971, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1559 PLACENTIA AVE	2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1571 PLACENTIA AVE	2013, 2008, 2003, 2001, 1997, 1992, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1571 PLACENTIA AVE	2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1573 Placentia Ave	2013, 2008, 2003, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1575 PLACENTIA AVE	2013, 2008, 2003, 2001, 1997, 1995, 1992, 1991, 1986, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1575 PLACENTIA AVE	2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1576 PLACENTIA AVE	2013, 2008, 2003, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1952, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1577 PLACENTIA AVE	2013, 2008, 2003, 2001, 1997, 1992, 1971, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1577 PLACENTIA AVE	2008, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1585 PLACENTIA AVE	2013, 2008, 2003, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1971, 1965, 1961, 1960, 1956, 1952, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1598 PLACENTIA AVE	2013, 2008, 2003, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1965, 1961, 1960, 1956, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1599 PLACENTIA AVE	2013, 2008, 2003, 2001, 1997, 1992, 1991, 1975, 1971, 1965, 1961, 1960, 1956, 1952, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1601 PLACENTIA AVE	2013, 2008, 2003, 2002, 2001, 1997, 1992, 1971, 1965, 1961, 1960, 1956, 1952, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
1601 PLACENTIA AVE	2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1602 PLACENTIA AVE	2008, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1602 PLACENTIA AVE	2013, 2008, 2003, 2002, 2001, 1997, 1992, 1991, 1971, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1604 PLACENTIA AVE	2013, 2008, 2003, 2001, 1997, 1992, 1991, 1980, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1604 PLACENTIA AVE	2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1605 PLACENTIA AVE N	2013, 2008, 2003, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1606 PLACENTIA AVE	2013, 2008, 2003, 2001, 1997, 1992, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1606 PLACENTIA AVE	2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1607 PLACENTIA AVE	2013, 2008, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1607 PLACENTIA AVE	2013, 2008, 2003, 2001, 1997, 1992, 1975, 1971, 1965, 1961, 1960, 1956, 1955, 1952, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1608 PLACENTIA AVE	2013, 2008, 2003, 2001, 1997, 1992, 1980, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1610 PLACENTIA AVE	2013, 2008, 2003, 2001, 1997, 1992, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1610 PLACENTIA AVE	2013, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1611 PLACENTIA AVE N	2013, 2008, 2003, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1612 PLACENTIA AVE	2013, 2008, 2003, 2001, 1997, 1995, 1992, 1991, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
500 SUPERIOR AVE	2013, 2008, 2003, 2002, 2001, 1997, 1992, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
500 SUPERIOR AVE	2003, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
500 SUPERIOR LN	2013, 2008, 2003, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
502 SUPERIOR AVE	2013, 2008, 2003, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
510 SUPERIOR AVE	2003, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
520 SUPERIOR AVE	2003, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
733 W 16TH ST	2013, 2008, 2003, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
759 W 16TH ST	2013, 2008, 2003, 2001, 1997, 1995, 1992, 1980, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
759 W 16TH ST	2013, 2003, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
760 W 16TH	2013, 2008, 2003, 2002, 2001, 1997, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
760 W 16TH ST	2013, 2008, 2003, 2001, 1997, 1992, 1971, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
760 W 16TH ST	2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
760 W 16TH ST	2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
760 W 16TH ST # A	2013, 2008, 2003, 2001, 1997, 1992, 1971, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
761 W 16TH ST	2013, 2008, 2003, 2001, 1997, 1992, 1986, 1980, 1971, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
763 W 16TH ST	2013, 2008, 2003, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1971, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
765 W 16TH ST	2013, 2008, 2003, 2001, 1997, 1992, 1980, 1971, 1965, 1961, 1960, 1956, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
765 W 16TH ST	2003, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
775 W 16TH ST	2008, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
775 W 16TH ST	2013, 2008, 2003, 2001, 1997, 1992, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
775 west 16th street	2013, 2008, 2003, 2001, 1997, 1992, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
776 W 16TH ST	2013, 2008, 2003, 2001, 1997, 1992, 1971, 1970, 1965, 1961, 1960, 1956, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
777 16TH	2013, 2008, 2003, 2002, 2001, 1997, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
777 W 16TH ST	2013, 2008, 2003, 2001, 1997, 1992, 1971, 1965, 1961, 1960, 1956, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
777 W 16TH ST	2013, 2008, 2003, 2001, 1997, 1992, 1971, 1965, 1961, 1960, 1956, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
777 W 16TH ST	2008, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
779 W 16TH ST	2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
779 W 16TH ST	2013, 2008, 2003, 2001, 1997, 1995, 1992, 1991, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
782 16TH	2013, 2008, 2003, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
785 W 16TH ST	2013, 2008, 2003, 2001, 1997, 1995, 1992, 1991, 1986, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
785 W 16TH ST	2008, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
787 W 16TH ST	2013, 2008, 2003, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1971, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
787 W 16TH ST	2013, 2003, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
788 W 16TH ST	2013, 2008, 2003, 2001, 1997, 1992, 1971, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
788 W 16TH ST	2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
788 W 16TL	2013, 2008, 2003, 2002, 2001, 1997, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
789 W 16TH ST	2013, 2008, 2003, 2001, 1997, 1995, 1992, 1991, 1986, 1971, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
789 W 16TH ST	2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
797 W 16TH ST	2013, 2008, 2003, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
800 PRODUCTION PL	2013, 2008, 2003, 2001, 1997, 1992, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
801 16TH ST	2013, 2008, 2003, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
801 E 16TH ST	2013, 2008, 2003, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
802 E 16TH ST	2013, 2008, 2003, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
806 E 16TH ST	2013, 2008, 2003, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
807 E 16TH ST	2013, 2008, 2003, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
808 W 16TH ST	2013, 2008, 2003, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
810 E 16TH ST	2013, 2008, 2003, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
810 PRODUCTION PL	2013, 2008, 2003, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
810 PRODUCTION PL	2003, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
814 E 16TH ST	2013, 2008, 2003, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
814 W 16TH	2013, 2008, 2003, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
814 W 16TH ST	2013, 2008, 2003, 2001, 1997, 1995, 1992, 1991, 1971, 1965, 1961, 1960, 1956, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
814 W 16TH ST	2013, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
816 PRODUCTION PL	2013, 2008, 2003, 2001, 1997, 1995, 1992, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
816 W 16TH ST	2013, 2008, 2003, 2001, 1997, 1992, 1975, 1971, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
816 W 16TH ST	2013, 2008, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
817 16TH	2013, 2008, 2003, 2002, 2001, 1997, 1992, 1986, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
817 16TH ST	2013, 2008, 2003, 2002, 2001, 1997, 1995, 1992, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
817 6TH ST W	2013, 2008, 2003, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
817 PRODUCTION PL	2013, 2008, 2003, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
817 W 16TH ST	2013, 2008, 2003, 2001, 1997, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
817 W 16TH ST	2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
818 W 16TH ST	2013, 2008, 2003, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
819 16TH	2013, 2008, 2003, 2002, 2001, 1997, 1995, 1992, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
819 16TH ST	2013, 2008, 2003, 2002, 2001, 1997, 1995, 1992, 1986, 1980, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
819 E 16TH ST	2013, 2008, 2003, 2002, 2001, 1997, 1995, 1992, 1991, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
819 W 16TH ST	2013, 2008, 2003, 2001, 1997, 1995, 1992, 1991, 1986, 1975, 1971, 1970, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
819 W 16TH ST	2013, 2008, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
820 W 16TH ST	2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
820 W 16TH ST	2013, 2008, 2003, 2001, 1997, 1992, 1971, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
821 16TH	2013, 2008, 2003, 2002, 2001, 1997, 1995, 1992, 1986, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
821 16TH ST	2013, 2008, 2003, 2002, 2001, 1997, 1995, 1992, 1991, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
821 W 16TH ST	2013, 2008, 2003, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
821 W 16TH ST	2013, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
822 E 16TH ST	2013, 2008, 2003, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
822 PRODUCTION PL	2013, 2008, 2003, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
822 PRODUCTION PL	2008, 2003, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
823 16TH ST	2013, 2008, 2003, 2002, 2001, 1997, 1995, 1992, 1986, 1980, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
823 W 16TH NB	2013, 2008, 2003, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
823 W 16TH ST	2013, 2008, 2003, 2001, 1997, 1992, 1991, 1980, 1975, 1971, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
823 W 16TH ST	2013, 2003, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
824 E 16TH ST	2013, 2008, 2003, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
825 16TH	2013, 2008, 2003, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
825 16TH ST	2013, 2008, 2003, 2002, 2001, 1997, 1992, 1986, 1980, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
825 W 16TH ST	2013, 2008, 2003, 2001, 1997, 1995, 1992, 1980, 1971, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
825 W 16TH ST	2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
826 E 16TH ST	2013, 2008, 2003, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
828 PRODUCTION PL	2013, 2008, 2003, 2001, 1997, 1992, 1986, 1971, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
828 PRODUCTION PL	2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
829 PRODUCTION PL	2008, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
829 PRODUCTION PL	2013, 2008, 2003, 2001, 1997, 1992, 1971, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
831 PRODUCTION PL	2013, 2008, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
834 PRODUCTION PL	2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
834 PRODUCTION PL	2013, 2008, 2003, 2001, 1997, 1992, 1971, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
835 PRODUCTION PL	2013, 2008, 2003, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
840 PRODUCTION PL	2013, 2008, 2003, 2001, 1997, 1995, 1992, 1991, 1971, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
840 PRODUCTION PL	2003, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
841 PRODUCTION PL	2013, 2008, 2003, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1971, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

PA2014-110

EBB TIDE MOBILE HOME PARK
1560-1570 PLACENTIA AVENUE
Costa Mesa, CA 92627

Inquiry Number: 3830898.7
January 20, 2014

EDR Environmental Lien and AUL Search

Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
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EDR Environmental Lien and AUL Search

The EDR Environmental Lien and AUL Search Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

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- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' offices, registries of deeds, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or cite documents reviewed.

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EDR Environmental Lien and AUL Search

TARGET PROPERTY INFORMATION

ADDRESS

1560-1570 PLACENTIA AVENUE
EBB TIDE MOBILE HOME PARK
Costa Mesa, CA 92627

RESEARCH SOURCE

Source 1:

Orange County Clerk
Orange, CA

PROPERTY INFORMATION

Deed 1:

Type of Deed:	Grant Deed
Title is vested in:	The Totah Family Partnership
Title received from:	Raymond P Totah and B Marie Totah
Deed Dated	12/22/2000
Deed Recorded:	12/29/2000
Book:	NA
Page:	NA
Volume:	NA
Instrument:	20000712734
Docket:	NA
Land Record Comments:	
Miscellaneous Comments:	
Legal Description:	See Exhibit
Legal Current Owner:	The Totah Family Partnership
Parcel # / Property Identifier:	424-131-18
Comments:	See Exhibit

ENVIRONMENTAL LIEN

Environmental Lien: Found ☐ Not Found ☒

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

AULs: Found ☐ Not Found ☒

Deed Exhibit 1

PA2014-110

48

RECORDING REQUESTED BY:

FREEMAN, FREEMAN & SMILEY
A Limited Liability Partnership Including Law Corporations

AND WHEN RECORDED MAIL TO:

RAYMOND AND B. MARIE TOTAH
27592 ESCUNA
MISSION VIEJO, CA 92692

MAIL TAX STATEMENTS TO:

RAYMOND AND B. MARIE TOTAH
27592 ESCUNA
MISSION VIEJO, CA 92692

Recorded in Official Records, County of Orange
Gary Granville, Clerk-Recorder

8.00
20000712734 04:30pm 12/29/00
102 48 D10 2
0.00 0.00 0.00 0.00 2.00 0.00 0.00 0.00

IT
2P
LCF

GRANT DEED

Assessor's Parcel No. 424-131-18

The undersigned grantors declare:

Documentary transfer tax is $-0-. The grantors and grantees in this conveyance are comprised of the same parties who continue to hold the same proportionate interest in the property, R&T 11923(d).

FOR VALUABLE CONSIDERATION, receipt of which is hereby acknowledged,

RAYMOND P. TOTAH and B. MARIE TOTAH

hereby GRANT to

THE TOTAH FAMILY PARTNERSHIP, a California Limited Partnership, all of grantors' right, title and interest, in and to

the following described real property in the City of Newport Beach, County of Orange, State of California:

See legal description attached hereto as Exhibit "A" and made a part hereof.

Commonly known as 1560 Placentia Avenue #A, Newport Beach, California.

This conveyance is exempt from reassessment pursuant to R&T Section 62(a)(2).

Dated: December 22, 2000

Raymond P. Totah
RAYMOND P. TOTAH

B Marie Totah
B. MARIE TOTAH

STATE OF CALIFORNIA)
) ss.
COUNTY OF Orange)

On Dec. 22, 2000, before me, Laura Karpman, Notary Public, personally appeared RAYMOND P. TOTAH and B. MARIE TOTAH, personally known to me or proved to me on the basis of satisfactory evidence to be the persons whose names are subscribed to the within instrument and acknowledged to me that they executed the same in their authorized capacities, and that by their signatures on the instrument, the persons, or the entity upon behalf of which the persons acted, executed the instrument.

WITNESS my hand and official seal.

Laura Karpman
Comm. #1128792
NOTARY PUBLIC CALIFORNIA
ORANGE COUNTY
Comm. Exp. April 26, 2001

Laura K
NOTARY PUBLIC

283392.1
14885.260

Exhibit "A"
Legal Description

Lot 714 of First Addition of Newport Mesa Tract, as shown on a map thereof recorded in Book 8, page 61 of Miscellaneous Maps, records of Orange County, California.

EXCEPT one-half of all oil or other hydrocarbon substances, as granted to Hazel S. Gregg, by deed recorded July 14, 1953 in Book 2537, page 609, Official Records.

ALSO EXCEPT one-quarter of all oil or other hydrocarbon substances as reserved in the deed from Frank Stem and Sidonia Stem, husband and wife, recorded September 10, 1959, in Book 4873, page 433, Official Records.

ALSO EXCEPT the Westerly 10 feet of said land as condemned by the City of Newport Beach under Superior Court Case No. 203614.

Appendix D:

REGULATORY RECORDS

EBB TIDE MOBILE HOME PARK
1560-1570 PLACENTIA AVENUE
Costa Mesa, CA 92627

Inquiry Number: 3830898.2s
January 14, 2014

The EDR Radius Map™ Report with GeoCheck®

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION	PAGE
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	8
Orphan Summary	310
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting SSURGO Soil Map	A-6
Physical Setting Source Map	A-19
Physical Setting Source Map Findings	A-21
Physical Setting Source Records Searched	A-12

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

1560-1570 PLACENTIA AVENUE
COSTA MESA, CA 92627

COORDINATES

Latitude (North):	33.6311000 - 33° 37' 51.96''
Longitude (West):	117.9314000 - 117° 55' 53.04''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	413613.8
UTM Y (Meters):	3721450.0
Elevation:	105 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	33117-F8 NEWPORT BEACH (DIGITAL), CA
Most Recent Revision:	0
South Map:	33117-E8 NEWPORT BEACH OE S, CA
Most Recent Revision:	1981

AERIAL PHOTOGRAPHY IN THIS REPORT

Photo Year:	2012
Source:	USDA

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

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

EXECUTIVE SUMMARY

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

Federal RCRA generators list

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

Federal institutional controls / engineering controls registries

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

Federal ERNS list

ERNS ..... Emergency Response Notification System

State and tribal leaking storage tank lists

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

State and tribal registered storage tank lists

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

State and tribal voluntary cleanup sites

INDIAN VCP ..... Voluntary Cleanup Priority Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

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

Local Lists of Hazardous waste / Contaminated Sites

US CDL ..... Clandestine Drug Labs

EXECUTIVE SUMMARY

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

Local Land Records

LIENS 2	CERCLA Lien Information
LIENS	Environmental Liens Listing

Records of Emergency Release Reports

HMIRS	Hazardous Materials Information Reporting System
CHMIRS	California Hazardous Material Incident Report System
LDS	Land Disposal Sites Listing
MCS	Military Cleanup Sites Listing
Orange Co. Industrial Site	List of Industrial Site Cleanups
SPILLS 90	SPILLS 90 data from FirstSearch

Other Ascertainable Records

DOT OPS	Incident and Accident Data
DOD	Department of Defense Sites
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
US MINES	Mines Master Index File
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
RADINFO	Radiation Information Database
FINDS	Facility Index System/Facility Registry System
RAATS	RCRA Administrative Action Tracking System
RMP	Risk Management Plans
CA BOND EXP. PLAN	Bond Expenditure Plan
NPDES	NPDES Permits Listing
UIC	UIC Listing
CUPA Listings	CUPA Resources List
Notify 65	Proposition 65 Records
WIP	Well Investigation Program Case List
ENF	Enforcement Action Listing
HAZNET	Facility and Manifest Data
EMI	Emissions Inventory Data
INDIAN RESERV	Indian Reservations
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
WDS	Waste Discharge System
PRP	Potentially Responsible Parties
US AIRS	Aerometric Information Retrieval System Facility Subsystem

EXECUTIVE SUMMARY

LEAD SMELTERS ---------- Lead Smelter Sites
Financial Assurance ---------- Financial Assurance Information Listing
HWT ---------- Registered Hazardous Waste Transporter Database
US FIN ASSUR ---------- Financial Assurance Information
COAL ASH DOE ---------- Steam-Electric Plant Operation Data
MWMP ---------- Medical Waste Management Program Listing
PROC ---------- Certified Processors Database
COAL ASH EPA ---------- Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER ---------- PCB Transformer Registration Database
EPA WATCH LIST ---------- EPA WATCH LIST

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP ---------- EDR Proprietary Manufactured Gas Plants

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS list

CERCLIS: The Comprehensive Environmental Response, Compensation and Liability Information System 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.

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

Lower Elevation	Address	Direction / Distance	Map ID	Page
HARTMAN ENTERPRISES	741 OHMS WAY	NE 1/8 - 1/4 (0.218 mi.)	K54	140

EXECUTIVE SUMMARY

Federal CERCLIS NFRAP site List

CERC-NFRAP: Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

A review of the CERC-NFRAP list, as provided by EDR, and dated 04/26/2013 has revealed that there are 3 CERC-NFRAP sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HIXSON METAL FINISHING FIRE	829 PRODUCTION PLACE	W 0 - 1/8 (0.099 mi.)	B8	15

Lower Elevation	Address	Direction / Distance	Map ID	Page
NEWPORT HEALTH CENTER LLC	***500 SUPERIOR AVE***	***ESE 1/8 - 1/4 (0.130 mi.)***	***D18***	***40***
NEWPORT BEACH CORPORATE YARD	592 SUPERIOR AVENUE	E 1/8 - 1/4 (0.154 mi.)	G33	99

Federal RCRA CORRACTS facilities list

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 09/10/2013 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
NEWPORT HEALTH CENTER LLC	***500 SUPERIOR AVE***	***ESE 1/8 - 1/4 (0.130 mi.)***	***D18***	***40***

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: 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.

A review of the RCRA-TSDF list, as provided by EDR, and dated 09/10/2013 has revealed that there is 1 RCRA-TSDF site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
NEWPORT HEALTH CENTER LLC	***500 SUPERIOR AVE***	***ESE 1/8 - 1/4 (0.130 mi.)***	***D18***	***40***

EXECUTIVE SUMMARY

Federal RCRA generators list

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

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

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HIXSON METAL FINISHING	***829 PRODUCTION PL***	***W 0 - 1/8 (0.099 mi.)***	***B9***	***16***
RESINART CORPORATION	1621 PLACENTIA AVE	N 1/8 - 1/4 (0.154 mi.)	F29	89
RESINART CORPORATION	***1621 PLACENTIA AVE***	***N 1/8 - 1/4 (0.163 mi.)***	***F37***	***113***

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 09/10/2013 has revealed that there are 11 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CAMERA READY CARS	***1577 PLACENTIA AVE***	***NNW 0 - 1/8 (0.048 mi.)***	***2***	***8***
CRITERION MACHINE WORKS	***765 W SIXTEENTH ST***	***NNE 0 - 1/8 (0.111 mi.)***	***11***	***32***
AUTO COSMETIC INC	***825 W 16TH ST***	***NW 1/8 - 1/4 (0.131 mi.)***	***E20***	***78***
BRUCE STRICKLAND PAINTING	***833 W 16TH ST***	***NW 1/8 - 1/4 (0.146 mi.)***	***E25***	***83***
CRYSTALINER CORPORATION	***1626 PLACENTIA AVENUE***	***N 1/8 - 1/4 (0.167 mi.)***	***F38***	***117***
AERO DESIGN PRODUCTS, INC	***845 W 16TH ST***	***WNW 1/8 - 1/4 (0.170 mi.)***	***41***	***121***
NISSAN TOYOTA SERVICE	***1638 PLACENTIA UNIT D***	***N 1/8 - 1/4 (0.196 mi.)***	***I49***	***133***
PENNYSAVER	***1660 PLACENTIA AVENUE***	***N 1/8 - 1/4 (0.249 mi.)***	***L67***	***154***
Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
NEWPORT HEALTH CENTER LLC	***500 SUPERIOR AVE***	***ESE 1/8 - 1/4 (0.130 mi.)***	***D18***	***40***
ROBIN MILLER CLASSIC	***724 W 16TH ST***	***NE 1/8 - 1/4 (0.177 mi.)***	***H43***	***126***
CHIC CLEANERS	***1495 SUPERIOR AVE***	***S 1/8 - 1/4 (0.207 mi.)***	***J52***	***136***

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 11/06/2013 has revealed that there are 5 RESPONSE sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
COSTA MESA SITE DISCOVERY PROJ	***AREA BOUNDED BY MONROV***	***WNW 1/4 - 1/2 (0.354 mi.)***	***82***	***188***

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PRECISION OPTICAL	*869 W 17TH ST*	*NNW 1/4 - 1/2 (0.396 mi.)*	*S93*	*247*
MAURER MARINE INC.	*873 WEST 17TH STREET*	*NNW 1/4 - 1/2 (0.402 mi.)*	*S94*	*262*
SOUTHERN CALIFORNIA EDISON LAF	*1680 MONROVIA AVENUE*	*NW 1/4 - 1/2 (0.409 mi.)*	*95*	*270*

Lower Elevation	Address	Direction / Distance	Map ID	Page
GRISWOLD INDUSTRIES CLA-VAL CO	*1701 PLACENTIA AVENUE*	*N 1/4 - 1/2 (0.359 mi.)*	*O85*	*208*

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 11/06/2013 has revealed that there are 21 ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HIXSON METAL FINISHING Status: Active	*829 PRODUCTION PL*	*W 0 - 1/8 (0.099 mi.)*	*B9*	*16*
FORMER EATON CORPORATION Status: Active Status: Inactive - Needs Evaluation	*1640 MONROVIA AVE*	*NW 1/4 - 1/2 (0.354 mi.)*	*81*	*181*
COSTA MESA SITE DISCOVERY PROJ Status: No Further Action	*AREA BOUNDED BY MONROV*	*NNW 1/4 - 1/2 (0.354 mi.)*	*82*	*188*
PRECISION OPTICAL Status: Active	*869 W 17TH ST*	*NNW 1/4 - 1/2 (0.396 mi.)*	*S93*	*247*
MAURER MARINE INC. Status: Active	*873 WEST 17TH STREET*	*NNW 1/4 - 1/2 (0.402 mi.)*	*S94*	*262*
SOUTHERN CALIFORNIA EDISON LAF Status: Active	*1680 MONROVIA AVENUE*	*NW 1/4 - 1/2 (0.409 mi.)*	*95*	*270*
AMETEK AEROSPACE, INC. Status: Inactive - Needs Evaluation	*1644 WHITTIER AVENUE*	*WNW 1/2 - 1 (0.592 mi.)*	*101*	*289*
RAILMAKERS, INC. Status: Inactive - Needs Evaluation	*864 W. 18TH STREET*	*NNW 1/2 - 1 (0.624 mi.)*	*102*	*295*

Lower Elevation	Address	Direction / Distance	Map ID	Page
HUGHES AIRCRAFT COMPANY Status: Refer: RCRA Status: Refer: RWQCB	*500 SUPERIOR AVE*	*ESE 1/8 - 1/4 (0.130 mi.)*	*D19*	*61*
NEWPORT BEACH CORPORATE YARD Status: Refer: RWQCB	*592 SUPERIOR AVENUE*	*E 1/8 - 1/4 (0.154 mi.)*	*G31*	*91*

EXECUTIVE SUMMARY

Lower Elevation	Address	Direction / Distance	Map ID	Page
HARTMAN ENTERPRISES Status: Inactive - Needs Evaluation	***741 OHMS WAY***	***NE 1/8 - 1/4 (0.218 mi.)***	***K55***	***142***
GRISWOLD INDUSTRIES CLA-VAL CO Status: Active Status: Inactive - Needs Evaluation	***1701 PLACENTIA AVENUE***	***N 1/4 - 1/2 (0.359 mi.)***	***O85***	***208***
HOAG MEMORIAL HOSPITAL PRESBYT Status: Inactive - Needs Evaluation	***1 HOAG DR***	***S 1/4 - 1/2 (0.369 mi.)***	***90***	***221***
DRY CLEAN 4 LESS Status: Refer: 1248 Local Agency	***1704 NEWPORT BLVD***	***NE 1/2 - 1 (0.720 mi.)***	***103***	***296***
CALIFORNIA EXPLORATION COMPANY Status: Refer: RWQCB	***18TH & WHITTIER AVENUE***	***NW 1/2 - 1 (0.794 mi.)***	***104***	***300***
SOUTH BASIN OIL COMPANY Status: Refer: Other Agency	204/206 43RD STREET	SSW 1/2 - 1 (0.823 mi.)	105	301
ORANGE COUNTY REFINING CO. WEL Status: Refer: Local Agency	***213 42ND ST.***	***SSW 1/2 - 1 (0.838 mi.)***	***106***	***302***
NORGE CLEANERS (HILGREN SQUARE Status: Refer: 1248 Local Agency	270 EAST 17TH STREET, S	ENE 1/2 - 1 (0.887 mi.)	107	303
LIDO CLEANERS(FORMER) Status: Refer: 1248 Local Agency	***3424 VIA LIDO***	***S 1/2 - 1 (0.903 mi.)***	***108***	***304***
LEADERSHIP HOUSING SYSTEMS Status: Refer: RWQCB	***19TH & WHITTIER AVE.***	***NNW 1/2 - 1 (0.994 mi.)***	***109***	***306***
NEWPORT BCH FCS Status: Inactive - Needs Evaluation		ESE 1/2 - 1 (0.997 mi.)	U111	308

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 11/18/2013 has revealed that there is 1 SWF/LF site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
NEWPORT BEACH CORP YARD	***592 SUPERIOR AVE***	***E 1/8 - 1/4 (0.154 mi.)***	***G35***	***101***

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 12/16/2013 has revealed that there are 22

EXECUTIVE SUMMARY

LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HURLBERT ENTERPRISES	***1621 PLACENTIA AVE***	***N 1/8 - 1/4 (0.154 mi.)***	***F27***	***85***
Status: Completed - Case Closed				
HURLBERT ENTERPRISES	***1621 PLACENTIA AVE***	***N 1/8 - 1/4 (0.154 mi.)***	***F28***	***87***
PENNYSAVER	***1660 PLACENTIA AVENUE***	***N 1/8 - 1/4 (0.249 mi.)***	***L67***	***154***
Status: Completed - Case Closed				
THE BOAT YARD	***1672 PLACENTIA AVE***	***N 1/4 - 1/2 (0.277 mi.)***	***M74***	***164***
Status: Completed - Case Closed				
PERMALITE PLASTICS CORP	***1537 MONROVIA AVE***	***WSW 1/4 - 1/2 (0.281 mi.)***	***77***	***171***
Status: Completed - Case Closed				
ALANAR CORPORATION	***1697 PLACENTIA***	***N 1/4 - 1/2 (0.335 mi.)***	***O79***	***178***
Status: Completed - Case Closed				
VANCE & ASSOCIATES ROOFING INC	***837 17TH***	***NNW 1/4 - 1/2 (0.363 mi.)***	***P87***	***215***
Status: Completed - Case Closed				

Lower Elevation	Address	Direction / Distance	Map ID	Page
NEWPORT HEALTH CENTER LLC	***500 SUPERIOR AVE***	***ESE 1/8 - 1/4 (0.130 mi.)***	***D18***	***40***
HUGHES AIRCRAFT COMPANY	***500 SUPERIOR AVE***	***ESE 1/8 - 1/4 (0.130 mi.)***	***D19***	***61***
Status: Completed - Case Closed				
Status: Open - Verification Monitoring				
NEWPORT BEACH CORPORATE YARD	***592 SUPERIOR AVENUE***	***E 1/8 - 1/4 (0.154 mi.)***	***G31***	***91***
Status: Completed - Case Closed				
NEWPORT BEACH CORP YARD	***592 SUPERIOR AVE***	***E 1/8 - 1/4 (0.154 mi.)***	***G35***	***101***
Not reported	***592 SUPERIOR AVENUE***	***E 1/8 - 1/4 (0.154 mi.)***	***G36***	***106***
SMITH AND SONS PROPERTIES	***735 OHMS WAY***	***NE 1/8 - 1/4 (0.221 mi.)***	***K57***	***144***
Status: Completed - Case Closed				
FORD'S AUTOMOTIVE	***705 OHMS WAY***	***NE 1/8 - 1/4 (0.238 mi.)***	***K63***	***149***
Status: Completed - Case Closed				
JIM LEE PLUMBING	***1540 SUPERIOR***	***ENE 1/4 - 1/2 (0.264 mi.)***	***72***	***161***
Status: Completed - Case Closed				
NEWPORT AUTOWORKS	***121 INDUSTRIAL***	***ENE 1/4 - 1/2 (0.280 mi.)***	***N75***	***167***
Status: Completed - Case Closed				
CLA-VAL	1701 PLACENTIA	N 1/4 - 1/2 (0.359 mi.)	O84	206
GRISWOLD INDUSTRIES CLA-VAL CO	***1701 PLACENTIA AVENUE***	***N 1/4 - 1/2 (0.359 mi.)***	***O85***	***208***
Status: Completed - Case Closed				
RALPH IRWIN SITE (FORMER A & G	***488 OLD NEWPORT BLVD***	***ESE 1/4 - 1/2 (0.366 mi.)***	***Q89***	***218***
Status: Completed - Case Closed				
WEBER FAMILY TRUST	***1640 SUPERIOR AVE***	***ENE 1/4 - 1/2 (0.394 mi.)***	***R92***	***243***
Status: Completed - Case Closed				
ARGO TECH CORP COSTA MESA	***671 W 17TH ST***	***NE 1/4 - 1/2 (0.453 mi.)***	***T98***	***275***
Status: Open - Eligible for Closure				
J.C. CARTER CO., INC	***671***	***NE 1/4 - 1/2 (0.453 mi.)***	***T100***	***288***

EXECUTIVE SUMMARY

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

A review of the SLIC list, as provided by EDR, and dated 10/16/2013 has revealed that there are 3 SLIC sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HIXSON METAL FINISHING	***829 PRODUCTION PL***	***W 0 - 1/8 (0.099 mi.)***	***B7***	***12***
HIXSON METAL FINISHING	***829 PRODUCTION PL***	***W 0 - 1/8 (0.099 mi.)***	***B9***	***16***
Facility Status: Completed - Case Closed				

Lower Elevation	Address	Direction / Distance	Map ID	Page
HUGHES AIRCRAFT COMPANY	***500 SUPERIOR AVE***	***ESE 1/8 - 1/4 (0.130 mi.)***	***D19***	***61***
Facility Status: Open - Remediation				

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 12/16/2013 has revealed that there are 12 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HIXSON METAL FINISHING	***829 PRODUCTION PL***	***W 0 - 1/8 (0.099 mi.)***	***B9***	***16***
PRIME PROPERTIES	833 W 16TH ST	NW 1/8 - 1/4 (0.146 mi.)	E24	82
HURLBERT ENTERPRISES	***1621 PLACENTIA AVE***	***N 1/8 - 1/4 (0.154 mi.)***	***F28***	***87***
MAC GREGOR YATCH CORP	***1631 PLACENTIA AVE***	***N 1/8 - 1/4 (0.178 mi.)***	***I46***	***128***
HC VAN AUSDELN PUBLSH-PENNYSVR	***1660 PLACENTIA AVE***	***N 1/8 - 1/4 (0.249 mi.)***	***L69***	***159***

Lower Elevation	Address	Direction / Distance	Map ID	Page
MESA DEVELOPMENT CO	1530 PLACENTIA AVE	SSW 0 - 1/8 (0.067 mi.)	3	11
HUGHES AIRCRAFT COMPANY	***500 SUPERIOR AVE***	***ESE 1/8 - 1/4 (0.130 mi.)***	***D19***	***61***
NEWPORT BEACH CORP YARD	***592 SUPERIOR AVE***	***E 1/8 - 1/4 (0.154 mi.)***	***G35***	***101***
RODENBECK IMPORT SERVICE	728 W 16TH ST	NE 1/8 - 1/4 (0.169 mi.)	H39	120
SMITH & SONS PROPERTIES	735 OHMS WAY	NE 1/8 - 1/4 (0.221 mi.)	K58	147
STRASSE AUTOMOTIVE INC	729 OHMS WAY	NE 1/8 - 1/4 (0.222 mi.)	K59	147
FORDS AUTOMOTIVE SERVICE	705 OHMS WAY	NE 1/8 - 1/4 (0.238 mi.)	K62	149

State and tribal voluntary cleanup sites

VCP: 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.

A review of the VCP list, as provided by EDR, and dated 11/06/2013 has revealed that there is 1 VCP site within approximately 0.5 miles of the target property.

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FORMER EATON CORPORATION	***1640 MONROVIA AVE***	***NW 1/4 - 1/2 (0.354 mi.)***	***81***	***181***

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: The Waste Management Unit Database System is used for program tracking and inventory of waste management units. The source is the State Water Resources Control Board.

A review of the WMUDS/SWAT list, as provided by EDR, and dated 04/01/2000 has revealed that there are 2 WMUDS/SWAT sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
NEWPORT BEACH CITY LANDFILL	DANA RD & FLAGSHIP RD	SE 1/8 - 1/4 (0.243 mi.)	66	153
ENTIN METALS NO. 2	1701 POMONA	NNE 1/4 - 1/2 (0.412 mi.)	96	274

Local Lists of Registered Storage Tanks

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

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there are 4 CA FID UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HIXSON METAL FINISHING	***829 PRODUCTION PL***	***W 0 - 1/8 (0.099 mi.)***	***B9***	***16***
HC VAN AUSDELN PUBLSH-PENNYSVR	1660 PLACENTIA AVE	N 1/8 - 1/4 (0.249 mi.)	L71	160

Lower Elevation	Address	Direction / Distance	Map ID	Page
HUGHES AIRCRAFT COMPANY	500 SUPERIOR AVE	ESE 1/8 - 1/4 (0.130 mi.)	D17	40
NEWPORT BEACH CORP YARD	***592 SUPERIOR AVE***	***E 1/8 - 1/4 (0.154 mi.)***	***G32***	***99***

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

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HIXSON METAL FINISHING	***829 PRODUCTION PL***	***W 0 - 1/8 (0.099 mi.)***	***B9***	***16***
FLEXIBLE METAL HOSE	***833 W 16TH ST***	***NW 1/8 - 1/4 (0.146 mi.)***	***E23***	***81***
MACGREGOR YACHT CORP	***1631 PLACENTIA AVE***	***N 1/8 - 1/4 (0.178 mi.)***	***I44***	***127***
H.C. VAN AUSDELN, INC.	1660 PLACENTIA AVE	N 1/8 - 1/4 (0.249 mi.)	L70	160

Lower Elevation	Address	Direction / Distance	Map ID	Page
SOLID STATE PRODUCTS DIVISION	***500 SUPERIOR AVE***	***ESE 1/8 - 1/4 (0.130 mi.)***	***D16***	***35***
CORPORATION YARD	592 SUPERIOR AVE	E 1/8 - 1/4 (0.154 mi.)	G34	100

EXECUTIVE SUMMARY

Lower Elevation	Address	Direction / Distance	Map ID	Page
1601 HIGHLAND DR.	722 OHMS WAY	NE 1/8 - 1/4 (0.229 mi.)	K61	149

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

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 4 SWEEPS UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HIXSON METAL FINISHING	***829 PRODUCTION PL***	***W 0 - 1/8 (0.099 mi.)***	***B9***	***16***
HC VAN AUSDELN PUBLSH-PENNYSVR	***1660 PLACENTIA AVE***	***N 1/8 - 1/4 (0.249 mi.)***	***L69***	***159***

Lower Elevation	Address	Direction / Distance	Map ID	Page
HUGHES AIRCRAFT COMPANY	500 SUPERIOR AVE	ESE 1/8 - 1/4 (0.130 mi.)	D15	35
NEWPORT BEACH CORP YARD	***592 SUPERIOR AVE***	***E 1/8 - 1/4 (0.154 mi.)***	***G35***	***101***

Local Land Records

DEED: The use of recorded land use restrictions is one of the methods the DTSC uses to protect the public from unsafe exposures to hazardous substances and wastes .

A review of the DEED list, as provided by EDR, and dated 12/09/2013 has revealed that there is 1 DEED site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FORMER EATON CORPORATION	***1640 MONROVIA AVE***	***NW 1/4 - 1/2 (0.354 mi.)***	***81***	***181***

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 09/10/2013 has revealed that there is 1 RCRA NonGen / NLR site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
APPLIED ENVIRONMENTAL TECH INC	***729 W16TH ST***	***NE 1/8 - 1/4 (0.144 mi.)***	***22***	***80***

EXECUTIVE SUMMARY

FUDS: The Listing includes locations of Formerly Used Defense Sites Properties where the US Army Corps Of Engineers is actively working or will take necessary cleanup actions.

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

Lower Elevation	Address	Direction / Distance	Map ID	Page
NEWPORT BEACH FCS		ESE 1/2 - 1 (0.995 mi.)	U110	308

Cortese: The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

A review of the Cortese list, as provided by EDR, and dated 09/30/2013 has revealed that there are 5 Cortese sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PRECISION OPTICAL	*869 W 17TH ST*	*NNW 1/4 - 1/2 (0.396 mi.)*	*S93*	*247*
MAURER MARINE INC.	*873 WEST 17TH STREET*	*NNW 1/4 - 1/2 (0.402 mi.)*	*S94*	*262*
SOUTHERN CALIFORNIA EDISON LAF	*1680 MONROVIA AVENUE*	*NW 1/4 - 1/2 (0.409 mi.)*	*95*	*270*

Lower Elevation	Address	Direction / Distance	Map ID	Page
GRISWOLD INDUSTRIES CLA-VAL CO	*1701 PLACENTIA AVENUE*	*N 1/4 - 1/2 (0.359 mi.)*	*O85*	*208*
GW CLEANUP-C.M.,17TH ST	*671 W. SEVENTEENTH ST*	*NE 1/4 - 1/2 (0.453 mi.)*	*T99*	*286*

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 14 HIST CORTESE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HURLBERT ENTERPRISES	*1621 PLACENTIA AVE*	*N 1/8 - 1/4 (0.154 mi.)*	*F27*	*85*
PENNYSAVER	*1660 PLACENTIA AVENUE*	*N 1/8 - 1/4 (0.249 mi.)*	*L67*	*154*
THE BOAT YARD	*1672 PLACENTIA AVE*	*N 1/4 - 1/2 (0.277 mi.)*	*M74*	*164*
PERMALITE PLASTICS CORP	*1537 MONROVIA AVE*	*WSW 1/4 - 1/2 (0.281 mi.)*	*77*	*171*
ALANAR CORPORATION	*1697 PLACENTIA*	*N 1/4 - 1/2 (0.335 mi.)*	*O79*	*178*
VANCE & ASSOCIATES ROOFING INC	*837 17TH*	*NNW 1/4 - 1/2 (0.363 mi.)*	*P87*	*215*

Lower Elevation	Address	Direction / Distance	Map ID	Page
NEWPORT BEACH CORP YARD	*592 SUPERIOR AVE*	*E 1/8 - 1/4 (0.154 mi.)*	*G32*	*99*
Not reported	*592 SUPERIOR AVENUE*	*E 1/8 - 1/4 (0.154 mi.)*	*G36*	*106*
HARTMAN ENTERPRISES	*741 OHMS WAY*	*NE 1/8 - 1/4 (0.218 mi.)*	*K55*	*142*
SMITH AND SONS PROPERTIES	*735 OHMS WAY*	*NE 1/8 - 1/4 (0.221 mi.)*	*K57*	*144*
FORD'S AUTOMOTIVE	*705 OHMS WAY*	*NE 1/8 - 1/4 (0.238 mi.)*	*K63*	*149*
NEWPORT AUTOWORKS	*121 INDUSTRIAL*	*ENE 1/4 - 1/2 (0.280 mi.)*	*N75*	*167*
GRISWOLD INDUSTRIES	*1701 PLACENTIA AVENUE*	*N 1/4 - 1/2 (0.359 mi.)*	*O83*	*199*
J.C. CARTER CO., INC	*671*	*NE 1/4 - 1/2 (0.453 mi.)*	*T100*	*288*

EXECUTIVE SUMMARY

DRYCLEANERS: A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaners' agents; linen supply; coin-operated laundries and cleaning; drycleaning plants except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

A review of the DRYCLEANERS list, as provided by EDR, and dated 09/10/2013 has revealed that there is 1 DRYCLEANERS site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CHIC CLEANERS	*1495 SUPERIOR AVE*	*S 1/8 - 1/4 (0.207 mi.)*	*J52*	*136*

2020 COR ACTION: 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.

A review of the 2020 COR ACTION list, as provided by EDR, and dated 11/11/2011 has revealed that there is 1 2020 COR ACTION site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
NEWPORT HEALTH CENTER LLC	*500 SUPERIOR AVE*	*ESE 1/8 - 1/4 (0.130 mi.)*	*D18*	*40*

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

A review of the HWP list, as provided by EDR, and dated 11/25/2013 has revealed that there is 1 HWP site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
NEWPORT HEALTH CENTER LLC	*500 SUPERIOR AVE*	*ESE 1/8 - 1/4 (0.130 mi.)*	*D18*	*40*

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR US Hist Auto Stat: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR US Hist Auto Stat list, as provided by EDR, has revealed that there are 17 EDR US

EXECUTIVE SUMMARY

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

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported	787 W 16TH ST	N 0 - 1/8 (0.096 mi.)	A4	12
Not reported	785 W 16TH ST	N 0 - 1/8 (0.096 mi.)	A5	12
Not reported	789 W 16TH ST	N 0 - 1/8 (0.096 mi.)	A6	12
Not reported	1601 PLACENTIA AVE	NNW 0 - 1/8 (0.107 mi.)	C10	31
Not reported	1604 PLACENTIA AVE	NNW 0 - 1/8 (0.116 mi.)	C12	34
Not reported	1607 PLACENTIA AVE	NNW 0 - 1/8 (0.121 mi.)	C13	34
Not reported	825 W 16TH ST	NW 1/8 - 1/4 (0.131 mi.)	E21	80
Not reported	1618 PLACENTIA AVE	N 1/8 - 1/4 (0.149 mi.)	F26	85
Not reported	1638 PLACENTIA AVE	N 1/8 - 1/4 (0.196 mi.)	I50	134

Lower Elevation	Address	Direction / Distance	Map ID	Page
Not reported	1544 PLACENTIA AVE	SW 0 - 1/8 (0.039 mi.)	1	8
Not reported	728 W 16TH ST	NE 1/8 - 1/4 (0.169 mi.)	H40	120
Not reported	724 W 16TH ST	NE 1/8 - 1/4 (0.177 mi.)	H42	125
Not reported	722 W 16TH ST	ENE 1/8 - 1/4 (0.180 mi.)	H47	132
Not reported	716 W 16TH ST	ENE 1/8 - 1/4 (0.192 mi.)	H48	132
Not reported	710 W 16TH ST	ENE 1/8 - 1/4 (0.203 mi.)	51	135
Not reported	729 OHMS WAY	NE 1/8 - 1/4 (0.222 mi.)	K60	148
Not reported	705 OHMS WAY	NE 1/8 - 1/4 (0.238 mi.)	K64	152

EDR US Hist Cleaners: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR US Hist Cleaners list, as provided by EDR, has revealed that there is 1 EDR US Hist Cleaners site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
Not reported	1495 SUPERIOR AVE	S 1/8 - 1/4 (0.209 mi.)	J53	140

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LUST: 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.

A review of the RGA LUST list, as provided by EDR, has revealed that there are 34 RGA LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HURLBERT ENTERPRISES	***1621 PLACENTIA AVE***	***N 1/8 - 1/4 (0.154 mi.)***	***F27***	***85***

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HURLBERT ENTERPRISES	***1621 PLACENTIA AVE***	***N 1/8 - 1/4 (0.154 mi.)***	***F28***	***87***
Not reported	1621 PLACENTIA AVENUE	N 1/8 - 1/4 (0.154 mi.)	F30	91
Not reported	1631 PLACENTIA AVENUE	N 1/8 - 1/4 (0.178 mi.)	I45	128
PENNYSAVER	***1660 PLACENTIA AVENUE***	***N 1/8 - 1/4 (0.249 mi.)***	***L67***	***154***
Not reported	1660 PLACENTIA AVENUE	N 1/8 - 1/4 (0.249 mi.)	L68	159
Not reported	1672 PLACENTIA AVENUE	N 1/4 - 1/2 (0.277 mi.)	M73	164
THE BOAT YARD	***1672 PLACENTIA AVE***	***N 1/4 - 1/2 (0.277 mi.)***	***M74***	***164***
PERMALITE PLASTICS CORP	***1537 MONROVIA AVE***	***WSW 1/4 - 1/2 (0.281 mi.)***	***77***	***171***
Not reported	1697 PLACENTIA AVENUE	N 1/4 - 1/2 (0.335 mi.)	O78	178
ALANAR CORPORATION	***1697 PLACENTIA***	***N 1/4 - 1/2 (0.335 mi.)***	***O79***	***178***
Not reported	837 WEST 17TH STREET	NNW 1/4 - 1/2 (0.363 mi.)	P86	215
VANCE & ASSOCIATES ROOFING INC	***837 17TH***	***NNW 1/4 - 1/2 (0.363 mi.)***	***P87***	***215***

Lower Elevation	Address	Direction / Distance	Map ID	Page
Not reported	500 SUPERIOR AVENUE	ESE 1/8 - 1/4 (0.130 mi.)	D14	34
NEWPORT HEALTH CENTER LLC	***500 SUPERIOR AVE***	***ESE 1/8 - 1/4 (0.130 mi.)***	***D18***	***40***
HUGHES AIRCRAFT COMPANY	***500 SUPERIOR AVE***	***ESE 1/8 - 1/4 (0.130 mi.)***	***D19***	***61***
NEWPORT BEACH CORPORATE YARD	***592 SUPERIOR AVENUE***	***E 1/8 - 1/4 (0.154 mi.)***	***G31***	***91***
NEWPORT BEACH CORP YARD	***592 SUPERIOR AVE***	***E 1/8 - 1/4 (0.154 mi.)***	***G35***	***101***
Not reported	735 OHMS WY	NE 1/8 - 1/4 (0.221 mi.)	K56	144
SMITH AND SONS PROPERTIES	***735 OHMS WAY***	***NE 1/8 - 1/4 (0.221 mi.)***	***K57***	***144***
FORD'S AUTOMOTIVE	***705 OHMS WAY***	***NE 1/8 - 1/4 (0.238 mi.)***	***K63***	***149***
Not reported	705 OHMS WY	NE 1/8 - 1/4 (0.238 mi.)	K65	153
JIM LEE PLUMBING	***1540 SUPERIOR***	***ENE 1/4 - 1/2 (0.264 mi.)***	***72***	***161***
NEWPORT AUTOWORKS	***121 INDUSTRIAL***	***ENE 1/4 - 1/2 (0.280 mi.)***	***N75***	***167***
Not reported	121 INDUSTRIAL WY	ENE 1/4 - 1/2 (0.280 mi.)	N76	170
Not reported	1701 PLACENTIA AVENUE	N 1/4 - 1/2 (0.350 mi.)	O80	181
GRISWOLD INDUSTRIES CLA-VAL CO	***1701 PLACENTIA AVENUE***	***N 1/4 - 1/2 (0.359 mi.)***	***O85***	***208***
Not reported	488 OLD NEWPORT BOULEVA	ESE 1/4 - 1/2 (0.366 mi.)	Q88	218
RALPH IRWIN SITE (FORMER A & G	***488 OLD NEWPORT BLVD***	***ESE 1/4 - 1/2 (0.366 mi.)***	***Q89***	***218***
Not reported	1640 SUPERIOR AVENUE	ENE 1/4 - 1/2 (0.394 mi.)	R91	243
WEBER FAMILY TRUST	***1640 SUPERIOR AVE***	***ENE 1/4 - 1/2 (0.394 mi.)***	***R92***	***243***
Not reported	671 WEST 17TH STREET	NE 1/4 - 1/2 (0.453 mi.)	T97	275
ARGO TECH CORP COSTA MESA	***671 W 17TH ST***	***NE 1/4 - 1/2 (0.453 mi.)***	***T98***	***275***
J.C. CARTER CO., INC	***671***	***NE 1/4 - 1/2 (0.453 mi.)***	***T100***	***288***

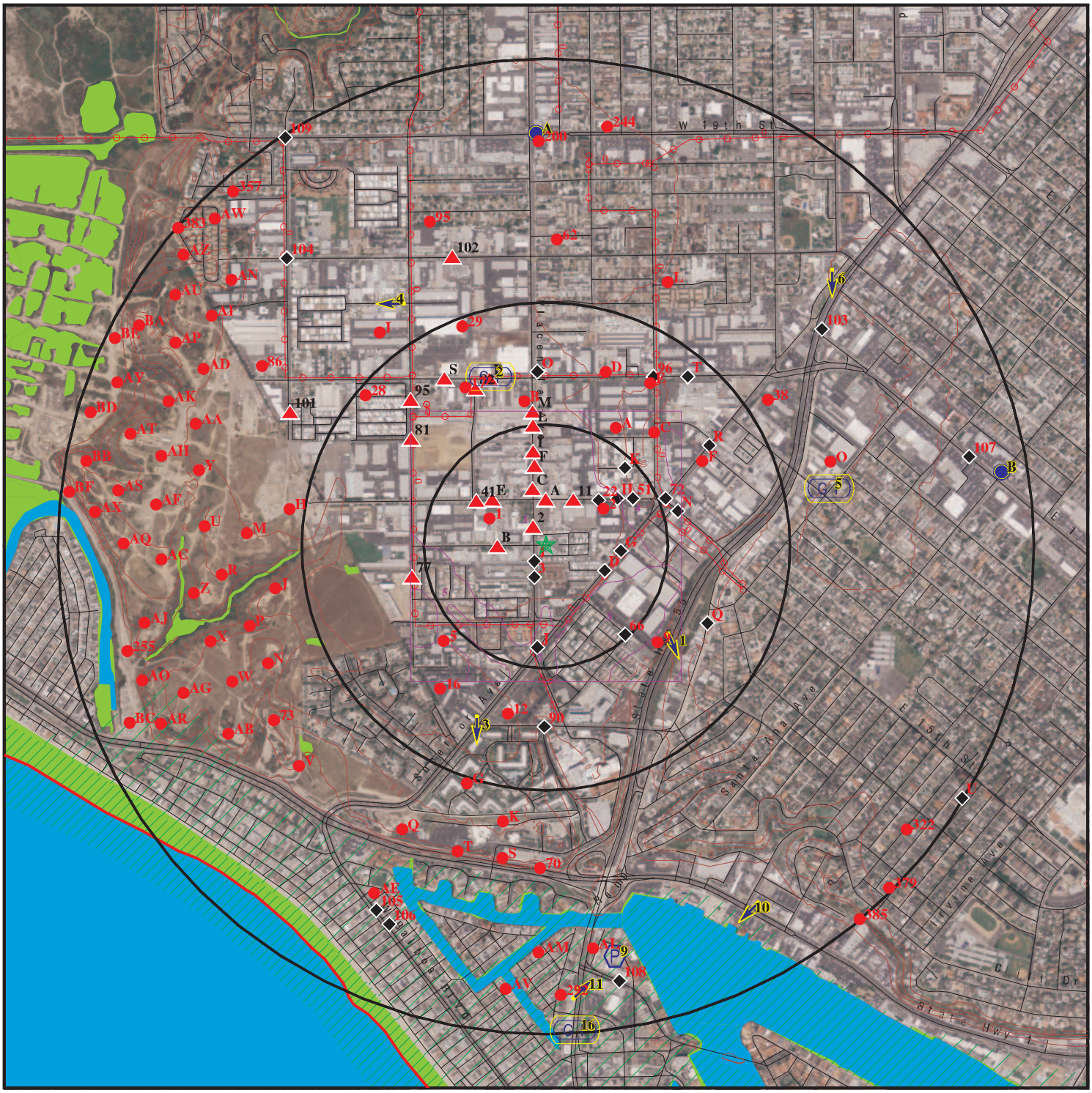
EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 9 records.

Site Name	Database(s)
	RGA LUST
	RGA LUST
	RGA LUST
	RGA LUST
	RGA LUST
SOUTH BASIN OIL CO WELL #1	CERC-NFRAP
THE HOME DEPOT NO 6664	HAZNET
SW CORNER HAMILTON/HARBOR PROPERTY	ENVIROSTOR
DUNKEL BROS PROPERTY	ENVIROSTOR

PA2014-110

OVERVIEW MAP - 3830898.2s



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

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

SITE NAME: EBB TIDE MOBILE HOME PARK	CLIENT: Ecobility Corporation
ADDRESS: 1560-1570 PLACENTIA AVENUE Costa Mesa CA 92627	CONTACT: Valerie Marshall
LAT/LONG: 33.6311 / 117.9314	INQUIRY #: 3830898.2s DATE: January 14, 2014 7:58 pm

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PA2014-110

DETAIL MAP - 3830898.2s



- 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

0 1/16 1/8 1/4 Miles

- Indian Reservations BIA
- Power transmission lines
- Oil & Gas pipelines from USGS
- 100-year flood zone
- 500-year flood zone
- 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: EBB TIDE MOBILE HOME PARK	CLIENT: Ecobility Corporation
ADDRESS: 1560-1570 PLACENTIA AVENUE Costa Mesa CA 92627	CONTACT: Valerie Marshall
LAT/LONG: 33.6311 / 117.9314	INQUIRY #: 3830898.2s DATE: January 14, 2014 7:59 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								
CERCLIS	0.500		0	1	0	NR	NR	1
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site List								
CERC-NFRAP	0.500		1	2	0	NR	NR	3
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	1	0	0	NR	1
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	1	0	NR	NR	1
Federal RCRA generators list								
RCRA-LQG	0.250		1	2	NR	NR	NR	3
RCRA-SQG	0.250		2	9	NR	NR	NR	11
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
RESPONSE	1.000		0	0	5	0	NR	5
State- and tribal - equivalent CERCLIS								
ENVIROSTOR	1.000		1	3	7	10	NR	21
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	1	0	NR	NR	1
State and tribal leaking storage tank lists								
LUST	0.500		0	10	12	NR	NR	22

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
SLIC	0.500		2	1	0	NR	NR	3
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
UST	0.250		2	10	NR	NR	NR	12
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA 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	1	NR	NR	1
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
WMUDS/SWAT	0.500		0	1	1	NR	NR	2
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
Local Lists of Hazardous waste / Contaminated Sites								
US CDL	TP		NR	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
CA FID UST	0.250		1	3	NR	NR	NR	4
HIST UST	0.250		1	6	NR	NR	NR	7
SWEEPS UST	0.250		1	3	NR	NR	NR	4
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
LIENS	TP		NR	NR	NR	NR	NR	0
DEED	0.500		0	0	1	NR	NR	1
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
CHMIRS	TP		NR	NR	NR	NR	NR	0
LDS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
MCS	TP		NR	NR	NR	NR	NR	0
Orange Co. Industrial Site	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	1	NR	NR	NR	1
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	1	NR	1
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
Cortese	0.500		0	0	5	NR	NR	5
HIST CORTESE	0.500		0	7	7	NR	NR	14
CUPA Listings	0.250		0	0	NR	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
DRYCLEANERS	0.250		0	1	NR	NR	NR	1
WIP	0.250		0	0	NR	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
HAZNET	TP		NR	NR	NR	NR	NR	0
EMI	TP		NR	NR	NR	NR	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	1	NR	NR	NR	1
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
HWT	0.250		0	0	NR	NR	NR	0
HWP	1.000		0	1	0	0	NR	1
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
PROC	0.500		0	0	0	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
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR US Hist Auto Stat	0.250		7	10	NR	NR	NR	17
EDR US Hist Cleaners	0.250		0	1	NR	NR	NR	1
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LUST	0.500		0	15	19	NR	NR	34

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

Map ID / Direction / Distance / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
1 **SW** **< 1/8** **0.039 mi.** **204 ft.**	**1544 PLACENTIA AVE** **NEWPORT BEACH, CA 92663**	**EDR US Hist Auto Stat**	**1015245845** **N/A**

Relative: **Lower**

Actual: **104 ft.**

EDR Historical Auto Stations:

Name:	MOBILE HARBOR SERVICES
Year:	2003
Address:	1544 PLACENTIA AVE
Name:	MOBILE HARBOR SERVICES
Year:	2004
Address:	1544 PLACENTIA AVE
Name:	MOBILE HARBOR SERVICES
Year:	2005
Address:	1544 PLACENTIA AVE
Name:	MOBILE HARBOR SERVICES
Year:	2006
Address:	1544 PLACENTIA AVE

---

2 **NNW** **< 1/8** **0.048 mi.** **254 ft.**	**CAMERA READY CARS** **1577 PLACENTIA AVE** **NEWPORT BEACH, CA**	**RCRA-SQG** **FINDS** **HAZNET** **EMI**	**1000212180** **CAD982479842**

Relative: **Higher**

Actual: **106 ft.**

RCRA-SQG:

Date form received by agency:	09/01/1996
Facility name:	CAMERA READY CARS
Facility address:	1577 PLACENTIA AVE NEWPORT BEACH, CA 92663
EPA ID:	CAD982479842
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

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

CAMERA READY CARS (Continued) **1000212180**

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

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: 07/15/1988
Facility name: CAMERA READY CARS
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110002824409

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:
Year: 1995
Gepaid: CAD982479842
Contact: GAFFOGLIO FAMILY METALCRAFTERS
Telephone: 7146454700
Mailing Name: Not reported
Mailing Address: 1577 PLACENTIA AVE
Mailing City,St,Zip: NEWPORT BEACH, CA 926632813
Gen County: Not reported

Map ID
Direction
Distance
Elevation | Site | MAP FINDINGS | Database(s) | EDR ID Number EPA ID Number

CAMERA READY CARS (Continued) **1000212180**

TSD EPA ID: CAD008252405
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues 10 percent or more
Disposal Method: Recycler
Tons: .2293
Facility County: Orange

Year: 1995
Gepaid: CAD982479842
Contact: GAFFOGLIO FAMILY METALCRAFTERS
Telephone: 7146454700
Mailing Name: Not reported
Mailing Address: 1577 PLACENTIA AVE
Mailing City,St,Zip: NEWPORT BEACH, CA 926632813
Gen County: Not reported
TSD EPA ID: CAD008252405
TSD County: Not reported
Waste Category: Unspecified solvent mixture
Disposal Method: Recycler
Tons: .2668
Facility County: Orange

Year: 1993
Gepaid: CAD982479842
Contact: GAFFOGLIO FAMILY METALCRAFTERS
Telephone: 7146454700
Mailing Name: Not reported
Mailing Address: 1577 PLACENTIA AVE
Mailing City,St,Zip: NEWPORT BEACH, CA 926632813
Gen County: Not reported
TSD EPA ID: CAD008252405
TSD County: Not reported
Waste Category: Unspecified solvent mixture
Disposal Method: Not reported
Tons: 0.39610000000
Facility County: Orange

Year: 1993
Gepaid: CAD982479842
Contact: GAFFOGLIO FAMILY METALCRAFTERS
Telephone: 7146454700
Mailing Name: Not reported
Mailing Address: 1577 PLACENTIA AVE
Mailing City,St,Zip: NEWPORT BEACH, CA 926632813
Gen County: Not reported
TSD EPA ID: CAD008252405
TSD County: Not reported
Waste Category: Unspecified solvent mixture
Disposal Method: Recycler
Tons: 1.6553
Facility County: Orange

EMI:
Year: 1987
County Code: 30
Air Basin: SC
Facility ID: 57970

Map ID
Direction
Distance
Elevation | Site | MAP FINDINGS | Database(s) | EDR ID Number EPA ID Number

CAMERA READY CARS (Continued) **1000212180**

Air District Name:	SC
SIC Code:	3711
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1990
County Code:	30
Air Basin:	SC
Facility ID:	57970
Air District Name:	SC
SIC Code:	3799
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1995
County Code:	30
Air Basin:	SC
Facility ID:	57970
Air District Name:	SC
SIC Code:	3799
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	5
Reactive Organic Gases Tons/Yr:	4
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

3
SSW
< 1/8
0.067 mi.
356 ft.

MESA DEVELOPMENT CO **UST** **U003779098**
1530 PLACENTIA AVE **N/A**
NEWPORT BEACH, CA 92663

Relative:
Lower

Actual:
103 ft.

UST:

Facility ID:	13842
Latitude:	33.63005
Longitude:	-117.93182

MAP FINDINGS

Map ID / Direction / Distance / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
A4		**EDR US Hist Auto Stat**	**1015633564**
North	**787 W 16TH ST**		**N/A**
< 1/8	**COSTA MESA, CA 92627**		
0.096 mi.			
505 ft.	**Site 1 of 3 in cluster A**		
Relative:	EDR Historical Auto Stations:		
Higher	Name: FULL THROTTLE RESTORATION & REPAIR		
	Year: 2011		
Actual:	Address: 787 W 16TH ST		
106 ft.			
A5		**EDR US Hist Auto Stat**	**1015633250**
North	**785 W 16TH ST**		**N/A**
< 1/8	**COSTA MESA, CA 92627**		
0.096 mi.			
507 ft.	**Site 2 of 3 in cluster A**		
Relative:	EDR Historical Auto Stations:		
Higher	Name: FULL THROTTLE RESTORATION & REPAIR		
	Year: 2012		
Actual:	Address: 785 W 16TH ST		
106 ft.			
A6		**EDR US Hist Auto Stat**	**1015633861**
North	**789 W 16TH ST**		**N/A**
< 1/8	**COSTA MESA, CA 92627**		
0.096 mi.			
509 ft.	**Site 3 of 3 in cluster A**		
Relative:	EDR Historical Auto Stations:		
Higher	Name: M & M AUTO REPAIR		
	Year: 2012		
Actual:	Address: 789 W 16TH ST		
106 ft.			
B7	**HIXSON METAL FINISHING**	**SLIC**	**S101541169**
West	**829 PRODUCTION PL**	**CHMIRS**	**N/A**
< 1/8	**NEWPORT BEACH, CA 92663**	**WDS**	
0.099 mi.			
525 ft.	**Site 1 of 3 in cluster B**		
Relative:	SLIC REG 8:		
Higher	Type: Surface Water		
	Facility Status: Closed		
Actual:	Region: 8		
106 ft.	Staff: XXX		
	Substance: XXX		
	Lead Agency: XXX		
	Location Code: XXX		
	Thomas Bros Code: XXX		
	CHMIRS:		
	OES Incident Number: 03-3446		
	OES notification: 07/09/2003		
	OES Date: Not reported		
	OES Time: Not reported		
	Incident Date: Not reported		
	Date Completed: Not reported		

Map ID
Direction
Distance
Elevation | Site | MAP FINDINGS | Database(s) | EDR ID Number EPA ID Number

HIXSON METAL FINISHING (Continued) **S101541169**

Property Use:	Not reported	
Agency Id Number:	Not reported	
Agency Incident Number:	Not reported	
Time Notified:	Not reported	
Time Completed:	Not reported	
Surrounding Area:	Not reported	
Estimated Temperature:	Not reported	
Property Management:	Not reported	
Special Studies 1:	Not reported	
Special Studies 2:	Not reported	
Special Studies 3:	Not reported	
Special Studies 4:	Not reported	
Special Studies 5:	Not reported	
Special Studies 6:	Not reported	
More Than Two Substances Involved?:		Not reported
Resp Agncy Personel # Of Decontaminated:		Not reported
Responding Agency Personel # Of Injuries:		Not reported
Responding Agency Personel # Of Fatalities:		Not reported
Others Number Of Decontaminated:		Not reported
Others Number Of Injuries:		Not reported
Others Number Of Fatalities:		Not reported
Vehicle Make/year:	Not reported	
Vehicle License Number:	Not reported	
Vehicle State:	Not reported	
Vehicle Id Number:	Not reported	
CA/DOT/PUC/ICC Number:	Not reported	
Company Name:	Not reported	
Reporting Officer Name/ID:	Not reported	
Report Date:	Not reported	
Comments:	Not reported	
Facility Telephone:	Not reported	
Waterway Involved:	No	
Waterway:	Not reported	
Spill Site:	Not reported	
Cleanup By:	Contractor	
Containment:	Not reported	
What Happened:	Not reported	
Type:	Not reported	
Measure:	Not reported	
Other:	Not reported	
Date/Time:	Not reported	
Year:	2003	
Agency:	Hixson Metal Finishing	
Incident Date:	7/8/200312:00:00 AM	
Admin Agency:	Newport Beach Fire Department	
Amount:	Not reported	
Contained:	Yes	
Site Type:	Merchant/Business	
E Date:	Not reported	
Substance:	Fire Run-off	
Quantity Released:	Not reported	
BBLS:	0	
Cups:	0	
CUFT:	0	
Gallons:	0.000000	
Grams:	0	
Pounds:	0	

Map ID
Direction
Distance
Elevation | Site | MAP FINDINGS | Database(s) | EDR ID Number EPA ID Number

HIXSON METAL FINISHING (Continued) **S101541169**

Liters:	0
Ounces:	0
Pints:	0
Quarts:	0
Sheen:	0
Tons:	0
Unknown:	0
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
Description:	Fire caused fire run-off from water, no HazMat released.

CA WDS:

Facility ID:	Santa Ana River 30I010178
Facility Type:	Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	8
Facility Telephone:	9496454800
Facility Contact:	CONRAD JOHNSON
Agency Name:	HIXSON METAL FINISHING
Agency Address:	829 PRODUCTION PL
Agency City,St,Zip:	NEWPORT BEACH 92663
Agency Contact:	CONRAD JOHNSON
Agency Telephone:	9496454800
Agency Type:	Private
SIC Code:	0
SIC Code 2:	Not reported
Primary Waste:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0
Baseline Flow:	0
Reclamation:	Not reported
POTW:	Not reported
Treat To Water:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity:	Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
B8 **West** **< 1/8** **0.099 mi.** **525 ft.**	**HIXSON METAL FINISHING FIRE** **829 PRODUCTION PLACE** **NEWPORT BEACH, CA 92663** **Site 2 of 3 in cluster B**	**CERC-NFRAP**	**1003879034** **CAD982029241**

Relative:
Higher

Actual:
106 ft.

CERC-NFRAP:

Site ID:	0902532
Federal Facility:	Not a Federal Facility
NPL Status:	Not on the NPL
Non NPL Status:	Removal Only Site (No Site Assessment Work Needed)

CERCLIS-NFRAP Site Contact Details:

Contact Sequence ID:	13052159.00000
Person ID:	9271184.00000
Contact Sequence ID:	13286601.00000
Person ID:	13003854.00000
Contact Sequence ID:	13292196.00000
Person ID:	13003858.00000
Contact Sequence ID:	13298054.00000
Person ID:	13004003.00000

CERCLIS-NFRAP Assessment History:

Action:	PREPARATION OF COST DOCUMENT PACKAGE
Date Started:	10/20/90
Date Completed:	05/06/91
Priority Level:	Not reported
Action:	POTENTIALLY RESPONSIBLE PARTY REMOVAL
Date Started:	02/22/87
Date Completed:	03/14/87
Priority Level:	Cleaned up
Action:	ARCHIVE SITE
Date Started:	/ /
Date Completed:	01/23/96
Priority Level:	Not reported
Action:	ADMINISTATIVE/VOLUNTARY COST RECOVERY
Date Started:	/ /
Date Completed:	06/25/91
Priority Level:	Not reported
Action:	COST RECOVERY NEGOTIATIONS
Date Started:	05/06/91
Date Completed:	06/25/91
Priority Level:	Not reported

MAP FINDINGS

Map ID / Direction / Distance / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
B9 **West** **< 1/8** **0.099 mi.** **525 ft.** **Relative: Higher** **Actual: 106 ft.**	**HIXSON METAL FINISHING** **829 PRODUCTION PL** **NEWPORT BEACH, CA 92663** **Site 3 of 3 in cluster B**	**RCRA-LQG** **NPDES** **CA FID UST** **SLIC** **UST** **HIST UST** **SWEEPS UST** **ENVIROSTOR** **US AIRS**	**1000384999** **CAD008357295**

RCRA-LQG:

Date form received by agency:	11/01/2012
Facility name:	HIXSON METAL FINISHING
Facility address:	829 PRODUCTION PLACE NEWPORT BEACH, CA 92663
EPA ID:	CAD008357295
Mailing address:	PRODUCTION PLACE NEWPORT BEACH, CA 92663
Contact:	BRUCE T GREENE
Contact address:	PRODUCTION PLACE NEWPORT BEACH, CA 92663
Contact country:	Not reported
Contact telephone:	(949) 645-4800
Contact email:	BGREENE@HIXSONMETALFINISHING.COM
EPA Region:	09
Land type:	Private
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	HIXSON METAL FINISHING
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	05/11/1962
Owner/Op end date:	Not reported

Owner/operator name:	HIXSON METAL FINISHING
Owner/operator address:	PRODUCTION PLACE NEWPORT BEACH, CA 92663
Owner/operator country:	Not reported
Owner/operator telephone:	(949) 645-4800
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	05/11/1962

HIXSON METAL FINISHING (Continued) **1000384999**

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: 06/10/2010
Facility name: HIXSON METAL FINISHING
Classification: Large Quantity Generator

Date form received by agency: 03/26/2008
Facility name: HIXSON METAL FINISHING
Classification: Large Quantity Generator

Date form received by agency: 03/01/2006
Facility name: HIXSON METAL FINISHING
Classification: Large Quantity Generator

Date form received by agency: 03/01/2004
Facility name: HIXSON METAL FINISHING
Classification: Large Quantity Generator

Date form received by agency: 02/11/2002
Facility name: HIXSON METAL FINISHING
Classification: Large Quantity Generator

Date form received by agency: 09/01/1996
Facility name: HIXSON METAL FINISHING
Site name: HIXSON METAL FINISHING INC
Classification: Large Quantity Generator

Date form received by agency: 10/23/1992
Facility name: HIXSON METAL FINISHING
Site name: HIXSON METAL FINISHING INC
Classification: Large Quantity Generator

Date form received by agency: 04/05/1990
Facility name: HIXSON METAL FINISHING
Site name: HIXSON METAL FINISHING INC
Classification: Large Quantity Generator

Date form received by agency: 08/18/1980

HIXSON METAL FINISHING (Continued) **1000384999**

Facility name: HIXSON METAL FINISHING
Site name: HIXSON METAL FINISHING INC
Classification: Large Quantity Generator

Hazardous Waste Summary:

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

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

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

Waste code: D004
Waste name: ARSENIC

Waste code: D005
Waste name: BARIUM

Waste code: D006
Waste name: CADMIUM

Waste code: D007
Waste name: CHROMIUM

Waste code: D008
Waste name: LEAD

Waste code: D009
Waste name: MERCURY

Waste code: D011
Waste name: SILVER

Waste code: F006
Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM

HIXSON METAL FINISHING (Continued) **1000384999**

PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Waste code: F007
Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS

Biennial Reports:

Last Biennial Reporting Year: 2013

Annual Waste Handled:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
Amount (Lbs): 54713.5

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
Amount (Lbs): 402490.4

Waste code: D003
Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.
Amount (Lbs): 82156.9

Waste code: D004
Waste name: ARSENIC
Amount (Lbs): 30296

Waste code: D005
Waste name: BARIUM
Amount (Lbs): 40

Waste code: D006
Waste name: CADMIUM
Amount (Lbs): 83700.8

Waste code: D007
Waste name: CHROMIUM
Amount (Lbs): 1067859

Waste code: D008
Waste name: LEAD
Amount (Lbs): 63412.7

HIXSON METAL FINISHING (Continued) **1000384999**

Waste code: D011
Waste name: SILVER
Amount (Lbs): 66468.8

Waste code: F006
Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.
Amount (Lbs): 129377.9

Waste code: F007
Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS
Amount (Lbs): 82131.9

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 06/28/2010
Date achieved compliance: Not reported
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 03/18/2008
Date achieved compliance: 03/18/2008
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 07/01/2004
Date achieved compliance: 08/30/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/01/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

HIXSON METAL FINISHING (Continued) **1000384999**

Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 06/24/2004
Date achieved compliance: 07/01/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/24/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 08/15/1990
Date achieved compliance: 08/15/1995
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 06/11/2012
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/16/2011
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/28/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/19/2009
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Map ID
Direction
Distance
Elevation | Site | MAP FINDINGS | Database(s) | EDR ID Number EPA ID Number

HIXSON METAL FINISHING (Continued) **1000384999**

Evaluation date: 06/10/2009
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/29/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/18/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/18/2008
Evaluation lead agency: State

Evaluation date: 12/28/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 07/01/2004
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 08/30/2004
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 06/24/2004
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 07/01/2004
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 08/15/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 08/15/1995
Evaluation lead agency: State Contractor/Grantee

NPDES:

Npdes Number: CAS000001
Facility Status: Active
Agency Id: 0
Region: 8
Regulatory Measure Id: 208709
Order No: 97-03-DWQ
Regulatory Measure Type: Enrollee
Place Id: Not reported
WDID: 8 30I010178
Program Type: Industrial
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 06/23/1993
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Discharge Name: Hixson Metal Finishing

HIXSON METAL FINISHING (Continued) **1000384999**

Discharge Address: 829 Production Pl
Discharge City: Newport Beach
Discharge State: California
Discharge Zip: 92663

CA FID UST:
Facility ID: 30000008
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7146454800
Mail To: Not reported
Mailing Address: 829 PRODUCTION PL
Mailing Address 2: Not reported
Mailing City,St,Zip: NEWPORT BEACH 92660
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

SLIC:
Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 06/23/2009
Global Id: SLT8R1364069
Lead Agency: SANTA ANA RWQCB (REGION 8)
Lead Agency Case Number: Not reported
Latitude: 33.6308432895351
Longitude: -117.93342590332
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: SLT8R136
File Location: Not reported
Potential Media Affected: Surface water
Potential Contaminants of Concern: Not reported
Site History: Not reported

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

UST:
Facility ID: 734
Latitude: 33.63112
Longitude: -117.93328

HIST UST:
Region: STATE
Facility ID: 00000067422
Facility Type: Other
Other Type: METAL FINISHING
Total Tanks: 0001

HIXSON METAL FINISHING (Continued) **1000384999**

Contact Name: JOE CAIN
Telephone: 7146454800
Owner Name: HIXSON EQUIPMENT COMPANY
Owner Address: 817 PRODUCTION PLACE
Owner City,St,Zip: NEWPORT BEACH, CA 92663

Tank Num: 001
Container Num: 1
Year Installed: 1979
Tank Capacity: 00001200
Tank Used for: WASTE
Type of Fuel: 1
Tank Construction: Unkown inches
Leak Detection: None

SWEEPS UST:
Status: Active
Comp Number: 734
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 09-15-92
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 30-000-000734-000027
Actv Date: Not reported
Capacity: 12000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: 1

ENVIROSTOR:
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: 1.75
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Irena Edwards
Supervisor: Manny Alonzo
Division Branch: Cleanup Cypress
Facility ID: 71002205
Site Code: 401076
Assembly: 74
Senate: 37
Special Program: Not reported
Status: Active
Status Date: 02/01/2002
Restricted Use: NO
Site Mgmt. Req.: NONE SPECIFIED
Funding: Not reported
Latitude: 33.63084
Longitude: -117.9332
APN: NONE SPECIFIED

HIXSON METAL FINISHING (Continued) **1000384999**

Past Use: METAL FINISHING, METAL PLATING - CHROME, METAL PLATING - OTHER, UNDERGROUND STORAGE TANKS
Potential COC: Tetrachloroethylene (PCE, Trichloroethylene (TCE, Chromium III, Nickel
Confirmed COC: Tetrachloroethylene (PCE, Trichloroethylene (TCE, Chromium III, Nickel, Tetrachloroethylene (PCE, Chromium III, Nickel, Trichloroethylene (TCE
Potential Description: OTH, SOIL, SV
Alias Name: CAD008357295
Alias Type: EPA Identification Number
Alias Name: 110001154492
Alias Type: EPA (FRS #)
Alias Name: 401076
Alias Type: Project Code (Site Code)
Alias Name: 71002205
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/04/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Workplan
Completed Date: 03/24/2011
Comments: The workplan is approved per project engineer's recommendation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 02/01/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Workplan
Completed Date: 04/25/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/27/2011
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Agreement
Completed Date: 09/09/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Agreement
Completed Date: 09/09/2002

HIXSON METAL FINISHING (Continued) **1000384999**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase I Verification
Completed Date: 02/01/2002
Comments: Inspection report sent on 2/1/2002

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 06/30/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pilot/Treatability Study Report
Completed Date: 05/04/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan
Completed Date: 11/28/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pilot/Treatability Study Report
Completed Date: 06/20/2013
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/08/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/29/2012
Comments: Completed

Future Area Name: Areas of past degreasing operations and solvent storage
Future Sub Area Name: Not reported
Future Document Type: Interim Measures Workplan
Future Due Date: 2014
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Interim Measures Implementation Report
Future Due Date: 2020
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Corrective Measures Proposal Approval
Future Due Date: 2021
Future Area Name: PROJECT WIDE

HIXSON METAL FINISHING (Continued) **1000384999**

Future Sub Area Name:	Not reported
Future Document Type:	Remedial Action Completion Report
Future Due Date:	2025
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	Fact Sheets
Future Due Date:	2014
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	CEQA - Notice of Exemption
Future Due Date:	2014
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	Acknowledgement of Satisfaction
Future Due Date:	2025
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	Certification
Future Due Date:	2027
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

AIRS (AFS):

Airs Minor Details:

EPA plant ID:	110001173783
Plant name:	HIXSON METAL FINISHING
Plant address:	829 PRODUCTION PL NEWPORT BEACH, CA 92663
County:	ORANGE
Region code:	09
Dunn & Bradst #:	Not reported
Air quality cntrl region:	024
Sic code:	3991
Sic code desc:	BROOMS AND BRUSHES
North Am. industrial classf:	339994
NAIC code description:	Broom, Brush, and Mop Manufacturing
Default compliance status:	IN COMPLIANCE - INSPECTION
Default classification:	POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Govt facility:	ALL OTHER FACILITIES NOT OWNED OR OPERATED BY A FEDERAL, STATE, OR LOCAL GOVERNMENT
Current HPV:	Not reported

Compliance and Enforcement Major Issues:

Air program:	SIP SOURCE
National action type:	Not reported
Date achieved:	00000
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	Not reported
Date achieved:	00000

HIXSON METAL FINISHING (Continued) **1000384999**

Penalty amount: Not reported

Air program: SIP SOURCE
National action type: Not reported
Date achieved: 00000
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: Not reported
Date achieved: 00000
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: Not reported
Date achieved: 01000
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: Not reported
Date achieved: 01000
Penalty amount: Not reported

Air program: Not reported
National action type: Not reported
Date achieved: Not reported
Penalty amount: Not reported

Air program: Not reported
National action type: Not reported
Date achieved: Not reported
Penalty amount: Not reported

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National action type: Not reported
Date achieved: Not reported
Penalty amount: Not reported

Air program: Not reported
National action type: Not reported
Date achieved: Not reported
Penalty amount: Not reported

HIXSON METAL FINISHING (Continued) **1000384999**

Air program: Not reported
National action type: Not reported
Date achieved: Not reported
Penalty amount: Not reported

Air program: Not reported
National action type: Not reported
Date achieved: Not reported
Penalty amount: Not reported

Air program: Not reported
National action type: Not reported
Date achieved: Not reported
Penalty amount: Not reported

Historical Compliance Minor Sources:

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1004
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1102
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1104
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1203
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1301
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - SHUT DOWN
Hist compliance date: 1004
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - SHUT DOWN
Hist compliance date: 1102
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - SHUT DOWN
Hist compliance date: 1201
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - SHUT DOWN
Hist compliance date: 1203
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - SHUT DOWN
Hist compliance date: 1302
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION

HIXSON METAL FINISHING (Continued) **1000384999**

Hist compliance date: 1101
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1103
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1201
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1202
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1204
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1302
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1303
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - SHUT DOWN
Hist compliance date: 1101
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - SHUT DOWN
Hist compliance date: 1103
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - SHUT DOWN
Hist compliance date: 1104
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - SHUT DOWN
Hist compliance date: 1202
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - SHUT DOWN
Hist compliance date: 1204
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - SHUT DOWN
Hist compliance date: 1301
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - SHUT DOWN
Hist compliance date: 1303
Air prog code hist file: TITLE V PERMITS

Compliance & Violation Data by Minor Sources:
Air program code: NESHAP

HIXSON METAL FINISHING (Continued) **1000384999**

Plant air program pollutant: Not reported
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status: IN COMPLIANCE - INSPECTION
Def. attainment/non attnmnt: Not reported
Repeat violator date: Not reported
Turnover compliance: Not reported

Air program code: TITLE V PERMITS
Plant air program pollutant: Not reported
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status: IN COMPLIANCE - SHUT DOWN
Def. attainment/non attnmnt: Not reported
Repeat violator date: Not reported
Turnover compliance: Not reported

Air program code: SIP SOURCE
Plant air program pollutant: Not reported
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status: IN COMPLIANCE - INSPECTION
Def. attainment/non attnmnt: EXTREME (FOR VOC AND NO) 2
Repeat violator date: Not reported
Turnover compliance: Not reported

C10 **EDR US Hist Auto Stat** **1015252863**
NNW **1601 PLACENTIA AVE** **N/A**
< 1/8 **COSTA MESA, CA 92627**
0.107 mi.
566 ft. **Site 1 of 3 in cluster C**

Relative: Higher

Actual: 106 ft.

EDR Historical Auto Stations:

Name: B & F AUTO AIR
Year: 2001
Address: 1601 PLACENTIA AVE

Name: B & F AUTO AIR
Year: 2002
Address: 1601 PLACENTIA AVE

Name: B & F AUTO AIR CONDITIONING
Year: 2003
Address: 1601 PLACENTIA AVE

Name: B & F AUTO AIR
Year: 2005
Address: 1601 PLACENTIA AVE

Name: B & F AUTO AIR
Year: 2006
Address: 1601 PLACENTIA AVE

Name: B & F AUTO AIR
Year: 2007
Address: 1601 PLACENTIA AVE

Name: B & F AUTO AIR CONDITIONING
Year: 2008
Address: 1601 PLACENTIA AVE

MAP FINDINGS

Map ID / Direction / Distance / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number

(Continued) **1015252863**

Name: B & F AUTO AIRCONDITTIONING SPECIALI
Year: 2009
Address: 1601 PLACENTIA AVE

Name: B & F AUTO AIR CONDITIONING
Year: 2010
Address: 1601 PLACENTIA AVE

11
NNE
< 1/8
0.111 mi.
587 ft.

CRITERION MACHINE WORKS
765 W SIXTEENTH ST
COSTA MESA, CA

RCRA-SQG **1000401927**
FINDS **CAD008388076**

Relative:
Higher

Actual:
105 ft.

RCRA-SQG:
Date form received by agency: 09/01/1996
Facility name: CRITERION MACHINE WORKS
Facility address: 765 W SIXTEENTH ST
COSTA MESA, CA 92627
EPA ID: CAD008388076
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

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

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

CRITERION MACHINE WORKS (Continued) **1000401927**

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: 07/22/1985
- Facility name: CRITERION MACHINE WORKS
- Classification: Large Quantity Generator

- Violation Status: No violations found

Evaluation Action Summary:
- Evaluation date: 03/14/1994
- Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
- Area of violation: Not reported
- Date achieved compliance: Not reported
- Evaluation lead agency: State Contractor/Grantee

FINDS:

- Registry ID: 110002633963

Environmental Interest/Information System

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

MAP FINDINGS

Map ID / Direction / Distance / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
C12		**EDR US Hist Auto Stat**	**1015253568**
NNW	**1604 PLACENTIA AVE**		**N/A**
< 1/8	**COSTA MESA, CA 92627**		
0.116 mi.			
613 ft.	**Site 2 of 3 in cluster C**		
Relative:	EDR Historical Auto Stations:		
Higher	Name: COSTA MESA AUTO MACHINE SHOP		
	Year: 2008		
Actual:	Address: 1604 PLACENTIA AVE		
106 ft.			

C13		**EDR US Hist Auto Stat**	**1015254084**
NNW	**1607 PLACENTIA AVE**		**N/A**
< 1/8	**COSTA MESA, CA 92627**		
0.121 mi.			
640 ft.	**Site 3 of 3 in cluster C**		
Relative:	EDR Historical Auto Stations:		
Higher	Name: SENA AUTOMOTIVE INCORPORATED		
	Year: 1999		
Actual:	Address: 1607 PLACENTIA AVE		
106 ft.			
	Name: SENA AUTOMOTIVE		
	Year: 2002		
	Address: 1607 PLACENTIA AVE		
	Name: SENA AUTO		
	Year: 2003		
	Address: 1607 PLACENTIA AVE		
	Name: SENA AUTO		
	Year: 2004		
	Address: 1607 PLACENTIA AVE		
	Name: SENTA AUTOMOTIVE INC		
	Year: 2010		
	Address: 1607 PLACENTIA AVE		
	Name: SENA AUTOMOTIVE INC		
	Year: 2011		
	Address: 1607 PLACENTIA AVE		

D14		**RGA LUST**	**S114229628**
ESE	**500 SUPERIOR AVENUE**		**N/A**
1/8-1/4	**NEWPORT BEACH, CA**		
0.130 mi.			
689 ft.	**Site 1 of 6 in cluster D**		
Relative:	RGA LUST:		
Lower	2007 FUTURE NEWPORT HEALTH CARE FACILITY 500 SUPERIOR AVENUE		
	2006 FUTURE NEWPORT HEALTH CARE FACILITY 500 SUPERIOR AVENUE		
Actual:	1998 HUGHES AIRCRAFT CO-SOLID PROD. 500 SUPERIOR AVENUE		
100 ft.	1997 HUGHES AIRCRAFT CO-SOLID PROD. 500 SUPERIOR AVENUE		
	1996 HUGHES AIRCRAFT CO-SOLID PROD. 500 SUPERIOR AVENUE		
	1995 HUGHES AIRCRAFT CO-SOLID PROD. 500 SUPERIOR AVENUE		
	1994 HUGHES AIRCRAFT CO-SOLID PROD. 500 SUPERIOR AVENUE		
	1993 HUGHES AIRCRAFT CO-SOLID PROD. 500 SUPERIOR AVENUE		
	1992 HUGHES AIRCRAFT CO-SOLID PROD. 500 SUPERIOR AVENUE		

MAP FINDINGS

Map ID / Direction / Distance / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
D15	**HUGHES AIRCRAFT COMPANY**	**SWEEPS UST**	**U003783057**
ESE	**500 SUPERIOR AVE**		**N/A**
1/8-1/4	**NEWPORT BEACH, CA 92658**		
0.130 mi.			
689 ft.	**Site 2 of 6 in cluster D**		

Relative:
Lower

Actual:
100 ft.

SWEEPS UST:

Status:	Active
Comp Number:	4879
Number:	9
Board Of Equalization:	44-016293
Referral Date:	09-30-92
Action Date:	09-15-92
Created Date:	02-29-88
Tank Status:	A
Owner Tank Id:	Not reported
Swrcb Tank Id:	30-000-004879-000028
Actv Date:	Not reported
Capacity:	840
Tank Use:	M.V. FUEL
Stg:	P
Content:	OTHER
Number Of Tanks:	1

Map ID / Direction / Distance / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
D16	**SOLID STATE PRODUCTS DIVISION**	**HIST UST**	**U001577473**
ESE	**500 SUPERIOR AVE**	**EMI**	**N/A**
1/8-1/4	**NEWPORT BEACH, CA 92663**		
0.130 mi.			
689 ft.	**Site 3 of 6 in cluster D**		

Relative:
Lower

Actual:
100 ft.

HIST UST:

Region:	STATE
Facility ID:	00000015498
Facility Type:	Other
Other Type:	MICROELECTRONIC COMP
Total Tanks:	0008
Contact Name:	DR. W.S. WALKER
Telephone:	7147592554
Owner Name:	HUGHES AIRCRAFT COMPANY
Owner Address:	500 SUPERIOR AVENUE
Owner City,St,Zip:	NEWPORT BEACH, CA 92663
Tank Num:	001
Container Num:	GASOLINE
Year Installed:	1982
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Tank Construction:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	DIESEL TAN
Year Installed:	1960
Tank Capacity:	00004000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Tank Construction:	Not reported
Leak Detection:	None

SOLID STATE PRODUCTS DIVISION (Continued) **U001577473**

Tank Num: 003
Container Num: BLDG. "C"
Year Installed: 1980
Tank Capacity: 00001560
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: Not reported
Leak Detection: None

Tank Num: 004
Container Num: BLDG. "D"
Year Installed: 1979
Tank Capacity: 00004000
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: Not reported
Leak Detection: Stock Inventor

Tank Num: 005
Container Num: NEUTRAL C
Year Installed: 1980
Tank Capacity: 00000450
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: Not reported
Leak Detection: Visual

Tank Num: 006
Container Num: SUMP C
Year Installed: 1962
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: Not reported
Leak Detection: Visual

Tank Num: 007
Container Num: ACID SUMP
Year Installed: 1978
Tank Capacity: 00000100
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: Not reported
Leak Detection: Visual

Tank Num: 008
Container Num: SOLV SUMP
Year Installed: 1983
Tank Capacity: 00000100
Tank Used for: Not reported
Type of Fuel: Not reported
Tank Construction: 12 gauge
Leak Detection: Visual

EMI:
Year: 1987
County Code: 30

SOLID STATE PRODUCTS DIVISION (Continued) **U001577473**

Air Basin:	SC
Facility ID:	7923
Air District Name:	SC
SIC Code:	3674
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:	50
Reactive Organic Gases Tons/Yr:	9
Carbon Monoxide Emissions Tons/Yr:	5
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:	1990
County Code:	30
Air Basin:	SC
Facility ID:	7923
Air District Name:	SC
SIC Code:	3674
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:	49
Reactive Organic Gases Tons/Yr:	21
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:	1993
County Code:	30
Air Basin:	SC
Facility ID:	7923
Air District Name:	SC
SIC Code:	3674
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:	21
Reactive Organic Gases Tons/Yr:	11
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:	1995
County Code:	30
Air Basin:	SC
Facility ID:	7923
Air District Name:	SC
SIC Code:	3674
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported

SOLID STATE PRODUCTS DIVISION (Continued) **U001577473**

Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	21
Reactive Organic Gases Tons/Yr:	11
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:	1996
County Code:	30
Air Basin:	SC
Facility ID:	7923
Air District Name:	SC
SIC Code:	3674
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:	9
Reactive Organic Gases Tons/Yr:	3
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	2
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1997
County Code:	30
Air Basin:	SC
Facility ID:	7923
Air District Name:	SC
SIC Code:	3674
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	7
Reactive Organic Gases Tons/Yr:	7
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1998
County Code:	30
Air Basin:	SC
Facility ID:	7923
Air District Name:	SC
SIC Code:	3674
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	7
Reactive Organic Gases Tons/Yr:	7
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0

SOLID STATE PRODUCTS DIVISION (Continued) **U001577473**

Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0
Year:	1999
County Code:	30
Air Basin:	SC
Facility ID:	7923
Air District Name:	SC
SIC Code:	3674
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	7
Reactive Organic Gases Tons/Yr:	7
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0
Year:	2000
County Code:	30
Air Basin:	SC
Facility ID:	7923
Air District Name:	SC
SIC Code:	3674
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	7
Reactive Organic Gases Tons/Yr:	7
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0
Year:	2001
County Code:	30
Air Basin:	SC
Facility ID:	7923
Air District Name:	SC
SIC Code:	3674
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	7
Reactive Organic Gases Tons/Yr:	7
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

MAP FINDINGS

Map ID / Direction / Distance / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
D17	**HUGHES AIRCRAFT COMPANY**	**CA FID UST**	**S101609663**
ESE	**500 SUPERIOR AVE**		**N/A**
1/8-1/4	**NEWPORT BEACH, CA 92658**		
0.130 mi.			
689 ft.	**Site 4 of 6 in cluster D**		
Relative:			
Lower			
Actual:			
100 ft.			

CA FID UST:

Facility ID:	30000324
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	7147592741
Mail To:	Not reported
Mailing Address:	500 SUPERIOR AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEWPORT BEACH 92658
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

Map ID / Direction / Distance / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
D18	**NEWPORT HEALTH CENTER LLC**	**RCRA-TSDF**	**1000240988**
ESE	**500 SUPERIOR AVE**	**CERC-NFRAP**	**CAD057468944**
1/8-1/4	**NEWPORT BEACH, CA 92663**	**CORRACTS**	
0.130 mi.		**RCRA-SQG**	
689 ft.	**Site 5 of 6 in cluster D**	**LUST**	
Relative:		**RGA LUST**	
Lower		**HWP**	
		2020 COR ACTION	
Actual:			
100 ft.			

RCRA-TSDF:

Date form received by agency:	12/18/2006
Facility name:	NEWPORT HEALTH CENTER LLC
Facility address:	500 SUPERIOR AVE NEWPORT BEACH, CA 92663
EPA ID:	CAD057468944
Contact:	GEORGE M DIAZ
Contact address:	500 SUPERIOR AVE NEWPORT BEACH, CA 92663
Contact country:	US
Contact telephone:	949-764-4493
Contact email:	GEORGE.DIAZ@HOAGHOSPITAL.ORG
EPA Region:	09
Land type:	Private
Classification:	TSDF
Description:	Handler is engaged in the treatment, storage or disposal of hazardous waste

Owner/Operator Summary:

Owner/operator name:	HOAG MEMORIAL
Owner/operator address:	500 SUPERIOR AVE NEWPORT BEACH, CA 92663
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private

NEWPORT HEALTH CENTER LLC (Continued) **1000240988**

Owner/Operator Type: Owner
Owner/Op start date: 02/08/2006
Owner/Op end date: Not reported

Owner/operator name: HOAG MEMORIAL HOSPITAL PRESBYTERIAN
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 02/08/2006
Owner/Op end date: Not reported

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

Historical Generators:
Date form received by agency: 10/23/2000
Facility name: NEWPORT HEALTH CENTER LLC
Site name: RAYTHEON SYSTEMS CO
Classification: Not a generator, verified

Date form received by agency: 10/12/2000
Facility name: NEWPORT HEALTH CENTER LLC
Site name: RAYTHEON STYSTEMS COMPANY
Classification: Large Quantity Generator

Date form received by agency: 03/04/1999
Facility name: NEWPORT HEALTH CENTER LLC
Site name: MICROELECTRONICS DIV, RAYTHEON SYSTEMS
Classification: Large Quantity Generator

Date form received by agency: 02/04/1998
Facility name: NEWPORT HEALTH CENTER LLC
Site name: RAYTHEON SYSTEMS CO
Classification: Small Quantity Generator

Date form received by agency: 09/01/1996
Facility name: NEWPORT HEALTH CENTER LLC
Site name: RAYTHEON SYSTEMS CO
Classification: Large Quantity Generator

NEWPORT HEALTH CENTER LLC (Continued) **1000240988**

Date form received by agency: 03/26/1996
Facility name: NEWPORT HEALTH CENTER LLC
Site name: NEWPORT BEACH
Classification: Large Quantity Generator

Date form received by agency: 03/30/1994
Facility name: NEWPORT HEALTH CENTER LLC
Site name: HUGHES AIRCRAFT COMPANY
Classification: Large Quantity Generator

Date form received by agency: 02/28/1992
Facility name: NEWPORT HEALTH CENTER LLC
Site name: HUGHES AIRCRAFT COMPANY
Classification: Large Quantity Generator

Date form received by agency: 04/09/1990
Facility name: NEWPORT HEALTH CENTER LLC
Site name: HUGHES AIRCRAFT COMPANY
Classification: Large Quantity Generator

Date form received by agency: 08/18/1980
Facility name: NEWPORT HEALTH CENTER LLC
Site name: RAYTHEON SYSTEMS CO
Classification: Large Quantity Generator

Hazardous Waste Summary:
Waste code: D008
Waste name: LEAD

Corrective Action Summary:
Event date: 06/01/1983
Event: CA049PA

Event date: 06/01/1983
Event: CA074HI

Event date: 06/01/1983
Event: CA029WQ

Event date: 08/18/1983
Event: RFI Imposition

Event date: 03/12/1990
Event: CA049SI

Event date: 08/15/1990
Event: CA Prioritization, Facility or area was assigned a high corrective action priority.

Event date: 10/31/1991
Event: CA036WQ

Event date: 10/25/1994
Event: Stabilization Measures Evaluation,This facility is not amenable to stabilization activity because of a lack of technical data. An evaluation has been completed, but further data is necessary to

NEWPORT HEALTH CENTER LLC (Continued) **1000240988**

determine stabilization measures, feasibility or appropriateness. This status should be changed when data becomes available.

Event date: 10/25/1994
Event: Stabilization Measures Evaluation,This facility is not amenable to stabilization activity because of a lack of technical data. An evaluation has been completed, but further data is necessary to determine stabilization measures, feasibility or appropriateness. This status should be changed when data becomes available.

Event date: 10/27/1994
Event: CA Prioritization, Facility or area was assigned a medium corrective action priority.

Event date: 12/02/1997
Event: Igration of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected.

Event date: 12/02/1997
Event: Current Human Exposures under Control, More information is needed to make a determination.

Event date: 12/02/1997
Event: CA Responsibility Referred To A Non-RCRA Federal Authority

Event date: 12/02/1997
Event: Current Human Exposures under Control, More information is needed to make a determination.

Event date: 12/08/1999
Event: RFA Completed, Assessment was an RFA.

Event date: 01/31/2001
Event: Current Human Exposures under Control, Current human exposures are NOT under control.

Event date: 01/31/2001
Event: Igration of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected.

Event date: 03/09/2001
Event: Igration of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected.

Event date: 03/09/2001
Event: Current Human Exposures under Control, Current human exposures are NOT under control.

Event date: 09/23/2005
Event: Current Human Exposures under Control, Yes, Current Human Exposures Under Control has been verified. Based on a review of information contained in the EI determination, current human exposures are expected to be under control at the facility under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility.

NEWPORT HEALTH CENTER LLC (Continued) **1000240988**

Event date: 09/23/2005
Event: Current Human Exposures under Control, Yes, Current Human Exposures Under Control has been verified. Based on a review of information contained in the EI determination, current human exposures are expected to be under control at the facility under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility.

Event date: 12/07/2005
Event: Igration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified. Based on a review of information contained in the EI determination, it has been determined that migration of contaminated groundwater is under control at the facility. Specifically, this determination indicates that the migration of contaminated groundwater is under control, and that monitoring will be conducted to confirm that contaminated groundwater remains within the existing area of contaminated groundwater. This determination will be re-evaluated when the Agency becomes aware of significant changes at the facility.

Event date: 12/07/2005
Event: Igration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified. Based on a review of information contained in the EI determination, it has been determined that migration of contaminated groundwater is under control at the facility. Specifically, this determination indicates that the migration of contaminated groundwater is under control, and that monitoring will be conducted to confirm that contaminated groundwater remains within the existing area of contaminated groundwater. This determination will be re-evaluated when the Agency becomes aware of significant changes at the facility.

Event date: 09/07/2006
Event: Date For Remedy Selection (CM Imposed)

Event date: 09/07/2006
Event: Date For Remedy Selection (CM Imposed)

Event date: 09/25/2006
Event: CA550RC

Event date: 03/25/2008
Event: CA550RC

Event date: Not reported
Event: CA048ST

Facility Has Received Notices of Violations:
Regulation violated: FR - 264.110-120.G
Area of violation: TSD - Closure/Post-Closure
Date violation determined: 12/10/1993
Date achieved compliance: 12/10/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/10/1993
Enf. disposition status: Not reported

NEWPORT HEALTH CENTER LLC (Continued) **1000240988**

Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.170-177.I
Area of violation: TSD - General
Date violation determined: 12/10/1993
Date achieved compliance: 12/10/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/10/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 268 ALL
Area of violation: LDR - General
Date violation determined: 02/22/1991
Date achieved compliance: 08/14/1991
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 268.7
Area of violation: LDR - General
Date violation determined: 02/22/1991
Date achieved compliance: 08/14/1991
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 270
Area of violation: TSD - General
Date violation determined: 02/22/1991
Date achieved compliance: 08/14/1991
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

NEWPORT HEALTH CENTER LLC (Continued) **1000240988**

Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 268 ALL
Area of violation: LDR - General
Date violation determined: 01/09/1991
Date achieved compliance: 08/14/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/22/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 268.7
Area of violation: LDR - General
Date violation determined: 01/09/1991
Date achieved compliance: 08/14/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/22/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 268 ALL
Area of violation: LDR - General
Date violation determined: 01/09/1991
Date achieved compliance: 08/14/1991
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 03/21/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 270
Area of violation: TSD - General
Date violation determined: 01/09/1991
Date achieved compliance: 08/14/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/22/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State

NEWPORT HEALTH CENTER LLC (Continued) **1000240988**

Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 270
Area of violation: TSD - General
Date violation determined: 01/09/1991
Date achieved compliance: 08/14/1991
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 03/21/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 268.7
Area of violation: LDR - General
Date violation determined: 01/09/1991
Date achieved compliance: 08/14/1991
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 03/21/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 268.7
Area of violation: LDR - General
Date violation determined: 05/04/1988
Date achieved compliance: 07/19/1988
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 05/04/1988
Date achieved compliance: 07/19/1988
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/06/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported

NEWPORT HEALTH CENTER LLC (Continued) **1000240988**

Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 268 ALL
Area of violation: LDR - General
Date violation determined: 05/04/1988
Date achieved compliance: 07/19/1988
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 11/10/1994
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 07/18/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 10/27/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 12/10/1993
Evaluation lead agency: State

Evaluation date: 10/27/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Closure/Post-Closure
Date achieved compliance: 12/10/1993
Evaluation lead agency: State

Evaluation date: 01/09/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 08/14/1991
Evaluation lead agency: State

Evaluation date: 01/09/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 08/14/1991
Evaluation lead agency: State

Evaluation date: 01/03/1991
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported

NEWPORT HEALTH CENTER LLC (Continued) **1000240988**

Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/25/1988
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/04/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 07/19/1988
Evaluation lead agency: State

Evaluation date: 05/04/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 07/19/1988
Evaluation lead agency: State

CERC-NFRAP:
Site ID: 0901457
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: 13052684.00000
Person ID: 9271184.00000

Contact Sequence ID: 13285758.00000
Person ID: 13003854.00000

Contact Sequence ID: 13291353.00000
Person ID: 13003858.00000

Contact Sequence ID: 13297211.00000
Person ID: 13004003.00000

CERCLIS-NFRAP Assessment History:
Action: DISCOVERY
Date Started: / /
Date Completed: 08/01/80
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: / /
Date Completed: 06/01/83
Priority Level: Low priority for further assessment

Action: HAZARD RANKING SYSTEM PACKAGE
Date Started: / /
Date Completed: 06/01/83
Priority Level: Not reported

Action: SITE INSPECTION

NEWPORT HEALTH CENTER LLC (Continued) **1000240988**

Date Started: / /
Date Completed: 06/01/83
Priority Level: Higher priority for further assessment

Action: SITE INSPECTION
Date Started: / /
Date Completed: 03/12/90
Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

Action: ARCHIVE SITE
Date Started: / /
Date Completed: 03/12/90
Priority Level: Not reported

Action: UNILATERAL ADMIN ORDER
Date Started: / /
Date Completed: 08/18/83
Priority Level: Not reported

CORRACTS:

EPA ID: CAD057468944
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19830601
Action: CA049PA
NAICS Code(s): 621498 621399 621112
All Other Outpatient Care Centers
Offices of All Other Miscellaneous Health Practitioners
Offices of Physicians, Mental Health Specialists
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD057468944
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19830601
Action: CA029WQ
NAICS Code(s): 621498 621399 621112
All Other Outpatient Care Centers
Offices of All Other Miscellaneous Health Practitioners
Offices of Physicians, Mental Health Specialists
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD057468944
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19830601
Action: CA074HI
NAICS Code(s): 621498 621399 621112
All Other Outpatient Care Centers
Offices of All Other Miscellaneous Health Practitioners
Offices of Physicians, Mental Health Specialists
Original schedule date: Not reported
Schedule end date: Not reported

Map ID
Direction
Distance
Elevation | Site | MAP FINDINGS | Database(s) | EDR ID Number
EPA ID Number

NEWPORT HEALTH CENTER LLC (Continued) **1000240988**

EPA ID: CAD057468944
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19971202
Action: CA210 - CA Responsibility Referred To A Non-RCRA Federal Authority
NAICS Code(s): 621498 621399 621112
All Other Outpatient Care Centers
Offices of All Other Miscellaneous Health Practitioners
Offices of Physicians, Mental Health Specialists
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD057468944
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19971202
Action: CA725IN - Current Human Exposures Under Control, More information is needed to make a determination
NAICS Code(s): 621498 621399 621112
All Other Outpatient Care Centers
Offices of All Other Miscellaneous Health Practitioners
Offices of Physicians, Mental Health Specialists
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD057468944
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19971202
Action: CA725IN - Current Human Exposures Under Control, More information is needed to make a determination
NAICS Code(s): 621498 621399 621112
All Other Outpatient Care Centers
Offices of All Other Miscellaneous Health Practitioners
Offices of Physicians, Mental Health Specialists
Original schedule date: 19971202
Schedule end date: Not reported

EPA ID: CAD057468944
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20051207
Action: CA750YE - Migration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified
NAICS Code(s): 621498 621399 621112
All Other Outpatient Care Centers
Offices of All Other Miscellaneous Health Practitioners
Offices of Physicians, Mental Health Specialists
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD057468944
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20051207
Action: CA750YE - Migration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified

Map ID
Direction
Distance
Elevation | Site | MAP FINDINGS | Database(s) | EDR ID Number
EPA ID Number

NEWPORT HEALTH CENTER LLC (Continued) **1000240988**

NAICS Code(s): 621498 621399 621112
All Other Outpatient Care Centers
Offices of All Other Miscellaneous Health Practitioners
Offices of Physicians, Mental Health Specialists
Original schedule date: 20051207
Schedule end date: Not reported

EPA ID: CAD057468944
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20060907
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 621498 621399 621112
All Other Outpatient Care Centers
Offices of All Other Miscellaneous Health Practitioners
Offices of Physicians, Mental Health Specialists
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD057468944
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20060907
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 621498 621399 621112
All Other Outpatient Care Centers
Offices of All Other Miscellaneous Health Practitioners
Offices of Physicians, Mental Health Specialists
Original schedule date: 20060907
Schedule end date: Not reported

EPA ID: CAD057468944
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19991208
Action: CA050RF - RFA Completed, Assessment was an RFA
NAICS Code(s): 621498 621399 621112
All Other Outpatient Care Centers
Offices of All Other Miscellaneous Health Practitioners
Offices of Physicians, Mental Health Specialists
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD057468944
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20010309
Action: CA750NO - Migration of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected
NAICS Code(s): 621498 621399 621112
All Other Outpatient Care Centers
Offices of All Other Miscellaneous Health Practitioners
Offices of Physicians, Mental Health Specialists
Original schedule date: 20010309
Schedule end date: Not reported

Map ID Direction Distance Elevation	Site	MAP FINDINGS Database(s)	EDR ID Number EPA ID Number

NEWPORT HEALTH CENTER LLC (Continued) **1000240988**

EPA ID: CAD057468944
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20010309
Action: CA725NO - Current Human Exposures Under Control, Current human exposures are NOT under control
NAICS Code(s): 621498 621399 621112
All Other Outpatient Care Centers
Offices of All Other Miscellaneous Health Practitioners
Offices of Physicians, Mental Health Specialists
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD057468944
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19900312
Action: CA049SI
NAICS Code(s): 621498 621399 621112
All Other Outpatient Care Centers
Offices of All Other Miscellaneous Health Practitioners
Offices of Physicians, Mental Health Specialists
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD057468944
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19900815
Action: CA075HI - CA Prioritization, Facility or area was assigned a high corrective action priority
NAICS Code(s): 621498 621399 621112
All Other Outpatient Care Centers
Offices of All Other Miscellaneous Health Practitioners
Offices of Physicians, Mental Health Specialists
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD057468944
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19830818
Action: CA100 - RFI Imposition
NAICS Code(s): 621498 621399 621112
All Other Outpatient Care Centers
Offices of All Other Miscellaneous Health Practitioners
Offices of Physicians, Mental Health Specialists
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD057468944
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20050923
Action: CA725YE - Current Human Exposures Under Control, Yes, Current Human Exposures Under Control has been verified
NAICS Code(s): 621498 621399 621112

Map ID / Direction / Distance / Elevation	Site	MAP FINDINGS	Database(s)	EDR ID Number / EPA ID Number

NEWPORT HEALTH CENTER LLC (Continued) **1000240988**

All Other Outpatient Care Centers
Offices of All Other Miscellaneous Health Practitioners
Offices of Physicians, Mental Health Specialists
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD057468944
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20050923
Action: CA725YE - Current Human Exposures Under Control, Yes, Current Human Exposures Under Control has been verified
NAICS Code(s): 621498 621399 621112
All Other Outpatient Care Centers
Offices of All Other Miscellaneous Health Practitioners
Offices of Physicians, Mental Health Specialists
Original schedule date: 20050923
Schedule end date: Not reported

EPA ID: CAD057468944
EPA Region: 09
Area Name: Indoor air on-site and off-site
Actual Date: 20080325
Action: CA550RC
NAICS Code(s): 621498 621399 621112
All Other Outpatient Care Centers
Offices of All Other Miscellaneous Health Practitioners
Offices of Physicians, Mental Health Specialists
Original schedule date: 20080410
Schedule end date: 20080325

EPA ID: CAD057468944
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20080325
Action: CA550RC
NAICS Code(s): 621498 621399 621112
All Other Outpatient Care Centers
Offices of All Other Miscellaneous Health Practitioners
Offices of Physicians, Mental Health Specialists
Original schedule date: 20080410
Schedule end date: 20080325

EPA ID: CAD057468944
EPA Region: 09
Area Name: VOC-contaminated soil on-site
Actual Date: 20080325
Action: CA550RC
NAICS Code(s): 621498 621399 621112
All Other Outpatient Care Centers
Offices of All Other Miscellaneous Health Practitioners
Offices of Physicians, Mental Health Specialists
Original schedule date: 20080410
Schedule end date: 20080325

EPA ID: CAD057468944
EPA Region: 09

Map ID / Direction / Distance / Elevation	Site	MAP FINDINGS	Database(s)	EDR ID Number / EPA ID Number

NEWPORT HEALTH CENTER LLC (Continued) **1000240988**

Area Name: Off-site groundwater
Actual Date: 20080325
Action: CA550RC
NAICS Code(s): 621498 621399 621112
All Other Outpatient Care Centers
Offices of All Other Miscellaneous Health Practitioners
Offices of Physicians, Mental Health Specialists
Original schedule date: 20080410
Schedule end date: 20080325

EPA ID: CAD057468944
EPA Region: 09
Area Name: On-site groundwater
Actual Date: 20080325
Action: CA550RC
NAICS Code(s): 621498 621399 621112
All Other Outpatient Care Centers
Offices of All Other Miscellaneous Health Practitioners
Offices of Physicians, Mental Health Specialists
Original schedule date: 20080410
Schedule end date: 20080325

EPA ID: CAD057468944
EPA Region: 09
Area Name: VOC-contaminated soil gas
Actual Date: 20080325
Action: CA550RC
NAICS Code(s): 621498 621399 621112
All Other Outpatient Care Centers
Offices of All Other Miscellaneous Health Practitioners
Offices of Physicians, Mental Health Specialists
Original schedule date: 20080410
Schedule end date: 20080325

EPA ID: CAD057468944
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19941025
Action: CA225IN - Stabilization Measures Evaluation, This facility is not, amenable to stabilization activity because of, a lack of technical data. An evaluation has been completed, but further data is necessary to determine stabilization measures, feasibility or appropriateness. This status should be changed when data becomes available
NAICS Code(s): 621498 621399 621112
All Other Outpatient Care Centers
Offices of All Other Miscellaneous Health Practitioners
Offices of Physicians, Mental Health Specialists
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD057468944
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19941025
Action: CA225IN - Stabilization Measures Evaluation, This facility is not, amenable to stabilization activity because of, a lack of technical data. An evaluation has been completed, but further data is necessary

Map ID
Direction
Distance
Elevation | Site | MAP FINDINGS | Database(s) | EDR ID Number EPA ID Number

NEWPORT HEALTH CENTER LLC (Continued) **1000240988**

to determine stabilization measures, feasibility or appropriateness. This status should be changed when data becomes available
NAICS Code(s): 621498 621399 621112
All Other Outpatient Care Centers
Offices of All Other Miscellaneous Health Practitioners
Offices of Physicians, Mental Health Specialists
Original schedule date: 19941025
Schedule end date: Not reported

EPA ID: CAD057468944
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20060925
Action: CA550RC
NAICS Code(s): 621498 621399 621112
All Other Outpatient Care Centers
Offices of All Other Miscellaneous Health Practitioners
Offices of Physicians, Mental Health Specialists
Original schedule date: 20060925
Schedule end date: Not reported

EPA ID: CAD057468944
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19941027
Action: CA075ME - CA Prioritization, Facility or area was assigned a medium corrective action priority
NAICS Code(s): 621498 621399 621112
All Other Outpatient Care Centers
Offices of All Other Miscellaneous Health Practitioners
Offices of Physicians, Mental Health Specialists
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD057468944
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20010131
Action: CA725NO - Current Human Exposures Under Control, Current human exposures are NOT under control
NAICS Code(s): 621498 621399 621112
All Other Outpatient Care Centers
Offices of All Other Miscellaneous Health Practitioners
Offices of Physicians, Mental Health Specialists
Original schedule date: 20010131
Schedule end date: Not reported

EPA ID: CAD057468944
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20010131
Action: CA750NO - Migration of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected
NAICS Code(s): 621498 621399 621112
All Other Outpatient Care Centers
Offices of All Other Miscellaneous Health Practitioners

NEWPORT HEALTH CENTER LLC (Continued) **1000240988**

Offices of Physicians, Mental Health Specialists
Original schedule date: 20010131
Schedule end date: Not reported

EPA ID: CAD057468944
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19911031
Action: CA036WQ
NAICS Code(s): 621498 621399 621112
All Other Outpatient Care Centers
Offices of All Other Miscellaneous Health Practitioners
Offices of Physicians, Mental Health Specialists
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD057468944
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: Not reported
Action: CA048ST
NAICS Code(s): 621498 621399 621112
All Other Outpatient Care Centers
Offices of All Other Miscellaneous Health Practitioners
Offices of Physicians, Mental Health Specialists
Original schedule date: 19900815
Schedule end date: Not reported

LUST REG 8:

Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Pollution Characterization
Case Number:	083000821T
Local Case Num:	90UT247
Case Type:	Other ground water affected
Substance:	Solvents
Qty Leaked:	Not reported
Abate Method:	GTVE
Cross Street:	INDUSTRIAL
Enf Type:	SEL
Funding:	Not reported
How Discovered:	Inventory Control
How Stopped:	Not reported
Leak Cause:	UNK
Leak Source:	Tank
Global ID:	T0605900648
How Stopped Date:	1/1/1981
Enter Date:	4/1/1988
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	1/1/1978
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	6/10/2004
Date Remediation Plan Submitted:	1/30/1998

NEWPORT HEALTH CENTER LLC (Continued) **1000240988**

Date Remedial Action Underway:	1/1/2000
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	4/1/1988
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	No
Oversite Program:	LUST
Latitude:	33.62865649
Longitude:	-117.9285335
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	CAB
Staff Initials:	LAL
Lead Agency:	Regional Board
Local Agency:	30000
Hydr Basin #:	COASTAL PLAIN OF ORA
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: SUBSTAN'L GW CONTAM IN PERCHED & LOWER AQUIFER BELOW SITE. INV & CLEANUP WILL BE REQ'D. UPDATED GW DATA & WP FOR FURTHER WORK DUE 10/90.OFFSITE WP SUBMIT'D 8/28/92 4/4/96 GW MON RSLTS 5/30/96 2 NEWPORT AVE WELLS COMPLETE, 3RD BORING ABAN

Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083000821T
Local Case Num:	91UT054
Case Type:	Soil only
Substance:	Diesel
Qty Leaked:	0
Abate Method:	Not reported
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Close Tank
Leak Cause:	Unknown
Leak Source:	Unknown
Global ID:	T0605912480
How Stopped Date:	9/9/9999
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	5/1/1991
Enforcement Date:	Not reported
Close Date:	8/7/1991

NEWPORT HEALTH CENTER LLC (Continued) **1000240988**

Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	0
Longitude:	0
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	CAB
Staff Initials:	JK
Lead Agency:	Local Agency
Local Agency:	30000L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

RGA LUST:

2012	HUGHES AIRCRAFT	500 SUPERIOR
2011	HUGHES AIRCRAFT	500 SUPERIOR
2010	HUGHES AIRCRAFT	500 SUPERIOR
2009	HUGHES AIRCRAFT	500 SUPERIOR
2008	HUGHES AIRCRAFT	500 SUPERIOR
2007	HUGHES AIRCRAFT	500 SUPERIOR
2006	HUGHES AIRCRAFT	500 SUPERIOR
2005	HUGHES AIRCRAFT	500 SUPERIOR

HWP:

EPA Id:	CAD057468944
Cleanup Status:	CLOSED
Latitude:	33.62947
Longitude:	-117.9300
Facility Type:	Historical - Non-Operating
Facility Size:	Not reported
Team:	Not reported
Supervisor:	Not reported
Site Code:	400223
Assembly District:	74
Senate District:	37
Public Information Officer:	Not reported

NEWPORT HEALTH CENTER LLC (Continued) **1000240988**

Activities:

EPA Id: CAD057468944
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, TANKSTR1
Event Description: New Operating Permit - PUBLIC COMMENT (BEGIN)
Actual Date: 04/15/1986

EPA Id: CAD057468944
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, TANKSTR1
Event Description: New Operating Permit - FINAL PERMIT
Actual Date: 06/28/1986

EPA Id: CAD057468944
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, TANKSTR1
Event Description: New Operating Permit - PERMIT TERMINATED - TERMINATION APPROVED
Actual Date: 08/25/1992

EPA Id: CAD057468944
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, TANKSTR1
Event Description: New Operating Permit - CALL-IN LETTER ISSUED
Actual Date: 02/02/1983

EPA Id: CAD057468944
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, TANKSTR1
Event Description: New Operating Permit - PERMIT TERMINATED - TERMINATION RECEIVED
Actual Date: 05/16/1991

EPA Id: CAD057468944
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, TANKSTR1
Event Description: New Operating Permit - APPLICATION PART A RECEIVED
Actual Date: 11/18/1980

EPA Id: CAD057468944
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, TANKSTR1
Event Description: New Operating Permit - FINAL PERMIT (EXPIRES)
Actual Date: 06/28/1991

EPA Id: CAD057468944
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, TANKSTR1
Event Description: New Operating Permit - APPLICATION PART B RECEIVED
Actual Date: 04/29/1983

Closure:

EPA Id: CAD057468944
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, TANKSTR1
Event Description: Closure Final - ISSUE CLOSURE VERIFICATION
Actual Date: 06/21/1994

MAP FINDINGS

Map ID / Direction / Distance / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number

NEWPORT HEALTH CENTER LLC (Continued) **1000240988**

Alias:
EPA Id: CAD057468944
Facility Type: Historical - Non-Operating
Alias Type: Project Code (Site Code)
Alias: 400223

EPA Id: CAD057468944
Facility Type: Historical - Non-Operating
Alias Type: Alternate Name
Alias: HUGHES AIRCRAFT

EPA Id: CAD057468944
Facility Type: Historical - Non-Operating
Alias Type: Envirostor ID Number
Alias: 30370014

2020 COR ACTION:
EPA ID: CAD057468944
Region: 9
Action: Remedy Constructed

D19 **HUGHES AIRCRAFT COMPANY** **LUST** **U003433369**
ESE **500 SUPERIOR AVE** **SLIC** **N/A**
1/8-1/4 **NEWPORT BEACH, CA 92663** **UST**
0.130 mi. **Orange Co. Industrial Site**
689 ft. **Site 6 of 6 in cluster D** **ENVIROSTOR**
RGA LUST

Relative:
Lower

Actual:
100 ft.

LUST:
Region: STATE
Global Id: T0605912480
Latitude: 33.630393
Longitude: -117.929305
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 08/07/1991
Lead Agency: ORANGE COUNTY LOP
Case Worker: DB
Local Agency: ORANGE COUNTY LOP
RB Case Number: 083000821T
LOC Case Number: 91UT054
File Location: Local Agency
Potential Media Affect: Soil
Potential Contaminants of Concern: Diesel
Site History: Not reported

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

Contact:
Global Id: T0605912480
Contact Type: Regional Board Caseworker
Contact Name: CARL BERNHARDT
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: cbernhardt@waterboards.ca.gov

HUGHES AIRCRAFT COMPANY (Continued) **U003433369**

Phone Number: 9517824495

Global Id: T0605912480
Contact Type: Local Agency Caseworker
Contact Name: DENAMARIE BAKER
Organization Name: ORANGE COUNTY LOP
Address: 1241 E. DYER ROAD, STE. 120
City: SANTA ANA
Email: dbaker@ochca.com
Phone Number: 7144336255

Status History:
Global Id: T0605912480
Status: Open - Case Begin Date
Status Date: 05/01/1991

Global Id: T0605912480
Status: Completed - Case Closed
Status Date: 08/07/1991

Regulatory Activities:
Global Id: T0605912480
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

Global Id: T0605912480
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Region: STATE
Global Id: T0605900648
Latitude: 33.628656487
Longitude: -117.9285335
Case Type: LUST Cleanup Site
Status: Open - Verification Monitoring
Status Date: 08/05/2009
Lead Agency: SANTA ANA RWQCB (REGION 8)
Case Worker: CAB
Local Agency: ORANGE COUNTY
RB Case Number: 083000821T
LOC Case Number: 90UT247
File Location: Not reported
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: * Solvents
Site History: Not reported

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

Contact:
Global Id: T0605900648
Contact Type: Regional Board Caseworker
Contact Name: CARL BERNHARDT
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500

HUGHES AIRCRAFT COMPANY (Continued) **U003433369**

City: RIVERSIDE
Email: cbernhardt@waterboards.ca.gov
Phone Number: 9517824495

Global Id: T0605900648
Contact Type: Local Agency Caseworker
Contact Name: LUIS A. LODRIGUEZA
Organization Name: ORANGE COUNTY
Address: 2009 E. EDINGER AVE.
City: SANTA ANA
Email: llodrigueza@ochca.com
Phone Number: Not reported

Status History:

Global Id: T0605900648
Status: Open - Case Begin Date
Status Date: 01/01/1978

Global Id: T0605900648
Status: Open - Site Assessment
Status Date: 11/11/1992

Global Id: T0605900648
Status: Open - Remediation
Status Date: 01/30/1998

Global Id: T0605900648
Status: Open - Remediation
Status Date: 01/01/2000

Global Id: T0605900648
Status: Open - Site Assessment
Status Date: 02/21/2003

Global Id: T0605900648
Status: Open - Site Assessment
Status Date: 05/14/2003

Global Id: T0605900648
Status: Open - Site Assessment
Status Date: 07/06/2003

Global Id: T0605900648
Status: Open - Site Assessment
Status Date: 09/02/2003

Global Id: T0605900648
Status: Open - Site Assessment
Status Date: 04/28/2004

Global Id: T0605900648
Status: Open - Site Assessment
Status Date: 06/10/2004

Global Id: T0605900648
Status: Open - Site Assessment
Status Date: 04/01/2005

HUGHES AIRCRAFT COMPANY (Continued) **U003433369**

Global Id: T0605900648
Status: Open - Remediation
Status Date: 08/24/2005

Global Id: T0605900648
Status: Open - Site Assessment
Status Date: 03/21/2006

Global Id: T0605900648
Status: Open - Site Assessment
Status Date: 06/02/2006

Global Id: T0605900648
Status: Open - Site Assessment
Status Date: 07/16/2007

Global Id: T0605900648
Status: Open - Remediation
Status Date: 04/22/2009

Global Id: T0605900648
Status: Open - Verification Monitoring
Status Date: 08/05/2009

Regulatory Activities:
Global Id: T0605900648
Action Type: ENFORCEMENT
Date: 07/08/2008
Action: Staff Letter

Global Id: T0605900648
Action Type: ENFORCEMENT
Date: 09/09/2003
Action: Staff Letter

Global Id: T0605900648
Action Type: ENFORCEMENT
Date: 03/21/2006
Action: * Verbal Communication

Global Id: T0605900648
Action Type: ENFORCEMENT
Date: 04/14/2005
Action: Staff Letter

Global Id: T0605900648
Action Type: ENFORCEMENT
Date: 06/18/2003
Action: Staff Letter

Global Id: T0605900648
Action Type: RESPONSE
Date: 10/31/2005
Action: Soil and Water Investigation Report

Global Id: T0605900648
Action Type: RESPONSE

HUGHES AIRCRAFT COMPANY (Continued) **U003433369**

Date: 11/02/2006
Action: CAP/RAP - Feasibility Study Report

Global Id: T0605900648
Action Type: RESPONSE
Date: 06/02/2006
Action: Soil and Water Investigation Workplan

Global Id: T0605900648
Action Type: RESPONSE
Date: 05/31/2005
Action: Other Report / Document

Global Id: T0605900648
Action Type: RESPONSE
Date: 09/09/2005
Action: Soil and Water Investigation Report

Global Id: T0605900648
Action Type: RESPONSE
Date: 04/02/2005
Action: Other Report / Document

Global Id: T0605900648
Action Type: RESPONSE
Date: 04/08/2007
Action: Other Report / Document

Global Id: T0605900648
Action Type: REMEDIATION
Date: 01/01/1950
Action: Soil Vapor Extraction (SVE)

Global Id: T0605900648
Action Type: ENFORCEMENT
Date: 12/14/2005
Action: Meeting

Global Id: T0605900648
Action Type: ENFORCEMENT
Date: 12/20/2006
Action: Meeting

Global Id: T0605900648
Action Type: ENFORCEMENT
Date: 07/17/2002
Action: Meeting

Global Id: T0605900648
Action Type: Other
Date: 01/01/1950
Action: Leak Stopped

Global Id: T0605900648
Action Type: RESPONSE
Date: 11/07/2008
Action: Monitoring Report - Semi-Annually

HUGHES AIRCRAFT COMPANY (Continued) **U003433369**

Global Id: T0605900648
Action Type: RESPONSE
Date: 06/30/2007
Action: Other Workplan

Global Id: T0605900648
Action Type: RESPONSE
Date: 09/30/2003
Action: Monitoring Report - Quarterly

Global Id: T0605900648
Action Type: RESPONSE
Date: 09/02/2003
Action: Soil and Water Investigation Workplan

Global Id: T0605900648
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

Global Id: T0605900648
Action Type: RESPONSE
Date: 04/30/2004
Action: Monitoring Report - Quarterly

Global Id: T0605900648
Action Type: RESPONSE
Date: 06/30/2004
Action: CAP/RAP - Feasibility Study Report

Global Id: T0605900648
Action Type: RESPONSE
Date: 07/30/2004
Action: Soil and Water Investigation Report

Global Id: T0605900648
Action Type: ENFORCEMENT
Date: 05/24/2007
Action: Verbal Enforcement

Global Id: T0605900648
Action Type: ENFORCEMENT
Date: 07/26/2006
Action: * Verbal Communication

Global Id: T0605900648
Action Type: ENFORCEMENT
Date: 07/21/2007
Action: Site Visit / Inspection / Sampling

Global Id: T0605900648
Action Type: ENFORCEMENT
Date: 01/22/2004
Action: * Verbal Communication

Global Id: T0605900648
Action Type: ENFORCEMENT

HUGHES AIRCRAFT COMPANY (Continued) **U003433369**

Date: 11/04/2003
Action: Site Visit / Inspection / Sampling

Global Id: T0605900648
Action Type: ENFORCEMENT
Date: 06/23/2003
Action: Staff Letter

Global Id: T0605900648
Action Type: ENFORCEMENT
Date: 10/30/2003
Action: Staff Letter

Global Id: T0605900648
Action Type: ENFORCEMENT
Date: 04/17/2003
Action: Staff Letter

Global Id: T0605900648
Action Type: ENFORCEMENT
Date: 12/09/2009
Action: Staff Letter

Global Id: T0605900648
Action Type: RESPONSE
Date: 07/19/2003
Action: Soil and Water Investigation Workplan

Global Id: T0605900648
Action Type: RESPONSE
Date: 06/11/2003
Action: Soil and Water Investigation Report

Global Id: T0605900648
Action Type: RESPONSE
Date: 09/30/2003
Action: Soil and Water Investigation Report

Global Id: T0605900648
Action Type: RESPONSE
Date: 12/12/2003
Action: Soil and Water Investigation Report

Global Id: T0605900648
Action Type: ENFORCEMENT
Date: 09/08/2003
Action: * No Action

Global Id: T0605900648
Action Type: ENFORCEMENT
Date: 04/16/2003
Action: Staff Letter

Global Id: T0605900648
Action Type: ENFORCEMENT
Date: 03/17/2007
Action: * Verbal Communication

Map ID
Direction
Distance
Elevation | Site | MAP FINDINGS | Database(s) | EDR ID Number EPA ID Number

HUGHES AIRCRAFT COMPANY (Continued) **U003433369**

Global Id: T0605900648
Action Type: RESPONSE
Date: 07/16/2007
Action: Soil and Water Investigation Report

Global Id: T0605900648
Action Type: RESPONSE
Date: 03/21/2006
Action: Soil and Water Investigation Workplan

Global Id: T0605900648
Action Type: RESPONSE
Date: 09/30/2004
Action: Soil and Water Investigation Report

Global Id: T0605900648
Action Type: RESPONSE
Date: 07/30/2008
Action: Monitoring Report - Semi-Annually

Global Id: T0605900648
Action Type: ENFORCEMENT
Date: 10/29/2009
Action: Staff Letter

Global Id: T0605900648
Action Type: RESPONSE
Date: 08/17/2012
Action: Soil Vapor Intrusion Investigation Report

Global Id: T0605900648
Action Type: ENFORCEMENT
Date: 05/07/2004
Action: Staff Letter

Global Id: T0605900648
Action Type: ENFORCEMENT
Date: 02/23/2004
Action: Meeting

Global Id: T0605900648
Action Type: ENFORCEMENT
Date: 03/17/2005
Action: Meeting

Global Id: T0605900648
Action Type: ENFORCEMENT
Date: 04/25/2006
Action: Site Visit / Inspection / Sampling

Global Id: T0605900648
Action Type: ENFORCEMENT
Date: 10/21/2004
Action: Site Visit / Inspection / Sampling

Global Id: T0605900648
Action Type: Other

HUGHES AIRCRAFT COMPANY (Continued) **U003433369**

Date: 01/01/1950
Action: Leak Discovery

Global Id: T0605900648
Action Type: RESPONSE
Date: 09/26/2010
Action: Risk Assessment Report

Global Id: T0605900648
Action Type: RESPONSE
Date: 09/26/2010
Action: Interim Remedial Action Report

Global Id: T0605900648
Action Type: RESPONSE
Date: 01/30/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0605900648
Action Type: RESPONSE
Date: 06/15/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0605900648
Action Type: ENFORCEMENT
Date: 07/30/2004
Action: Staff Letter

Global Id: T0605900648
Action Type: ENFORCEMENT
Date: 02/28/2008
Action: Meeting

Global Id: T0605900648
Action Type: RESPONSE
Date: 06/10/2004
Action: Soil and Water Investigation Workplan

Global Id: T0605900648
Action Type: RESPONSE
Date: 03/27/2007
Action: Interim Remedial Action Plan

Global Id: T0605900648
Action Type: RESPONSE
Date: 03/01/2005
Action: Monitoring Report - Quarterly

Global Id: T0605900648
Action Type: RESPONSE
Date: 03/01/2006
Action: Monitoring Report - Quarterly

Global Id: T0605900648
Action Type: RESPONSE
Date: 09/01/2005
Action: Monitoring Report - Semi-Annually

Map ID
Direction
Distance
Elevation | Site | MAP FINDINGS | Database(s) | EDR ID Number
EPA ID Number

HUGHES AIRCRAFT COMPANY (Continued) **U003433369**

Global Id: T0605900648
Action Type: ENFORCEMENT
Date: 03/27/2009
Action: Staff Letter

Global Id: T0605900648
Action Type: RESPONSE
Date: 11/13/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0605900648
Action Type: ENFORCEMENT
Date: 07/11/2006
Action: Site Visit / Inspection / Sampling

Global Id: T0605900648
Action Type: ENFORCEMENT
Date: 04/27/2007
Action: * Verbal Communication

Global Id: T0605900648
Action Type: ENFORCEMENT
Date: 08/21/2006
Action: Staff Letter

Global Id: T0605900648
Action Type: ENFORCEMENT
Date: 01/24/2006
Action: Meeting

Global Id: T0605900648
Action Type: ENFORCEMENT
Date: 05/31/2006
Action: * Verbal Communication

Global Id: T0605900648
Action Type: ENFORCEMENT
Date: 10/21/2005
Action: Staff Letter

Global Id: T0605900648
Action Type: RESPONSE
Date: 04/30/2004
Action: Soil and Water Investigation Workplan

Global Id: T0605900648
Action Type: RESPONSE
Date: 09/09/2005
Action: Other Report / Document

Global Id: T0605900648
Action Type: RESPONSE
Date: 04/01/2005
Action: Soil and Water Investigation Workplan

Global Id: T0605900648
Action Type: RESPONSE

Map ID
Direction
Distance
Elevation | Site | MAP FINDINGS | Database(s) | EDR ID Number EPA ID Number

HUGHES AIRCRAFT COMPANY (Continued) **U003433369**

Date: 08/18/2005
Action: Risk Assessment Report

Global Id: T0605900648
Action Type: RESPONSE
Date: 05/15/2003
Action: Soil and Water Investigation Workplan

Global Id: T0605900648
Action Type: RESPONSE
Date: 09/30/2003
Action: Soil and Water Investigation Report

Global Id: T0605900648
Action Type: RESPONSE
Date: 10/30/2004
Action: Monitoring Report - Quarterly

Global Id: T0605900648
Action Type: RESPONSE
Date: 06/30/2004
Action: CAP/RAP - Feasibility Study Report

Global Id: T0605900648
Action Type: RESPONSE
Date: 01/30/2004
Action: Monitoring Report - Quarterly

Global Id: T0605900648
Action Type: REMEDIATION
Date: 01/01/1950
Action: Soil Vapor Extraction (SVE)

Global Id: T0605900648
Action Type: REMEDIATION
Date: 01/01/1950
Action: In Situ Biological Treatment

Global Id: T0605900648
Action Type: ENFORCEMENT
Date: 06/12/2008
Action: Staff Letter

Global Id: T0605900648
Action Type: ENFORCEMENT
Date: 06/08/2008
Action: Staff Letter

Global Id: T0605900648
Action Type: ENFORCEMENT
Date: 12/07/2005
Action: Meeting

Global Id: T0605900648
Action Type: ENFORCEMENT
Date: 10/14/2003
Action: * No Action

Map ID
Direction
Distance
Elevation | Site | MAP FINDINGS | Database(s) | EDR ID Number
EPA ID Number

HUGHES AIRCRAFT COMPANY (Continued) **U003433369**

Global Id: T0605900648
Action Type: ENFORCEMENT
Date: 04/09/2004
Action: Staff Letter

Global Id: T0605900648
Action Type: RESPONSE
Date: 02/09/2004
Action: Other Report / Document

Global Id: T0605900648
Action Type: RESPONSE
Date: 10/31/2007
Action: Final Remedial Action Report / Corrective Action Report

Global Id: T0605900648
Action Type: RESPONSE
Date: 07/21/2003
Action: Soil and Water Investigation Report

Global Id: T0605900648
Action Type: RESPONSE
Date: 08/30/2005
Action: CAP/RAP - Feasibility Study Report

Global Id: T0605900648
Action Type: RESPONSE
Date: 02/29/2012
Action: Well Installation Report

Global Id: T0605900648
Action Type: REMEDIATION
Date: 01/01/1950
Action: Ex Situ Physical/Chemical Treatment (other than P&T, SVE, or Excavation)

Global Id: T0605900648
Action Type: REMEDIATION
Date: 01/01/1950
Action: In Situ Biological Treatment

Global Id: T0605900648
Action Type: RESPONSE
Date: 01/31/2011
Action: Other Report / Document

Global Id: T0605900648
Action Type: RESPONSE
Date: 07/30/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0605900648
Action Type: ENFORCEMENT
Date: 11/09/2004
Action: Staff Letter

Global Id: T0605900648

HUGHES AIRCRAFT COMPANY (Continued) **U003433369**

Action Type: ENFORCEMENT
Date: 10/09/2007
Action: Staff Letter

Global Id: T0605900648
Action Type: RESPONSE
Date: 12/30/2006
Action: Monitoring Report - Quarterly

Global Id: T0605900648
Action Type: RESPONSE
Date: 03/01/2007
Action: Monitoring Report - Quarterly

Global Id: T0605900648
Action Type: RESPONSE
Date: 06/30/2004
Action: Soil and Water Investigation Report

Global Id: T0605900648
Action Type: RESPONSE
Date: 07/30/2004
Action: Monitoring Report - Quarterly

Global Id: T0605900648
Action Type: RESPONSE
Date: 02/09/2004
Action: Other Report / Document

Global Id: T0605900648
Action Type: RESPONSE
Date: 05/22/2006
Action: Remedial Progress Report

Global Id: T0605900648
Action Type: RESPONSE
Date: 09/11/2006
Action: Interim Remedial Action Plan

Global Id: T0605900648
Action Type: RESPONSE
Date: 07/30/2006
Action: Interim Remedial Action Plan

Global Id: T0605900648
Action Type: RESPONSE
Date: 06/30/2008
Action: Other Workplan

ORANGE CO. LUST:
Region: ORANGE
Facility Id: 91UT054
Current Status: Certification (Case Closed)
Released Substance: Diesel fuel oil and additives, Nos.1-D, 2-D, 2-4
Date Closed: 08/07/1991
Case Type: Soil Only

Map ID
Direction
Distance
Elevation | Site | MAP FINDINGS | Database(s) | EDR ID Number EPA ID Number

HUGHES AIRCRAFT COMPANY (Continued) **U003433369**

Record ID: RO0002217

SLIC:

Region:	STATE
Facility Status:	**Open - Remediation**
Status Date:	10/01/2007
Global Id:	T0605930446
Lead Agency:	SANTA ANA RWQCB (REGION 8)
Lead Agency Case Number:	Not reported
Latitude:	33.628656487
Longitude:	-117.9285335
Case Type:	Cleanup Program Site
Case Worker:	CAB
Local Agency:	Not reported
RB Case Number:	Not reported
File Location:	Not reported
Potential Media Affected:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	* Solvents
Site History:	Not reported

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

UST:

Facility ID:	4879
Latitude:	33.63044
Longitude:	-117.92923

Orange Co. Industrial Site:

Case ID:	93IC027
Region:	ORANGE
Record ID:	RO0000440
Current Status:	CLOSED 1/18/1994
Closure Type:	Closure certification issued
Released Chemical:	PERCHLOROETHYLENE

ENVIROSTOR:

Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	* Mmonroy
Division Branch:	Cleanup Cypress
Facility ID:	30370014
Site Code:	400223
Assembly:	74
Senate:	37
Special Program:	Not reported
Status:	Refer: RCRA
Status Date:	05/10/1995
Restricted Use:	NO
Site Mgmt. Req.:	NONE SPECIFIED
Funding:	Not reported

Map ID
Direction
Distance
Elevation | Site | MAP FINDINGS | Database(s) | EDR ID Number EPA ID Number

HUGHES AIRCRAFT COMPANY (Continued) **U003433369**

Latitude: 33.6225
Longitude: -117.9391
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED, NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: RAYTHEON MICRO ELECTRONICS
Alias Type: Alternate Name
Alias Name: CAD057468944
Alias Type: EPA Identification Number
Alias Name: 400223
Alias Type: Project Code (Site Code)
Alias Name: 30370014
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 12/01/1981
Comments: FACILITY IDENTIFIED EPA HAZ. MATL HANDLERS LIST.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 02/09/1995
Comments: NFA FOR SITE MITIGATION OPERATIONS, THIS IS A RCRA FACILITY.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Site Type: Corrective Action
Site Type Detailed: Corrective Action
Acres: 0
NPL: NO
Regulatory Agencies: RWQCB
Lead Agency: WQC
Program Manager: Not reported
Supervisor: * Unknown
Division Branch: Cleanup Cypress
Facility ID: 80001429
Site Code: 400223
Assembly: 74
Senate: 37
Special Program: Not reported
Status: Refer: RWQCB
Status Date: 01/01/2008
Restricted Use: NO
Site Mgmt. Req.: NONE SPECIFIED
Funding: Not reported

Map ID
Direction
Distance
Elevation | Site | MAP FINDINGS | Database(s) | EDR ID Number EPA ID Number

HUGHES AIRCRAFT COMPANY (Continued) **U003433369**

Latitude: 33.62947
Longitude: -117.9300
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED, NONE SPECIFIED, NONE SPECIFIED
Confirmed COC: NONE SPECIFIED, NONE SPECIFIED, NONE SPECIFIED, NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: HUGHES AIRCRAFT
Alias Type: Alternate Name
Alias Name: CAD057468944
Alias Type: EPA Identification Number
Alias Name: 400223
Alias Type: Project Code (Site Code)
Alias Name: 30370014
Alias Type: Envirostor ID Number
Alias Name: 80001429
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Groundwater Migration Controlled
Completed Date: 01/31/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Human Exposure Controlled
Completed Date: 12/02/1997
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Groundwater Migration Controlled
Completed Date: 12/07/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 06/01/1983
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 03/12/1990
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Human Exposure Controlled
Completed Date: 01/31/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Human Exposure Controlled

HUGHES AIRCRAFT COMPANY (Continued) **U003433369**

Completed Date: 09/23/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Remedy Selected
Completed Date: 09/07/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Interim Measures Questionnaire
Completed Date: 10/25/1994
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedy Constructed
Completed Date: 09/25/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Order
Completed Date: 01/01/1985
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date: 08/18/1983
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RCRA Facility Assessment Report
Completed Date: 12/08/1999
Comments: THIS EVENT REFLECTS A DETERMINATION OF AN ANALOGOUS RFA AS PER A 12/8/1999 LETTER FROM EPA&DTSC (ANALOGOUS TEAM) TO RWQCB WHEREIN TWO REPORTS WERE REVIEWED AND DETERMINED TO BE ANALOGOUS TO AN RFA. THE TWO REPORTS ARE "ENVIRONMENTAL ASSESS

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

RGA LUST:

2012	HUGHES AIRCRAFT CO-SOLID PROD.	500 SUPERIOR AVE
2011	HUGHES AIRCRAFT CO-SOLID PROD.	500 SUPERIOR AVE
2010	HUGHES AIRCRAFT CO-SOLID PROD.	500 SUPERIOR AVE
2009	HUGHES AIRCRAFT CO-SOLID PROD.	500 SUPERIOR AVE

HUGHES AIRCRAFT COMPANY (Continued) **U003433369**

2008	HUGHES AIRCRAFT CO-SOLID PROD.	500 SUPERIOR AVE
2007	HUGHES AIRCRAFT CO-SOLID PROD.	500 SUPERIOR AVE
2006	HUGHES AIRCRAFT CO-SOLID PROD.	500 SUPERIOR AVE
2005	HUGHES AIRCRAFT CO-SOLID PROD.	500 SUPERIOR AVE
2003	HUGHES AIRCRAFT	500 SUPERIOR AVE
2003	HUGHES AIRCRAFT CO-SOLID PROD.	500 SUPERIOR AVE
2002	HUGHES AIRCRAFT CO-SOLID PROD.	500 SUPERIOR AVE
2001	HUGHES AIRCRAFT CO-SOLID PROD.	500 SUPERIOR AVE
2000	HUGHES AIRCRAFT CO-SOLID PROD.	500

E20 **AUTO COSMETIC INC** **RCRA-SQG 1000324892**
NW **825 W 16TH ST** **FINDS CAD982491185**
1/8-1/4 **NEWPORT BEACH, CA 92663** **HAZNET**
0.131 mi.
693 ft. **Site 1 of 5 in cluster E**

Relative:
Higher

Actual:
108 ft.

RCRA-SQG:

Date form received by agency:	05/25/1990
Facility name:	AUTO COSMETIC INC
Facility address:	825 W 16TH ST NEWPORT BEACH, CA 92663
EPA ID:	CAD982491185
Contact:	ENVIRONMENTAL MANAGER
Contact address:	825 W SIXTEEN ST NEWPORT BEACH, CA 92663
Contact country:	US
Contact telephone:	(714) 631-3137
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

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

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

AUTO COSMETIC INC (Continued) **1000324892**

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

Violation Status: No violations found

FINDS:

Registry ID: 110002829592

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:
Year: 1993
Gepaid: CAD982491185
Contact: Not reported
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 825 W 16TH ST
Mailing City,St,Zip: NEWPORT BEACH, CA 926630000
Gen County: Not reported
TSD EPA ID: CAD008252405
TSD County: Not reported
Waste Category: Unspecified solvent mixture
Disposal Method: Recycler
Tons: 1.12969999999
Facility County: Orange

Year: 1993
Gepaid: CAD982491185
Contact: Not reported
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 825 W 16TH ST
Mailing City,St,Zip: NEWPORT BEACH, CA 926630000
Gen County: Not reported
TSD EPA ID: CAD008252405

Map ID
Direction
Distance
Elevation | Site | MAP FINDINGS | Database(s) | EDR ID Number / EPA ID Number

AUTO COSMETIC INC (Continued) **1000324892**

TSD County: Not reported
Waste Category: Unspecified solvent mixture
Disposal Method: Not reported
Tons: 8.34000000000
Facility County: Orange

E21
NW
1/8-1/4
0.131 mi.
693 ft.

Relative: Higher

Actual: 108 ft.

825 W 16TH ST **EDR US Hist Auto Stat** **1015649148**
NEWPORT BEACH, CA 92663 **N/A**

Site 2 of 5 in cluster E

EDR Historical Auto Stations:

Name: DRS B AUTO REPAIR
Year: 2011
Address: 825 W 16TH ST

Name: DRS B AUTO REPAIR
Year: 2012
Address: 825 W 16TH ST

22
NE
1/8-1/4
0.144 mi.
759 ft.

Relative: Lower

Actual: 103 ft.

APPLIED ENVIRONMENTAL TECH INC **RCRA NonGen / NLR** **1000284761**
729 W16TH ST **FINDS** **CAD981420607**
COSTA MESA, CA 92627

RCRA NonGen / NLR:

Date form received by agency: 06/16/1986
Facility name: APPLIED ENVIRONMENTAL TECH INC
Facility address: 729 W16TH ST
COSTA MESA, CA 92627
EPA ID: CAD981420607
Mailing address: 729 WSIXTEEN
COSTA MESA, CA 92627
Contact: ENVIRONMENTAL MANAGER
Contact address: 729 WSIXTEEN ST
COSTA MESA, CA 92627
Contact country: US
Contact telephone: (714) 631-8002
Contact email: Not reported
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

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

APPLIED ENVIRONMENTAL TECH INC (Continued) **1000284761**

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

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

Violation Status: No violations found

FINDS:

Registry ID: 110008268409

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

E23 **FLEXIBLE METAL HOSE** **HIST UST** **U001577468**
NW **833 W 16TH ST** **EMI** **N/A**
1/8-1/4 **NEWPORT BEACH, CA 92663**
0.146 mi.
771 ft. **Site 3 of 5 in cluster E**

Relative:
Higher

Actual:
108 ft.

HIST UST:
Region: STATE
Facility ID: 00000050308
Facility Type: Other
Other Type: MANUFACTURING
Total Tanks: 0001
Contact Name: RONALD K. JOHNSON
Telephone: 7146313030
Owner Name: PRIME PROPERTIES
Owner Address: 501 SUPERIOR

Map ID
Direction
Distance
Elevation | Site | MAP FINDINGS | Database(s) | EDR ID Number EPA ID Number

FLEXIBLE METAL HOSE (Continued) **U001577468**

Owner City,St,Zip: NEWPORT BEACH, CA 92660

Tank Num: 001
Container Num: 025935
Year Installed: Not reported
Tank Capacity: 00007500
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: Pressure Test

EMI:

Year:	1987
County Code:	30
Air Basin:	SC
Facility ID:	54432
Air District Name:	SC
SIC Code:	2449
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	6
Reactive Organic Gases Tons/Yr:	6
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

Year:	1990
County Code:	30
Air Basin:	SC
Facility ID:	54432
Air District Name:	SC
SIC Code:	244
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

E24 **PRIME PROPERTIES** **UST** **U003778920**
NW **833 W 16TH ST** **N/A**
1/8-1/4 **NEWPORT BEACH, CA 92663**
0.146 mi.
771 ft. **Site 4 of 5 in cluster E**

Relative:
Higher

Actual:
108 ft.

UST:
Facility ID: 11634
Latitude: 33.63245
Longitude: -117.93329

MAP FINDINGS

Map ID / Direction / Distance / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
E25 NW 1/8-1/4 0.146 mi. 771 ft.	**BRUCE STRICKLAND PAINTING 833 W 16TH ST NEWPORT BEACH, CA Site 5 of 5 in cluster E**	**RCRA-SQG FINDS**	**1000130836 CAD982508418**

Relative: Higher

Actual: 108 ft.

RCRA-SQG:

Date form received by agency:	03/31/2004
Facility name:	BRUCE STRICKLAND PAINTING
Facility address:	833 W 16TH ST NEWPORT BEACH, CA 92627
EPA ID:	CAD982508418
Mailing address:	427 E 17TH ST NO 362 COSTA MESA, CA 92627
Contact:	BRUCE A STRICKLAND
Contact address:	427 E 17TH ST NO 362 COSTA MESA, CA 92627
Contact country:	US
Contact telephone:	714-966-9026
Contact email:	WWW.BRUCE390@AOL
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:	BRUCE STRICKLAND
Owner/operator address:	Not reported Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/02/1989
Owner/Op end date:	Not reported

Owner/operator name:	BRUCE STRICKLAND
Owner/operator address:	427 E 17TH ST NO 362 COSTA MESA, CA 92627
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/02/1989
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

BRUCE STRICKLAND PAINTING (Continued) **1000130836**

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: 08/08/1989
Facility name: BRUCE STRICKLAND PAINTING
Site name: SIM S SNOWBOARDS INC
Classification: Small Quantity Generator

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

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

Violation Status: No violations found

FINDS:

Registry ID: 110002836897

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

MAP FINDINGS

Map ID / Direction / Distance / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
F26		**EDR US Hist Auto Stat**	**1015256081**
North	**1618 PLACENTIA AVE**		**N/A**
1/8-1/4	**COSTA MESA, CA 92627**		
0.149 mi.			
787 ft.	**Site 1 of 7 in cluster F**		

Relative: Higher

Actual: 107 ft.

EDR Historical Auto Stations:

Name:	ARA AUTO REPAIR CENTER
Year:	2011
Address:	1618 PLACENTIA AVE

F27	**HURLBERT ENTERPRISES**	**NPDES**	**S101299469**
North	**1621 PLACENTIA AVE**	**HIST CORTESE**	**N/A**
1/8-1/4	**COSTA MESA, CA 92627**	**LUST**	
0.154 mi.		**RGA LUST**	
814 ft.	**Site 2 of 7 in cluster F**		

Relative: Higher

Actual: 107 ft.

NPDES:

Npdes Number:	CAS000001
Facility Status:	Terminated
Agency Id:	0
Region:	8
Regulatory Measure Id:	288935
Order No:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place Id:	Not reported
WDID:	8 30I019545
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	05/25/2005
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	04/02/2012
Discharge Name:	Resinart Corp
Discharge Address:	1621 Placentia Ave
Discharge City:	Costa Mesa
Discharge State:	California
Discharge Zip:	92627

CORTESE:

Region:	CORTESE
Facility County Code:	30
Reg By:	LTNKA
Reg Id:	083002251T

LUST:

Region:	STATE
Global Id:	T0605901650
Latitude:	33.6331739
Longitude:	-117.932485
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	11/03/1993
Lead Agency:	ORANGE COUNTY LOP
Case Worker:	DB
Local Agency:	ORANGE COUNTY LOP
RB Case Number:	083002251T
LOC Case Number:	93UT048
File Location:	Local Agency
Potential Media Affect:	Other Groundwater (uses other than drinking water)

HURLBERT ENTERPRISES (Continued) **S101299469**

Potential Contaminants of Concern: Gasoline
Site History: Not reported

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

Contact:
Global Id: T0605901650
Contact Type: Local Agency Caseworker
Contact Name: DENAMARIE BAKER
Organization Name: ORANGE COUNTY LOP
Address: 1241 E. DYER ROAD, STE. 120
City: SANTA ANA
Email: dbaker@ochca.com
Phone Number: 7144336255

Global Id: T0605901650
Contact Type: Regional Board Caseworker
Contact Name: NANCY OLSON-MARTIN
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: nolson-martin@waterboards.ca.gov
Phone Number: Not reported

Status History:
Global Id: T0605901650
Status: Open - Case Begin Date
Status Date: 05/25/1993

Global Id: T0605901650
Status: Completed - Case Closed
Status Date: 11/03/1993

Regulatory Activities:
Global Id: T0605901650
Action Type: REMEDIATION
Date: 01/01/1950
Action: Excavation

Global Id: T0605901650
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

Global Id: T0605901650
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

ORANGE CO. LUST:
Region: ORANGE
Facility Id: 93UT048
Current Status: Certification (Case Closed)
Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded
Date Closed: 11/03/1993

HURLBERT ENTERPRISES (Continued) **S101299469**

Case Type: Other Ground Water
Record ID: RO0002132

RGA LUST:

2003	HURLBERT ENTERPRISES	1621 PLACENTIA AVE
2002	HURLBERT ENTERPRISES	1621 PLACENTIA AVE
2001	HURLBERT ENTERPRISES	1621 PLACENTIA AVE
2000	HURLBERT ENTERPRISES	1621

F28 **HURLBERT ENTERPRISES** **LUST** **U003879564**
North **1621 PLACENTIA AVE** **UST** **N/A**
1/8-1/4 **COSTA MESA, CA 92627** **EMI**
0.154 mi. **RGA LUST**
814 ft. **Site 3 of 7 in cluster F**

Relative:
Higher

Actual:
107 ft.

LUST REG 8:

Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083002251T
Local Case Num:	93UT048
Case Type:	Other ground water affected
Substance:	Gasoline
Qty Leaked:	0
Abate Method:	Not reported
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Close Tank
Leak Cause:	Unknown
Leak Source:	Unknown
Global ID:	T0605901650
How Stopped Date:	9/9/9999
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	5/25/1993
Enforcement Date:	Not reported
Close Date:	11/3/1993
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.6332347
Longitude:	-117.9319834
MTBE Date:	Not reported
Max MTBE GW:	Not reported

HURLBERT ENTERPRISES (Continued) **U003879564**

MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	1
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
MTBE Class:	*
Staff:	NOM
Staff Initials:	AR
Lead Agency:	Local Agency
Local Agency:	30000L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Summary:	Not reported

UST:

Facility ID:	14686
Latitude:	33.63346
Longitude:	-117.9319

EMI:

Year:	1987
County Code:	30
Air Basin:	SC
Facility ID:	50494
Air District Name:	SC
SIC Code:	3949
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:	27
Reactive Organic Gases Tons/Yr:	27
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

Year:	1990
County Code:	30
Air Basin:	SC
Facility ID:	50494
Air District Name:	SC
SIC Code:	3949
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:	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

MAP FINDINGS

Map ID / Direction / Distance / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number

HURLBERT ENTERPRISES (Continued) **U003879564**

RGA LUST:

2012	HURLBERT ENTERPRISES	1621 PLACENTIA
2011	HURLBERT ENTERPRISES	1621 PLACENTIA
2010	HURLBERT ENTERPRISES	1621 PLACENTIA
2009	HURLBERT ENTERPRISES	1621 PLACENTIA
2008	HURLBERT ENTERPRISES	1621 PLACENTIA
2007	HURLBERT ENTERPRISES	1621 PLACENTIA
2006	HURLBERT ENTERPRISES	1621 PLACENTIA
2005	HURLBERT ENTERPRISES	1621 PLACENTIA

F29 **RESINART CORPORATION** **RCRA-LQG** **1012176213**
North **1621 PLACENTIA AVE** **CAR000200923**
1/8-1/4 **COSTA MESA, CA 92627**
0.154 mi.
814 ft. **Site 4 of 7 in cluster F**

Relative:
Higher

Actual:
107 ft.

RCRA-LQG:

Date form received by agency:	06/11/2009
Facility name:	RESINART CORPORATION
Facility address:	1621 PLACENTIA AVE COSTA MESA, CA 92627
EPA ID:	CAR000200923
Contact:	RHENDA D FOSTER
Contact address:	1621 PLACENTIA AVE COSTA MESA, CA 92627
Contact country:	US
Contact telephone:	949-642-3665
Telephone ext.:	13
Contact email:	RHENDA@RESINART.COM
EPA Region:	09
Land type:	Private
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	RESINART CORP
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	07/01/1969
Owner/Op end date:	Not reported
Owner/operator name:	GARY UECKER

Map ID
Direction
Distance
Elevation | Site | MAP FINDINGS | Database(s) | EDR ID Number EPA ID Number

RESINART CORPORATION (Continued) **1012176213**

Owner/operator address: 2940 CLIFF DR
NEWPORT BEACH, CA 92663
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 07/01/1969
Owner/Op end date: Not reported

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

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

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 06/08/2012
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/13/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

MAP FINDINGS

Map ID / Direction / Distance / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
F30		**RGA LUST**	**S114204349**
North	**1621 PLACENTIA AVENUE**		**N/A**
1/8-1/4	**COSTA MESA, CA**		
0.154 mi.			
814 ft.	**Site 5 of 7 in cluster F**		

Relative: Higher

Actual: 107 ft.

RGA LUST:

1998	HURLBERT ENTERPRISES	1621 PLACENTIA AVENUE
1997	HURLBERT ENTERPRISES	1621 PLACENTIA AVENUE
1996	HURLBERT ENTERPRISES	1621 PLACENTIA AVENUE
1995	HURLBERT ENTERPRISES	1621 PLACENTIA AVENUE
1994	HURLBERT ENTERPRISES	1621 PLACENTIA AVENUE
1993	HURLBERT ENTERPRISES	1621 PLACENTIA AVENUE

G31	**NEWPORT BEACH CORPORATE YARD**	**LUST**	**S108241203**
East	**592 SUPERIOR AVENUE**	**ENVIROSTOR**	**N/A**
1/8-1/4	**NEWPORT BEACH, CA 92660**	**RGA LUST**	
0.154 mi.			
814 ft.	**Site 1 of 6 in cluster G**		

Relative: Lower

Actual: 98 ft.

LUST:

Region:	STATE
Global Id:	T0605912872
Latitude:	33.63104
Longitude:	-117.927302
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	07/24/2013
Lead Agency:	ORANGE COUNTY LOP
Case Worker:	DB
Local Agency:	ORANGE COUNTY LOP
RB Case Number:	Not reported
LOC Case Number:	06UT006
File Location:	Local Agency
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Diesel
Site History:	Please refer to recent Site Documents or Monitoring Reports in GeoTracker for site history. Orange County is not responsible for the accuracy of any professional interpretations provided in reports submitted by consultants for the responsible party.

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

Contact:

Global Id:	T0605912872
Contact Type:	Local Agency Caseworker
Contact Name:	DENAMARIE BAKER
Organization Name:	ORANGE COUNTY LOP
Address:	1241 E. DYER ROAD, STE. 120
City:	SANTA ANA
Email:	dbaker@ochca.com
Phone Number:	7144336255

Global Id:	T0605912872
Contact Type:	Regional Board Caseworker
Contact Name:	CARL BERNHARDT
Organization Name:	SANTA ANA RWQCB (REGION 8)
Address:	3737 MAIN STREET, SUITE 500
City:	RIVERSIDE
Email:	cbernhardt@waterboards.ca.gov

NEWPORT BEACH CORPORATE YARD (Continued) **S108241203**

Phone Number: 9517824495

Status History:
Global Id: T0605912872
Status: Open - Case Begin Date
Status Date: 09/09/2005

Global Id: T0605912872
Status: Open - Site Assessment
Status Date: 02/21/2007

Global Id: T0605912872
Status: Open - Eligible for Closure
Status Date: 04/26/2013

Global Id: T0605912872
Status: Completed - Case Closed
Status Date: 07/24/2013

Regulatory Activities:
Global Id: T0605912872
Action Type: ENFORCEMENT
Date: 12/05/2006
Action: Notice of Responsibility

Global Id: T0605912872
Action Type: ENFORCEMENT
Date: 11/28/2007
Action: Staff Letter

Global Id: T0605912872
Action Type: ENFORCEMENT
Date: 09/15/2010
Action: File review

Global Id: T0605912872
Action Type: ENFORCEMENT
Date: 07/24/2013
Action: Closure/No Further Action Letter

Global Id: T0605912872
Action Type: ENFORCEMENT
Date: 10/17/2012
Action: Notification - Public Notice of Case Closure

Global Id: T0605912872
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

Global Id: T0605912872
Action Type: ENFORCEMENT
Date: 10/17/2012
Action: Notification - Public Notice of Case Closure

Global Id: T0605912872

NEWPORT BEACH CORPORATE YARD (Continued) **S108241203**

Action Type: ENFORCEMENT
Date: 10/17/2012
Action: Notification - Public Notice of Case Closure

Global Id: T0605912872
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0605912872
Action Type: ENFORCEMENT
Date: 09/26/2008
Action: Staff Letter

Global Id: T0605912872
Action Type: ENFORCEMENT
Date: 05/18/2011
Action: File review

Region: STATE
Global Id: T0605902297
Latitude: 33.6250801
Longitude: -117.9345589
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 12/21/1999
Lead Agency: ORANGE COUNTY LOP
Case Worker: DB
Local Agency: ORANGE COUNTY LOP
RB Case Number: 083003489T
LOC Case Number: 99UT036
File Location: Local Agency
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

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

Contact:
Global Id: T0605902297
Contact Type: Regional Board Caseworker
Contact Name: VALERIE JAHN-BULL
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: vjahn-bull@waterboards.ca.gov
Phone Number: 9517824903

Global Id: T0605902297
Contact Type: Local Agency Caseworker
Contact Name: DENAMARIE BAKER
Organization Name: ORANGE COUNTY LOP
Address: 1241 E. DYER ROAD, STE. 120
City: SANTA ANA
Email: dbaker@ochca.com
Phone Number: 7144336255

NEWPORT BEACH CORPORATE YARD (Continued) **S108241203**

Status History:

Global Id:	T0605902297
Status:	Open - Case Begin Date
Status Date:	04/27/1999
Global Id:	T0605902297
Status:	Completed - Case Closed
Status Date:	12/21/1999

Regulatory Activities:

Global Id:	T0605902297
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported
Global Id:	T0605902297
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Region:	STATE
Global Id:	T0605900088
Latitude:	33.6250801
Longitude:	-117.9345589
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	02/28/1991
Lead Agency:	ORANGE COUNTY LOP
Case Worker:	DB
Local Agency:	ORANGE COUNTY LOP
RB Case Number:	083000114T
LOC Case Number:	86UT123
File Location:	Local Agency
Potential Media Affect:	Soil
Potential Contaminants of Concern:	* Solvents, Gasoline
Site History:	Not reported

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

Contact:

Global Id:	T0605900088
Contact Type:	Local Agency Caseworker
Contact Name:	DENAMARIE BAKER
Organization Name:	ORANGE COUNTY LOP
Address:	1241 E. DYER ROAD, STE. 120
City:	SANTA ANA
Email:	dbaker@ochca.com
Phone Number:	7144336255
Global Id:	T0605900088
Contact Type:	Regional Board Caseworker
Contact Name:	CARL BERNHARDT
Organization Name:	SANTA ANA RWQCB (REGION 8)
Address:	3737 MAIN STREET, SUITE 500
City:	RIVERSIDE
Email:	cbernhardt@waterboards.ca.gov

NEWPORT BEACH CORPORATE YARD (Continued) **S108241203**

Phone Number: 9517824495

Status History:
Global Id: T0605900088
Status: Open - Case Begin Date
Status Date: 06/11/1986

Global Id: T0605900088
Status: Completed - Case Closed
Status Date: 02/28/1991

Regulatory Activities:
Global Id: T0605900088
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

Global Id: T0605900088
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Region: STATE
Global Id: T10000001116
Latitude: 33.632201
Longitude: -117.927131
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 04/28/2010
Lead Agency: ORANGE COUNTY LOP
Case Worker: DB
Local Agency: ORANGE COUNTY LOP
RB Case Number: Not reported
LOC Case Number: 09UT003
File Location: Local Agency
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Not reported
Site History: Not reported

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

Contact:
Global Id: T10000001116
Contact Type: Local Agency Caseworker
Contact Name: DENAMARIE BAKER
Organization Name: ORANGE COUNTY LOP
Address: 1241 E. DYER ROAD, STE. 120
City: SANTA ANA
Email: dbaker@ochca.com
Phone Number: 7144336255

Status History:
Global Id: T10000001116
Status: Open - Case Begin Date
Status Date: 04/21/2009

NEWPORT BEACH CORPORATE YARD (Continued) **S108241203**

Global Id: T10000001116
Status: Open - Site Assessment
Status Date: 05/14/2009

Global Id: T10000001116
Status: Completed - Case Closed
Status Date: 04/28/2010

Regulatory Activities:
Global Id: T10000001116
Action Type: ENFORCEMENT
Date: 07/01/2009
Action: Staff Letter

Global Id: T10000001116
Action Type: ENFORCEMENT
Date: 05/14/2009
Action: Staff Letter

Global Id: T10000001116
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

Global Id: T10000001116
Action Type: Other
Date: 01/01/1950
Action: Leak Stopped

Global Id: T10000001116
Action Type: ENFORCEMENT
Date: 05/14/2009
Action: Staff Letter

Global Id: T10000001116
Action Type: ENFORCEMENT
Date: 04/28/2010
Action: Staff Letter

Global Id: T10000001116
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

ORANGE CO. LUST:
Region: ORANGE
Facility Id: 99UT036
Current Status: Certification (Case Closed)
Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded
Date Closed: 12/21/1999
Case Type: Soil Only
Record ID: RO0001972

Region: ORANGE
Facility Id: 06UT006

NEWPORT BEACH CORPORATE YARD (Continued) **S108241203**

Current Status: Certification (Case Closed)
Released Substance: Diesel fuel oil and additives, Nos.1-D, 2-D, 2-4
Date Closed: 07/24/2013
Case Type: Undetermined
Record ID: RO0003418

Region: ORANGE
Facility Id: 09UT003
Current Status: Certification (Case Closed)
Released Substance: Unleaded gasoline
Date Closed: 04/28/2010
Case Type: Other Ground Water
Record ID: RO0003515

ENVIROSTOR:
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: * Mmonroy
Division Branch: Cleanup Cypress
Facility ID: 30760007
Site Code: Not reported
Assembly: 74
Senate: 37
Special Program: Not reported
Status: Refer: RWQCB
Status Date: 05/24/1995
Restricted Use: NO
Site Mgmt. Req.: NONE SPECIFIED
Funding: Not reported
Latitude: 33.6225
Longitude: -117.9391
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED, NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD983567447
Alias Type: EPA Identification Number
Alias Name: 30760007
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 04/25/1995
Comments: RWQCB INVESTIGATING THE HUGHES SITE FOR PCE AND TCE CONTAMINATION IN GROUNDWATER. 12/06/94 FILE INDICATES ORANGE CO HEALTH CARE AGENCY (OCHCA) ISSUED THE PERMIT TO OPERATE USTS. IN 1991 OCHCA REQUESTED AN INVESTIGATION OF A POSSIBLE UNDERGROUND FUEL STORAGE TANK THAT HAD BEEN REMOVED FROM THE SITE. OCHCA CONDUCTED A REMEDIAL INVESTIGATION THAT INCLUDED SUBSURFACE SAMPLING AT THE FORMER TANK AREA. SITE IS

NEWPORT BEACH CORPORATE YARD (Continued) **S108241203**

LOCATED ADJACENT TO HUGHES AIRCRAFT CO. HUGHES IS CURRENTLY UNDER INVESTIGATION BY RWQCB. NFA FOR DTSC.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	06/29/1992
Comments:	The Preliminary Assessment report was screened by R-4 staff. There are problems in the area of methane gas escaping when- ever excavation is done. The RWQCB is investigating the Hughes site for PCE and TCE contamination in groundwater. Staff recommends low priority PEA.
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

RGA LUST:

2012 NEWPORT BEACH CITY YARD 592 SUPERIOR
2012 NEWPORT BEACH CORP YARD 592 SUPERIOR
2012 CITY OF NEWPORT BEACH CORPORATE YARD - TANK #2 592 SUPERIOR AVENUE
2012 CITY OF NEWPORT BEACH CORPORATE YARD 592 SUPERIOR
2011 NEWPORT BEACH CORP YARD 592 SUPERIOR
2011 CITY OF NEWPORT BEACH CORPORATE YARD - TANK #2 592 SUPERIOR AVENUE
2011 NEWPORT BEACH CITY YARD 592 SUPERIOR
2011 CITY OF NEWPORT BEACH CORPORATE YARD 592 SUPERIOR
2010 CITY OF NEWPORT BEACH CORPORATE YARD 592 SUPERIOR
2010 CITY OF NEWPORT BEACH CORPORATE YARD - TANK #2 592 SUPERIOR AVENUE
2010 NEWPORT BEACH CITY YARD 592 SUPERIOR
2010 NEWPORT BEACH CORP YARD 592 SUPERIOR
2009 NEWPORT BEACH CORP YARD 592 SUPERIOR
2009 NEWPORT BEACH CITY YARD 592 SUPERIOR
2009 CITY OF NEWPORT BEACH CORPORATE YARD 592 SUPERIOR
2009 CITY OF NEWPORT BEACH CORPORATE YARD - TANK #2 592 SUPERIOR AVENUE
2008 NEWPORT BEACH CORP YARD 592 SUPERIOR
2008 NEWPORT BEACH CITY YARD 592 SUPERIOR
2008 CITY OF NEWPORT BEACH CORPORATE YARD 592 SUPERIOR
2007 NEWPORT BEACH CORP YARD 592 SUPERIOR
2007 NEWPORT BEACH CITY YARD 592 SUPERIOR
2007 CITY OF NEWPORT BEACH CORPORATE YARD 592 SUPERIOR
2006 NEWPORT BEACH CITY YARD 592 SUPERIOR
2006 NEWPORT BEACH CORP YARD 592 SUPERIOR
2005 NEWPORT BEACH CORP YARD 592 SUPERIOR
2005 NEWPORT BEACH CITY YARD 592 SUPERIOR
2000 NEWPORT BEACH CORP. YARD 592
2000 NEWPORT BEACH MAINTENACE YARD 592
1998 NEWPORT BEACH MAINTENACE YARD 592 SUPERIOR AVENUE

NEWPORT BEACH CORPORATE YARD (Continued) **S108241203**

1997	NEWPORT BEACH MAINTENACE YARD	592 SUPERIOR AVENUE
1996	NEWPORT BEACH, CITY OF -MAINT.	592 SUPERIOR AVENUE
1995	NEWPORT BEACH, CITY OF -MAINT.	592 SUPERIOR AVENUE
1994	NEWPORT BEACH, CITY OF -MAINT.	592 SUPERIOR AVENUE
1993	NEWPORT BEACH, CITY OF -MAINT.	592 SUPERIOR AVENUE
1992	NEWPORT BEACH, CITY OF MAINT.	592 SUPERIOR AVENUE

G32 **NEWPORT BEACH CORP YARD** **HIST CORTESE** **U001742946**
East **592 SUPERIOR AVE** **CA FID UST** **N/A**
1/8-1/4 **NEWPORT BEACH, CA 92663**
0.154 mi.
814 ft. **Site 2 of 6 in cluster G**

Relative:
Lower

Actual:
98 ft.

CORTESE:

Region:	CORTESE
Facility County Code:	30
Reg By:	LTNKA
Reg Id:	083003489T

CA FID UST:

Facility ID:	30007349
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	7146443080
Mail To:	Not reported
Mailing Address:	3300 NEWPORT BLVD P O BOX
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEWPORT BEACH 92663
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

G33 **NEWPORT BEACH CORPORATE YARD** **CERC-NFRAP** **1003877954**
East **592 SUPERIOR AVENUE** **CAD983567447**
1/8-1/4 **NEWPORT BEACH, CA 92658**
0.154 mi.
814 ft. **Site 3 of 6 in cluster G**

Relative:
Lower

Actual:
98 ft.

CERC-NFRAP:

Site ID:	0900029
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:	13051857.00000
Person ID:	9271184.00000
Contact Sequence ID:	13286471.00000

NEWPORT BEACH CORPORATE YARD (Continued) **1003877954**

Person ID: 13003854.00000

Contact Sequence ID: 13292066.00000
Person ID: 13003858.00000

Contact Sequence ID: 13297924.00000
Person ID: 13004003.00000

CERCLIS-NFRAP Assessment History:
Action: DISCOVERY
Date Started: / /
Date Completed: 09/24/90
Priority Level: Not reported

Action: ARCHIVE SITE
Date Started: / /
Date Completed: 03/31/92
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: / /
Date Completed: 03/31/92
Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

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G34 **CORPORATION YARD** **HIST UST** **U001577420**
East **592 SUPERIOR AVE** **N/A**
1/8-1/4 **NEWPORT BEACH, CA 92658**
0.154 mi.
814 ft. **Site 4 of 6 in cluster G**

Relative:
Lower

Actual:
98 ft.

HIST UST:
Region: STATE
Facility ID: 00000057041
Facility Type: Other
Other Type: MUNICIPAL CORP. YARD
Total Tanks: 0006
Contact Name: MEL KOEHN
Telephone: 7146443080
Owner Name: CITY OF NEWPORT BEACH
Owner Address: 3300 NEWPORT BLVD.
Owner City,St,Zip: NEWPORT BEACH, CA 926588915

Tank Num: 001
Container Num: 9
Year Installed: 1982
Tank Capacity: 00012000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: 10
Year Installed: 1982
Tank Capacity: 00012000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED

CORPORATION YARD (Continued) **U001577420**

Tank Construction: Not reported
Leak Detection: Stock Inventor

Tank Num: 003
Container Num: 11
Year Installed: 1973
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Tank Construction: Not reported
Leak Detection: Stock Inventor

Tank Num: 004
Container Num: 12
Year Installed: 1982
Tank Capacity: 00000550
Tank Used for: PRODUCT
Type of Fuel: Not reported
Tank Construction: Not reported
Leak Detection: Visual, Stock Inventor

Tank Num: 005
Container Num: 13
Year Installed: 1983
Tank Capacity: 00000550
Tank Used for: PRODUCT
Type of Fuel: Not reported
Tank Construction: Not reported
Leak Detection: Stock Inventor

Tank Num: 006
Container Num: 14
Year Installed: 1983
Tank Capacity: 00001000
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Tank Construction: Not reported
Leak Detection: Visual

G35 **NEWPORT BEACH CORP YARD** **SWF/LF** **U003433252**
East **592 SUPERIOR AVE** **LUST** **N/A**
1/8-1/4 **NEWPORT BEACH, CA 92663** **UST**
0.154 mi. **SWEEPS UST**
814 ft. **Site 5 of 6 in cluster G** **RGA LUST**

Relative:
Lower

Actual:
98 ft.

SWF/LF (SWIS):
Region: STATE
Facility ID: 30-AB-0361
Lat/Long: 33.6252399 / -117.93429
Owner Name: City Of Newport Beach
Owner Telephone: 9496443055
Owner Address: Not reported
Owner Address2: 3300 Newport Blvd.
Owner City,St,Zip: Newport Beach, CA 92658
Operational Status: Active
Operator: City Of Newport Beach
Operator Phone: 9496443055
Operator Address: Not reported

NEWPORT BEACH CORP YARD (Continued) **U003433252**

Operator Address2: 3300 Newport Blvd.
Operator City,St,Zip: Newport Beach, CA 92658
Permit Date: 06/25/2003
Permit Status: Permitted
Permitted Acreage: 8.2
Activity: Large Volume Transfer/Proc Facility
Regulation Status: Permitted
Landuse Name: Residential,Industrial
GIS Source: Map
Category: Transfer/Processing
Unit Number: 01
Inspection Frequency: Monthly
Accepted Waste: Construction/demolition,Mixed municipal
Closure Date: Not reported
Closure Type: Not reported
Disposal Acreage: Not reported
SWIS Num: 30-AB-0361
Waste Discharge Requirement Num: Not reported
Program Type: Not reported
Permitted Throughput with Units: 300
Actual Throughput with Units: Tons/day
Permitted Capacity with Units: 720
Remaining Capacity: Not reported
Remaining Capacity with Units: Cubic Yards

Region: STATE
Facility ID: 30-CR-0126
Lat/Long: 33.6317299 / -117.92728
Owner Name: City Of Newport Beach
Owner Telephone: 9496443055
Owner Address: Not reported
Owner Address2: 3300 Newport Blvd.
Owner City,St,Zip: Newport Beach, CA 92658
Operational Status: Closed
Operator: City Of Newport Beach
Operator Phone: 9496443055
Operator Address: Not reported
Operator Address2: 3300 Newport Blvd.
Operator City,St,Zip: Newport Beach, CA 92658
Permit Date: Not reported
Permit Status: Not reported
Permitted Acreage: 0
Activity: Solid Waste Disposal Site
Regulation Status: Pre-regulations
Landuse Name: Residential,Industrial,Commercial
GIS Source: Map
Category: Disposal
Unit Number: 01
Inspection Frequency: Annual
Accepted Waste: Not reported
Closure Date: Not reported
Closure Type: Not reported
Disposal Acreage: 0
SWIS Num: 30-CR-0126
Waste Discharge Requirement Num: Not reported
Program Type: Not reported
Permitted Throughput with Units: 0

NEWPORT BEACH CORP YARD (Continued) **U003433252**

Actual Throughput with Units: Not reported
Permitted Capacity with Units: 0
Remaining Capacity: 0
Remaining Capacity with Units: Not reported

ORANGE CO. LUST:
Region: ORANGE
Facility Id: 86UT123
Current Status: Certification (Case Closed)
Released Substance: Solvents
Date Closed: 02/28/1991
Case Type: Soil Only
Record ID: RO0001263

Region: ORANGE
Facility Id: 86UT123
Current Status: Not reported
Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded
Date Closed: 02/28/1991
Case Type: Not reported
Record ID: RO0001263

LUST REG 8:
Region: 8
County: Orange
Regional Board: Santa Ana Region
Facility Status: Case Closed
Case Number: 083000114T
Local Case Num: 86UT123
Case Type: Soil only
Substance: 13,8006619
Qty Leaked: 0
Abate Method: Not reported
Cross Street: Not reported
Enf Type: Not reported
Funding: Not reported
How Discovered: Tank Closure
How Stopped: Close Tank
Leak Cause: Unknown
Leak Source: Unknown
Global ID: T0605900088
How Stopped Date: 9/9/9999
Enter Date: Not reported
Date Confirmation of Leak Began: Not reported
Date Preliminary Assessment Began: Not reported
Discover Date: 6/11/1986
Enforcement Date: Not reported
Close Date: 2/28/1991
Date Prelim Assessment Workplan Submitted: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring: Not reported
Enter Date: Not reported
GW Qualifies: Not reported
Soil Qualifies: Not reported

NEWPORT BEACH CORP YARD (Continued) **U003433252**

Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.6259369
Longitude:	-117.9336175
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	CAB
Staff Initials:	JK
Lead Agency:	Local Agency
Local Agency:	30000L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Summary:	Not reported

UST:

Facility ID:	7024
Latitude:	33.63093
Longitude:	-117.92876

ORANGE CO. UST:

Facility ID:	FA0024709

SWEEPS UST:

Status:	Active
Comp Number:	7024
Number:	9
Board Of Equalization:	44-016557
Referral Date:	09-30-92
Action Date:	09-15-92
Created Date:	02-29-88
Tank Status:	A
Owner Tank Id:	Not reported
Swrcb Tank Id:	30-000-007024-000001
Actv Date:	Not reported
Capacity:	12000
Tank Use:	M.V. FUEL
Stg:	P
Content:	DIESEL
Number Of Tanks:	6

Status:	Active
Comp Number:	7024
Number:	9
Board Of Equalization:	44-016557
Referral Date:	09-30-92
Action Date:	09-15-92

NEWPORT BEACH CORP YARD (Continued) **U003433252**

Created Date: 02-29-88
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 30-000-007024-000005
Actv Date: Not reported
Capacity: 1000
Tank Use: PETROLEUM
Stg: P
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 7024
Number: 9
Board Of Equalization: 44-016557
Referral Date: 09-30-92
Action Date: 09-15-92
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 30-000-007024-000006
Actv Date: Not reported
Capacity: 12000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 7024
Number: 9
Board Of Equalization: 44-016557
Referral Date: 09-30-92
Action Date: 09-15-92
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 30-000-007024-000007
Actv Date: Not reported
Capacity: 12000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 7024
Number: 9
Board Of Equalization: 44-016557
Referral Date: 09-30-92
Action Date: 09-15-92
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 30-000-007024-000013
Actv Date: Not reported
Capacity: 550

NEWPORT BEACH CORP YARD (Continued) **U003433252**

Tank Use: M.V. FUEL
Stg: P
Content: OTHER
Number Of Tanks: Not reported

Status: Active
Comp Number: 7024
Number: 9
Board Of Equalization: 44-016557
Referral Date: 09-30-92
Action Date: 09-15-92
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 30-000-007024-000014
Actv Date: Not reported
Capacity: 1000
Tank Use: M.V. FUEL
Stg: P
Content: OTHER
Number Of Tanks: Not reported

RGA LUST:

2003	NEWPORT BEACH CITY YARD	592 SUPERIOR AVE
2003	NEWPORT BEACH CORP YARD	592 SUPERIOR AVE
2002	NEWPORT BEACH MAINTENACE YARD	592 SUPERIOR AVE
2002	NEWPORT BEACH CORP. YARD	592 SUPERIOR AVE
2001	NEWPORT BEACH MAINTENACE YARD	592 SUPERIOR AVE
2001	NEWPORT BEACH CORP. YARD	592 SUPERIOR AVE

G36 **HIST CORTESE** **S100231001**
East **592 SUPERIOR AVENUE** **LUST** **N/A**
1/8-1/4 **NEWPORT BEACH, CA 92663** **CHMIRS**
0.154 mi.
814 ft. **Site 6 of 6 in cluster G**

Relative:
Lower

Actual:
98 ft.

CORTESE:
Region: CORTESE
Facility County Code: 30
Reg By: LTNKA
Reg Id: 083000114T

LUST REG 8:
Region: 8
County: Orange
Regional Board: Santa Ana Region
Facility Status: Case Closed
Case Number: 083003489T
Local Case Num: 99UT036
Case Type: Soil only
Substance: Gasoline
Qty Leaked: 0
Abate Method: Not reported
Cross Street: Not reported
Enf Type: Not reported
Funding: Not reported
How Discovered: Tank Closure

(Continued) **S100231001**

How Stopped:	Close Tank
Leak Cause:	Unknown
Leak Source:	Unknown
Global ID:	T0605902297
How Stopped Date:	9/9/9999
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	4/27/1999
Enforcement Date:	Not reported
Close Date:	12/21/1999
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.6259369
Longitude:	-117.9336175
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	1
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
MTBE Class:	*
Staff:	VJJ
Staff Initials:	JK
Lead Agency:	Local Agency
Local Agency:	30000L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

CHMIRS:

OES Incident Number:	9099450
OES notification:	Not reported
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	21-AUG-90
Date Completed:	**21-AUG-90**
Property Use:	600
Agency Id Number:	30055
Agency Incident Number:	015902
Time Notified:	1330
Time Completed:	228
Surrounding Area:	600
Estimated Temperature:	Not reported

Map ID
Direction
Distance
Elevation | Site | MAP FINDINGS | Database(s) | EDR ID Number EPA ID Number

(Continued) **S100231001**

Property Management:	C
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	N
Resp Agncy Personel # Of Decontaminated:	0
Responding Agency Personel # Of Injuries:	0
Responding Agency Personel # Of Fatalities:	0
Others Number Of Decontaminated:	0
Others Number Of Injuries:	0
Others Number Of Fatalities:	0
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA/DOT/PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	A.J. WAGNER, B/C
Report Date:	08-OCT-90
Comments:	Y
Facility Telephone:	714 644-3103
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	88-92
Agency:	Not reported
Incident Date:	Not reported
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Not reported
Site Type:	Not reported
E Date:	03-JUN-91
Substance:	Not reported
Quantity Released:	Not reported
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported

(Continued) **S100231001**

Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
Description:	Not reported
OES Incident Number:	9099510
OES notification:	Not reported
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	06-SEP-90
Date Completed:	**06-SEP-90**
Property Use:	Not reported
Agency Id Number:	30055
Agency Incident Number:	017042
Time Notified:	855
Time Completed:	1030
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	C
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	N
Resp Agncy Personel # Of Decontaminated:	0
Responding Agency Personel # Of Injuries:	0
Responding Agency Personel # Of Fatalities:	0
Others Number Of Decontaminated:	0
Others Number Of Injuries:	0
Others Number Of Fatalities:	0
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA/DOT/PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	A.J. WAGNER, B/C
Report Date:	08-OCT-90
Comments:	Y
Facility Telephone:	714 644-3103
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	88-92
Agency:	Not reported
Incident Date:	Not reported
Admin Agency:	Not reported
Amount:	Not reported

Map ID
Direction
Distance
Elevation | Site | MAP FINDINGS | Database(s) | EDR ID Number EPA ID Number

(Continued) **S100231001**

Contained:	Not reported
Site Type:	Not reported
E Date:	05-JUN-91
Substance:	Not reported
Quantity Released:	Not reported
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
Description:	Not reported
OES Incident Number:	9100722
OES notification:	Not reported
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	12-AUG-91
Date Completed:	**12-AUG-91**
Property Use:	Not reported
Agency Id Number:	30055
Agency Incident Number:	114017
Time Notified:	252
Time Completed:	744
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	N
Resp Agncy Personel # Of Decontaminated:	0
Responding Agency Personel # Of Injuries:	0
Responding Agency Personel # Of Fatalities:	0
Others Number Of Decontaminated:	0
Others Number Of Injuries:	0
Others Number Of Fatalities:	0
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA/DOT/PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	B/C A.J. WAGNER

(Continued) **S100231001**

Report Date:	07-OCT-91
Comments:	Y
Facility Telephone:	714 644-3103
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	88-92
Agency:	Not reported
Incident Date:	Not reported
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Not reported
Site Type:	Not reported
E Date:	27-JUL-92
Substance:	Not reported
Quantity Released:	Not reported
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
Description:	Not reported
OES Incident Number:	9100730
OES notification:	Not reported
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	15-AUG-91
Date Completed:	**15-AUG-91**
Property Use:	Not reported
Agency Id Number:	30055
Agency Incident Number:	114202
Time Notified:	0
Time Completed:	0
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
Special Studies 1:	Not reported
Special Studies 2:	Not reported

Map ID
Direction
Distance
Elevation | Site | MAP FINDINGS | Database(s) | EDR ID Number EPA ID Number

(Continued) **S100231001**

Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	N
Resp Agncy Personel # Of Decontaminated:	0
Responding Agency Personel # Of Injuries:	0
Responding Agency Personel # Of Fatalities:	0
Others Number Of Decontaminated:	0
Others Number Of Injuries:	0
Others Number Of Fatalities:	0
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA/DOT/PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	B/C A.J. WAGNER
Report Date:	07-OCT-91
Comments:	Y
Facility Telephone:	714 644-3103
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	88-92
Agency:	Not reported
Incident Date:	Not reported
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Not reported
Site Type:	Not reported
E Date:	28-JUL-92
Substance:	Not reported
Quantity Released:	Not reported
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported

Map ID
Direction
Distance
Elevation | Site | MAP FINDINGS | Database(s) | EDR ID Number EPA ID Number

(Continued) **S100231001**

Description: Not reported

F37 **RESINART CORPORATION** **RCRA-LQG** **1000255670**
North **1621 PLACENTIA AVE** **EMI** **CAD982478810**
1/8-1/4 **COSTA MESA, CA 92627**
0.163 mi.
863 ft. **Site 6 of 7 in cluster F**

Relative:
Higher

Actual:
107 ft.

RCRA-LQG:

Date form received by agency:	06/13/2008
Facility name:	RESINART CORPORATION
Facility address:	1621 PLACENTIA AVE COSTA MESA, CA 92627
EPA ID:	CAD982478810
Contact:	GENE L CHANDLER
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	(949) 642-3665
Telephone ext.:	15
Contact email:	GENE@RESINART.COM
EPA Region:	09
Land type:	Private
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	GARY DECKER
Owner/operator address:	1621 PLACENTIA AVE COSTA MESA, CA 92627
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/1983
Owner/Op end date:	Not reported
Owner/operator name:	BOB NASH
Owner/operator address:	Not reported Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	10/01/2006
Owner/Op end date:	Not reported

RESINART CORPORATION (Continued) **1000255670**

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: 02/28/2006
Facility name: RESINART CORPORATION
Classification: Small Quantity Generator

Date form received by agency: 10/12/2000
Facility name: RESINART CORPORATION
Classification: Large Quantity Generator

Date form received by agency: 03/04/1999
Facility name: RESINART CORPORATION
Site name: RESINART CORP.
Classification: Large Quantity Generator

Date form received by agency: 09/01/1996
Facility name: RESINART CORPORATION
Site name: RESINART CORP
Classification: Large Quantity Generator

Date form received by agency: 06/20/1988
Facility name: RESINART CORPORATION
Site name: RESINART CORP
Classification: Small Quantity Generator

Hazardous Waste Summary:

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

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT

RESINART CORPORATION (Continued) **1000255670**

NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Facility Has Received Notices of Violations:
- Regulation violated: Not reported
- Area of violation: Generators - General
- Date violation determined: 05/11/2004
- Date achieved compliance: 05/12/2004
- Violation lead agency: State
  - Enforcement action: WRITTEN INFORMAL
  - Enforcement action date: 05/11/2004
  - Enf. disposition status: Not reported
  - Enf. disp. status date: Not reported
  - Enforcement lead agency: State
  - Proposed penalty amount: Not reported
  - Final penalty amount: Not reported
  - Paid penalty amount: Not reported

Evaluation Action Summary:
- Evaluation date: 06/09/2011
- Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
- Area of violation: Not reported
- Date achieved compliance: Not reported
- Evaluation lead agency: State

- Evaluation date: 04/01/2009
- Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
- Area of violation: Not reported
- Date achieved compliance: Not reported
- Evaluation lead agency: State

- Evaluation date: 06/13/2005
- Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
- Area of violation: Not reported
- Date achieved compliance: Not reported
- Evaluation lead agency: State Contractor/Grantee

- Evaluation date: 07/19/2004
- Evaluation: FOCUSED COMPLIANCE INSPECTION
- Area of violation: Not reported
- Date achieved compliance: Not reported
- Evaluation lead agency: State Contractor/Grantee

- Evaluation date: 05/11/2004
- Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
- Area of violation: Generators - General
- Date achieved compliance: 05/12/2004
- Evaluation lead agency: State Contractor/Grantee

EMI:
- Year: 1987
- County Code: 30
- Air Basin: SC

Map ID
Direction
Distance
Elevation | Site | MAP FINDINGS | Database(s) | EDR ID Number EPA ID Number

RESINART CORPORATION (Continued) **1000255670**

Facility ID:	20302
Air District Name:	SC
SIC Code:	3089
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	5
Reactive Organic Gases Tons/Yr:	4
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1990
County Code:	30
Air Basin:	SC
Facility ID:	20302
Air District Name:	SC
SIC Code:	3089
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:	10
Reactive Organic Gases Tons/Yr:	9
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

Year:	1995
County Code:	30
Air Basin:	SC
Facility ID:	20302
Air District Name:	SC
SIC Code:	3089
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:	46
Reactive Organic Gases Tons/Yr:	7
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

MAP FINDINGS

Map ID / Direction / Distance / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
F38	**CRYSTALINER CORPORATION**	**RCRA-SQG**	**1000387869**
North	**1626 PLACENTIA AVENUE**	**FINDS**	**CAD981573165**
1/8-1/4	**COSTA MESA, CA**	**NPDES**	
0.167 mi.		**EMI**	
881 ft.	**Site 7 of 7 in cluster F**		

Relative: Higher

Actual: 107 ft.

RCRA-SQG:

Date form received by agency:	09/01/1996
Facility name:	CRYSTALINER CORPORATION
Facility address:	1626 PLACENTIA AVENUE COSTA MESA, CA 92627
EPA ID:	CAD981573165
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	09
Land type:	Facility is not located on Indian land. Additional information is not known.
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

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

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

Handler Activities Summary:

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

CRYSTALINER CORPORATION (Continued) **1000387869**

Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 09/26/1986
Facility name: CRYSTALINER CORPORATION
Classification: Large Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 08/01/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

FINDS:

Registry ID: 110002719069

Environmental Interest/Information System
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NPDES:
Npdes Number: CAS000001
Facility Status: Terminated
Agency Id: 0
Region: 8
Regulatory Measure Id: 208720
Order No: 97-03-DWQ
Regulatory Measure Type: Enrollee
Place Id: Not reported
WDID: 8 30I010420
Program Type: Industrial
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 08/11/1993
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: 03/04/2013
Discharge Name: Crystaliner
Discharge Address: 1626 Placentia Ave

Map ID
Direction
Distance
Elevation | Site | MAP FINDINGS | Database(s) | EDR ID Number
EPA ID Number

CRYSTALINER CORPORATION (Continued) **1000387869**

Discharge City:	Costa Mesa
Discharge State:	California
Discharge Zip:	92627

EMI:

Year:	1987
County Code:	30
Air Basin:	SC
Facility ID:	9270
Air District Name:	SC
SIC Code:	3229
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1990
County Code:	30
Air Basin:	SC
Facility ID:	9270
Air District Name:	SC
SIC Code:	3229
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:	9
Reactive Organic Gases Tons/Yr:	6
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

Year:	1993
County Code:	30
Air Basin:	SC
Facility ID:	9270
Air District Name:	SC
SIC Code:	3229
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1995

CRYSTALINER CORPORATION (Continued) **1000387869**

County Code:	30
Air Basin:	SC
Facility ID:	9270
Air District Name:	SC
SIC Code:	3229
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1996
County Code:	30
Air Basin:	SC
Facility ID:	9270
Air District Name:	SC
SIC Code:	3229
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

H39 **RODENBECK IMPORT SERVICE** **UST** **U003782299**
NE **728 W 16TH ST** **N/A**
1/8-1/4 **COSTA MESA, CA 92627**
0.169 mi.
892 ft. **Site 1 of 6 in cluster H**

Relative:
Lower

Actual:
103 ft.

UST:

Facility ID:	3078
Latitude:	33.63256
Longitude:	-117.92899

H40 **EDR US Hist Auto Stat** **1015618128**
NE **728 W 16TH ST** **N/A**
1/8-1/4 **COSTA MESA, CA 92627**
0.169 mi.
892 ft. **Site 2 of 6 in cluster H**

Relative:
Lower

Actual:
103 ft.

EDR Historical Auto Stations:

Name:	NEWPORT AUTO TECH CTR
Year:	2002
Address:	728 W 16TH ST
Name:	NEWPORT AUTO TECH CTR

MAP FINDINGS

Map ID / Direction / Distance / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number

(Continued) **1015618128**

Year: 2003
Address: 728 W 16TH ST

Name: NEWPORT AUTOTECH CTR
Year: 2004
Address: 728 W 16TH ST

Name: ALBA TRANSMISSIONS
Year: 2005
Address: 728 W 16TH ST

Name: NEWPORT AUTOTECH CENTER
Year: 2006
Address: 728 W 16TH ST

Name: NEWPORT AUTOTECH CENTER
Year: 2007
Address: 728 W 16TH ST

Name: NEWPORT AUTOTECH CENTER
Year: 2008
Address: 728 W 16TH ST

Name: S AUTO REPAIR
Year: 2009
Address: 728 W 16TH ST

Name: NEWPORT AUTOTECH CTR
Year: 2010
Address: 728 W 16TH ST

Name: E S AUTO REPAIR
Year: 2011
Address: 728 W 16TH ST

Name: S AUTO REPAIR
Year: 2012
Address: 728 W 16TH ST

41
WNW
1/8-1/4
0.170 mi.
899 ft.

AERO DESIGN PRODUCTS, INC
845 W 16TH ST
NEWPORT BEACH, CA

RCRA-SQG **1000325107**
FINDS **CAD009310483**
HAZNET
EMI

Relative:
Higher

Actual:
109 ft.

RCRA-SQG:
Date form received by agency: 09/01/1996
Facility name: AERO DESIGN PRODUCTS, INC
Facility address: 845 W 16TH ST
NEWPORT BEACH, CA 92663
EPA ID: CAD009310483
Mailing address: W 16TH ST
NEWPORT BEACH, CA 92663
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: Not reported

AERO DESIGN PRODUCTS, INC (Continued) **1000325107**

Contact email: Not reported
EPA Region: 09
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

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

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

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

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 06/02/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

AERO DESIGN PRODUCTS, INC (Continued) **1000325107**

FINDS:

Registry ID: 110002636354

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:

Year:	2003
Gepaid:	CAD009310483
Contact:	DEACT NON-DELIV. PER 95 FEES -
Telephone:	--
Mailing Name:	Not reported
Mailing Address:	845 W 16TH ST
Mailing City,St,Zip:	NEWPORT BEACH, CA 926630000
Gen County:	Not reported
TSD EPA ID:	CAD981696420
TSD County:	Not reported
Waste Category:	Unspecified oil-containing waste
Disposal Method:	Recycler
Tons:	2.71
Facility County:	Orange

Year:	2000
Gepaid:	CAD009310483
Contact:	DEACT NON-DELIV. PER 95 FEES -
Telephone:	--
Mailing Name:	Not reported
Mailing Address:	845 W 16TH ST
Mailing City,St,Zip:	NEWPORT BEACH, CA 926630000
Gen County:	Not reported
TSD EPA ID:	CAD089446710
TSD County:	Not reported
Waste Category:	Aqueous solution with total organic residues 10 percent or more
Disposal Method:	Recycler
Tons:	2.41
Facility County:	Orange

Year:	2000
Gepaid:	CAD009310483
Contact:	DEACT NON-DELIV. PER 95 FEES -
Telephone:	--
Mailing Name:	Not reported
Mailing Address:	845 W 16TH ST
Mailing City,St,Zip:	NEWPORT BEACH, CA 926630000
Gen County:	Not reported
TSD EPA ID:	CAD089446710
TSD County:	Not reported
Waste Category:	Other organic solids
Disposal Method:	Disposal, Land Fill

AERO DESIGN PRODUCTS, INC (Continued) **1000325107**

Tons: 0.6
Facility County: Orange

Year: 1995
Gepaid: CAD009310483
Contact: Not reported
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 845 W 16TH ST
Mailing City,St,Zip: NEWPORT BEACH, CA 926630000
Gen County: Not reported
TSD EPA ID: CAT080013352
TSD County: Not reported
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Tons: 13.7610
Facility County: Orange

EMI:
Year: 1987
County Code: 30
Air Basin: SC
Facility ID: 7731
Air District Name: SC
SIC Code: 3679
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
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

Year: 2002
County Code: 30
Air Basin: SC
Facility ID: 121124
Air District Name: SC
SIC Code: 3714
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2003
County Code: 30
Air Basin: SC
Facility ID: 121124

AERO DESIGN PRODUCTS, INC (Continued) **1000325107**

Air District Name:	SC
SIC Code:	3714
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2004
County Code:	30
Air Basin:	SC
Facility ID:	121124
Air District Name:	SC
SIC Code:	3714
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.493199
Reactive Organic Gases Tons/Yr:	1.44
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0.0189
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0.01

H42 **EDR US Hist Auto Stat** **1015616957**
NE **724 W 16TH ST** **N/A**
1/8-1/4 **COSTA MESA, CA 92627**
0.177 mi.
932 ft. **Site 3 of 6 in cluster H**

Relative:
Lower

Actual:
101 ft.

EDR Historical Auto Stations:

Name:	STRASSE AUTOMOTIVE BODY SHOP
Year:	1999
Address:	724 W 16TH ST

Name:	STRASSE AUTOMOTIVE
Year:	2001
Address:	724 W 16TH ST

Name:	RICHARDS PAINT & BODY SHOP
Year:	2002
Address:	724 W 16TH ST

Name:	RICHARDS PAINT & BODY SHOP
Year:	2003
Address:	724 W 16TH ST

Name:	STRASSE AUTOMOTIVE BODY SHOP
Year:	2004
Address:	724 W 16TH ST

Name:	STRASSE AUTOMOTIVE

Map ID / Direction / Distance / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
	MAP FINDINGS		

(Continued) **1015616957**

Year: 2005
Address: 724 W 16TH ST

H43 **ROBIN MILLER CLASSIC** **RCRA-SQG** **1000255371**
NE **724 W 16TH ST** **FINDS** **CAD981973860**
1/8-1/4 **COSTA MESA, CA 92627**
0.177 mi.
932 ft. **Site 4 of 6 in cluster H**

Relative:
Lower

Actual:
101 ft.

RCRA-SQG:
Date form received by agency: 05/07/1987
Facility name: ROBIN MILLER CLASSIC
Facility address: 724 W 16TH ST
COSTA MESA, CA 92627
EPA ID: CAD981973860
Mailing address: W 16TH ST
COSTA MESA, CA 92627
Contact: ENVIRONMENTAL MANAGER
Contact address: 724 W 16TH ST
COSTA MESA, CA 92627
Contact country: US
Contact telephone: (714) 548-2993
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

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

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

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

ROBIN MILLER CLASSIC (Continued) **1000255371**

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

Violation Status: No violations found

FINDS:

Registry ID: 110002761253

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

I44 **MACGREGOR YACHT CORP** **NPDES** **U001576886**
North **1631 PLACENTIA AVE** **HIST UST** **N/A**
1/8-1/4 **COSTA MESA, CA 92627**
0.178 mi.
939 ft. **Site 1 of 5 in cluster I**

Relative:
Higher

Actual:
107 ft.

NPDES:

Npdes Number:	CAS000001
Facility Status:	Terminated
Agency Id:	0
Region:	8
Regulatory Measure Id:	288921
Order No:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place Id:	Not reported
WDID:	8 30I019524
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	05/20/2005
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	06/24/2013
Discharge Name:	Macgregor Yacht Corp
Discharge Address:	1631 Placentia Ave
Discharge City:	Costa Mesa
Discharge State:	California
Discharge Zip:	92627

HIST UST:

Region:	STATE
Facility ID:	00000000663
Facility Type:	Other

MACGREGOR YACHT CORP (Continued) **U001576886**

Other Type: YACHT BUILDING
Total Tanks: 0002
Contact Name: R.N. MACGREGOR
Telephone: 7146426830
Owner Name: MACGREGOR YACHT CORP
Owner Address: 1631 PLACENTIA
Owner City,St,Zip: COSTA MESA, CA 92627

Tank Num: 001
Container Num: 1
Year Installed: 1972
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Tank Construction: Not reported
Leak Detection: None

Tank Num: 002
Container Num: 2
Year Installed: 1970
Tank Capacity: 00007500
Tank Used for: PRODUCT
Type of Fuel: Not reported
Tank Construction: Not reported
Leak Detection: Stock Inventor

I45 **RGA LUST** **S114204506**
North **1631 PLACENTIA AVENUE** **N/A**
1/8-1/4 **COSTA MESA, CA**
0.178 mi.
939 ft. **Site 2 of 5 in cluster I**

Relative:
Higher

Actual:
107 ft.

RGA LUST:

1996	MAC GREGOR YACHT	1631 PLACENTIA AVENUE
1995	MAC GREGOR YACHT	1631 PLACENTIA AVENUE
1994	MAC GREGOR YACHT	1631 PLACENTIA AVENUE
1993	MAC GREGOR YACHT	1631 PLACENTIA AVENUE

I46 **MAC GREGOR YATCH CORP** **UST** **U003783908**
North **1631 PLACENTIA AVE** **EMI** **N/A**
1/8-1/4 **COSTA MESA, CA 92627**
0.178 mi.
939 ft. **Site 3 of 5 in cluster I**

Relative:
Higher

Actual:
107 ft.

UST:
Facility ID: 6891
Latitude: 33.63375
Longitude: -117.93191

EMI:
Year: 1987
County Code: 30
Air Basin: SC
Facility ID: 14146
Air District Name: SC
SIC Code: 3732

MAC GREGOR YATCH CORP (Continued) **U003783908**

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:	57
Reactive Organic Gases Tons/Yr:	19
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

Year:	1990
County Code:	30
Air Basin:	SC
Facility ID:	14146
Air District Name:	SC
SIC Code:	3732
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:	41
Reactive Organic Gases Tons/Yr:	21
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

Year:	1995
County Code:	30
Air Basin:	SC
Facility ID:	14146
Air District Name:	SC
SIC Code:	3732
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:	47
Reactive Organic Gases Tons/Yr:	31
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

Year:	1997
County Code:	30
Air Basin:	SC
Facility ID:	14146
Air District Name:	SC
SIC Code:	3732
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:	100
Reactive Organic Gases Tons/Yr:	72
Carbon Monoxide Emissions Tons/Yr:	0

Map ID
Direction
Distance
Elevation | Site | MAP FINDINGS | Database(s) | EDR ID Number EPA ID Number

MAC GREGOR YATCH CORP (Continued) **U003783908**

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:	1998
County Code:	30
Air Basin:	SC
Facility ID:	14146
Air District Name:	SC
SIC Code:	3732
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:	62
Reactive Organic Gases Tons/Yr:	46
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
Year:	1999
County Code:	30
Air Basin:	SC
Facility ID:	14146
Air District Name:	SC
SIC Code:	3732
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:	100
Reactive Organic Gases Tons/Yr:	72
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
Year:	2000
County Code:	30
Air Basin:	SC
Facility ID:	14146
Air District Name:	SC
SIC Code:	3732
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:	100
Reactive Organic Gases Tons/Yr:	72
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
Year:	2001

Map ID
Direction
Distance
Elevation | Site | MAP FINDINGS | Database(s) | EDR ID Number
EPA ID Number

MAC GREGOR YATCH CORP (Continued) **U003783908**

County Code:	30
Air Basin:	SC
Facility ID:	14146
Air District Name:	SC
SIC Code:	3732
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Y
Consolidated Emission Reporting Rule:	B
Total Organic Hydrocarbon Gases Tons/Yr:	57
Reactive Organic Gases Tons/Yr:	41
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

Year:	2009
County Code:	30
Air Basin:	SC
Facility ID:	14146
Air District Name:	SC
SIC Code:	3732
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:	8.9229783645784106
Reactive Organic Gases Tons/Yr:	7.1795
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

Year:	2010
County Code:	30
Air Basin:	SC
Facility ID:	14146
Air District Name:	SC
SIC Code:	3732
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:	15.280262393658299
Reactive Organic Gases Tons/Yr:	11.06884
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

MAP FINDINGS

Map ID / Direction / Distance / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
H47		**EDR US Hist Auto Stat**	**1015616235**
ENE	**722 W 16TH ST**		**N/A**
1/8-1/4	**COSTA MESA, CA 92627**		
0.180 mi.			
952 ft.	**Site 5 of 6 in cluster H**		
Relative:	EDR Historical Auto Stations:		
Lower	Name: RICHARDS PAINT & BODY SHOP		
	Year: 2001		
Actual:	Address: 722 W 16TH ST		
99 ft.			
	Name: RICHARDS PAINT & BODY SHOP		
	Year: 2004		
	Address: 722 W 16TH ST		
	Name: RICHARDS PAINT & BODY SHOP		
	Year: 2005		
	Address: 722 W 16TH ST		
	Name: RICHARDS PAINT & BODY SHOP		
	Year: 2006		
	Address: 722 W 16TH ST		
	Name: RICHARDS PAINT & BODY SHOP		
	Year: 2007		
	Address: 722 W 16TH ST		
	Name: RICHARDS PAINT & BODY SHOP		
	Year: 2008		
	Address: 722 W 16TH ST		
	Name: RICHARDS PAINT & BODY SHOP		
	Year: 2009		
	Address: 722 W 16TH ST		
	Name: RICHARDS PAINT & BODY SHOP		
	Year: 2010		
	Address: 722 W 16TH ST		
	Name: AUTO STRASSE CORP		
	Year: 2011		
	Address: 722 W 16TH ST		
	Name: AUTO STRASSE CORP		
	Year: 2012		
	Address: 722 W 16TH ST		

H48		**EDR US Hist Auto Stat**	**1015613629**
ENE	**716 W 16TH ST**		**N/A**
1/8-1/4	**COSTA MESA, CA 92627**		
0.192 mi.			
1013 ft.	**Site 6 of 6 in cluster H**		
Relative:	EDR Historical Auto Stations:		
Lower	Name: HEINZ FOREIGN CAR SERVICE		
	Year: 2002		
Actual:	Address: 716 W 16TH ST		
91 ft.			
	Name: HEINZ FOREIGN CAR SERVICE		
	Year: 2005		

MAP FINDINGS

Map ID / Direction / Distance / Elevation | Site | Database(s) | EDR ID Number / EPA ID Number

(Continued) **1015613629**

Address: 716 W 16TH ST

Name: HEINZ FOREIGN CAR SERVICE
Year: 2006
Address: 716 W 16TH ST

Name: HEINZ FOREIGN CAR SERVICE
Year: 2007
Address: 716 W 16TH ST

Name: HEINZ FOREIGN CAR SERVICE
Year: 2008
Address: 716 W 16TH ST

I49 **NISSAN TOYOTA SERVICE** **RCRA-SQG** **1001023139**
North **1638 PLACENTIA UNIT D** **FINDS** **CAR000004978**
1/8-1/4 **COSTA MESA, CA 92627**
0.196 mi.
1037 ft. **Site 4 of 5 in cluster I**

Relative:
Higher

Actual:
107 ft.

RCRA-SQG:
Date form received by agency: 07/26/1991
Facility name: NISSAN TOYOTA SERVICE
Facility address: 1638 PLACENTIA UNIT D
COSTA MESA, CA 92627
EPA ID: CAR000004978
Contact: DAVE MEGENS
Contact address: 1638 PLACENTIA UNIT D
COSTA MESA, CA 92627
Contact country: US
Contact telephone: (714) 722-6387
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: DAVE MEGENS
Owner/operator address: 1638 PLACENTIA UNIT D
COSTA MESA, CA 92627
Owner/operator country: Not reported
Owner/operator telephone: (714) 722-6387
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No

Map ID
Direction
Distance
Elevation | Site | MAP FINDINGS | Database(s) | EDR ID Number EPA ID Number

NISSAN TOYOTA SERVICE (Continued) **1001023139**

Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002907481

Environmental Interest/Information System

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

I50 **EDR US Hist Auto Stat** **1015258908**
North **1638 PLACENTIA AVE** **N/A**
1/8-1/4 **COSTA MESA, CA 92627**
0.196 mi.
1037 ft. **Site 5 of 5 in cluster I**

Relative: Higher

Actual: 107 ft.

EDR Historical Auto Stations:

Name: SMOG CHECK STATIONS
Year: 1999
Address: 1638 PLACENTIA AVE

Name: MIKES AUTOMOTIVE
Year: 2001
Address: 1638 PLACENTIA AVE

Name: JAPANESE & ENGLISH CAR SERVICE
Year: 2002
Address: 1638 PLACENTIA AVE

Name: JAPANESE & ENGLISH CAR SERVICE
Year: 2003
Address: 1638 PLACENTIA AVE

Name: MIKES AUTOMOTIVE
Year: 2005
Address: 1638 PLACENTIA AVE

(Continued) **1015258908**

Name: MIKES AUTOMOTIVE
Year: 2006
Address: 1638 PLACENTIA AVE

Name: MIKES AUTOMOTIVE
Year: 2007
Address: 1638 PLACENTIA AVE

Name: MIKES AUTOMOTIVE
Year: 2008
Address: 1638 PLACENTIA AVE

Name: DAVES INDEPENDENT AUTOMOTIVE
Year: 2009
Address: 1638 PLACENTIA AVE

Name: DAVES INDEPENDENT AUTOMOTIVE
Year: 2010
Address: 1638 PLACENTIA AVE

Name: MIKES AUTOMOTIVE
Year: 2011
Address: 1638 PLACENTIA AVE

Name: MIKES AUTOMOTIVE
Year: 2012
Address: 1638 PLACENTIA AVE

51
ENE
1/8-1/4
0.203 mi.
1074 ft.

710 W 16TH ST
COSTA MESA, CA 92627

EDR US Hist Auto Stat **1015610868**
N/A

Relative:
Lower

Actual:
83 ft.

EDR Historical Auto Stations:

Name: A WATKINS PAINT & COLLISION CENTER
Year: 1999
Address: 710 W 16TH ST

Name: WATKINS PAINT & COLLISION CTR
Year: 2001
Address: 710 W 16TH ST

Name: WATKINS PAINT & COLLISION CTR
Year: 2002
Address: 710 W 16TH ST

Name: A WATKINS COLLISION CTR
Year: 2003
Address: 710 W 16TH ST

Name: A WATKINS COLLISION CTR
Year: 2004
Address: 710 W 16TH ST

Name: A WATKINS COLLISION CENTER
Year: 2005
Address: 710 W 16TH ST

(Continued) **1015610868**

Name: A WATKINS PAINT & COLLISION
Year: 2010
Address: 710 W 16TH ST

Name: A WATKINS COLLISION CENTER
Year: 2011
Address: 710 W 16TH ST

Name: A WATKINS COLLISION CENTER
Year: 2012
Address: 710 W 16TH ST

J52 **CHIC CLEANERS** **RCRA-SQG** **1000165671**
South **1495 SUPERIOR AVE** **FINDS** **CAD981621196**
1/8-1/4 **NEWPORT BEACH, CA** **DRYCLEANERS**
0.207 mi. **HAZNET**
1095 ft. **Site 1 of 2 in cluster J** **EMI**

Relative:
Lower

Actual:
95 ft.

RCRA-SQG:
Date form received by agency: 02/12/1987
Facility name: CHIC CLEANERS
Facility address: 1495 SUPERIOR AVE
NEWPORT BEACH, CA 92663
EPA ID: CAD981621196
Contact: ENVIRONMENTAL MANAGER
Contact address: 1495 SUPERIOR AVE
NEWPORT BEACH, CA 92663
Contact country: US
Contact telephone: (714) 646-9613
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

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

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

CHIC CLEANERS (Continued) **1000165671**

Owner/Op end date: Not reported

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

Violation Status: No violations found

FINDS:

Registry ID: 110002726970

Environmental Interest/Information System
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

DRYCLEANERS:
EPA Id: CAD981621196
NAICS Code: 81232
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)
SIC Code: 7211
SIC Description: Power Laundries, Family and Commercial
Create Date: 07/03/1987
Facility Active: No
Inactive Date: 06/30/2007
Facility Addr2: Not reported
Owner Name: DOO H. CHANG
Owner Address: --
Owner Address 2: Not reported
Owner Telephone: 9496469613
Contact Name: DOO H. CHANG
Contact Address: --
Contact Address 2: Not reported
Contact Telephone: --

CHIC CLEANERS (Continued) **1000165671**

HAZNET:

Year:	2005
Gepaid:	CAD981621196
Contact:	DOO H. CHANG
Telephone:	--
Mailing Name:	Not reported
Mailing Address:	1495 SUPERIOR AVE
Mailing City,St,Zip:	NEWPORT BEACH, CA 926630000
Gen County:	Not reported
TSD EPA ID:	CAT000613893
TSD County:	Not reported
Waste Category:	Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method:	Transfer Station
Tons:	0.51
Facility County:	Orange

Year:	2004
Gepaid:	CAD981621196
Contact:	DOO H. CHANG
Telephone:	--
Mailing Name:	Not reported
Mailing Address:	1495 SUPERIOR AVE
Mailing City,St,Zip:	NEWPORT BEACH, CA 926630000
Gen County:	Not reported
TSD EPA ID:	NVR000076158
TSD County:	Not reported
Waste Category:	Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method:	Not reported
Tons:	0.17
Facility County:	Orange

Year:	2004
Gepaid:	CAD981621196
Contact:	DOO H. CHANG
Telephone:	--
Mailing Name:	Not reported
Mailing Address:	1495 SUPERIOR AVE
Mailing City,St,Zip:	NEWPORT BEACH, CA 926630000
Gen County:	Not reported
TSD EPA ID:	NVR000076158
TSD County:	Not reported
Waste Category:	Aqueous solution with total organic residues less than 10 percent
Disposal Method:	Not reported
Tons:	Not reported
Facility County:	Orange

Year:	1998
Gepaid:	CAD981621196
Contact:	DOO H. CHANG
Telephone:	9496469613
Mailing Name:	Not reported
Mailing Address:	1495 SUPERIOR AVE
Mailing City,St,Zip:	NEWPORT BEACH, CA 926630000
Gen County:	Not reported
TSD EPA ID:	CAT000613976
TSD County:	Not reported

CHIC CLEANERS (Continued) **1000165671**

Waste Category: Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: Transfer Station
Tons: .5200
Facility County: Orange

Year: 1997
Gepaid: CAD981621196
Contact: DOO H. CHANG
Telephone: 9496469613
Mailing Name: Not reported
Mailing Address: 1495 SUPERIOR AVE
Mailing City,St,Zip: NEWPORT BEACH, CA 926630000
Gen County: Not reported
TSD EPA ID: CAT000613976
TSD County: Not reported
Waste Category: Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: Transfer Station
Tons: .3355
Facility County: Orange

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

EMI:

Year:	1987
County Code:	30
Air Basin:	SC
Facility ID:	53977
Air District Name:	SC
SIC Code:	7216
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1990
County Code:	30
Air Basin:	SC
Facility ID:	81866
Air District Name:	SC
SIC Code:	7216
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

MAP FINDINGS

Map ID / Direction / Distance / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
J53		**EDR US Hist Cleaners**	**1014995557**
South	**1495 SUPERIOR AVE**		**N/A**
1/8-1/4	**NEWPORT BEACH, CA 92663**		
0.209 mi.			
1106 ft.	**Site 2 of 2 in cluster J**		

Relative: **Lower**

Actual: **95 ft.**

EDR Historical Cleaners:

Name:	CHIC CLEANERS
Year:	1999
Address:	1495 SUPERIOR AVE
Name:	CHIC CLEANERS
Year:	2003
Address:	1495 SUPERIOR AVE
Name:	CHIC CLEANERS
Year:	2004
Address:	1495 SUPERIOR AVE
Name:	CHIC CLEANERS
Year:	2005
Address:	1495 SUPERIOR AVE
Name:	CHIC CLEANERS
Year:	2006
Address:	1495 SUPERIOR AVE
Name:	CHIC CLEANERS
Year:	2007
Address:	1495 SUPERIOR AVE
Name:	CHIC CLEANERS
Year:	2008
Address:	1495 SUPERIOR AVE
Name:	CHIC CLEANERS
Year:	2010
Address:	1495 SUPERIOR AVE
Name:	CHIC CLEANERS
Year:	2011
Address:	1495 SUPERIOR AVE
Name:	CHIC CLEANERS
Year:	2012
Address:	1495 SUPERIOR AVE

Map ID / Direction / Distance / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
K54	**HARTMAN ENTERPRISES**	**CERCLIS**	**1012043063**
NE	**741 OHMS WAY**		**CAN000908685**
1/8-1/4	**COSTA MESA, CA 92627**		
0.218 mi.			
1152 ft.	**Site 1 of 12 in cluster K**		

Relative: **Lower**

Actual: **84 ft.**

CERCLIS:

Site ID:	0908685
EPA ID:	CAN000908685
Facility County:	ORANGE
Short Name:	HARTMAN ENTERPRISES
Congressional District:	Not reported
IFMS ID:	Not reported

HARTMAN ENTERPRISES (Continued) **1012043063**

SMSA Number:	Not reported
USGC Hydro Unit:	Not reported
Federal Facility:	Not a Federal Facility
DMNSN Number:	0.00000
Site Orphan Flag:	Not reported
RCRA ID:	Not reported
USGS Quadrangle:	Not reported
Site Init By Prog:	S
NFRAP Flag:	Not reported
Parent ID:	Not reported
RST Code:	Not reported
EPA Region:	09
Classification:	Not reported
Site Settings Code:	Not reported
NPL Status:	Not on the NPL
DMNSN Unit Code:	Not reported
RBRAC Code:	Not reported
RResp Fed Agency Code:	Not reported
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information
Non NPL Status Date:	06/01/10
Site Fips Code:	06059
CC Concurrence Date:	/ /
CC Concurrence FY:	Not reported
Alias EPA ID:	Not reported
Site FUDS Flag:	Not reported

CERCLIS Site Contact Name(s):

Contact ID:	9271184.00000
Contact Name:	Not reported
Contact Tel:	Not reported
Contact Title:	Site Assessment Manager (SAM)
Contact Email:	Not reported

Contact ID:	13003854.00000
Contact Name:	Not reported
Contact Tel:	Not reported
Contact Title:	Site Assessment Manager (SAM)
Contact Email:	Not reported

Contact ID:	13003858.00000
Contact Name:	Not reported
Contact Tel:	Not reported
Contact Title:	Site Assessment Manager (SAM)
Contact Email:	Not reported

Contact ID:	13004003.00000
Contact Name:	Not reported
Contact Tel:	Not reported
Contact Title:	Site Assessment Manager (SAM)
Contact Email:	Not reported

CERCLIS Site Alias Name(s):

Alias ID:	101
Alias Name:	HARTMAN ENTRERPRISES
Alias Address:	741 OHMS WAY COSTA MESA, CA 926274305

HARTMAN ENTERPRISES (Continued) **1012043063**

Alias Comments: Not reported
Site Description: Not reported

CERCLIS Assessment History:

Action Code: 001
Action: DISCOVERY
Date Started: / /
Date Completed: 02/11/09
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 001
Action: PRE-CERCLIS SCREENING
Date Started: / /
Date Completed: 02/11/09
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 001
Action: PRELIMINARY ASSESSMENT
Date Started: / /
Date Completed: 06/01/10
Priority Level: NFRAP-Site does not qualify for the NPL based on existing information
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

K55 **HARTMAN ENTERPRISES** **HIST CORTESE** **S100181946**
NE **741 OHMS WAY** **EMI** **N/A**
1/8-1/4 **COSTA MESA, CA 92627** **ENVIROSTOR**
0.218 mi.
1152 ft. **Site 2 of 12 in cluster K**

Relative:
Lower

Actual:
84 ft.

CORTESE:
Region: CORTESE
Facility County Code: 30
Reg By: CALSI
Reg Id: 30370007

EMI:
Year: 1987
County Code: 30
Air Basin: SC
Facility ID: 16872

Map ID
Direction
Distance
Elevation | Site | MAP FINDINGS | Database(s) | EDR ID Number EPA ID Number

HARTMAN ENTERPRISES (Continued) **S100181946**

Air District Name:	SC
SIC Code:	3079
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

Year:	1990
County Code:	30
Air Basin:	SC
Facility ID:	16872
Air District Name:	SC
SIC Code:	5015
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

ENVIROSTOR:

Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	0
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	* Greg Holmes
Division Branch:	Cleanup Cypress
Facility ID:	30370007
Site Code:	Not reported
Assembly:	74
Senate:	37
Special Program:	EPA - PASI
Status:	Inactive - Needs Evaluation
Status Date:	11/09/2010
Restricted Use:	NO
Site Mgmt. Req.:	NONE SPECIFIED
Funding:	EPA Grant
Latitude:	33.63315
Longitude:	-117.9295
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	* CONTAMINATED SOIL, * UNSPECIFIED SOLVENT MIXTURES, * POLYMERIC RESIN WASTE
Confirmed COC:	* CONTAMINATED SOIL, * UNSPECIFIED SOLVENT MIXTURES, * POLYMERIC

HARTMAN ENTERPRISES (Continued) **S100181946**

RESIN WASTE, NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 30370007
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: PA/SI Reassessment
Completed Date: 02/11/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 04/30/1987
Comments: SITE SCREENING DONE RATIONALE FOR PA: NEED MORE INFORMATION.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 05/01/1987
Comments: SITE SCREENING DONE FURTHER RECORD SEARCH REQ'D.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

K56 **RGA LUST** **S114237857**
NE **735 OHMS WY** **N/A**
1/8-1/4 **COSTA MESA, CA**
0.221 mi.
1168 ft. **Site 3 of 12 in cluster K**

Relative:
Lower

RGA LUST:
2003 SMITH AND SONS PROPERTIES 735 OHMS WY

Actual:
82 ft.

K57 **SMITH AND SONS PROPERTIES** **HIST CORTESE** **S102437669**
NE **735 OHMS WAY** **LUST** **N/A**
1/8-1/4 **COSTA MESA, CA 92627** **RGA LUST**
0.221 mi.
1168 ft. **Site 4 of 12 in cluster K**

Relative:
Lower

CORTESE:
Region: CORTESE
Facility County Code: 30
Actual:
82 ft.
Reg By: LTNKA
Reg Id: 083001684T

LUST:

SMITH AND SONS PROPERTIES (Continued) **S102437669**

Region:	STATE
Global Id:	T0605901270
Latitude:	33.633131
Longitude:	-117.929355
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	03/11/1991
Lead Agency:	ORANGE COUNTY LOP
Case Worker:	DB
Local Agency:	ORANGE COUNTY LOP
RB Case Number:	083001684T
LOC Case Number:	90UT256
File Location:	Local Agency
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

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

Contact:

Global Id:	T0605901270
Contact Type:	Local Agency Caseworker
Contact Name:	DENAMARIE BAKER
Organization Name:	ORANGE COUNTY LOP
Address:	1241 E. DYER ROAD, STE. 120
City:	SANTA ANA
Email:	dbaker@ochca.com
Phone Number:	7144336255

Global Id:	T0605901270
Contact Type:	Regional Board Caseworker
Contact Name:	PATRICIA HANNON
Organization Name:	SANTA ANA RWQCB (REGION 8)
Address:	3737 MAIN STREET, SUITE 500
City:	RIVERSIDE
Email:	phannon@waterboards.ca.gov
Phone Number:	Not reported

Status History:

Global Id:	T0605901270
Status:	Open - Case Begin Date
Status Date:	08/16/1990

Global Id:	T0605901270
Status:	Completed - Case Closed
Status Date:	03/11/1991

Regulatory Activities:

Global Id:	T0605901270
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Global Id:	T0605901270
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

SMITH AND SONS PROPERTIES (Continued) **S102437669**

ORANGE CO. LUST:

Region:	ORANGE
Facility Id:	90UT256
Current Status:	Certification (Case Closed)
Released Substance:	Unleaded gasoline
Date Closed:	03/11/1991
Case Type:	Soil Only
Record ID:	RO0000731

LUST REG 8:

Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083001684T
Local Case Num:	90UT256
Case Type:	Soil only
Substance:	Unleaded Gasoline
Qty Leaked:	0
Abate Method:	Not reported
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Close Tank
Leak Cause:	Unknown
Leak Source:	Unknown
Global ID:	T0605901270
How Stopped Date:	9/9/9999
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	8/16/1990
Enforcement Date:	Not reported
Close Date:	3/11/1991
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.6339687
Longitude:	-117.9280583
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	1
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
MTBE Class:	*

SMITH AND SONS PROPERTIES (Continued) **S102437669**

Staff:	PAH
Staff Initials:	AR
Lead Agency:	Local Agency
Local Agency:	30000L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Summary:	Not reported

RGA LUST:

2012	SMITH AND SONS PROPERTIES	735 OHMS
2011	SMITH AND SONS PROPERTIES	735 OHMS
2010	SMITH AND SONS PROPERTIES	735 OHMS
2009	SMITH AND SONS PROPERTIES	735 OHMS
2008	SMITH AND SONS PROPERTIES	735 OHMS
2007	SMITH AND SONS PROPERTIES	735 OHMS
2006	SMITH AND SONS PROPERTIES	735 OHMS
2005	SMITH AND SONS PROPERTIES	735 OHMS
2002	SMITH AND SONS PROPERTIES	735 OHMS WAY
2001	SMITH AND SONS PROPERTIES	735 OHMS WAY
2000	SMITH AND SONS PROPERTIES	735
1998	SMITH AND SONS PROPERTIES	735 OHMS WAY
1997	SMITH AND SONS PROPERTIES	735 OHMS WAY
1996	SMITH AND SONS PROPERTIES	735 OHMS WAY
1995	SMITH AND SONS PROPERTIES	735 OHMS WAY
1994	SMITH AND SONS PROPERTIES	735 OHMS WAY
1993	SMITH AND SONS PROPERTIES	735 OHMS WAY
1992	SMITH AND SONS PROPERTIES	735 OHMS WAY

K58 **SMITH & SONS PROPERTIES** **UST** **U003941753**
NE **735 OHMS WAY** **N/A**
1/8-1/4 **COSTA MESA, CA 92627**
0.221 mi.
1168 ft. **Site 5 of 12 in cluster K**

Relative:
Lower

UST:
Facility ID: 10930
Latitude: 33.63344

Actual:
82 ft.

Longitude: -117.92874

K59 **STRASSE AUTOMOTIVE INC** **UST** **U003785313**
NE **729 OHMS WAY** **N/A**
1/8-1/4 **COSTA MESA, CA 92627**
0.222 mi.
1173 ft. **Site 6 of 12 in cluster K**

Relative:
Lower

UST:
Facility ID: 9257
Latitude: 33.63344

Actual:
81 ft.

Longitude: -117.92868

Map ID
Direction
Distance
Elevation | Site | MAP FINDINGS | Database(s) | EDR ID Number EPA ID Number

K60
NE
1/8-1/4
0.222 mi.
1173 ft.

729 OHMS WAY
COSTA MESA, CA 92627

Site 7 of 12 in cluster K

EDR US Hist Auto Stat **1015618281**
N/A

Relative:
Lower

Actual:
81 ft.

EDR Historical Auto Stations:

Name: STRASSE AUTOMOTIVE INCORPORATED
Year: 1999
Address: 729 OHMS WAY

Name: STRASSE AUTOMOTIVE INC
Year: 2001
Address: 729 OHMS WAY

Name: STRASSE AUTOMOTIVE INC
Year: 2002
Address: 729 OHMS WAY

Name: STRASSE AUTOMOTIVE INC
Year: 2003
Address: 729 OHMS WAY

Name: STRASSE AUTOMOTIVE INC
Year: 2004
Address: 729 OHMS WAY

Name: STRASSE AUTOMOTIVE INC
Year: 2005
Address: 729 OHMS WAY

Name: AUTO STRASSE CORP
Year: 2006
Address: 729 OHMS WAY

Name: AUTO STRASSE CORP
Year: 2007
Address: 729 OHMS WAY

Name: AUTO STRASSE CORP
Year: 2008
Address: 729 OHMS WAY

Name: AUTO STRASSE CORP
Year: 2009
Address: 729 OHMS WAY

Name: AUTO STRASSE CORP
Year: 2010
Address: 729 OHMS WAY

Name: AUTO STRASSE CORP
Year: 2011
Address: 729 OHMS WAY

MAP FINDINGS

Map ID / Direction / Distance / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
K61	**1601 HIGHLAND DR.**	**HIST UST**	**U001576862**
NE	**722 OHMS WAY**		**N/A**
1/8-1/4	**COSTA MESA, CA 92627**		
0.229 mi.			
1207 ft.	**Site 8 of 12 in cluster K**		
Relative:	HIST UST:		
Lower	Region: STATE		
	Facility ID: 00000015179		
Actual:	Facility Type: Other		
79 ft.	Other Type: PRIVATE TANK		
	Total Tanks: 0001		
	Contact Name: Not reported		
	Telephone: 7146456780		
	Owner Name: RICHARD E. GOEHRING		
	Owner Address: 1601 HIGHLAND DR.		
	Owner City,St,Zip: NEWPORT BEACH, CA 92660		
	Tank Num: 001		
	Container Num: 1		
	Year Installed: 1974		
	Tank Capacity: 00003000		
	Tank Used for: PRODUCT		
	Type of Fuel: PREMIUM		
	Tank Construction: Not reported		
	Leak Detection: Visual, None		

K62	**FORDS AUTOMOTIVE SERVICE**	**UST**	**U003713378**
NE	**705 OHMS WAY**		**N/A**
1/8-1/4	**COSTA MESA, CA 92627**		
0.238 mi.			
1255 ft.	**Site 9 of 12 in cluster K**		
Relative:	UST:		
Lower	Facility ID: 3062		
	Latitude: 33.63344		
Actual:	Longitude: -117.92844		
76 ft.			

K63	**FORD'S AUTOMOTIVE**	**HIST CORTESE**	**S102430117**
NE	**705 OHMS WAY**	**LUST**	**N/A**
1/8-1/4	**COSTA MESA, CA 92627**	**RGA LUST**	
0.238 mi.			
1255 ft.	**Site 10 of 12 in cluster K**		
Relative:	CORTESE:		
Lower	Region: CORTESE		
	Facility County Code: 30		
Actual:	Reg By: LTNKA		
76 ft.	Reg Id: 083001907T		
	LUST:		
	Region: STATE		
	Global Id: T0605901421		
	Latitude: 33.633155		
	Longitude: -117.928253		
	Case Type: LUST Cleanup Site		
	Status: Completed - Case Closed		
	Status Date: 04/16/1993		

FORD'S AUTOMOTIVE (Continued) **S102430117**

Lead Agency:	ORANGE COUNTY LOP
Case Worker:	DB
Local Agency:	ORANGE COUNTY LOP
RB Case Number:	083001907T
LOC Case Number:	91UT085
File Location:	Local Agency
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Waste Oil / Motor / Hydraulic / Lubricating
Site History:	Not reported

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

Contact:

Global Id:	T0605901421
Contact Type:	Local Agency Caseworker
Contact Name:	DENAMARIE BAKER
Organization Name:	ORANGE COUNTY LOP
Address:	1241 E. DYER ROAD, STE. 120
City:	SANTA ANA
Email:	dbaker@ochca.com
Phone Number:	7144336255

Global Id:	T0605901421
Contact Type:	Regional Board Caseworker
Contact Name:	CARL BERNHARDT
Organization Name:	SANTA ANA RWQCB (REGION 8)
Address:	3737 MAIN STREET, SUITE 500
City:	RIVERSIDE
Email:	cbernhardt@waterboards.ca.gov
Phone Number:	9517824495

Status History:

Global Id:	T0605901421
Status:	Open - Case Begin Date
Status Date:	07/30/1991

Global Id:	T0605901421
Status:	Completed - Case Closed
Status Date:	04/16/1993

Regulatory Activities:

Global Id:	T0605901421
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Global Id:	T0605901421
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

ORANGE CO. LUST:

Region:	ORANGE
Facility Id:	91UT085
Current Status:	Certification (Case Closed)

FORD'S AUTOMOTIVE (Continued) **S102430117**

Released Substance: Waste oil/Used oil
Date Closed: 04/16/1993
Case Type: Soil Only
Record ID: RO0002920

LUST REG 8:

Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083001907T
Local Case Num:	91UT085
Case Type:	Soil only
Substance:	Waste Oil
Qty Leaked:	0
Abate Method:	Not reported
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Close Tank
Leak Cause:	Unknown
Leak Source:	Unknown
Global ID:	T0605901421
How Stopped Date:	9/9/9999
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	7/30/1991
Enforcement Date:	Not reported
Close Date:	4/16/1993
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.6343447
Longitude:	-117.9280583
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	CAB
Staff Initials:	AR
Lead Agency:	Local Agency
Local Agency:	30000L
Hydr Basin #:	Not reported

Map ID
Direction
Distance
Elevation | Site | MAP FINDINGS | Database(s) | EDR ID Number EPA ID Number

FORD'S AUTOMOTIVE (Continued) **S102430117**

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

RGA LUST:

2012	FORD'S AUTOMOTIVE	705 OHMS
2011	FORD'S AUTOMOTIVE	705 OHMS
2010	FORD'S AUTOMOTIVE	705 OHMS
2009	FORD'S AUTOMOTIVE	705 OHMS
2008	FORD'S AUTOMOTIVE	705 OHMS
2007	FORD'S AUTOMOTIVE	705 OHMS
2006	FORD'S AUTOMOTIVE	705 OHMS
2005	FORD'S AUTOMOTIVE	705 OHMS
2002	FORD'S AUTOMOTIVE	705 OHMS WAY
2001	FORD'S AUTOMOTIVE	705 OHMS WAY
2000	FORD'S AUTOMOTIVE	705
1998	FORD'S AUTOMOTIVE	705 OHMS WAY
1997	FORD'S AUTOMOTIVE	705 OHMS WAY
1996	FORD'S AUTOMOTIVE	705 OHMS WAY
1995	FORD'S AUTOMOTIVE	705 OHMS WAY
1994	FORD'S AUTOMOTIVE	705 OHMS WAY
1993	FORD'S AUTOMOTIVE	705 OHMS WAY

K64 **EDR US Hist Auto Stat** **1015608378**
NE **705 OHMS WAY** **N/A**
1/8-1/4 **COSTA MESA, CA 92627**
0.238 mi.
1255 ft. **Site 11 of 12 in cluster K**

Relative:
Lower

Actual:
76 ft.

EDR Historical Auto Stations:

Name: FORDS AUTOMOTIVE SERVICE
Year: 2001
Address: 705 OHMS WAY

Name: FORDS AUTOMOTIVE SERVICE
Year: 2002
Address: 705 OHMS WAY

Name: FORDS AUTOMOTIVE SERVICE
Year: 2003
Address: 705 OHMS WAY

Name: FORDS AUTOMOTIVE SERVICE CORP
Year: 2004
Address: 705 OHMS WAY

Name: FORDS AUTOMOTIVE SERVICE CORP
Year: 2006
Address: 705 OHMS WAY

Name: FORDS AUTOMOTIVE SERVICE CORP
Year: 2007
Address: 705 OHMS WAY

Name: FORDS AUTOMOTIVE SERVICE

MAP FINDINGS

Map ID / Direction / Distance / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number

(Continued) **1015608378**

Year: 2008
Address: 705 OHMS WAY

Name: FORDS AUTOMOTIVE SERVICE
Year: 2009
Address: 705 OHMS WAY

Name: FORDS AUTOMOTIVE SVC
Year: 2010
Address: 705 OHMS WAY

Name: FORDS AUTOMOTIVE SERVICE
Year: 2011
Address: 705 OHMS WAY

Name: FORDS AUTOMOTIVE SERVICE
Year: 2012
Address: 705 OHMS WAY

K65 **RGA LUST** **S114236888**
NE **705 OHMS WY** **N/A**
1/8-1/4 **COSTA MESA, CA**
0.238 mi.
1255 ft. **Site 12 of 12 in cluster K**

Relative:
Lower

RGA LUST:
2003 FORDS AUTOMOTIVE 705 OHMS WY

Actual:
76 ft.

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66 **NEWPORT BEACH CITY LANDFILL** **WMUDS/SWAT** **S103442638**
SE **DANA RD & FLAGSHIP RD** **N/A**
1/8-1/4 **NEWPORT BEACH, CA**
0.243 mi.
1283 ft.

Relative:
Lower

Actual:
86 ft.

WMUDS/SWAT:

Edit Date:	Not reported
Complexity:	Not reported
Primary Waste:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Base Meridian:	Not reported
NPID:	Not reported
Tonnage:	0
Regional Board ID:	Not reported
Municipal Solid Waste:	False
Superorder:	False
Open To Public:	False
Waste List:	False
Agency Type:	Not reported
Agency Name:	CITY OF NEWPORT BEACH
Agency Department:	Not reported
Agency Address:	P.O. BOX 1768
Agency City,St,Zip:	NEWPORT BEACH 92663
Agency Contact:	Not reported
Agency Telephone:	Not reported

NEWPORT BEACH CITY LANDFILL (Continued) **S103442638**

Land Owner Name:	Not reported
Land Owner Address:	Not reported
Land Owner City,St,Zip:	CA
Land Owner Contact:	Not reported
Land Owner Phone:	Not reported
Region:	8
Facility Type:	Not reported
Facility Description:	Not reported
Facility Telephone:	Not reported
SWAT Facility Name:	Not reported
Primary SIC:	Not reported
Secondary SIC:	Not reported
Comments:	Not reported
Last Facility Editors:	Not reported
Waste Discharge System:	False
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:	CITY OF NEWPORT BEACH
Threat to Water Quality:	Not reported
Sub Chapter 15:	False
Regional Board Project Officer:	MA
Number of WMUDS at Facility:	1
Section Range:	BLOCK 2, IRV
RCRA Facility:	Not reported
Waste Discharge Requirements:	Not reported
Self-Monitoring Rept. Frequency:	Not reported
Waste Discharge System ID:	8 300074NUR
Solid Waste Information ID:	Not reported

L67 **PENNYSAVER** **RCRA-SQG** **1000323844**
North **1660 PLACENTIA AVENUE** **FINDS** **CAD982520587**
1/8-1/4 **COSTA MESA, CA** **HIST CORTESE**
0.249 mi. **LUST**
1314 ft. **Site 1 of 5 in cluster L** **EMI**
RGA LUST

Relative:
Higher

Actual:
107 ft.

RCRA-SQG:

Date form received by agency:	05/15/1989
Facility name:	PENNYSAVER
Facility address:	1660 PLACENTIA AVENUE COSTA MESA, CA 92627
EPA ID:	CAD982520587
Mailing address:	PLACENTIA AVENUE COSTA MESA, CA 92627
Contact:	ENVIRONMENTAL MANAGER
Contact address:	1660 PLACENTIA AVENUE COSTA MESA, CA 92627
Contact country:	US
Contact telephone:	(714) 642-0811
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

PENNYSAVER (Continued) **1000323844**

hazardous waste at any time

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

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

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

Violation Status: No violations found

FINDS:

Registry ID: 110002840490

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

CORTESE:

PENNYSAVER (Continued) **1000323844**

Region: CORTESE
Facility County Code: 30
Reg By: LTNKA
Reg Id: 083002138T

LUST:
Region: STATE
Global Id: T0605901578
Latitude: 33.6346487
Longitude: -117.9318575
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 08/27/1992
Lead Agency: ORANGE COUNTY LOP
Case Worker: DB
Local Agency: ORANGE COUNTY LOP
RB Case Number: 083002138T
LOC Case Number: 92UT095
File Location: Local Agency
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

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

Contact:
Global Id: T0605901578
Contact Type: Regional Board Caseworker
Contact Name: CARL BERNHARDT
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: cbernhardt@waterboards.ca.gov
Phone Number: 9517824495

Global Id: T0605901578
Contact Type: Local Agency Caseworker
Contact Name: DENAMARIE BAKER
Organization Name: ORANGE COUNTY LOP
Address: 1241 E. DYER ROAD, STE. 120
City: SANTA ANA
Email: dbaker@ochca.com
Phone Number: 7144336255

Status History:
Global Id: T0605901578
Status: Open - Case Begin Date
Status Date: 08/07/1992

Global Id: T0605901578
Status: Completed - Case Closed
Status Date: 08/27/1992

Regulatory Activities:
Global Id: T0605901578
Action Type: Other

PENNYSAVER (Continued) **1000323844**

Date: 01/01/1950
Action: Leak Reported

Global Id: T0605901578
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

ORANGE CO. LUST:
Region: ORANGE
Facility Id: 92UT095
Current Status: Certification (Case Closed)
Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded
Date Closed: 08/27/1992
Case Type: Soil Only
Record ID: RO0000824

LUST REG 8:
Region: 8
County: Orange
Regional Board: Santa Ana Region
Facility Status: Case Closed
Case Number: 083002138T
Local Case Num: 92UT095
Case Type: Soil only
Substance: Gasoline
Qty Leaked: 0
Abate Method: Not reported
Cross Street: Not reported
Enf Type: Not reported
Funding: Not reported
How Discovered: Tank Closure
How Stopped: Close Tank
Leak Cause: Unknown
Leak Source: Unknown
Global ID: T0605901578
How Stopped Date: 9/9/9999
Enter Date: Not reported
Date Confirmation of Leak Began: Not reported
Date Preliminary Assessment Began: Not reported
Discover Date: 8/7/1992
Enforcement Date: Not reported
Close Date: 8/27/1992
Date Prelim Assessment Workplan Submitted: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring: Not reported
Enter Date: Not reported
GW Qualifies: Not reported
Soil Qualifies: Not reported
Operator: Not reported
Facility Contact: Not reported
Interim: Not reported
Oversite Program: LUST

Map ID
Direction
Distance
Elevation | Site | MAP FINDINGS | Database(s) | EDR ID Number EPA ID Number

PENNYSAVER (Continued) **1000323844**

Latitude:	33.6346556
Longitude:	-117.9317564
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	1
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
MTBE Class:	*
Staff:	CAB
Staff Initials:	AR
Lead Agency:	Local Agency
Local Agency:	30000L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

EMI:

Year:	1990
County Code:	30
Air Basin:	SC
Facility ID:	11542
Air District Name:	SC
SIC Code:	2721
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

RGA LUST:

2012	PENNYSAVER	1660 PLACENTIA
2011	PENNYSAVER	1660 PLACENTIA
2010	PENNYSAVER	1660 PLACENTIA
2009	PENNYSAVER	1660 PLACENTIA
2008	PENNYSAVER	1660 PLACENTIA
2007	PENNYSAVER	1660 PLACENTIA
2006	PENNYSAVER	1660 PLACENTIA
2005	PENNYSAVER	1660 PLACENTIA
2003	PENNYSAVER	1660 PLACENTIA AVE
2002	PENNYSAVER	1660 PLACENTIA AVE
2001	PENNYSAVER	1660 PLACENTIA AVE
2000	PENNYSAVER	1660

MAP FINDINGS

Map ID / Direction / Distance / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
L68		**RGA LUST**	**S114204937**
North	**1660 PLACENTIA AVENUE**		**N/A**
1/8-1/4	**COSTA MESA, CA**		
0.249 mi.			
1314 ft.	**Site 2 of 5 in cluster L**		
Relative: Higher	RGA LUST:		
	1998 PENNYSAVER 1660 PLACENTIA AVENUE		
Actual: 107 ft.	1997 PENNYSAVER 1660 PLACENTIA AVENUE		
	1996 PENNYSAVER 1660 PLACENTIA AVENUE		
	1995 PENNYSAVER 1660 PLACENTIA AVENUE		
	1994 PENNYSAVER 1660 PLACENTIA AVENUE		
	1993 PENNYSAVER 1660 PLACENTIA AVENUE		

L69	**HC VAN AUSDELN PUBLSH-PENNYSVR**	**UST**	**U003804726**
North	**1660 PLACENTIA AVE**	**SWEEPS UST**	**N/A**
1/8-1/4	**COSTA MESA, CA 92627**		
0.249 mi.			
1314 ft.	**Site 3 of 5 in cluster L**		

Relative: Higher

Actual: 107 ft.

UST:

Facility ID:	162
Latitude:	33.63464
Longitude:	-117.93188

SWEEPS UST:

Status:	Active
Comp Number:	162
Number:	9
Board Of Equalization:	44-015753
Referral Date:	09-30-92
Action Date:	06-18-92
Created Date:	02-29-88
Tank Status:	A
Owner Tank Id:	Not reported
Swrcb Tank Id:	30-000-000162-000004
Actv Date:	Not reported
Capacity:	5000
Tank Use:	M.V. FUEL
Stg:	P
Content:	REG UNLEADED
Number Of Tanks:	2

Status:	Active
Comp Number:	162
Number:	9
Board Of Equalization:	44-015753
Referral Date:	09-30-92
Action Date:	06-18-92
Created Date:	02-29-88
Tank Status:	A
Owner Tank Id:	Not reported
Swrcb Tank Id:	30-000-000162-000005
Actv Date:	Not reported
Capacity:	5000
Tank Use:	M.V. FUEL
Stg:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

MAP FINDINGS

Map ID / Direction / Distance / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
L70 **North** **1/8-1/4** **0.249 mi.** **1314 ft.** **Relative: Higher** **Actual: 107 ft.**	**H.C. VAN AUSDELN, INC.** **1660 PLACENTIA AVE** **COSTA MESA, CA 92627** **Site 4 of 5 in cluster L**	**HIST UST**	**U001576882** **N/A**

HIST UST:

Region:	STATE
Facility ID:	00000020353
Facility Type:	Other
Other Type:	PUBLISHER
Total Tanks:	0000
Contact Name:	JUDI STROMGREN
Telephone:	7146420811
Owner Name:	H.C. VAN AUSDELN, INC.
Owner Address:	1660 PLACENTIA AVENUE
Owner City,St,Zip:	COSTA MESA, CA 92626
Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	Not reported
Type of Fuel:	Not reported
Tank Construction:	Not reported
Leak Detection:	None

Map ID / Direction / Distance / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
L71 **North** **1/8-1/4** **0.249 mi.** **1314 ft.** **Relative: Higher** **Actual: 107 ft.**	**HC VAN AUSDELN PUBLSH-PENNYSVR** **1660 PLACENTIA AVE** **COSTA MESA, CA 92627** **Site 5 of 5 in cluster L**	**CA FID UST**	**S101589349** **N/A**

CA FID UST:

Facility ID:	30007578
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	7146410149
Mail To:	Not reported
Mailing Address:	1660 PLACENTIA
Mailing Address 2:	Not reported
Mailing City,St,Zip:	COSTA MESA 92627
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

MAP FINDINGS

Map ID / Direction / Distance / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
72	**JIM LEE PLUMBING**	**LUST**	**U001576884**
ENE	**1540 SUPERIOR**	**HIST UST**	**N/A**
1/4-1/2	**COSTA MESA, CA 92627**	**RGA LUST**	
0.264 mi.			
1395 ft.			

Relative:
Lower

Actual:
83 ft.

LUST:

Region:	STATE
Global Id:	T0605979323
Latitude:	33.632481
Longitude:	-117.926717
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	09/03/1986
Lead Agency:	ORANGE COUNTY LOP
Case Worker:	DB
Local Agency:	ORANGE COUNTY LOP
RB Case Number:	Not reported
LOC Case Number:	86UT068
File Location:	Local Agency
Potential Media Affect:	Under Investigation
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

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

Contact:

Global Id:	T0605979323
Contact Type:	Regional Board Caseworker
Contact Name:	NONE
Organization Name:	SANTA ANA RWQCB (REGION 8)
Address:	Not reported
City:	RIVERSIDE
Email:	Not reported
Phone Number:	Not reported

Global Id:	T0605979323
Contact Type:	Local Agency Caseworker
Contact Name:	DENAMARIE BAKER
Organization Name:	ORANGE COUNTY LOP
Address:	1241 E. DYER ROAD, STE. 120
City:	SANTA ANA
Email:	dbaker@ochca.com
Phone Number:	7144336255

Status History:

Global Id:	T0605979323
Status:	Completed - Case Closed
Status Date:	09/03/1986

Global Id:	T0605979323
Status:	Open - Case Begin Date
Status Date:	09/03/1986

ORANGE CO. LUST:

Region:	ORANGE
Facility Id:	86UT068
Current Status:	Certification (Case Closed)

JIM LEE PLUMBING (Continued) **U001576884**

Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded
Date Closed: 09/03/1986
Case Type: Undetermined
Record ID: RO0002460

LUST REG 8:

Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	Not reported
Local Case Num:	86UT068
Case Type:	Undefined
Substance:	Gasoline
Qty Leaked:	0
Abate Method:	Not reported
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Close Tank
Leak Cause:	Unknown
Leak Source:	Unknown
Global ID:	T0605979323
How Stopped Date:	9/9/9999
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	1/1/1965
Enforcement Date:	Not reported
Close Date:	9/3/1986
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	Not reported
Longitude:	Not reported
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	1
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
MTBE Class:	*
Staff:	Not reported
Staff Initials:	AR
Lead Agency:	Local Agency
Local Agency:	30000L
Hydr Basin #:	Not reported

Map ID
Direction
Distance
Elevation | Site | MAP FINDINGS | Database(s) | EDR ID Number
EPA ID Number

JIM LEE PLUMBING (Continued) **U001576884**

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

HIST UST:
Region: STATE
Facility ID: 00000051204
Facility Type: Other
Other Type: CONTRACTOR
Total Tanks: 0003
Contact Name: JAMES A. LEE
Telephone: 7146466154
Owner Name: JIM LEE, INC.
Owner Address: 1540 SUPERIOR AVENUE
Owner City,St,Zip: COSTA MESA, CA 92627

Tank Num: 001
Container Num: 003
Year Installed: Not reported
Tank Capacity: 00005000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: None

Tank Num: 002
Container Num: 001
Year Installed: Not reported
Tank Capacity: 00005000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Tank Construction: Not reported
Leak Detection: None

Tank Num: 003
Container Num: 002
Year Installed: Not reported
Tank Capacity: 00005000
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Tank Construction: Not reported
Leak Detection: None

RGA LUST:

2012	JIM LEE PLUMBING	1540 SUPERIOR
2011	JIM LEE PLUMBING	1540 SUPERIOR
2010	JIM LEE PLUMBING	1540 SUPERIOR
2009	JIM LEE PLUMBING	1540 SUPERIOR
2008	JIM LEE PLUMBING	1540 SUPERIOR
2007	JIM LEE PLUMBING	1540 SUPERIOR
2006	JIM LEE PLUMBING	1540 SUPERIOR
2005	JIM LEE PLUMBING	1540 SUPERIOR
2003	JIM LEE PLUMBING	1540 SUPERIOR AVE

MAP FINDINGS

Map ID / Direction / Distance / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
M73		**RGA LUST**	**S114205071**
North	**1672 PLACENTIA AVENUE**		**N/A**
1/4-1/2	**COSTA MESA, CA**		
0.277 mi.			
1465 ft.	**Site 1 of 2 in cluster M**		

Relative: Higher

Actual: 105 ft.

RGA LUST:

1998	BOAT YARD, THE	1672 PLACENTIA AVENUE
1997	BOAT YARD, THE	1672 PLACENTIA AVENUE
1996	BOAT YARD, THE	1672 PLACENTIA AVENUE
1995	BOAT YARD, THE	1672 PLACENTIA AVENUE
1994	BOAT YARD, THE	1672 PLACENTIA AVENUE
1993	BOAT YARD, THE	1672 PLACENTIA AVENUE

Map ID / Direction / Distance / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
M74	**THE BOAT YARD**	**NPDES**	**S102425492**
North	**1672 PLACENTIA AVE**	**HIST CORTESE**	**N/A**
1/4-1/2	**COSTA MESA, CA 92627**	**LUST**	
0.277 mi.		**RGA LUST**	
1465 ft.	**Site 2 of 2 in cluster M**		

Relative: Higher

Actual: 105 ft.

NPDES:

Npdes Number:	CAS000001
Facility Status:	Active
Agency Id:	0
Region:	8
Regulatory Measure Id:	288909
Order No:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place Id:	Not reported
WDID:	8 30I019500
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	05/16/2005
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Boat Yard Inc
Discharge Address:	1672 Placentia Ave
Discharge City:	Costa Mesa
Discharge State:	California
Discharge Zip:	92627

CORTESE:

Region:	CORTESE
Facility County Code:	30
Reg By:	LTNKA
Reg Id:	083001970T

LUST:

Region:	STATE
Global Id:	T0605901472
Latitude:	33.634974
Longitude:	-117.930988
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	11/27/1991
Lead Agency:	ORANGE COUNTY LOP
Case Worker:	DB
Local Agency:	ORANGE COUNTY LOP
RB Case Number:	083001970T

THE BOAT YARD (Continued) **S102425492**

LOC Case Number: 91UT108
File Location: Local Agency
Potential Media Affect: Soil
Potential Contaminants of Concern: Diesel
Site History: Not reported

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

Contact:
Global Id: T0605901472
Contact Type: Regional Board Caseworker
Contact Name: ROSE SCOTT
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: rscott@waterboards.ca.gov
Phone Number: 9513206375

Global Id: T0605901472
Contact Type: Local Agency Caseworker
Contact Name: DENAMARIE BAKER
Organization Name: ORANGE COUNTY LOP
Address: 1241 E. DYER ROAD, STE. 120
City: SANTA ANA
Email: dbaker@ochca.com
Phone Number: 7144336255

Status History:
Global Id: T0605901472
Status: Open - Case Begin Date
Status Date: 09/23/1991

Global Id: T0605901472
Status: Completed - Case Closed
Status Date: 11/27/1991

Regulatory Activities:
Global Id: T0605901472
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

Global Id: T0605901472
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

ORANGE CO. LUST:
Region: ORANGE
Facility Id: 91UT108
Current Status: Certification (Case Closed)
Released Substance: Diesel fuel oil and additives, Nos.1-D, 2-D, 2-4
Date Closed: 11/27/1991
Case Type: Soil Only
Record ID: RO0002196

Map ID
Direction
Distance
Elevation | Site | MAP FINDINGS | Database(s) | EDR ID Number
EPA ID Number

THE BOAT YARD (Continued) **S102425492**

LUST REG 8:

Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083001970T
Local Case Num:	91UT108
Case Type:	Soil only
Substance:	Diesel
Qty Leaked:	0
Abate Method:	Not reported
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Close Tank
Leak Cause:	Unknown
Leak Source:	Unknown
Global ID:	T0605901472
How Stopped Date:	9/9/9999
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	9/23/1991
Enforcement Date:	Not reported
Close Date:	11/27/1991
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.6350796
Longitude:	-117.9317664
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	RS
Staff Initials:	AR
Lead Agency:	Local Agency
Local Agency:	30000L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

THE BOAT YARD (Continued) **S102425492**

RGA LUST:

2012	THE BOAT YARD	1672 PLACENTIA
2011	THE BOAT YARD	1672 PLACENTIA
2010	THE BOAT YARD	1672 PLACENTIA
2009	THE BOAT YARD	1672 PLACENTIA
2008	THE BOAT YARD	1672 PLACENTIA
2007	THE BOAT YARD	1672 PLACENTIA
2006	THE BOAT YARD	1672 PLACENTIA
2005	THE BOAT YARD	1672 PLACENTIA
2003	THE BOAT YARD	1672 PLACENTIA AVE
2001	BOAT YARD, THE	1672 PLACENTIA AVE
2000	BOAT YARD, THE	1672

N75 **NEWPORT AUTOWORKS** **HIST CORTESE** **S100943804**
ENE **121 INDUSTRIAL** **LUST** **N/A**
1/4-1/2 **COSTA MESA, CA 92627** **EMI**
0.280 mi. **RGA LUST**
1478 ft. **Site 1 of 2 in cluster N**

Relative:
Lower

Actual:
85 ft.

CORTESE:

Region:	CORTESE
Facility County Code:	30
Reg By:	LTNKA
Reg Id:	083000895T

LUST:

Region:	STATE
Global Id:	T0605900709
Latitude:	33.631865
Longitude:	-117.926816
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	04/25/1990
Lead Agency:	ORANGE COUNTY LOP
Case Worker:	DB
Local Agency:	ORANGE COUNTY LOP
RB Case Number:	083000895T
LOC Case Number:	88UT102
File Location:	Local Agency
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Waste Oil / Motor / Hydraulic / Lubricating
Site History:	Not reported

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

Contact:

Global Id:	T0605900709
Contact Type:	Regional Board Caseworker
Contact Name:	PATRICIA HANNON
Organization Name:	SANTA ANA RWQCB (REGION 8)
Address:	3737 MAIN STREET, SUITE 500
City:	RIVERSIDE
Email:	phannon@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0605900709
Contact Type:	Local Agency Caseworker

NEWPORT AUTOWORKS (Continued) **S100943804**

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

Status History:
Global Id: T0605900709
Status: Open - Case Begin Date
Status Date: 04/26/1988

Global Id: T0605900709
Status: Completed - Case Closed
Status Date: 04/25/1990

Regulatory Activities:
Global Id: T0605900709
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

Global Id: T0605900709
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

ORANGE CO. LUST:
Region: ORANGE
Facility Id: 88UT102
Current Status: Certification (Case Closed)
Released Substance: Waste oil/Used oil
Date Closed: 04/25/1990
Case Type: Soil Only
Record ID: RO0001239

LUST REG 8:
Region: 8
County: Orange
Regional Board: Santa Ana Region
Facility Status: Case Closed
Case Number: 083000895T
Local Case Num: 88UT102
Case Type: Soil only
Substance: Waste Oil
Qty Leaked: 0
Abate Method: Not reported
Cross Street: Not reported
Enf Type: Not reported
Funding: Not reported
How Discovered: Tank Closure
How Stopped: Close Tank
Leak Cause: Unknown
Leak Source: Unknown

NEWPORT AUTOWORKS (Continued) **S100943804**

Global ID:	T0605900709
How Stopped Date:	9/9/9999
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	4/26/1988
Enforcement Date:	Not reported
Close Date:	4/25/1990
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.6315968
Longitude:	-117.9261673
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	PAH
Staff Initials:	AR
Lead Agency:	Local Agency
Local Agency:	30000L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

EMI:

Year:	1987
County Code:	30
Air Basin:	SC
Facility ID:	49997
Air District Name:	SC
SIC Code:	7538
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	4
Reactive Organic Gases Tons/Yr:	3
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Map ID
Direction
Distance
Elevation | Site | MAP FINDINGS | Database(s) | EDR ID Number EPA ID Number

NEWPORT AUTOWORKS (Continued) **S100943804**

Year:	1990
County Code:	30
Air Basin:	SC
Facility ID:	49997
Air District Name:	SC
SIC Code:	7538
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

RGA LUST:

2012	NEWPORT AUTOWORKS	121 INDUSTRIAL
2011	NEWPORT AUTOWORKS	121 INDUSTRIAL
2010	NEWPORT AUTOWORKS	121 INDUSTRIAL
2009	NEWPORT AUTOWORKS	121 INDUSTRIAL
2008	NEWPORT AUTOWORKS	121 INDUSTRIAL
2007	NEWPORT AUTOWORKS	121 INDUSTRIAL
2006	NEWPORT AUTOWORKS	121 INDUSTRIAL
2005	NEWPORT AUTOWORKS	121 INDUSTRIAL
2002	NEWPORT AUTOWORKS	121 INDUSTRIAL WAY
2001	NEWPORT AUTOWORKS	121 INDUSTRIAL WAY
2000	NEWPORT AUTOWORKS	121
1998	NEWPORT AUTOWORKS	121 INDUSTRIAL WAY
1997	NEWPORT AUTOWORKS	121 INDUSTRIAL WAY
1996	NEWPORT AUTOWORKS	121 INDUSTRIAL WAY
1995	NEWPORT AUTOWORKS	121 INDUSTRIAL WAY
1994	NEWPORT AUTOWORKS	121 INDUSTRIAL WAY
1993	NEWPORT AUTOWORKS	121 INDUSTRIAL WAY
1992	NEWPORT AUTOWORKS	121 INDUSTRIAL WAY

N76 **RGA LUST** **S114196402**
ENE **121 INDUSTRIAL WY** **N/A**
1/4-1/2 **COSTA MESA, CA**
0.280 mi.
1478 ft. **Site 2 of 2 in cluster N**

Relative:
Lower

RGA LUST:

2003	NEWPORT AUTOWORKS	121 INDUSTRIAL WY

Actual:
85 ft.

Map ID
Direction
Distance
Elevation | Site | MAP FINDINGS | Database(s) | EDR ID Number EPA ID Number

77
WSW
1/4-1/2
0.281 mi.
1486 ft.

Relative:
Higher

Actual:
106 ft.

PERMALITE PLASTICS CORP
1537 MONROVIA AVE
NEWPORT BEACH, CA 92663

RCRA NonGen / NLR **1000295062**
FINDS **CAD008360844**
HIST CORTESE
LUST
CA FID UST
UST
HIST UST
SWEEPS UST
EMI
RGA LUST

RCRA NonGen / NLR:

Date form received by agency:	02/02/1998
Facility name:	PERMALITE PLASTICS CORP
Facility address:	1537 MONROVIA AVE NEWPORT BEACH, CA 92663
EPA ID:	CAD008360844
Mailing address:	1537 MONROVIA AVENUE NEWPORT BEACH, CA 92663
Contact:	RICHARD VAN BERGH
Contact address:	1537 MONROVIA AVE NEWPORT BEACH, CA 92663
Contact country:	US
Contact telephone:	(714) 548-1137
Contact email:	Not reported
EPA Region:	09
Land type:	Other land type
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

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

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

PERMALITE PLASTICS CORP (Continued) **1000295062**

Historical Generators:
Date form received by agency: 09/01/1996
Facility name: PERMALITE PLASTICS CORP
Classification: Small Quantity Generator

Date form received by agency: 07/22/1981
Facility name: PERMALITE PLASTICS CORP
Classification: Large Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 02/10/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

FINDS:

Registry ID: 110002633240

Environmental Interest/Information System

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY

CORTESE:
Region: CORTESE
Facility County Code: 30
Reg By: LTNKA
Reg Id: 083003609T

LUST:
Region: STATE
Global Id: T0605902343
Latitude: 33.630217
Longitude: -117.937451
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 01/24/2002
Lead Agency: ORANGE COUNTY
Case Worker: LAL
Local Agency: ORANGE COUNTY
RB Case Number: 083003609T
LOC Case Number: 99UT056

PERMALITE PLASTICS CORP (Continued) **1000295062**

File Location: Local Agency
Potential Media Affect: Soil
Potential Contaminants of Concern: Other Solvent or Non-Petroleum Hydrocarbon
Site History: Not reported

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

Contact:
Global Id: T0605902343
Contact Type: Local Agency Caseworker
Contact Name: LUIS A. LODRIGUEZA
Organization Name: ORANGE COUNTY
Address: 2009 E. EDINGER AVE.
City: SANTA ANA
Email: llodrigueza@ochca.com
Phone Number: Not reported

Global Id: T0605902343
Contact Type: Regional Board Caseworker
Contact Name: ROSE SCOTT
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: rscott@waterboards.ca.gov
Phone Number: 9513206375

Status History:
Global Id: T0605902343
Status: Open - Case Begin Date
Status Date: 10/08/1999

Global Id: T0605902343
Status: Open - Site Assessment
Status Date: 10/08/1999

Global Id: T0605902343
Status: Completed - Case Closed
Status Date: 01/24/2002

Regulatory Activities:
Global Id: T0605902343
Action Type: Other
Date: 01/01/1950
Action: Leak Stopped

Global Id: T0605902343
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

Global Id: T0605902343
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Map ID
Direction
Distance
Elevation | Site | MAP FINDINGS | Database(s) | EDR ID Number EPA ID Number

PERMALITE PLASTICS CORP (Continued) **1000295062**

LUST REG 8:

Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Leak being confirmed
Case Number:	083003609T
Local Case Num:	99UT056
Case Type:	Soil only
Substance:	Methyl Ethyl Ketones
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	OM
How Stopped:	Not reported
Leak Cause:	UNK
Leak Source:	Tank
Global ID:	T0605902343
How Stopped Date:	10/8/1999
Enter Date:	1/26/2000
Date Confirmation of Leak Began:	10/8/1999
Date Preliminary Assessment Began:	Not reported
Discover Date:	10/8/1999
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	1/26/2000
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.630163
Longitude:	-117.936364
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	RS
Staff Initials:	Not reported
Lead Agency:	Local Agency
Local Agency:	30000
Hydr Basin #:	COASTAL PLAIN OF ORA
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	No

Summary: Not reported

PERMALITE PLASTICS CORP (Continued) **1000295062**

CA FID UST:
Facility ID: 30008334
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7145481137
Mail To: Not reported
Mailing Address: 1537 MONROVIA AVE
Mailing Address 2: Not reported
Mailing City,St,Zip: NEWPORT BEACH 92663
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

UST:
Facility ID: 442
Latitude: 33.63017
Longitude: -117.9362

HIST UST:
Region: STATE
Facility ID: 00000058853
Facility Type: Other
Other Type: PLASTIC ADHESIVES
Total Tanks: 0004
Contact Name: GARY OLIVER
Telephone: 7145481137
Owner Name: PERMALITE PLASTICS CORP.
Owner Address: 1537 MONROVIA AVE.
Owner City,St,Zip: NEWPORT BEACH, CA 92663

Tank Num: 001
Container Num: 1
Year Installed: 1973
Tank Capacity: 00002000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Tank Construction: 3/16 inches
Leak Detection: Visual, Stock Inventor

Tank Num: 002
Container Num: 2
Year Installed: 1973
Tank Capacity: 00002000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Tank Construction: 3/16 inches
Leak Detection: Visual, Stock Inventor

Tank Num: 003
Container Num: 3

PERMALITE PLASTICS CORP (Continued) **1000295062**

Year Installed: 1973
Tank Capacity: 00004000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Tank Construction: 3/16 inches
Leak Detection: Visual, Stock Inventor

Tank Num: 004
Container Num: 4
Year Installed: 1977
Tank Capacity: 00007500
Tank Used for: PRODUCT
Type of Fuel: Not reported
Tank Construction: 3/16 inches
Leak Detection: Visual, Stock Inventor

SWEEPS UST:
Status: Active
Comp Number: 442
Number: 9
Board Of Equalization: 44-015756
Referral Date: 09-30-92
Action Date: 09-15-92
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 30-000-000442-000004
Actv Date: Not reported
Capacity: 7500
Tank Use: M.V. FUEL
Stg: P
Content: OTHER
Number Of Tanks: 4

Status: Active
Comp Number: 442
Number: 9
Board Of Equalization: 44-015756
Referral Date: 09-30-92
Action Date: 09-15-92
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 30-000-000442-000005
Actv Date: Not reported
Capacity: 4500
Tank Use: M.V. FUEL
Stg: P
Content: OTHER
Number Of Tanks: Not reported

Status: Active
Comp Number: 442
Number: 9
Board Of Equalization: 44-015756
Referral Date: 09-30-92
Action Date: 09-15-92

PERMALITE PLASTICS CORP (Continued) **1000295062**

Created Date:	02-29-88
Tank Status:	A
Owner Tank Id:	Not reported
Swrcb Tank Id:	30-000-000442-000006
Actv Date:	Not reported
Capacity:	4000
Tank Use:	M.V. FUEL
Stg:	P
Content:	OTHER
Number Of Tanks:	Not reported

Status:	Active
Comp Number:	442
Number:	9
Board Of Equalization:	44-015756
Referral Date:	09-30-92
Action Date:	09-15-92
Created Date:	02-29-88
Tank Status:	A
Owner Tank Id:	Not reported
Swrcb Tank Id:	30-000-000442-000007
Actv Date:	Not reported
Capacity:	2000
Tank Use:	M.V. FUEL
Stg:	P
Content:	OTHER
Number Of Tanks:	Not reported

EMI:

Year:	1987
County Code:	30
Air Basin:	SC
Facility ID:	7891
Air District Name:	SC
SIC Code:	3079
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

Year:	1990
County Code:	30
Air Basin:	SC
Facility ID:	7891
Air District Name:	SC
SIC Code:	3087
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

PERMALITE PLASTICS CORP (Continued) **1000295062**

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

RGA LUST:

2012	PERMALITE PLASTICS CORPORATION	1537 MONROVIA AVE
2011	PERMALITE PLASTICS CORPORATION	1537 MONROVIA AVE
2010	PERMALITE PLASTICS CORPORATION	1537 MONROVIA AVE
2009	PERMALITE PLASTICS CORPORATION	1537 MONROVIA AVE
2008	PERMALITE PLASTICS CORPORATION	1537 MONROVIA AVE
2007	PERMALITE PLASTICS CORPORATION	1537 MONROVIA AVE
2006	PERMALITE PLASTICS CORPORATION	1537 MONROVIA AVE
2005	PERMALITE PLASTICS CORPORATION	1537 MONROVIA AVE
2003	PERMALITE PLASTICS CORPORATION	1537 MONROVIA AVE
2002	PERMALITE PLASTICS CORPORATION	1537 MONROVIA AVE
2001	PERMALITE PLASTICS CORPORATION	1537 MONROVIA AVE
2000	PERMALITE PLASTICS CORPORATION	1537

O78 **RGA LUST** **S114205351**
North **1697 PLACENTIA AVENUE** **N/A**
1/4-1/2 **COSTA MESA, CA**
0.335 mi.
1769 ft. **Site 1 of 6 in cluster O**

Relative:
Higher

Actual:
105 ft.

RGA LUST:

1998	ALANOR CORPORATION	1697 PLACENTIA AVENUE
1997	ALANOR CORPORATION	1697 PLACENTIA AVENUE
1996	ALANOR CORPORATION	1697 PLACENTIA AVENUE
1995	ALANOR CORPORATION	1697 PLACENTIA AVENUE
1994	ALANOR CORPORATION	1697 PLACENTIA AVENUE
1993	ALANOR CORPORATION	1697 PLACENTIA AVENUE
1992	ALANOR CORPORATION	1697 PLACENTIA AVENUE

O79 **ALANOR CORPORATION** **HIST CORTESE** **S102423824**
North **1697 PLACENTIA** **LUST** **N/A**
1/4-1/2 **COSTA MESA, CA 92627** **RGA LUST**
0.335 mi.
1769 ft. **Site 2 of 6 in cluster O**

Relative:
Higher

Actual:
105 ft.

CORTESE:
Region: CORTESE
Facility County Code: 30
Reg By: LTNKA
Reg Id: 083000835T

LUST:
Region: STATE
Global Id: T0605900657
Latitude: 33.636067
Longitude: -117.931951
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 09/13/1990

ALANAR CORPORATION (Continued) **S102423824**

Lead Agency:	ORANGE COUNTY LOP
Case Worker:	DB
Local Agency:	ORANGE COUNTY LOP
RB Case Number:	083000835T
LOC Case Number:	88UT045
File Location:	Local Agency
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Waste Oil / Motor / Hydraulic / Lubricating
Site History:	Not reported

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

Contact:

Global Id:	T0605900657
Contact Type:	Local Agency Caseworker
Contact Name:	DENAMARIE BAKER
Organization Name:	ORANGE COUNTY LOP
Address:	1241 E. DYER ROAD, STE. 120
City:	SANTA ANA
Email:	dbaker@ochca.com
Phone Number:	7144336255

Status History:

Global Id:	T0605900657
Status:	Open - Case Begin Date
Status Date:	03/08/1988

Global Id:	T0605900657
Status:	Completed - Case Closed
Status Date:	09/13/1990

Regulatory Activities:

Global Id:	T0605900657
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Global Id:	T0605900657
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

ORANGE CO. LUST:

Region:	ORANGE
Facility Id:	88UT045
Current Status:	Certification (Case Closed)
Released Substance:	Waste oil/Used oil
Date Closed:	09/13/1990
Case Type:	Soil Only
Record ID:	RO0001914

LUST REG 8:

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

ALANAR CORPORATION (Continued) **S102423824**

Facility Status:	Case Closed
Case Number:	083000835T
Local Case Num:	88UT045
Case Type:	Soil only
Substance:	Waste Oil
Qty Leaked:	0
Abate Method:	Not reported
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Close Tank
Leak Cause:	Unknown
Leak Source:	Unknown
Global ID:	T0605900657
How Stopped Date:	9/9/9999
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	3/8/1988
Enforcement Date:	Not reported
Close Date:	9/13/1990
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.6359256
Longitude:	-117.9320524
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	PAH
Staff Initials:	AR
Lead Agency:	Local Agency
Local Agency:	30000L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

RGA LUST:

2012	ALANAR CORPORATION	1697 PLACENTIA
2011	ALANAR CORPORATION	1697 PLACENTIA

Map ID
Direction
Distance
Elevation | Site | MAP FINDINGS | Database(s) | EDR ID Number EPA ID Number

ALANAR CORPORATION (Continued) **S102423824**

2010	ALANAR CORPORATION	1697 PLACENTIA
2009	ALANAR CORPORATION	1697 PLACENTIA
2008	ALANAR CORPORATION	1697 PLACENTIA
2007	ALANAR CORPORATION	1697 PLACENTIA
2006	ALANAR CORPORATION	1697 PLACENTIA
2005	ALANAR CORPORATION	1697 PLACENTIA
2002	ALANOR CORPORATION	1697 PLACENTIA AVE
2001	ALANOR CORPORATION	1697 PLACENTIA AVE
2000	ALANOR CORPORATION	1697

O80 **RGA LUST** **S114205551**
North **1701 PLACENTIA AVENUE** **N/A**
1/4-1/2 **COSTA MESA, CA**
0.350 mi.
1849 ft. **Site 3 of 6 in cluster O**

Relative:
Lower

Actual:
104 ft.

RGA LUST:

1998	CLA-VAL CORPORATION	1701 PLACENTIA AVENUE
1997	CLA-VAL CORPORATION	1701 PLACENTIA AVENUE
1996	CLA-VAL CORPORATION	1701 PLACENTIA AVENUE
1995	CLA-VAL CORPORATION	1701 PLACENTIA AVENUE
1994	CLA-VAL CORPORATION	1701 PLACENTIA AVENUE
1993	CLA-VAL CORPORATION	1701 PLACENTIA AVENUE
1992	CLA-VAL CORPORATION	1701 PLACENTIA AVENUE

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81 **FORMER EATON CORPORATION** **NPDES** **S101360297**
NW **1640 MONROVIA AVE** **Orange Co. Industrial Site** **N/A**
1/4-1/2 **COSTA MESA, CA 92627** **DEED**
0.354 mi. **VCP**
1867 ft. **ENVIROSTOR**

Relative:
Higher

Actual:
111 ft.

NPDES:

Npdes Number:	CAS000002
Facility Status:	Terminated
Agency Id:	0
Region:	8
Regulatory Measure Id:	349516
Order No:	2009-0009-DWQ
Regulatory Measure Type:	Enrollee
Place Id:	Not reported
WDID:	8 30C352733
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	07/28/2008
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	08/22/2013
Discharge Name:	VIVANTE WESTSIDE LLC
Discharge Address:	1 MacArthur Place
Discharge City:	Santa Ana
Discharge State:	California
Discharge Zip:	92707

Orange Co. Industrial Site:

Case ID:	05IC011
Region:	ORANGE
Record ID:	RO0003345

Map ID
Direction
Distance
Elevation | Site | MAP FINDINGS | Database(s) | EDR ID Number EPA ID Number

FORMER EATON CORPORATION (Continued) **S101360297**

Current Status: CLOSED 11/3/2005
Closure Type: Voluntary Cleanup Program Termination
Released Chemical: PERCHLOROETHYLENE TRICHLOROETHYLENE DICHLORETHYLENE (1,2)

Case ID: 94IC026
Region: ORANGE
Record ID: RO0000473
Current Status: CLOSED 11/3/1994
Closure Type: Closure certification issued
Released Chemical: SOLVENTS-HALOGENATED

DEED:
Area: PROJECT WIDE
Sub Area: Not reported
Site Type: VOLUNTARY CLEANUP
Status: ACTIVE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): 05/02/2012
EDR Link ID: 60000163

VCP:
Facility ID: 60000163
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 6.8
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Maryam Tasnif-Abbasi
Supervisor: Emad Yemut
Division Branch: Southern California Schools & Brownfields Outreach
Site Code: 401296
Assembly: 74
Senate: 37
Special Programs Code: CLRRA Liability Immunity (AB 389)
Status: Active
Status Date: 02/01/2006
Restricted Use: YES
Funding: Responsible Party
Lat/Long: 33.63381 / -117.9351
APN: 424-111-01
Past Use: AEROSPACE MANUFACTURING/MAINTENANCE
Potential COC: 30022, 30022
Confirmed COC: 30022,, ,30022
Potential Description: OTH, SOIL, SV, SOIL, SV
Alias Name: 424-111-01
Alias Type: APN
Alias Name: 110033619047
Alias Type: EPA (FRS #)
Alias Name: 401296
Alias Type: Project Code (Site Code)
Alias Name: 60000163
Alias Type: Envirostor ID Number

FORMER EATON CORPORATION (Continued) **S101360297**

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Land Use Restriction
Completed Date:	05/02/2012
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Certification
Completed Date:	06/28/2012
Comments:	All response actions for soil and soil gas have been completed, with the exception of ongoing O&M activities. Groundwater monitoring is underway.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	01/03/2008
Comments:	DTSC issued this letter, estimating the projected number of job hours that will be expended on this project in 2008. This is only an estimate, and could change based on project needs.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	05/10/2006
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	AB 389 Response Plan
Completed Date:	12/24/2007
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Completion Report
Completed Date:	06/01/2009
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Characterization Report
Completed Date:	12/12/2006
Comments:	The report is considered final.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Characterization Report
Completed Date:	01/09/2007
Comments:	This report was reviewed, and recommendations incorporated in the Draft Response Plan.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Remedial Design - Preliminary/Intermediate

FORMER EATON CORPORATION (Continued) **S101360297**

Completed Date: 11/17/2007
Comments: This was a preliminary document and a letter is not needed. The design will be incorporated into an O&M Plan for official DTSC approval.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 06/05/2009
Comments: Approved

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 01/31/2010
Comments: Letter was received. No response required.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Report
Completed Date: 06/08/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan Amendment
Completed Date: 02/17/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan
Completed Date: 05/16/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 11/19/2009
Comments: This is an estimate of the job hours projected for DTSC for the 2010 calender year. The estimate will be adjusted based on the project needs.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: California Land Reuse and Revitalization Agreement
Completed Date: 02/01/2006
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Operations and Maintenance Report
Schedule Due Date: 05/15/2014

Map ID
Direction
Distance
Elevation | Site | MAP FINDINGS | Database(s) | EDR ID Number EPA ID Number

FORMER EATON CORPORATION (Continued) **S101360297**

Schedule Revised Date: Not reported

ENVIROSTOR:
Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 6.8
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Maryam Tasnif-Abbasi
Supervisor: Emad Yemut
Division Branch: Southern California Schools & Brownfields Outreach
Facility ID: 60000163
Site Code: 401296
Assembly: 74
Senate: 37
Special Program: CLRRA Liability Immunity (AB 389)
Status: Active
Status Date: 02/01/2006
Restricted Use: YES
Site Mgmt. Req.: NONE SPECIFIED
Funding: Responsible Party
Latitude: 33.63381
Longitude: -117.9351
APN: 424-111-01
Past Use: AEROSPACE MANUFACTURING/MAINTENANCE
Potential COC: Tetrachloroethylene (PCE
Confirmed COC: Tetrachloroethylene (PCE, Tetrachloroethylene (PCE, , Tetrachloroethylene (PCE
Potential Description: OTH, SOIL, SV, SOIL, SV
Alias Name: 424-111-01
Alias Type: APN
Alias Name: 110033619047
Alias Type: EPA (FRS #)
Alias Name: 401296
Alias Type: Project Code (Site Code)
Alias Name: 60000163
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 05/02/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 06/28/2012
Comments: All response actions for soil and soil gas have been completed, with the exception of ongoing O&M activities. Groundwater monitoring is underway.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence

FORMER EATON CORPORATION (Continued) **S101360297**

Completed Date: 01/03/2008
Comments: DTSC issued this letter, estimating the projected number of job hours that will be expended on this project in 2008. This is only an estimate, and could change based on project needs.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 05/10/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: AB 389 Response Plan
Completed Date: 12/24/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 06/01/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 12/12/2006
Comments: The report is considered final.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 01/09/2007
Comments: This report was reviewed, and recommendations incorporated in the Draft Response Plan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Design - Preliminary/Intermediate
Completed Date: 11/17/2007
Comments: This was a preliminary document and a letter is not needed. The design will be incorporated into an O&M Plan for official DTSC approval.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 06/05/2009
Comments: Approved

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 01/31/2010
Comments: Letter was received. No response required.

Completed Area Name: PROJECT WIDE

FORMER EATON CORPORATION (Continued) **S101360297**

Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Report
Completed Date: 06/08/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan Amendment
Completed Date: 02/17/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan
Completed Date: 05/16/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 11/19/2009
Comments: This is an estimate of the job hours projected for DTSC for the 2010 calender year. The estimate will be adjusted based on the project needs.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: California Land Reuse and Revitalization Agreement
Completed Date: 02/01/2006
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Operations and Maintenance Report
Schedule Due Date: 05/15/2014
Schedule Revised Date: Not reported

Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Cypress
Facility ID: 71002310
Site Code: Not reported
Assembly: 74
Senate: 37
Special Program: Not reported
Status: Inactive - Needs Evaluation
Status Date: Not reported

FORMER EATON CORPORATION (Continued) **S101360297**

Restricted Use: NO
Site Mgmt. Req.: NONE SPECIFIED
Funding: Not reported
Latitude: 33.63381
Longitude: -117.9351
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: Tetrachloroethylene (PCE, Tetrachloroethylene (PCE, , Tetrachloroethylene (PCE, NONE SPECIFIED
Confirmed COC: Tetrachloroethylene (PCE, Tetrachloroethylene (PCE, , Tetrachloroethylene (PCE, NONE SPECIFIED, NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD009640319
Alias Type: EPA Identification Number
Alias Name: 110002144741
Alias Type: EPA (FRS #)
Alias Name: 71002310
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1 Non-Submittal
Completed Date: 01/11/2001
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

82
NNW
1/4-1/2
0.354 mi.
1871 ft.

COSTA MESA SITE DISCOVERY PROJECT **RESPONSE** **S110121744**
AREA BOUNDED BY MONROVIA AVENUE, PLACENTIA AVENUE, 16TH STRE **ENVIROSTOR** **N/A**
COSTA MESA, CA 92627

Relative:
Higher

Actual:
107 ft.

RESPONSE:
Facility ID: 60001245
Site Type: State Response
Site Type Detail: State Response or NPL
Acres: 50
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Maryam Tasnif-Abbasi
Supervisor: Emad Yemut
Division Branch: Southern California Schools & Brownfields Outreach
Site Code: 401409
Site Mgmt. Req.: NONE SPECIFIED
Assembly: 74
Senate: 37
Special Program Status: Not reported

COSTA MESA SITE DISCOVERY PROJECT (Continued) **S110121744**

Status: No Further Action
Status Date: 01/05/2012
Restricted Use: NO
Funding: Orphan Funds
Latitude: 33.63580
Longitude: -117.9339
APN: NONE SPECIFIED
Past Use: HAZARDOUS WASTE STORAGE - TANKS/CONTAINERS, MANUFACTURING - INDUSTRIAL MACHINERY, MANUFACTURING - OTHER
Potential COC : Tetrachloroethylene (PCE Trichloroethylene (TCE
Confirmed COC: Tetrachloroethylene (PCE Trichloroethylene (TCE
Potential Description: OTH, SOIL, SV
Alias Name: 401385
Alias Type: Project Code (Site Code)
Alias Name: 401409
Alias Type: Project Code (Site Code)
Alias Name: 60001245
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/28/2009
Comments: Information request letter to facility, and request for access for field investigation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/07/2007
Comments: Letter requesting POI to join VCA

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/21/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 02/18/2010
Comments: Letter issued

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Access Agreement
Completed Date: 12/11/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/23/2008
Comments: Information request letter to claval

Completed Area Name: PROJECT WIDE

COSTA MESA SITE DISCOVERY PROJECT (Continued) **S110121744**

Completed Sub Area Name: Not reported
Completed Document Type: Access Agreement
Completed Date: 01/18/2009
Comments: Signed Access Agreement, facilitating DTSC's area-wide investigation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/28/2009
Comments: Information request, and access request for DTSC to conduct field activities at site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/28/2009
Comments: Information request, and access request for DTSC to conduct field activities at site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/28/2009
Comments: Information request, and access request for DTSC to conduct field activities at site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 01/16/2008
Comments: CFA fully executed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 06/25/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/11/2010
Comments: DTSC issued a letter response to Precision Optical's 12-17-09 Letter

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/28/2009
Comments: Information request, and access request to conduct field activities at site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/28/2009
Comments: Information request, and access request for DTSC to conduct field activities at site.

COSTA MESA SITE DISCOVERY PROJECT (Continued) **S110121744**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Access Agreement
Completed Date: 01/19/2010
Comments: Access Agreement providing DTSC access to conduct field work.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Access Agreement
Completed Date: 01/11/2010
Comments: Access Agreement providing DTSC access to conduct field work.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 06/27/2008
Comments: Work Order Approval fully executed and Start Work issued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 05/05/2009
Comments: Amendment to extend contract to 6/30/2010 fully executed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/28/2009
Comments: Information request, and access request to conduct field activities at site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/28/2009
Comments: Information request, and access request to conduct field activities at site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/28/2009
Comments: Information request, and access request to conduct field activities at site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/28/2009
Comments: Information request, and access request to conduct field activities at site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 06/15/2010
Comments: Contract extension to 6/30/2011 fully executed.

COSTA MESA SITE DISCOVERY PROJECT (Continued) **S110121744**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 12/17/2009
Comments: Accepted as final with some changes to sample locations.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 10/15/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 03/12/2008
Comments: Letter from POI discussing the VCA. Later on, the facility declined to enter into a fee for service agreement with DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 02/11/2008
Comments: Letter received, and follow response issued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 02/08/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 02/08/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 01/20/2010
Comments: Response to DTSC's information request letter.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 01/19/2010
Comments: Response to DTSC's information request letter.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 02/22/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

COSTA MESA SITE DISCOVERY PROJECT (Continued) **S110121744**

Completed Document Type: Fieldwork
Completed Date: 04/29/2010
Comments: Data tables and figures were forward as requested.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 03/05/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/18/2010
Comments: Letter was mailed on 8/18/2010

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 06/10/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 02/16/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 10/01/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 05/16/2011
Comments: Letter received by DTSC

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 05/16/2011
Comments: Letter received.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 04/28/2011
Comments: Letter received.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 06/17/2011
Comments: No letter provided since DTSC has not finalized any oversight

COSTA MESA SITE DISCOVERY PROJECT (Continued) **S110121744**

agreement/order with CLA VAL.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ENVIROSTOR:
Site Type: State Response
Site Type Detailed: State Response or NPL
Acres: 50
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Maryam Tasnif-Abbasi
Supervisor: Emad Yemut
Division Branch: Southern California Schools & Brownfields Outreach
Facility ID: 60001245
Site Code: 401409
Assembly: 74
Senate: 37
Special Program: Not reported
Status: No Further Action
Status Date: 01/05/2012
Restricted Use: NO
Site Mgmt. Req.: NONE SPECIFIED
Funding: Orphan Funds
Latitude: 33.63580
Longitude: -117.9339
APN: NONE SPECIFIED
Past Use: HAZARDOUS WASTE STORAGE - TANKS/CONTAINERS, MANUFACTURING - INDUSTRIAL MACHINERY, MANUFACTURING - OTHER
Potential COC: Tetrachloroethylene (PCE, Trichloroethylene (TCE
Confirmed COC: Tetrachloroethylene (PCE, Trichloroethylene (TCE, Tetrachloroethylene (PCE, Trichloroethylene (TCE
Potential Description: OTH, SOIL, SV
Alias Name: 401385
Alias Type: Project Code (Site Code)
Alias Name: 401409
Alias Type: Project Code (Site Code)
Alias Name: 60001245
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/28/2009
Comments: Information request letter to facility, and request for access for field investigation.

Completed Area Name: PROJECT WIDE

COSTA MESA SITE DISCOVERY PROJECT (Continued) **S110121744**

Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/07/2007
Comments: Letter requesting POI to join VCA

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/21/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 02/18/2010
Comments: Letter issued

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Access Agreement
Completed Date: 12/11/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/23/2008
Comments: Information request letter to claval

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Access Agreement
Completed Date: 01/18/2009
Comments: Signed Access Agreement, facilitating DTSC's area-wide investigation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/28/2009
Comments: Information request, and access request for DTSC to conduct field activities at site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/28/2009
Comments: Information request, and access request for DTSC to conduct field activities at site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/28/2009
Comments: Information request, and access request for DTSC to conduct field activities at site.

Completed Area Name: PROJECT WIDE

COSTA MESA SITE DISCOVERY PROJECT (Continued) **S110121744**

Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 01/16/2008
Comments: CFA fully executed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 06/25/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/11/2010
Comments: DTSC issued a letter response to Precision Optical's 12-17-09 Letter

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/28/2009
Comments: Information request, and access request to conduct field activities at site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/28/2009
Comments: Information request, and access request for DTSC to conduct field activities at site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Access Agreement
Completed Date: 01/19/2010
Comments: Access Agreement providing DTSC access to conduct field work.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Access Agreement
Completed Date: 01/11/2010
Comments: Access Agreement providing DTSC access to conduct field work.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 06/27/2008
Comments: Work Order Approval fully executed and Start Work issued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 05/05/2009
Comments: Amendment to extend contract to 6/30/2010 fully executed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

COSTA MESA SITE DISCOVERY PROJECT (Continued) **S110121744**

Completed Document Type: Correspondence
Completed Date: 12/28/2009
Comments: Information request, and access request to conduct field activities at site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/28/2009
Comments: Information request, and access request to conduct field activities at site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/28/2009
Comments: Information request, and access request to conduct field activities at site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/28/2009
Comments: Information request, and access request to conduct field activities at site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 06/15/2010
Comments: Contract extension to 6/30/2011 fully executed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 12/17/2009
Comments: Accepted as final with some changes to sample locations.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 10/15/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 03/12/2008
Comments: Letter from POI discussing the VCA. Later on, the facility declined to enter into a fee for service agreement with DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 02/11/2008
Comments: Letter received, and follow response issued.

COSTA MESA SITE DISCOVERY PROJECT (Continued) **S110121744**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 02/08/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 02/08/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 01/20/2010
Comments: Response to DTSC's information request letter.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 01/19/2010
Comments: Response to DTSC's information request letter.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 02/22/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 04/29/2010
Comments: Data tables and figures were forward as requested.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 03/05/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/18/2010
Comments: Letter was mailed on 8/18/2010

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 06/10/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report

COSTA MESA SITE DISCOVERY PROJECT (Continued) **S110121744**

Completed Date: 02/16/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 10/01/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 05/16/2011
Comments: Letter received by DTSC

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 05/16/2011
Comments: Letter received.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 04/28/2011
Comments: Letter received.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 06/17/2011
Comments: No letter provided since DTSC has not finalized any oversight agreement/order with CLA VAL.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

O83 **GRISWOLD INDUSTRIES** **RCRA-LQG** **1000390483**
North **1701 PLACENTIA AVENUE** **FINDS** **CAD057477994**
1/4-1/2 **COSTA MESA, CA** **HIST CORTESE**
0.359 mi. **EMI**
1894 ft. **Site 4 of 6 in cluster O**

Relative:
Lower

Actual:
104 ft.

RCRA-LQG:
Date form received by agency: 03/02/2012
Facility name: GRISWOLD INDUSTRIES
Facility address: 1701 PLACENTIA AVE.
COSTA MESA, CA 92627
EPA ID: CAD057477994
Mailing address: PLACENTIA AVE.
COSTA MESA, CA 92627

GRISWOLD INDUSTRIES (Continued) **1000390483**

Contact: BOB ROST
Contact address: PLACENTIA AVE.
COSTA MESA, CA 92627
Contact country: Not reported
Contact telephone: (949) 722-4848
Contact email: BROS@CLA-VAL.COM
EPA Region: 09
Land type: Private
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: GRISWOLD INDUSTRIES
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1948
Owner/Op end date: Not reported

Owner/operator name: GRISWOLD INDUSTRIES
Owner/operator address: PO BOX
NEWPORT BEACH, CA 92659
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1948
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

GRISWOLD INDUSTRIES (Continued) **1000390483**

Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 02/15/2010
Facility name: GRISWOLD INDUSTRIES
Classification: Large Quantity Generator

Date form received by agency: 02/19/2008
Facility name: GRISWOLD INDUSTRIES
Classification: Large Quantity Generator

Date form received by agency: 02/17/2006
Facility name: GRISWOLD INDUSTRIES
Classification: Large Quantity Generator

Date form received by agency: 02/19/2004
Facility name: GRISWOLD INDUSTRIES
Classification: Large Quantity Generator

Date form received by agency: 02/26/2002
Facility name: GRISWOLD INDUSTRIES
Classification: Large Quantity Generator

Date form received by agency: 10/12/2000
Facility name: GRISWOLD INDUSTRIES
Classification: Large Quantity Generator

Date form received by agency: 03/04/1999
Facility name: GRISWOLD INDUSTRIES
Classification: Large Quantity Generator

Date form received by agency: 02/09/1998
Facility name: GRISWOLD INDUSTRIES
Classification: Large Quantity Generator

Date form received by agency: 09/01/1996
Facility name: GRISWOLD INDUSTRIES
Classification: Large Quantity Generator

Date form received by agency: 03/26/1996
Facility name: GRISWOLD INDUSTRIES
Classification: Large Quantity Generator

Date form received by agency: 03/31/1994
Facility name: GRISWOLD INDUSTRIES
Classification: Large Quantity Generator

Date form received by agency: 02/28/1992
Facility name: GRISWOLD INDUSTRIES
Classification: Large Quantity Generator

Date form received by agency: 04/13/1990
Facility name: GRISWOLD INDUSTRIES
Classification: Large Quantity Generator

GRISWOLD INDUSTRIES (Continued) **1000390483**

Date form received by agency: 08/18/1980
Facility name: GRISWOLD INDUSTRIES
Classification: Large Quantity Generator

Date form received by agency: 08/18/1980
Facility name: GRISWOLD INDUSTRIES
Classification: Large Quantity Generator

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

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

Waste code: D006
Waste name: CADMIUM

Waste code: D007
Waste name: CHROMIUM

Waste code: D008
Waste name: LEAD

Biennial Reports:

Last Biennial Reporting Year: 2013

Annual Waste Handled:
Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
Amount (Lbs): 1087

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

GRISWOLD INDUSTRIES (Continued) **1000390483**

THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
Amount (Lbs): 20386

Waste code: D006
Waste name: CADMIUM
Amount (Lbs): 20386

Waste code: D007
Waste name: CHROMIUM
Amount (Lbs): 76446

Waste code: D008
Waste name: LEAD
Amount (Lbs): 6883

Facility Has Received Notices of Violations:
Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 10/02/1992
Date achieved compliance: 10/13/1993
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 05/24/2012
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/27/2011
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/02/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/26/2009
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

GRISWOLD INDUSTRIES (Continued) **1000390483**

Evaluation date: 06/27/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: Local

Evaluation date: 06/09/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 05/27/2004
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 10/13/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 10/02/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 10/13/1993
Evaluation lead agency: State Contractor/Grantee

FINDS:

Registry ID: 110000495624

Environmental Interest/Information System

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

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport,

GRISWOLD INDUSTRIES (Continued) **1000390483**

and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS WASTE BIENNIAL REPORTER

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

CORTESE:

Region:	CORTESE
Facility County Code:	30
Reg By:	LTNKA
Reg Id:	083000592T

Region:	CORTESE
Facility County Code:	30
Reg By:	LTNKA
Reg Id:	083002917T

EMI:

Year:	1987
County Code:	30
Air Basin:	SC
Facility ID:	18031
Air District Name:	SC
SIC Code:	3599
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	22
Reactive Organic Gases Tons/Yr:	11
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:	1990
County Code:	30
Air Basin:	SC
Facility ID:	18031
Air District Name:	SC

Map ID / Direction / Distance / Elevation	Site	MAP FINDINGS	Database(s)	EDR ID Number / EPA ID Number

GRISWOLD INDUSTRIES (Continued) **1000390483**

SIC Code:	3599
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:	17
Reactive Organic Gases Tons/Yr:	6
Carbon Monoxide Emissions Tons/Yr:	4
NOX - Oxides of Nitrogen Tons/Yr:	3
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

O84 **CLA-VAL** **LUST** **1006948826**
North **1701 PLACENTIA** **N/A**
1/4-1/2 **COSTA MESA, CA 92627**
0.359 mi.
1894 ft. **Site 5 of 6 in cluster O**

Relative:
Lower

Actual:
104 ft.

LUST REG 8:

Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083000592T
Local Case Num:	90UT216
Case Type:	Soil only
Substance:	Waste Oil
Qty Leaked:	0
Abate Method:	Not reported
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Close Tank
Leak Cause:	Unknown
Leak Source:	Unknown
Global ID:	T0605900478
How Stopped Date:	9/9/9999
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	8/28/1990
Enforcement Date:	Not reported
Close Date:	3/14/2002
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.6361486
Longitude:	-117.9320554

Map ID
Direction
Distance
Elevation | Site | MAP FINDINGS | Database(s) | EDR ID Number EPA ID Number

CLA-VAL (Continued) **1006948826**

MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	CAB
Staff Initials:	AR
Lead Agency:	Local Agency
Local Agency:	30000L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083002917T
Local Case Num:	87UT173
Case Type:	Soil only
Substance:	12035,13,800
Qty Leaked:	0
Abate Method:	Not reported
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Close Tank
Leak Cause:	Unknown
Leak Source:	Unknown
Global ID:	T0605901995
How Stopped Date:	9/9/9999
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	7/20/1987
Enforcement Date:	Not reported
Close Date:	2/13/1991
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.6361486
Longitude:	-117.9320554

CLA-VAL (Continued) **1006948826**

MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	CAB
Staff Initials:	AR
Lead Agency:	Local Agency
Local Agency:	30000L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

O85 **GRISWOLD INDUSTRIES CLA-VAL CO.** **Cortese** **1005454861**
North **1701 PLACENTIA AVENUE** **LUST** **N/A**
1/4-1/2 **COSTA MESA, CA 92627** **RESPONSE**
0.359 mi. **ENVIROSTOR**
1894 ft. **Site 6 of 6 in cluster O** **RGA LUST**

Relative:
Lower

Actual:
104 ft.

CORTESE:

Region:	CORTESE
Envirostor Id:	60001550
Site/Facility Type:	STATE RESPONSE
Cleanup Status:	ACTIVE
Status Date:	04/19/2011
Site Code:	401579
Latitude:	33.637057
Longitude:	-117.93306
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	export
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported

LUST:

Region:	STATE
Global Id:	T0605901995
Latitude:	33.6361486
Longitude:	-117.9320554
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	02/13/1991
Lead Agency:	ORANGE COUNTY LOP
Case Worker:	DB
Local Agency:	ORANGE COUNTY LOP
RB Case Number:	083002917T

GRISWOLD INDUSTRIES CLA-VAL CO. (Continued) **1005454861**

LOC Case Number: 87UT173
File Location: Local Agency
Potential Media Affect: Soil
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating, * Solvents, Gasoline
Site History: Not reported

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

Contact:
Global Id: T0605901995
Contact Type: Regional Board Caseworker
Contact Name: CARL BERNHARDT
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: cbernhardt@waterboards.ca.gov
Phone Number: 9517824495

Global Id: T0605901995
Contact Type: Local Agency Caseworker
Contact Name: DENAMARIE BAKER
Organization Name: ORANGE COUNTY LOP
Address: 1241 E. DYER ROAD, STE. 120
City: SANTA ANA
Email: dbaker@ochca.com
Phone Number: 7144336255

Status History:
Global Id: T0605901995
Status: Open - Case Begin Date
Status Date: 07/20/1987

Global Id: T0605901995
Status: Completed - Case Closed
Status Date: 02/13/1991

Regulatory Activities:
Global Id: T0605901995
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

Global Id: T0605901995
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Region: STATE
Global Id: T0605900478
Latitude: 33.637052
Longitude: -117.933053
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 03/14/2002
Lead Agency: ORANGE COUNTY LOP
Case Worker: DB

GRISWOLD INDUSTRIES CLA-VAL CO. (Continued) **1005454861**

Local Agency:	ORANGE COUNTY LOP
RB Case Number:	083000592T
LOC Case Number:	90UT216
File Location:	Local Agency
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Waste Oil / Motor / Hydraulic / Lubricating
Site History:	Not reported

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

Contact:

Global Id:	T0605900478
Contact Type:	Regional Board Caseworker
Contact Name:	CARL BERNHARDT
Organization Name:	SANTA ANA RWQCB (REGION 8)
Address:	3737 MAIN STREET, SUITE 500
City:	RIVERSIDE
Email:	cbernhardt@waterboards.ca.gov
Phone Number:	9517824495

Global Id:	T0605900478
Contact Type:	Local Agency Caseworker
Contact Name:	DENAMARIE BAKER
Organization Name:	ORANGE COUNTY LOP
Address:	1241 E. DYER ROAD, STE. 120
City:	SANTA ANA
Email:	dbaker@ochca.com
Phone Number:	7144336255

Status History:

Global Id:	T0605900478
Status:	Open - Case Begin Date
Status Date:	08/28/1990

Global Id:	T0605900478
Status:	Completed - Case Closed
Status Date:	03/14/2002

Regulatory Activities:

Global Id:	T0605900478
Action Type:	REMEDIATION
Date:	01/01/1950
Action:	Excavation

Global Id:	T0605900478
Action Type:	REMEDIATION
Date:	01/01/1950
Action:	Other (Use Description Field)

Global Id:	T0605900478
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Global Id:	T0605900478
Action Type:	Other
Date:	01/01/1950

GRISWOLD INDUSTRIES CLA-VAL CO. (Continued) **1005454861**

Action: Leak Discovery

ORANGE CO. LUST:

Region:	ORANGE
Facility Id:	90UT216
Current Status:	Certification (Case Closed)
Released Substance:	Waste oil/Used oil
Date Closed:	03/14/2002
Case Type:	Soil Only
Record ID:	RO0002135

Region:	ORANGE
Facility Id:	87UT173
Current Status:	Certification (Case Closed)
Released Substance:	Waste oil/Used oil
Date Closed:	02/13/1991
Case Type:	Soil Only
Record ID:	RO0002777

Region:	ORANGE
Facility Id:	87UT173
Current Status:	Not reported
Released Substance:	Solvents
Date Closed:	02/13/1991
Case Type:	Not reported
Record ID:	RO0002777

Region:	ORANGE
Facility Id:	87UT173
Current Status:	Not reported
Released Substance:	Gasoline-Automotive (motor gasoline and additives), leaded & unleaded
Date Closed:	02/13/1991
Case Type:	Not reported
Record ID:	RO0002777

RESPONSE:

Facility ID:	60001550
Site Type:	State Response
Site Type Detail:	State Response or NPL
Acres:	20
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Maryam Tasnif-Abbasi
Supervisor:	Emad Yemut
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	401579
Site Mgmt. Req.:	NONE SPECIFIED
Assembly:	74
Senate:	37
Special Program Status:	Not reported
Status:	Active
Status Date:	04/19/2011
Restricted Use:	NO
Funding:	Responsible Party

Map ID
Direction
Distance
Elevation | Site | MAP FINDINGS | Database(s) | EDR ID Number EPA ID Number

GRISWOLD INDUSTRIES CLA-VAL CO. (Continued) **1005454861**

Latitude:	33.63705
Longitude:	-117.9330
APN:	NONE SPECIFIED
Past Use:	FOUNDRY, UNDERGROUND STORAGE TANKS
Potential COC :	Tetrachloroethylene (PCE
Confirmed COC:	Tetrachloroethylene (PCE
Potential Description:	IA, OTH, SOIL, SV, UE
Alias Name:	401579
Alias Type:	Project Code (Site Code)
Alias Name:	60001550
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Litigation Support
Completed Date:	10/30/2012
Comments:	Complaint was filed and counsel indicates that process will move forward
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	01/04/2012
Comments:	Not reported
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	Remedial Action Completion Report
Future Due Date:	2018
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	Remedial Action Plan
Future Due Date:	2018
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	Remedial Investigation / Feasibility Study
Future Due Date:	2017
Schedule Area Name:	PROJECT WIDE
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Consent Decree
Schedule Due Date:	06/30/2014
Schedule Revised Date:	Not reported

ENVIROSTOR:

Site Type:	State Response
Site Type Detailed:	State Response or NPL
Acres:	20
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Maryam Tasnif-Abbasi
Supervisor:	Emad Yemut
Division Branch:	Southern California Schools & Brownfields Outreach
Facility ID:	60001550
Site Code:	401579
Assembly:	74

GRISWOLD INDUSTRIES CLA-VAL CO. (Continued) **1005454861**

Senate: 37
Special Program: Not reported
Status: Active
Status Date: 04/19/2011
Restricted Use: NO
Site Mgmt. Req.: NONE SPECIFIED
Funding: Responsible Party
Latitude: 33.63705
Longitude: -117.9330
APN: NONE SPECIFIED
Past Use: FOUNDRY, UNDERGROUND STORAGE TANKS
Potential COC: Tetrachloroethylene (PCE
Confirmed COC: Tetrachloroethylene (PCE, Tetrachloroethylene (PCE
Potential Description: IA, OTH, SOIL, SV, UE
Alias Name: 401579
Alias Type: Project Code (Site Code)
Alias Name: 60001550
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 10/30/2012
Comments: Complaint was filed and counsel indicates that process will move forward

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/04/2012
Comments: Not reported

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Remedial Action Completion Report
Future Due Date: 2018
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Remedial Action Plan
Future Due Date: 2018
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Remedial Investigation / Feasibility Study
Future Due Date: 2017
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Consent Decree
Schedule Due Date: 06/30/2014
Schedule Revised Date: Not reported

Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported

GRISWOLD INDUSTRIES CLA-VAL CO. (Continued) **1005454861**

Supervisor: Not reported
Division Branch: Cleanup Cypress
Facility ID: 71002482
Site Code: Not reported
Assembly: 74
Senate: 37
Special Program: Not reported
Status: Inactive - Needs Evaluation
Status Date: Not reported
Restricted Use: NO
Site Mgmt. Req.: NONE SPECIFIED
Funding: Not reported
Latitude: 33.63705
Longitude: -117.9330
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: Tetrachloroethylene (PCE, Tetrachloroethylene (PCE, NONE SPECIFIED
Confirmed COC: Tetrachloroethylene (PCE, Tetrachloroethylene (PCE, NONE SPECIFIED, NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD057477994
Alias Type: EPA Identification Number
Alias Name: 110000495624
Alias Type: EPA (FRS #)
Alias Name: 71002482
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

RGA LUST:

2012 CLA-VAL CORP 1701 PLACENTIA
2012 CLA-VAL 1701 PLACENTIA
2011 CLA-VAL CORP 1701 PLACENTIA
2011 CLA-VAL 1701 PLACENTIA
2010 CLA-VAL CORP 1701 PLACENTIA
2010 CLA-VAL 1701 PLACENTIA
2009 CLA-VAL 1701 PLACENTIA
2009 CLA-VAL CORP 1701 PLACENTIA
2008 CLA-VAL 1701 PLACENTIA
2008 CLA-VAL CORP 1701 PLACENTIA
2007 CLA-VAL 1701 PLACENTIA
2007 CLA-VAL CORP 1701 PLACENTIA

GRISWOLD INDUSTRIES CLA-VAL CO. (Continued) **1005454861**

2006 CLA-VAL 1701 PLACENTIA
2006 CLA-VAL CORP 1701 PLACENTIA
2005 CLA-VAL 1701 PLACENTIA
2005 CLA-VAL CORP 1701 PLACENTIA
2003 CLA-VAL 1701 PLACENTIA AVE
2003 CLA-VAL CORP 1701 PLACENTIA AVE
2002 CLA-VAL CORPORATION 1701 PLACENTIA AVE
2001 CLA-VAL CORPORATION 1701 PLACENTIA AVE

P86 **RGA LUST** **S114240803**
NNW **837 WEST 17TH STREET** **N/A**
1/4-1/2 **COSTA MESA, CA**
0.363 mi.
1915 ft. **Site 1 of 2 in cluster P**

Relative:
Higher

RGA LUST:
1992 VANCE & ASSOC. ROOFING, INC. 837 WEST 17TH STREET

Actual:
106 ft.

P87 **VANCE & ASSOCIATES ROOFING INC** **HIST CORTESE** **S104160836**
NNW **837 17TH** **LUST** **N/A**
1/4-1/2 **COSTA MESA, CA 92627** **RGA LUST**
0.363 mi.
1915 ft. **Site 2 of 2 in cluster P**

Relative:
Higher

Actual:
106 ft.

CORTESE:
Region: CORTESE
Facility County Code: 30
Reg By: LTNKA
Reg Id: 083001512T

LUST:
Region: STATE
Global Id: T0605901153
Latitude: 33.635604
Longitude: -117.933535
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 08/08/1996
Lead Agency: ORANGE COUNTY LOP
Case Worker: DB
Local Agency: ORANGE COUNTY LOP
RB Case Number: 083001512T
LOC Case Number: 90UT107
File Location: Local Agency
Potential Media Affect: Soil
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

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

Contact:
Global Id: T0605901153
Contact Type: Regional Board Caseworker
Contact Name: VALERIE JAHN-BULL
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500

VANCE & ASSOCIATES ROOFING INC (Continued) **S104160836**

City: RIVERSIDE
Email: vjahn-bull@waterboards.ca.gov
Phone Number: 9517824903

Global Id: T0605901153
Contact Type: Local Agency Caseworker
Contact Name: DENAMARIE BAKER
Organization Name: ORANGE COUNTY LOP
Address: 1241 E. DYER ROAD, STE. 120
City: SANTA ANA
Email: dbaker@ochca.com
Phone Number: 7144336255

Status History:
Global Id: T0605901153
Status: Open - Case Begin Date
Status Date: 04/03/1990

Global Id: T0605901153
Status: Completed - Case Closed
Status Date: 08/08/1996

Regulatory Activities:
Global Id: T0605901153
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

Global Id: T0605901153
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

ORANGE CO. LUST:
Region: ORANGE
Facility Id: 90UT107
Current Status: Certification (Case Closed)
Released Substance: Waste oil/Used oil
Date Closed: 08/08/1996
Case Type: Soil Only
Record ID: RO0001918

LUST REG 8:
Region: 8
County: Orange
Regional Board: Santa Ana Region
Facility Status: Case Closed
Case Number: 083001512T
Local Case Num: 90UT107
Case Type: Soil only
Substance: Waste Oil
Qty Leaked: 0
Abate Method: Not reported
Cross Street: Not reported

VANCE & ASSOCIATES ROOFING INC (Continued) **S104160836**

Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Close Tank
Leak Cause:	Unknown
Leak Source:	Unknown
Global ID:	T0605901153
How Stopped Date:	9/9/9999
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	4/3/1990
Enforcement Date:	Not reported
Close Date:	8/8/1996
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.6359276
Longitude:	-117.9334434
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	VJJ
Staff Initials:	AR
Lead Agency:	Local Agency
Local Agency:	30000L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

RGA LUST:

2012	VANCE & ASSOCIATES ROOFING INC	837 17TH
2011	VANCE & ASSOCIATES ROOFING INC	837 17TH
2010	VANCE & ASSOCIATES ROOFING INC	837 17TH
2009	VANCE & ASSOCIATES ROOFING INC	837 17TH
2008	VANCE & ASSOCIATES ROOFING INC	837 17TH
2007	VANCE & ASSOCIATES ROOFING INC	837 17TH
2006	VANCE & ASSOCIATES ROOFING INC	837 17TH
2005	VANCE & ASSOCIATES ROOFING INC	837 17TH
2001	VANCE & ASSOC. ROOFING, INC.	837 17TH ST
2000	VANCE & ASSOC. ROOFING, INC.	837

MAP FINDINGS

Map ID / Direction / Distance / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
Q88		**RGA LUST**	**S114228999**
ESE	**488 OLD NEWPORT BOULEVARD**		**N/A**
1/4-1/2	**NEWPORT BEACH, CA**		
0.366 mi.			
1935 ft.	**Site 1 of 2 in cluster Q**		

Relative: **Lower**

Actual: **77 ft.**

RGA LUST:

1998	A AND G GARAGE (RALPH IRWIN)	488 OLD NEWPORT BOULEVARD
1997	A AND G GARAGE (RALPH IRWIN)	488 OLD NEWPORT BOULEVARD
1996	A AND G GARAGE (RALPH IRWIN)	488 OLD NEWPORT BOULEVARD
1992	A & G GARAGE (RALPH IRWIN)	488 OLD NEWPORT BOULEVARD

Map ID / Direction / Distance / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
Q89	**RALPH IRWIN SITE (FORMER A & G GARAGE)**	**LUST**	**S102816832**
ESE	**488 OLD NEWPORT BLVD**	**RGA LUST**	**N/A**
1/4-1/2	**NEWPORT BEACH, CA 92663**		
0.366 mi.			
1935 ft.	**Site 2 of 2 in cluster Q**		

Relative: **Lower**

Actual: **77 ft.**

LUST:

Region:	STATE
Global Id:	T0605900252
Latitude:	33.6286556
Longitude:	-117.9256884
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	12/09/1997
Lead Agency:	ORANGE COUNTY LOP
Case Worker:	DB
Local Agency:	ORANGE COUNTY LOP
RB Case Number:	083000318T
LOC Case Number:	85UT104
File Location:	Local Agency
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

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

Contact:

Global Id:	T0605900252
Contact Type:	Local Agency Caseworker
Contact Name:	DENAMARIE BAKER
Organization Name:	ORANGE COUNTY LOP
Address:	1241 E. DYER ROAD, STE. 120
City:	SANTA ANA
Email:	dbaker@ochca.com
Phone Number:	7144336255

Global Id:	T0605900252
Contact Type:	Regional Board Caseworker
Contact Name:	ROSE SCOTT
Organization Name:	SANTA ANA RWQCB (REGION 8)
Address:	3737 MAIN STREET, SUITE 500
City:	RIVERSIDE
Email:	rscott@waterboards.ca.gov
Phone Number:	9513206375

Status History:

Global Id:	T0605900252
Status:	Open - Case Begin Date

RALPH IRWIN SITE (FORMER A & G GARAGE) (Continued) **S102816832**

Status Date: 11/17/1992

Global Id: T0605900252
Status: Completed - Case Closed
Status Date: 12/09/1997

Regulatory Activities:
Global Id: T0605900252
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

Global Id: T0605900252
Action Type: REMEDIATION
Date: 01/01/1950
Action: Excavation

Global Id: T0605900252
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0605900252
Action Type: ENFORCEMENT
Date: 10/24/1997
Action: LOP Case Closure Summary to RB

ORANGE CO. LUST:
Region: ORANGE
Facility Id: 85UT104
Current Status: Certification (Case Closed)
Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded
Date Closed: 12/09/1997
Case Type: Other Ground Water
Record ID: RO0000748

LUST REG 8:
Region: 8
County: Orange
Regional Board: Santa Ana Region
Facility Status: Case Closed
Case Number: 083000318T
Local Case Num: 85UT104
Case Type: Other ground water affected
Substance: Gasoline
Qty Leaked: 0
Abate Method: Not reported
Cross Street: Not reported
Enf Type: Not reported
Funding: Not reported
How Discovered: PS
How Stopped: Close Tank
Leak Cause: Unknown
Leak Source: Unknown
Global ID: T0605900252

RALPH IRWIN SITE (FORMER A & G GARAGE) (Continued) **S102816832**

How Stopped Date:	9/9/9999
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	11/17/1992
Enforcement Date:	Not reported
Close Date:	12/9/1997
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.6303358
Longitude:	-117.9253742
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	1
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
MTBE Class:	*
Staff:	RS
Staff Initials:	AR
Lead Agency:	Local Agency
Local Agency:	30000L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

RGA LUST:

2012	RALPH IRWIN SITE (FORMER A & G GARAGE)	488 OLD NEWPORT
2011	RALPH IRWIN SITE (FORMER A & G GARAGE)	488 OLD NEWPORT
2010	RALPH IRWIN SITE (FORMER A & G GARAGE)	488 OLD NEWPORT
2009	RALPH IRWIN SITE (FORMER A & G GARAGE)	488 OLD NEWPORT
2008	RALPH IRWIN SITE (FORMER A & G GARAGE)	488 OLD NEWPORT
2007	RALPH IRWIN SITE (FORMER A & G GARAGE)	488 OLD NEWPORT
2006	RALPH IRWIN SITE (FORMER A & G GARAGE)	488 OLD NEWPORT
2005	RALPH IRWIN SITE (FORMER A & G GARAGE)	488 OLD NEWPORT
2003	RALPH IRWIN SITE (FORMER A G GARAGE)	488 OLD NEWPORT BLVD
2002	A AND G GARAGE (RALPH IRWIN)	488 OLD NEWPORT BLVD
2001	A AND G GARAGE (RALPH IRWIN)	488 OLD NEWPORT BLVD
2000	A AND G GARAGE (RALPH IRWIN)	488

Map ID / Direction / Distance / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
90 South 1/4-1/2 0.369 mi. 1950 ft. **Relative: Lower** **Actual: 63 ft.**	**HOAG MEMORIAL HOSPITAL PRESBYTERIAN** **1 HOAG DR** **NEWPORT BEACH, CA 92658**	**RCRA-LQG** **CA FID UST** **HIST UST** **SWEEPS UST** **EMI** **ENVIROSTOR** **US AIRS**	**1000232033** **CAD981388408**

RCRA-LQG:

Date form received by agency:	03/05/2012
Facility name:	HOAG MEMORIAL HOSPITAL PRESBYTERIAN
Facility address:	ONE HOAG DRIVE NEWPORT BEACH, CA 92663
EPA ID:	CAD981388408
Mailing address:	ONE HOAG DRIVE, PO BOX 6100 NEWPORT BEACH, CA 92663
Contact:	MONICA D DANG
Contact address:	ONE HOAG DRIVE NEWPORT BEACH, CA 92663
Contact country:	Not reported
Contact telephone:	(949) 764-8030
Contact email:	MONICA.DANG@HOAG.ORG
EPA Region:	09
Land type:	Private
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	HOAG MEMORIAL HOSPITAL PRESBYTERIAN
Owner/operator address:	Not reported Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	06/05/1944
Owner/Op end date:	Not reported

Owner/operator name:	HOAG MEMORIAL HOSPITAL PRESBYTERIAN
Owner/operator address:	ONE HOAG DRIVE NEWPORT BEACH, CA 92663
Owner/operator country:	US
Owner/operator telephone:	(949) 764-4624
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	06/05/1944
Owner/Op end date:	Not reported

HOAG MEMORIAL HOSPITAL PRESBYTERIAN (Continued) **1000232033**

Owner/operator name: HOAG MEMORIAL HOSPITAL PRESBYTERIAN
Owner/operator address: ONE HOAG DRIVE
NEWPORT BEACH, CA 92663
Owner/operator country: Not reported
Owner/operator telephone: (949) 764-4624
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 06/05/1944
Owner/Op end date: Not reported

Owner/operator name: ROXANNA R. BRYANT
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 04/04/2005
Owner/Op end date: Not reported

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

Historical Generators:
Date form received by agency: 06/10/2010
Facility name: HOAG MEMORIAL HOSPITAL PRESBYTERIAN
Classification: Large Quantity Generator

Date form received by agency: 02/19/2008
Facility name: HOAG MEMORIAL HOSPITAL PRESBYTERIAN
Classification: Large Quantity Generator

Date form received by agency: 01/27/2006
Facility name: HOAG MEMORIAL HOSPITAL PRESBYTERIAN
Classification: Small Quantity Generator

Date form received by agency: 01/27/2006
Facility name: HOAG MEMORIAL HOSPITAL PRESBYTERIAN
Classification: Large Quantity Generator

Date form received by agency: 02/13/2004
Facility name: HOAG MEMORIAL HOSPITAL PRESBYTERIAN

HOAG MEMORIAL HOSPITAL PRESBYTERIAN (Continued) **1000232033**

Classification: Large Quantity Generator

Date form received by agency: 09/01/1996
Facility name: HOAG MEMORIAL HOSPITAL PRESBYTERIAN
Site name: HOAG MEMORIAL HOSPITAL
Classification: Small Quantity Generator

Date form received by agency: 03/27/1996
Facility name: HOAG MEMORIAL HOSPITAL PRESBYTERIAN
Site name: HOAG HOSPITOL
Classification: Large Quantity Generator

Date form received by agency: 04/15/1994
Facility name: HOAG MEMORIAL HOSPITAL PRESBYTERIAN
Site name: HOAG MEMORIAL HOSPITAL
Classification: Large Quantity Generator

Date form received by agency: 03/16/1992
Facility name: HOAG MEMORIAL HOSPITAL PRESBYTERIAN
Site name: HOAG MEMORIAL HOSPITAL
Classification: Large Quantity Generator

Date form received by agency: 02/18/1986
Facility name: HOAG MEMORIAL HOSPITAL PRESBYTERIAN
Site name: HOAG MEMORIAL HOSPITAL
Classification: Large Quantity Generator

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

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

Waste code: D008
Waste name: LEAD

Waste code: D016
Waste name: 2,4-D

Waste code: D036
Waste name: NITROBENZENE

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL

HOAG MEMORIAL HOSPITAL PRESBYTERIAN (Continued) **1000232033**

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

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: P030
Waste name: CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED

Waste code: P075
Waste name: NICOTINE, & SALTS

Waste code: U010
Waste name: AZIRINO[2',3':3,4]PYRROLO[1,2-A]INDOLE-4,7-DIONE, 6-AMINO-8-[[(AMINOCARBONYL)OXY]METHYL]-1,1A,2,8,8A,8B-HEXAHYDRO-8A-METHOXY-5-METHYL-, [1AS-(1AALPHA, 8BETA,8AALPHA,8BALPHA)]-

Waste code: U050
Waste name: CHRYSENE

Waste code: U058
Waste name: CYCLOPHOSPHAMIDE

Waste code: U059
Waste name: DAUNOMYCIN

Waste code: U122
Waste name: FORMALDEHYDE

Waste code: U132
Waste name: HEXACHLOROPHENE

Waste code: U206
Waste name: GLUCOPYRANOSE, 2-DEOXY-2-(3-METHYL-3-NITROSOUREIDO)-, D-

Biennial Reports:

Last Biennial Reporting Year: 2013

Annual Waste Handled:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE

HOAG MEMORIAL HOSPITAL PRESBYTERIAN (Continued) **1000232033**

FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Amount (Lbs): 45140

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
Amount (Lbs): 35

Waste code: D003
Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.
Amount (Lbs): 48

Waste code: D008
Waste name: LEAD
Amount (Lbs): 2750

Waste code: D009
Waste name: MERCURY
Amount (Lbs): 15

Waste code: D011
Waste name: SILVER
Amount (Lbs): 12

Waste code: D016
Waste name: 2,4-D
Amount (Lbs): 180

Waste code: D035
Waste name: METHYL ETHYL KETONE
Amount (Lbs): 620

Waste code: D036
Waste name: NITROBENZENE
Amount (Lbs): 610

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

Map ID
Direction
Distance
Elevation | Site | MAP FINDINGS | Database(s) | EDR ID Number EPA ID Number

HOAG MEMORIAL HOSPITAL PRESBYTERIAN (Continued) **1000232033**

BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 43471.3

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 10

Waste code: P030
Waste name: CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED
Amount (Lbs): 18

Waste code: P075
Waste name: NICOTINE, & SALTS
Amount (Lbs): 395

Waste code: U010
Waste name: AZIRINO[2',3':3,4]PYRROLO[1,2-A]INDOLE-4,7-DIONE, 6-AMINO-8-[[(AMINOCARBONYL)OXY]METHYL]-1,1A,2,8,8A,8B-HEXAHYDRO-8A-METHOXY-5-METHYL-, [1AS-(1AALPHA, 8BETA,8AALPHA,8BALPHA)]-
Amount (Lbs): 590

Waste code: U050
Waste name: CHRYSENE
Amount (Lbs): 275

Waste code: U058
Waste name: CYCLOPHOSPHAMIDE
Amount (Lbs): 315

Waste code: U059
Waste name: DAUNOMYCIN
Amount (Lbs): 275

Waste code: U122
Waste name: FORMALDEHYDE
Amount (Lbs): 30

Waste code: U132
Waste name: HEXACHLOROPHENE
Amount (Lbs): 98

Waste code: U200
Waste name: RESERPINE
Amount (Lbs): 275

Waste code: U206
Waste name: GLUCOPYRANOSE, 2-DEOXY-2-(3-METHYL-3-NITROSOUREIDO)-, D-
Amount (Lbs): 275

HOAG MEMORIAL HOSPITAL PRESBYTERIAN (Continued) **1000232033**

Facility Has Received Notices of Violations:
- Regulation violated: Not reported
- Area of violation: Generators - General
- Date violation determined: 03/09/2009
- Date achieved compliance: 03/11/2009
- Violation lead agency: State
  - Enforcement action: WRITTEN INFORMAL
  - Enforcement action date: 03/09/2009
  - Enf. disposition status: Not reported
  - Enf. disp. status date: Not reported
  - Enforcement lead agency: State
  - Proposed penalty amount: Not reported
  - Final penalty amount: Not reported
  - Paid penalty amount: Not reported

- Regulation violated: FR - 262.10-12.A
- Area of violation: Generators - General
- Date violation determined: 08/11/1992
- Date achieved compliance: 09/19/1994
- Violation lead agency: State
  - Enforcement action: Not reported
  - Enforcement action date: Not reported
  - Enf. disposition status: Not reported
  - Enf. disp. status date: Not reported
  - Enforcement lead agency: Not reported
  - Proposed penalty amount: Not reported
  - Final penalty amount: Not reported
  - Paid penalty amount: Not reported

Evaluation Action Summary:
- Evaluation date: 03/09/2009
- Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
- Area of violation: Generators - General
- Date achieved compliance: 03/11/2009
- Evaluation lead agency: State

- Evaluation date: 09/19/1994
- Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
- Area of violation: Not reported
- Date achieved compliance: Not reported
- Evaluation lead agency: State Contractor/Grantee

- Evaluation date: 08/11/1992
- Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
- Area of violation: Generators - General
- Date achieved compliance: 09/19/1994
- Evaluation lead agency: State Contractor/Grantee

CA FID UST:
- Facility ID: 30006014
- Regulated By: UTNKA
- Regulated ID: Not reported
- Cortese Code: Not reported
- SIC Code: Not reported
- Facility Phone: 7146458600
- Mail To: Not reported
- Mailing Address: 301 NEWPORT BLVD P O BOX

HOAG MEMORIAL HOSPITAL PRESBYTERIAN (Continued) **1000232033**

Mailing Address 2: Not reported
Mailing City,St,Zip: NEWPORT BEACH 92663
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

HIST UST:
Region: STATE
Facility ID: 00000014293
Facility Type: Other
Other Type: HOSPITAL
Total Tanks: 0003
Contact Name: Not reported
Telephone: 7147602007
Owner Name: HOAG MEMORIAL HOSPITAL PRESBYT
Owner Address: 301 NEWPORT BLVD., BOX Y
Owner City,St,Zip: NEWPORT BEACH, CA 92663

Tank Num: 001
Container Num: 2
Year Installed: 1979
Tank Capacity: 00000550
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Tank Construction: 12 gauge
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: TANK 1A
Year Installed: 1970
Tank Capacity: 00015000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Tank Construction: 1/4 inches
Leak Detection: Stock Inventor

Tank Num: 003
Container Num: TANK 1A
Year Installed: 1970
Tank Capacity: 00015000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Tank Construction: 1/4 inches
Leak Detection: Stock Inventor

SWEEPS UST:
Status: Not reported
Comp Number: 4877
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported

HOAG MEMORIAL HOSPITAL PRESBYTERIAN (Continued) **1000232033**

Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 30-000-004877-000001
Actv Date: Not reported
Capacity: 15000
Tank Use: UNKNOWN
Stg: PRODUCT
Content: Not reported
Number Of Tanks: 2

Status: Not reported
Comp Number: 4877
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 30-000-004877-000002
Actv Date: Not reported
Capacity: 15000
Tank Use: UNKNOWN
Stg: PRODUCT
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 4877
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 09-15-92
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 30-000-004877-000003
Actv Date: Not reported
Capacity: 550
Tank Use: M.V. FUEL
Stg: P
Content: DIESEL
Number Of Tanks: 3

Status: Active
Comp Number: 4877
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 09-15-92
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 30-000-004877-000007
Actv Date: Not reported
Capacity: 10000

HOAG MEMORIAL HOSPITAL PRESBYTERIAN (Continued) **1000232033**

Tank Use: M.V. FUEL
Stg: P
Content: DIESEL
Number Of Tanks: Not reported

Status: Active
Comp Number: 4877
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 09-15-92
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 30-000-004877-000008
Actv Date: Not reported
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: DIESEL
Number Of Tanks: Not reported

EMI:
Year: 1990
County Code: 30
Air Basin: SC
Facility ID: 11245
Air District Name: SC
SIC Code: 8062
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 4
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1993
County Code: 30
Air Basin: SC
Facility ID: 11245
Air District Name: SC
SIC Code: 8062
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 5
Reactive Organic Gases Tons/Yr: 5
Carbon Monoxide Emissions Tons/Yr: 2
NOX - Oxides of Nitrogen Tons/Yr: 6
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

HOAG MEMORIAL HOSPITAL PRESBYTERIAN (Continued) **1000232033**

Year:	1995
County Code:	30
Air Basin:	SC
Facility ID:	11245
Air District Name:	SC
SIC Code:	8062
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	5
Reactive Organic Gases Tons/Yr:	5
Carbon Monoxide Emissions Tons/Yr:	2
NOX - Oxides of Nitrogen Tons/Yr:	6
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1996
County Code:	30
Air Basin:	SC
Facility ID:	11245
Air District Name:	SC
SIC Code:	8062
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	6
Reactive Organic Gases Tons/Yr:	5
Carbon Monoxide Emissions Tons/Yr:	3
NOX - Oxides of Nitrogen Tons/Yr:	9
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	1
Part. Matter 10 Micrometers & Smllr Tons/Yr:	1

Year:	1997
County Code:	30
Air Basin:	SC
Facility ID:	11245
Air District Name:	SC
SIC Code:	8062
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	8
Reactive Organic Gases Tons/Yr:	7
Carbon Monoxide Emissions Tons/Yr:	2
NOX - Oxides of Nitrogen Tons/Yr:	7
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	1
Part. Matter 10 Micrometers & Smllr Tons/Yr:	1

Year:	1998
County Code:	30
Air Basin:	SC
Facility ID:	11245
Air District Name:	SC
SIC Code:	8062

HOAG MEMORIAL HOSPITAL PRESBYTERIAN (Continued) **1000232033**

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:	7
Carbon Monoxide Emissions Tons/Yr:	2
NOX - Oxides of Nitrogen Tons/Yr:	7
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	1
Part. Matter 10 Micrometers & Smllr Tons/Yr:	1

Year:	1999
County Code:	30
Air Basin:	SC
Facility ID:	11245
Air District Name:	SC
SIC Code:	8062
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	8
Reactive Organic Gases Tons/Yr:	7
Carbon Monoxide Emissions Tons/Yr:	2
NOX - Oxides of Nitrogen Tons/Yr:	7
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	1
Part. Matter 10 Micrometers & Smllr Tons/Yr:	1

Year:	2000
County Code:	30
Air Basin:	SC
Facility ID:	11245
Air District Name:	SC
SIC Code:	8062
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	8
Reactive Organic Gases Tons/Yr:	7
Carbon Monoxide Emissions Tons/Yr:	2
NOX - Oxides of Nitrogen Tons/Yr:	7
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	1
Part. Matter 10 Micrometers & Smllr Tons/Yr:	1

Year:	2001
County Code:	30
Air Basin:	SC
Facility ID:	11245
Air District Name:	SC
SIC Code:	8062
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	5
Reactive Organic Gases Tons/Yr:	4
Carbon Monoxide Emissions Tons/Yr:	6

HOAG MEMORIAL HOSPITAL PRESBYTERIAN (Continued) **1000232033**

NOX - Oxides of Nitrogen Tons/Yr: 5
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 1
Part. Matter 10 Micrometers & Smllr Tons/Yr: 1

Year: 2009
County Code: 30
Air Basin: SC
Facility ID: 11245
Air District Name: SC
SIC Code: 8062
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 28.730071071295601
Reactive Organic Gases Tons/Yr: 6.0638269999999999
Carbon Monoxide Emissions Tons/Yr: 8.4732599999999998
NOX - Oxides of Nitrogen Tons/Yr: 6.7729999999999997
SOX - Oxides of Sulphur Tons/Yr: 0.15520200000000001
Particulate Matter Tons/Yr: 3.2284236000000002
Part. Matter 10 Micrometers & Smllr Tons/Yr: 2.5163300014800001

Year: 2010
County Code: 30
Air Basin: SC
Facility ID: 11245
Air District Name: SC
SIC Code: 8062
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 5.8987273674379699
Reactive Organic Gases Tons/Yr: 1.3834800035000001
Carbon Monoxide Emissions Tons/Yr: 7.5320200174999998
NOX - Oxides of Nitrogen Tons/Yr: 7.1665000650000001
SOX - Oxides of Sulphur Tons/Yr: 0.17270000029999999
Particulate Matter Tons/Yr: 3.3899600037500002
Part. Matter 10 Micrometers & Smllr Tons/Yr: 2.67257532075

ENVIROSTOR:
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Cypress
Facility ID: 71002787
Site Code: Not reported
Assembly: 74
Senate: 37
Special Program: Not reported
Status: Inactive - Needs Evaluation
Status Date: Not reported
Restricted Use: NO

HOAG MEMORIAL HOSPITAL PRESBYTERIAN (Continued) **1000232033**

Site Mgmt. Req.: NONE SPECIFIED
Funding: Not reported
Latitude: 33.62115
Longitude: -117.9294
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED, NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD981388408
Alias Type: EPA Identification Number
Alias Name: 110018983938
Alias Type: EPA (FRS #)
Alias Name: 71002787
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

AIRS (AFS):

Compliance and Violation Data Major Sources:
EPA plant ID: 110010473433
Plant name: HOAG MEMORIAL HOSPITAL PRESBYTERIAN
Plant address: 1 HOAG DR
NEWPORT BEACH, CA 926586100
County: ORANGE
Region code: 09
Dunn & Bradst #: Not reported
Air quality cntrl region: 024
Sic code: 8061
Sic code desc: Not reported
North Am. industrial classf: 622110
NAIC code description: General Medical and Surgical Hospitals
Default compliance status: IN COMPLIANCE - INSPECTION
Default classification: ACTUAL OR POTENTIAL EMISSIONS ARE ABOVE THE APPLICABLE MAJOR SOURCE THRESHOLDS
Govt facility: ALL OTHER FACILITIES NOT OWNED OR OPERATED BY A FEDERAL, STATE, OR LOCAL GOVERNMENT
Current HPV: Not reported

Compliance and Enforcement Major Issues:

HOAG MEMORIAL HOSPITAL PRESBYTERIAN (Continued) **1000232033**

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 060223
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved: 060309
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved: 060615
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 060615
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 070824
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 070824
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 070824
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 070824
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved: 071116
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved: 071116
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved: 080513
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD

HOAG MEMORIAL HOSPITAL PRESBYTERIAN (Continued) **1000232033**

Date achieved: 080513
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 080819
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 080819
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 080819
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 080819
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved: 081017
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved: 081017
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved: 081023
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved: 081023
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 090818
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 090818
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 090818
Penalty amount: Not reported

HOAG MEMORIAL HOSPITAL PRESBYTERIAN (Continued) **1000232033**

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 090818
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY
Date achieved: 100225
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY
Date achieved: 100225
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: TITLE V COMPLIANCE CERT DUE/RECEIVED BY
Date achieved: 100302
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 100803
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 100803
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100803
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 100803
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 100803
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100803
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY
Date achieved: 110301
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY

HOAG MEMORIAL HOSPITAL PRESBYTERIAN (Continued) **1000232033**

Date achieved: 110301
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 110810
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 110810
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 110810
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 110810
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 110810
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 110810
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved: 110929
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved: 110929
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY
Date achieved: 120227
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY
Date achieved: 120227
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved: 120510
Penalty amount: Not reported

HOAG MEMORIAL HOSPITAL PRESBYTERIAN (Continued) **1000232033**

Air program: TITLE V PERMITS
National action type: S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved: 120510
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 120817
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 120817
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 121003
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 121003
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 121003
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 121003
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY
Date achieved: 130227
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY
Date achieved: 130227
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved: 130430
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved: 130430
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD

HOAG MEMORIAL HOSPITAL PRESBYTERIAN (Continued) **1000232033**

Date achieved: 130501
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved: 130501
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved: 130502
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved: 130502
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved: 130528
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved: 130528
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved: 130628
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved: 130628
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 130801
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 130801
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130829
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 130829
Penalty amount: Not reported

HOAG MEMORIAL HOSPITAL PRESBYTERIAN (Continued) **1000232033**

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130829
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 130829
Penalty amount: Not reported

Historical Compliance Minor Sources:
State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1004
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1101
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1102
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1102
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1103
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1104
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1201
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1201
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1202
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1203
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1204
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1204

Map ID
Direction
Distance
Elevation | Site | MAP FINDINGS | Database(s) | EDR ID Number EPA ID Number

HOAG MEMORIAL HOSPITAL PRESBYTERIAN (Continued) **1000232033**

Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1301
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1302
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1303
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1004
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1101
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1103
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1104
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1202
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1203
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1301
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1302
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1303
Air prog code hist file: TITLE V PERMITS

Permit Information:
Compliance plant ID: CB361
Permit number: 11245
Permit category: V
Permit category desc: TITLE V PERMIT - PLANT SP

HOAG MEMORIAL HOSPITAL PRESBYTERIAN (Continued) **1000232033**

Permit Source:
- Compliance plant ID: CB361
- Plant name: HOAG MEMORIAL HOSPITAL PRESBYTERIAN
- Plant address: 1 HOAG DR
  NEWPORT BEACH, CA 926586100

Event Information:
- Compliance permit ID: CB361
- Permit number: 11245
- Event action type: IF
- Event description: *PERMIT AUTHORITY ISSUES FINAL PERMIT
- Event action #: 001
- Event date: 20090616

R91 **RGA LUST** **S114204644**
ENE **1640 SUPERIOR AVENUE** **N/A**
1/4-1/2 **COSTA MESA, CA**
0.394 mi.
2080 ft. **Site 1 of 2 in cluster R**

Relative:
Lower

Actual:
88 ft.

RGA LUST:

1998	WEBER FAMILY TRUST	1640 SUPERIOR AVENUE
1997	WEBER FAMILY TRUST	1640 SUPERIOR AVENUE
1996	WEBER FAMILY TRUST	1640 SUPERIOR AVENUE

R92 **WEBER FAMILY TRUST** **LUST** **S102441120**
ENE **1640 SUPERIOR AVE** **RGA LUST** **N/A**
1/4-1/2 **COSTA MESA, CA 92627**
0.394 mi.
2080 ft. **Site 2 of 2 in cluster R**

Relative:
Lower

Actual:
88 ft.

LUST:
- Region: STATE
- Global Id: T0605901939
- Latitude: 33.6340567
- Longitude: -117.9254642
- Case Type: LUST Cleanup Site
- Status: Completed - Case Closed
- Status Date: 02/29/2008
- Lead Agency: ORANGE COUNTY LOP
- Case Worker: DB
- Local Agency: ORANGE COUNTY LOP
- RB Case Number: 083002815T
- LOC Case Number: 96UT019
- File Location: Local Agency
- Potential Media Affect: Other Groundwater (uses other than drinking water)
- Potential Contaminants of Concern: Gasoline
- Site History: Not reported

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

Contact:
- Global Id: T0605901939
- Contact Type: Local Agency Caseworker
- Contact Name: DENAMARIE BAKER

WEBER FAMILY TRUST (Continued) **S102441120**

Organization Name: ORANGE COUNTY LOP
Address: 1241 E. DYER ROAD, STE. 120
City: SANTA ANA
Email: dbaker@ochca.com
Phone Number: 7144336255

Global Id: T0605901939
Contact Type: Regional Board Caseworker
Contact Name: TOM E. MBEKE-EKANEM
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: tmbeke-ekanem@waterboards.ca.gov
Phone Number: 9513202007

Status History:
Global Id: T0605901939
Status: Open - Case Begin Date
Status Date: 06/05/1996

Global Id: T0605901939
Status: Open - Remediation
Status Date: 03/08/2001

Global Id: T0605901939
Status: Completed - Case Closed
Status Date: 02/29/2008

Regulatory Activities:
Global Id: T0605901939
Action Type: ENFORCEMENT
Date: 05/28/2003
Action: Staff Letter

Global Id: T0605901939
Action Type: ENFORCEMENT
Date: 06/24/2003
Action: Staff Letter

Global Id: T0605901939
Action Type: ENFORCEMENT
Date: 09/18/2003
Action: Staff Letter

Global Id: T0605901939
Action Type: ENFORCEMENT
Date: 03/28/2005
Action: Staff Letter

Global Id: T0605901939
Action Type: ENFORCEMENT
Date: 06/23/2005
Action: Staff Letter

Global Id: T0605901939
Action Type: ENFORCEMENT

WEBER FAMILY TRUST (Continued) **S102441120**

Date: 01/03/2006
Action: * Historical Enforcement

Global Id: T0605901939
Action Type: ENFORCEMENT
Date: 02/29/2008
Action: Closure/No Further Action Letter

Global Id: T0605901939
Action Type: ENFORCEMENT
Date: 08/17/2007
Action: Staff Letter

Global Id: T0605901939
Action Type: ENFORCEMENT
Date: 01/18/2007
Action: * Historical Enforcement

Global Id: T0605901939
Action Type: ENFORCEMENT
Date: 10/04/2007
Action: Staff Letter

Global Id: T0605901939
Action Type: REMEDIATION
Date: 01/01/1950
Action: Excavation

Global Id: T0605901939
Action Type: REMEDIATION
Date: 01/01/1950
Action: Soil Vapor Extraction (SVE)

Global Id: T0605901939
Action Type: REMEDIATION
Date: 01/01/1950
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0605901939
Action Type: REMEDIATION
Date: 01/01/1950
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0605901939
Action Type: REMEDIATION
Date: 01/01/1950
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0605901939
Action Type: ENFORCEMENT
Date: 02/29/2008
Action: Closure/No Further Action Letter

Global Id: T0605901939
Action Type: Other
Date: 01/01/1950
Action: Leak Stopped

WEBER FAMILY TRUST (Continued) **S102441120**

Global Id: T0605901939
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

Global Id: T0605901939
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

ORANGE CO. LUST:
Region: ORANGE
Facility Id: 96UT019
Current Status: Certification (Case Closed)
Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded
Date Closed: 02/29/2008
Case Type: Other Ground Water
Record ID: RO0001430

LUST REG 8:
Region: 8
County: Orange
Regional Board: Santa Ana Region
Facility Status: Remedial action (cleanup) Underway
Case Number: 083002815T
Local Case Num: 96UT019
Case Type: Other ground water affected
Substance: Gasoline
Qty Leaked: 0
Abate Method: Not reported
Cross Street: Not reported
Enf Type: SEL
Funding: Not reported
How Discovered: Tank Closure
How Stopped: Close Tank
Leak Cause: Unknown
Leak Source: Tank
Global ID: T0605901939
How Stopped Date: 6/5/1996
Enter Date: Not reported
Date Confirmation of Leak Began: Not reported
Date Preliminary Assessment Began: Not reported
Discover Date: 6/5/1996
Enforcement Date: Not reported
Close Date: Not reported
Date Prelim Assessment Workplan Submitted: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: 3/8/2001
Date Post Remedial Action Monitoring: Not reported
Enter Date: Not reported
GW Qualifies: =
Soil Qualifies: Not reported
Operator: Not reported
Facility Contact: Not reported

Map ID
Direction
Distance
Elevation | Site | MAP FINDINGS | Database(s) | EDR ID Number EPA ID Number

WEBER FAMILY TRUST (Continued) **S102441120**

Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.6340567
Longitude:	-117.9254642
MTBE Date:	9/20/2001
Max MTBE GW:	940
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	1
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected
MTBE Class:	*
Staff:	TME
Staff Initials:	AR
Lead Agency:	Local Agency
Local Agency:	30000L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Summary:	Not reported

RGA LUST:

2012	WEBER FAMILY TRUST	1640 SUPERIOR
2011	WEBER FAMILY TRUST	1640 SUPERIOR
2010	WEBER FAMILY TRUST	1640 SUPERIOR
2009	WEBER FAMILY TRUST	1640 SUPERIOR
2008	WEBER FAMILY TRUST	1640 SUPERIOR
2007	WEBER FAMILY TRUST	1640 SUPERIOR
2006	WEBER FAMILY TRUST	1640 SUPERIOR
2005	WEBER FAMILY TRUST	1640 SUPERIOR
2003	WEBER FAMILY TRUST	1640 SUPERIOR AVE
2002	WEBER FAMILY TRUST	1640 SUPERIOR AVE
2001	WEBER FAMILY TRUST	1640 SUPERIOR AVE
2000	WEBER FAMILY TRUST	1640

S93 **PRECISION OPTICAL** **RCRA-SQG** **1000172323**
NNW **869 W 17TH ST** **FINDS** **CAD981391386**
1/4-1/2 **COSTA MESA, CA** **Cortese**
0.396 mi. **RESPONSE**
2089 ft. **Site 1 of 2 in cluster S** **HAZNET**
EMI
Relative: **ENVIROSTOR**
Higher

Actual: **107 ft.**

RCRA-SQG:

Date form received by agency:	09/01/1996
Facility name:	PRECISION OPTICAL
Facility address:	869 W 17TH ST COSTA MESA, CA 92627
EPA ID:	CAD981391386
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	09

PRECISION OPTICAL (Continued) **1000172323**

Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

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

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

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

Historical Generators:
Date form received by agency: 02/24/1986
Facility name: PRECISION OPTICAL
Classification: Large Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 06/09/1994

PRECISION OPTICAL (Continued) **1000172323**

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

FINDS:

Registry ID: 110002691640

Environmental Interest/Information System

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY

CORTESE:
Region: CORTESE
Envirostor Id: 60001612
Site/Facility Type: STATE RESPONSE
Cleanup Status: ACTIVE
Status Date: 12/13/2011
Site Code: 401409
Latitude: 33.636080
Longitude: -117.93469
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: export
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported

RESPONSE:
Facility ID: 60001612
Site Type: State Response
Site Type Detail: State Response or NPL
Acres: 1.26
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Maryam Tasnif-Abbasi
Supervisor: Emad Yemut
Division Branch: Southern California Schools & Brownfields Outreach
Site Code: 401409

PRECISION OPTICAL (Continued) **1000172323**

Site Mgmt. Req.: NONE SPECIFIED
Assembly: 68
Senate: 35
Special Program Status: Not reported
Status: Active
Status Date: 12/13/2011
Restricted Use: NO
Funding: Responsible Party
Latitude: 33.63608
Longitude: -117.9346
APN: NONE SPECIFIED
Past Use: HAZARDOUS WASTE STORAGE - TANKS/CONTAINERS, MANUFACTURING - OTHER
Potential COC : Tetrachloroethylene (PCE
Confirmed COC: Tetrachloroethylene (PCE
Potential Description: OTH, SOIL, SV
Alias Name: 401409
Alias Type: Project Code (Site Code)
Alias Name: 60001612
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 12/21/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/04/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/03/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/06/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/06/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/06/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE

PRECISION OPTICAL (Continued) **1000172323**

Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 06/08/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/06/2012
Comments: received

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 08/06/2012
Comments: received

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/07/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/06/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 11/06/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/02/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/06/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Order
Completed Date: 12/13/2011
Comments: Consent Order fully executed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan
Completed Date: 09/07/2012

PRECISION OPTICAL (Continued) **1000172323**

Comments: completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 08/03/2012
Comments: completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 06/11/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 04/10/2013
Comments: Report was accepted; further investigation is needed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 08/03/2012
Comments: Final work plan received

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/16/2013
Comments: Document received via email.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan
Completed Date: 03/25/2013
Comments: Document received.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan
Completed Date: 08/29/2013
Comments: Document received via email.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan
Completed Date: 08/03/2012
Comments: Final document received.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/01/2013
Comments: Monthly Progress Report for Sept 2013

Completed Area Name: PROJECT WIDE

PRECISION OPTICAL (Continued) **1000172323**

Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 02/28/2013
Comments: Report received via email.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/02/2013
Comments: Document received.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/01/2013
Comments: Document received via email on April 1 2013.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 02/04/2013
Comments: Document Received via email.

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Removal Action Workplan
Future Due Date: 2015
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Removal Action Completion Report
Future Due Date: 2016
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Public Notice
Future Due Date: 2014
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Site Characterization Report
Future Due Date: 2014
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Fact Sheets
Future Due Date: 2015
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: CEQA - Responsible Agency Review
Future Due Date: 2014
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

HAZNET:
Year: 2011
Gepaid: CAD981391386
Contact: GREGORY S. LANE/PURCHASING MGR

PRECISION OPTICAL (Continued) **1000172323**

Telephone:	9496316800
Mailing Name:	Not reported
Mailing Address:	320 KALMUS DR
Mailing City,St,Zip:	COSTA MESA, CA 926260000
Gen County:	Not reported
TSD EPA ID:	CAD008364432
TSD County:	Not reported
Waste Category:	Waste oil and mixed oil
Disposal Method:	Fuel Blending Prior To Energy Recovery At Another Site
Tons:	2.4624
Facility County:	Orange

Year:	2011
Gepaid:	CAD981391386
Contact:	GREGORY S. LANE/PURCHASING MGR
Telephone:	9496316800
Mailing Name:	Not reported
Mailing Address:	320 KALMUS DR
Mailing City,St,Zip:	COSTA MESA, CA 926260000
Gen County:	Not reported
TSD EPA ID:	CAD008364432
TSD County:	Not reported
Waste Category:	Organic solids with halogens
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.35
Facility County:	Orange

Year:	2011
Gepaid:	CAD981391386
Contact:	GREGORY S. LANE/PURCHASING MGR
Telephone:	9496316800
Mailing Name:	Not reported
Mailing Address:	320 KALMUS DR
Mailing City,St,Zip:	COSTA MESA, CA 926260000
Gen County:	Not reported
TSD EPA ID:	CAD008364432
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:	0.2085
Facility County:	Orange

Year:	2010
Gepaid:	CAD981391386
Contact:	GREGORY S. LANE/PURCHASING MGR
Telephone:	9496316800
Mailing Name:	Not reported
Mailing Address:	320 KALMUS DR
Mailing City,St,Zip:	COSTA MESA, CA 926260000
Gen County:	Not reported
TSD EPA ID:	CAD008364432
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)

PRECISION OPTICAL (Continued) **1000172323**

Tons: 0.027
Facility County: Orange

Year: 2010
Gepaid: CAD981391386
Contact: GREGORY S. LANE/PURCHASING MGR
Telephone: 9496316800
Mailing Name: Not reported
Mailing Address: 320 KALMUS DR
Mailing City,St,Zip: COSTA MESA, CA 926260000
Gen County: Not reported
TSD EPA ID: CAD008364432
TSD County: Not reported
Waste Category: Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: Not reported
Tons: Not reported
Facility County: Orange

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

EMI:
Year: 1987
County Code: 30
Air Basin: SC
Facility ID: 42152
Air District Name: SC
SIC Code: 3827
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: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1990
County Code: 30
Air Basin: SC
Facility ID: 42152
Air District Name: SC
SIC Code: 3827
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: 10
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

Year: 1995

Map ID
Direction
Distance
Elevation | Site | MAP FINDINGS | Database(s) | EDR ID Number EPA ID Number

PRECISION OPTICAL (Continued) **1000172323**

County Code:	30
Air Basin:	SC
Facility ID:	42152
Air District Name:	SC
SIC Code:	3827
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	8
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1996
County Code:	30
Air Basin:	SC
Facility ID:	42152
Air District Name:	SC
SIC Code:	3827
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	7
Reactive Organic Gases Tons/Yr:	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

Year:	1997
County Code:	30
Air Basin:	SC
Facility ID:	42152
Air District Name:	SC
SIC Code:	3827
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	6
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1998
County Code:	30
Air Basin:	SC
Facility ID:	42152
Air District Name:	SC
SIC Code:	3827
Air District Name:	SOUTH COAST AQMD

PRECISION OPTICAL (Continued) **1000172323**

Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	6
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1999
County Code:	30
Air Basin:	SC
Facility ID:	42152
Air District Name:	SC
SIC Code:	3827
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	6
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2000
County Code:	30
Air Basin:	SC
Facility ID:	42152
Air District Name:	SC
SIC Code:	3827
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	6
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2001
County Code:	30
Air Basin:	SC
Facility ID:	42152
Air District Name:	SC
SIC Code:	3827
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0

PRECISION OPTICAL (Continued) **1000172323**

SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

ENVIROSTOR:
Site Type: State Response
Site Type Detailed: State Response or NPL
Acres: 1.26
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Maryam Tasnif-Abbasi
Supervisor: Emad Yemut
Division Branch: Southern California Schools & Brownfields Outreach
Facility ID: 60001612
Site Code: 401409
Assembly: 68
Senate: 35
Special Program: Not reported
Status: Active
Status Date: 12/13/2011
Restricted Use: NO
Site Mgmt. Req.: NONE SPECIFIED
Funding: Responsible Party
Latitude: 33.63608
Longitude: -117.9346
APN: NONE SPECIFIED
Past Use: HAZARDOUS WASTE STORAGE - TANKS/CONTAINERS, MANUFACTURING - OTHER
Potential COC: Tetrachloroethylene (PCE
Confirmed COC: Tetrachloroethylene (PCE, Tetrachloroethylene (PCE
Potential Description: OTH, SOIL, SV
Alias Name: 401409
Alias Type: Project Code (Site Code)
Alias Name: 60001612
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 12/21/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/04/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/03/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

PRECISION OPTICAL (Continued) **1000172323**

Completed Document Type: Other Report
Completed Date: 03/06/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/06/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/06/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 06/08/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/06/2012
Comments: received

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 08/06/2012
Comments: received

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/07/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/06/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 11/06/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/02/2012
Comments: Not reported

PRECISION OPTICAL (Continued) **1000172323**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/06/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Order
Completed Date: 12/13/2011
Comments: Consent Order fully executed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan
Completed Date: 09/07/2012
Comments: completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 08/03/2012
Comments: completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 06/11/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 04/10/2013
Comments: Report was accepted; further investigation is needed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 08/03/2012
Comments: Final work plan received

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/16/2013
Comments: Document received via email.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan
Completed Date: 03/25/2013
Comments: Document received.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan

PRECISION OPTICAL (Continued) **1000172323**

Completed Date: 08/29/2013
Comments: Document received via email.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan
Completed Date: 08/03/2012
Comments: Final document received.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/01/2013
Comments: Monthly Progress Report for Sept 2013

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 02/28/2013
Comments: Report received via email.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/02/2013
Comments: Document received.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/01/2013
Comments: Document received via email on April 1 2013.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 02/04/2013
Comments: Document Received via email.

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Removal Action Workplan
Future Due Date: 2015
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Removal Action Completion Report
Future Due Date: 2016
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Public Notice
Future Due Date: 2014
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Site Characterization Report
Future Due Date: 2014
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported

PRECISION OPTICAL (Continued) **1000172323**

Future Document Type:	Fact Sheets
Future Due Date:	2015
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	CEQA - Responsible Agency Review
Future Due Date:	2014
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

S94 **MAURER MARINE INC.** **Cortese** **S111239385**
NNW **873 WEST 17TH STREET** **RESPONSE** **N/A**
1/4-1/2 **COSTA MESA, CA 92627** **ENVIROSTOR**
0.402 mi.
2123 ft. **Site 2 of 2 in cluster S**

Relative:
Higher

Actual:
107 ft.

CORTESE:

Region:	CORTESE
Envirostor Id:	60001549
Site/Facility Type:	STATE RESPONSE
Cleanup Status:	ACTIVE
Status Date:	08/04/2011
Site Code:	401578
Latitude:	33.635591
Longitude:	-117.93501
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	export
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported

RESPONSE:

Facility ID:	60001549
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:	Maryam Tasnif-Abbasi
Supervisor:	Emad Yemut
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	401578
Site Mgmt. Req.:	NONE SPECIFIED
Assembly:	74
Senate:	37
Special Program Status:	Not reported
Status:	Active
Status Date:	08/04/2011

MAURER MARINE INC. (Continued) **S111239385**

Restricted Use:	NO
Funding:	Responsible Party
Latitude:	33.63559
Longitude:	-117.9350
APN:	NONE SPECIFIED
Past Use:	UNKNOWN
Potential COC :	Tetrachloroethylene (PCE
Confirmed COC:	Tetrachloroethylene (PCE
Potential Description:	IA, OTH, SOIL, SV
Alias Name:	401578
Alias Type:	Project Code (Site Code)
Alias Name:	60001549
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Consent Order
Completed Date:	08/04/2011
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	01/08/2013
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	02/25/2013
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	02/25/2013
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	02/25/2013
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	02/25/2013
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	02/25/2013
Comments:	Not reported
Completed Area Name:	PROJECT WIDE

MAURER MARINE INC. (Continued) **S111239385**

Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 03/13/2013
Comments: Approved WP

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/16/2013
Comments: Monthly Report received.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/16/2013
Comments: Monthly Report for 2/13 received

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/16/2013
Comments: Monthly report for 3/2013

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/16/2013
Comments: monthly report for 4/2013

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/16/2013
Comments: monthly report for 5/2013

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/16/2013
Comments: monthly report for 6/2013

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/16/2013
Comments: monthly report for 7/2013

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/16/2013
Comments: monthly report for 8/2013

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 02/16/2012

MAURER MARINE INC. (Continued) **S111239385**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 08/25/2012
Comments: further sampling will be conducted as an extension of the approved work plan

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/09/2012
Comments: Acknowledeged receipt of Monthyy Progress Report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/09/2012
Comments: Acknowledged receipt of monthly progress report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/09/2012
Comments: Acknowledged receipt of monthly report via e-mail.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/09/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/03/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/04/2012
Comments: No report is required since no activities took place this month.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/04/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/04/2012
Comments: Not reported

MAURER MARINE INC. (Continued) **S111239385**

Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	Removal Action Workplan
Future Due Date:	2014
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	Removal Action Completion Report
Future Due Date:	2014
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	Certification
Future Due Date:	2014
Schedule Area Name:	PROJECT WIDE
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Public Notice
Schedule Due Date:	11/20/2013
Schedule Revised Date:	Not reported
Schedule Area Name:	PROJECT WIDE
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Fact Sheets
Schedule Due Date:	01/21/2014
Schedule Revised Date:	Not reported
Schedule Area Name:	PROJECT WIDE
Schedule Sub Area Name:	Not reported
Schedule Document Type:	CEQA - Notice of Exemption
Schedule Due Date:	12/18/2013
Schedule Revised Date:	Not reported

ENVIROSTOR:

Site Type:	State Response
Site Type Detailed:	State Response or NPL
Acres:	0.5
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Maryam Tasnif-Abbasi
Supervisor:	Emad Yemut
Division Branch:	Southern California Schools & Brownfields Outreach
Facility ID:	60001549
Site Code:	401578
Assembly:	74
Senate:	37
Special Program:	Not reported
Status:	Active
Status Date:	08/04/2011
Restricted Use:	NO
Site Mgmt. Req.:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	33.63559
Longitude:	-117.9350
APN:	NONE SPECIFIED
Past Use:	UNKNOWN
Potential COC:	Tetrachloroethylene (PCE
Confirmed COC:	Tetrachloroethylene (PCE, Tetrachloroethylene (PCE
Potential Description:	IA, OTH, SOIL, SV
Alias Name:	401578
Alias Type:	Project Code (Site Code)

MAURER MARINE INC. (Continued) **S111239385**

Alias Name: 60001549
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Order
Completed Date: 08/04/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/08/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/25/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/25/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/25/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/25/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/25/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 03/13/2013
Comments: Approved WP

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/16/2013
Comments: Monthly Report received.

MAURER MARINE INC. (Continued) **S111239385**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/16/2013
Comments: Monthly Report for 2/13 received

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/16/2013
Comments: Monthly report for 3/2013

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/16/2013
Comments: monthly report for 4/2013

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/16/2013
Comments: monthly report for 5/2013

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/16/2013
Comments: monthly report for 6/2013

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/16/2013
Comments: monthly report for 7/2013

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/16/2013
Comments: monthly report for 8/2013

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 02/16/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 08/25/2012
Comments: further sampling will be conducted as an extension of the approved work plan

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

MAURER MARINE INC. (Continued) **S111239385**

Completed Document Type: Other Report
Completed Date: 01/09/2012
Comments: Acknowledeged receipt of Monthyy Progress Report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/09/2012
Comments: Acknowledged receipt of monthly progress report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/09/2012
Comments: Acknowledged receipt of monthly report via e-mail.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/09/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/03/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/04/2012
Comments: No report is required since no activities took place this month.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/04/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/04/2012
Comments: Not reported

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Removal Action Workplan
Future Due Date: 2014
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Removal Action Completion Report
Future Due Date: 2014
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Certification

Map ID
Direction
Distance
Elevation | Site | MAP FINDINGS | Database(s) | EDR ID Number EPA ID Number

MAURER MARINE INC. (Continued) **S111239385**

Future Due Date:	2014
Schedule Area Name:	PROJECT WIDE
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Public Notice
Schedule Due Date:	11/20/2013
Schedule Revised Date:	Not reported
Schedule Area Name:	PROJECT WIDE
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Fact Sheets
Schedule Due Date:	01/21/2014
Schedule Revised Date:	Not reported
Schedule Area Name:	PROJECT WIDE
Schedule Sub Area Name:	Not reported
Schedule Document Type:	CEQA - Notice of Exemption
Schedule Due Date:	12/18/2013
Schedule Revised Date:	Not reported

95
NW
1/4-1/2
0.409 mi.
2159 ft.

SOUTHERN CALIFORNIA EDISON LAFAYETTE SUBSTATION
1680 MONROVIA AVENUE
COSTA MESA, CA 92627

Cortese **S109431811**
RESPONSE **N/A**
ENVIROSTOR

Relative:
Higher

Actual:
109 ft.

CORTESE:

Region:	CORTESE
Envirostor Id:	60001509
Site/Facility Type:	STATE RESPONSE
Cleanup Status:	ACTIVE
Status Date:	01/05/2012
Site Code:	401558
Latitude:	33.635403
Longitude:	-117.93619
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	export
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported

RESPONSE:

Facility ID:	60001509
Site Type:	State Response
Site Type Detail:	State Response or NPL
Acres:	1.5
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Maryam Tasnif-Abbasi
Supervisor:	Emad Yemut
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	401558
Site Mgmt. Req.:	NONE SPECIFIED

SOUTHERN CALIFORNIA EDISON LAFAYETTE SUBSTATION (Continued) **S109431811**

Assembly: 74
Senate: 37
Special Program Status: Not reported
Status: Active
Status Date: 01/05/2012
Restricted Use: NO
Funding: Responsible Party
Latitude: 33.63540
Longitude: -117.9361
APN: NONE SPECIFIED
Past Use: UNKNOWN
Potential COC : Tetrachloroethylene (PCE
Confirmed COC: Tetrachloroethylene (PCE
Potential Description: OTH, SOIL, SV
Alias Name: Annika Project
Alias Type: Alternate Name
Alias Name: 401558
Alias Type: Project Code (Site Code)
Alias Name: 60001509
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Annika Project
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 07/11/2011
Comments: Not reported

Completed Area Name: Annika Project
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 09/15/2011
Comments: Accepted as final; data will be used to design next phase of investigation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Order
Completed Date: 01/05/2012
Comments: Consent Order for the SCE Lafayette Secondary Use Area was fully executed.

Completed Area Name: Annika Project
Completed Sub Area Name: Not reported
Completed Document Type: Reimbursement Agreement
Completed Date: 06/30/2011
Comments: Agreement fully executed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 03/29/2013
Comments: Not reported

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Removal Action Workplan
Future Due Date: 2014

SOUTHERN CALIFORNIA EDISON LAFAYETTE SUBSTATION (Continued) **S109431811**

Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	Remedial Action Completion Report
Future Due Date:	2015
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	Public Notice
Future Due Date:	2014
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	Fact Sheets
Future Due Date:	2014
Future Area Name:	Annika Project
Future Sub Area Name:	Not reported
Future Document Type:	Site Characterization Report
Future Due Date:	2015
Future Area Name:	Annika Project
Future Sub Area Name:	Not reported
Future Document Type:	CEQA - Notice of Exemption
Future Due Date:	2014
Schedule Area Name:	PROJECT WIDE
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Remedial Investigation Report
Schedule Due Date:	04/12/2014
Schedule Revised Date:	Not reported

ENVIROSTOR:

Site Type:	State Response
Site Type Detailed:	State Response or NPL
Acres:	1.5
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Maryam Tasnif-Abbasi
Supervisor:	Emad Yemut
Division Branch:	Southern California Schools & Brownfields Outreach
Facility ID:	60001509
Site Code:	401558
Assembly:	74
Senate:	37
Special Program:	Not reported
Status:	Active
Status Date:	01/05/2012
Restricted Use:	NO
Site Mgmt. Req.:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	33.63540
Longitude:	-117.9361
APN:	NONE SPECIFIED
Past Use:	UNKNOWN
Potential COC:	Tetrachloroethylene (PCE
Confirmed COC:	Tetrachloroethylene (PCE, Tetrachloroethylene (PCE
Potential Description:	OTH, SOIL, SV
Alias Name:	Annika Project
Alias Type:	Alternate Name
Alias Name:	401558
Alias Type:	Project Code (Site Code)

SOUTHERN CALIFORNIA EDISON LAFAYETTE SUBSTATION (Continued) **S109431811**

Alias Name: 60001509
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Annika Project
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 07/11/2011
Comments: Not reported

Completed Area Name: Annika Project
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 09/15/2011
Comments: Accepted as final; data will be used to design next phase of investigation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Order
Completed Date: 01/05/2012
Comments: Consent Order for the SCE Lafayette Secondary Use Area was fully executed.

Completed Area Name: Annika Project
Completed Sub Area Name: Not reported
Completed Document Type: Reimbursement Agreement
Completed Date: 06/30/2011
Comments: Agreement fully executed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 03/29/2013
Comments: Not reported

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Removal Action Workplan
Future Due Date: 2014
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Remedial Action Completion Report
Future Due Date: 2015
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Public Notice
Future Due Date: 2014
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Fact Sheets
Future Due Date: 2014
Future Area Name: Annika Project
Future Sub Area Name: Not reported
Future Document Type: Site Characterization Report
Future Due Date: 2015
Future Area Name: Annika Project
Future Sub Area Name: Not reported

Map ID
Direction
Distance
Elevation | Site | MAP FINDINGS | Database(s) | EDR ID Number EPA ID Number

SOUTHERN CALIFORNIA EDISON LAFAYETTE SUBSTATION (Continued) **S109431811**

Future Document Type:	CEQA - Notice of Exemption
Future Due Date:	2014
Schedule Area Name:	PROJECT WIDE
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Remedial Investigation Report
Schedule Due Date:	04/12/2014
Schedule Revised Date:	Not reported

96
NNE
1/4-1/2
0.412 mi.
2174 ft.

ENTIN METALS NO. 2 **WMUDS/SWAT** **S103442624**
1701 POMONA **N/A**
COSTA MESA, CA

Relative:
Lower

Actual:
81 ft.

WMUDS/SWAT:

Edit Date:	Not reported
Complexity:	Not reported
Primary Waste:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Base Meridian:	Not reported
NPID:	Not reported
Tonnage:	0
Regional Board ID:	Not reported
Municipal Solid Waste:	False
Superorder:	False
Open To Public:	False
Waste List:	False
Agency Type:	Not reported
Agency Name:	Not reported
Agency Department:	Not reported
Agency Address:	Not reported
Agency City,St,Zip:	Not reported
Agency Contact:	Not reported
Agency Telephone:	Not reported
Land Owner Name:	Not reported
Land Owner Address:	Not reported
Land Owner City,St,Zip:	CA
Land Owner Contact:	Not reported
Land Owner Phone:	Not reported
Region:	8
Facility Type:	Not reported
Facility Description:	Not reported
Facility Telephone:	Not reported
SWAT Facility Name:	Not reported
Primary SIC:	Not reported
Secondary SIC:	Not reported
Comments:	Not reported
Last Facility Editors:	Not reported
Waste Discharge System:	False
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:	Not reported
Threat to Water Quality:	Not reported
Sub Chapter 15:	False

ENTIN METALS NO. 2 (Continued) **S103442624**

Regional Board Project Officer:	MA
Number of WMUDS at Facility:	1
Section Range:	Not reported
RCRA Facility:	Not reported
Waste Discharge Requirements:	Not reported
Self-Monitoring Rept. Frequency:	Not reported
Waste Discharge System ID:	8 300057NUR
Solid Waste Information ID:	Not reported

T97 **RGA LUST** **S114235743**
NE **671 WEST 17TH STREET** **N/A**
1/4-1/2 **COSTA MESA, CA**
0.453 mi.
2394 ft. **Site 1 of 4 in cluster T**

Relative:
Lower

RGA LUST:

1992	J.C. CARTER CO., INC.	671 WEST 17TH STREET

Actual:
84 ft.

T98 **ARGO TECH CORP COSTA MESA** **NPDES** **U001576814**
NE **671 W 17TH ST** **LUST** **N/A**
1/4-1/2 **COSTA MESA, CA 92627** **HIST UST**
0.453 mi. **EMI**
2394 ft. **Site 2 of 4 in cluster T** **RGA LUST**
WDS

Relative:
Lower

NPDES:

Npdes Number:	CAS000001
Facility Status:	Active
Agency Id:	0
Region:	8
Regulatory Measure Id:	416391
Order No:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place Id:	Not reported
WDID:	8 30I023202
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	06/22/2011
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Atlas Copco MafiTrench Co LLC
Discharge Address:	3037 Industrial Pkwy
Discharge City:	Santa Maria
Discharge State:	California
Discharge Zip:	93455

Npdes Number:	CAS000001
Facility Status:	Terminated
Agency Id:	0
Region:	8
Regulatory Measure Id:	404594
Order No:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place Id:	Not reported
WDID:	8 30I022696
Program Type:	Industrial

Actual:
84 ft.

ARGO TECH CORP COSTA MESA (Continued) **U001576814**

Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	06/30/2010
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	07/05/2011
Discharge Name:	JC Carter LLC
Discharge Address:	671 W 17th St
Discharge City:	Costa Mesa
Discharge State:	California
Discharge Zip:	92627

LUST:

Region:	STATE
Global Id:	T0605900153
Latitude:	33.6360026
Longitude:	-117.9263553
Case Type:	LUST Cleanup Site
Status:	Open - Eligible for Closure
Status Date:	11/13/2013
Lead Agency:	SANTA ANA RWQCB (REGION 8)
Case Worker:	RS
Local Agency:	Not reported
RB Case Number:	083000202T
LOC Case Number:	86UT025
File Location:	Regional Board
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Trichloroethylene (TCE)
Site History:	The primary chemical contaminant at the site is TCE; however, other compounds were detected at concentrations of concern, including: cis1,2-dichloroethylene (DCE), 1,1-DCE, vinyl chloride, tetrachloroethylene (PCE), 1,2-dichloroethane (DCA), methyl tertiary butyl ether (MtBE) and benzene. Depth-discrete groundwater sampling indicated the likelihood that a region of dense non-aqueous phase liquid (DNAPL) may be present at the base of the shallow water-bearing zone beneath a portion of the west side of the site. This conclusion was based on the large vertical concentration gradient and the maximum concentration of trichloroethylene (TCE) of 71,000 micrograms per liter (a%g/l) at CPT10. The lateral extent of the expected DNAPL was estimated based on the VOC concentrations greater than 10,000 a%g/l in groundwater samples from the lower portion of the shallow water-bearing zone that lies above the fine-grained Monterrey Formation. The removal of expected DNAPL is the primary objective of the CAP proposed by Tetra Tech. DNAPL expected to be present at the base of the shallow water-bearing zone is likely to continue to contribute VOCs to the dissolved phase plume. Tetra Tech proposed to implement in situ chemical oxidation (ISCO) of the DNAPL using permanganate, based on the field test demonstration of the feasibility of this approach. The CAP projects that by remediating the DNAPL and the core of the dissolved phase TCE plume, the contributing source of VOCs in the dissolved phase will be mitigated and the mass of the remaining dissolved phase VOCs will be allowed to attenuate naturally. Monitored natural attenuation is proposed as the corrective action intended to address dissolved phase VOCs outside of the core contaminant area. A soil management plan is to be submitted as part of the approved CAP to remove shallow contamination found in several areas of the site. Soil contamination present in the waste cutting oil tank area will be removed by excavation during redevelopment. Regional Board staff must be

ARGO TECH CORP COSTA MESA (Continued) **U001576814**

notified prior to collecting soil verification samples and waste disposal certificates must be submitted with the soil verification sample laboratory results. Composite samples are not acceptable for in situ verification samples. It is expected that areas of previously undetected soil contamination may be encountered as structures are removed and the site is graded. Upon encountering such areas, Regional Board staff must be notified and soil sampling must be conducted in accordance with the contaminated soil management plan presented to contractors and environmental management personnel prior to development. Vapor exposure to occupants of buildings on the property is to be mitigated with engineered controls and/or land use restrictions. The primary engineered control proposed is a vapor intrusion mitigation system of either a sub-slab passive ventilation system and vapor barrier, or passively or mechanically ventilated parking structures beneath occupied buildings. The proposed land use restrictions will be recorded at the Orange County Recorders office prior to occupancy and will include: 1. notifications to future owners/occupants, 2. restrictions on single family residential land use, 3. notification requirements for soil excavation below three feet, 4. restrictions on activities that may affect the vapor intrusion mitigation system, and 5. restrictions on groundwater use.

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

Contact:

Global Id:	T0605900153
Contact Type:	Regional Board Caseworker
Contact Name:	ROSE SCOTT
Organization Name:	SANTA ANA RWQCB (REGION 8)
Address:	3737 MAIN STREET, SUITE 500
City:	RIVERSIDE
Email:	rscott@waterboards.ca.gov
Phone Number:	9513206375

Status History:

Global Id:	T0605900153
Status:	Open - Case Begin Date
Status Date:	03/27/1987
Global Id:	T0605900153
Status:	Open - Site Assessment
Status Date:	07/05/1988
Global Id:	T0605900153
Status:	Open - Site Assessment
Status Date:	02/28/1990
Global Id:	T0605900153
Status:	Open - Site Assessment
Status Date:	08/09/1996
Global Id:	T0605900153
Status:	Open - Verification Monitoring
Status Date:	09/27/2006
Global Id:	T0605900153
Status:	Open - Site Assessment

ARGO TECH CORP COSTA MESA (Continued) **U001576814**

Status Date: 07/23/2007

Global Id: T0605900153
Status: Open - Site Assessment
Status Date: 12/21/2007

Global Id: T0605900153
Status: Open - Assessment & Interim Remedial Action
Status Date: 10/21/2008

Global Id: T0605900153
Status: Open - Eligible for Closure
Status Date: 11/13/2013

Regulatory Activities:
Global Id: T0605900153
Action Type: ENFORCEMENT
Date: 03/13/2008
Action: Verbal Enforcement

Global Id: T0605900153
Action Type: ENFORCEMENT
Date: 07/08/2010
Action: Verbal Enforcement

Global Id: T0605900153
Action Type: RESPONSE
Date: 08/30/2009
Action: Pilot Study/ Treatability Report

Global Id: T0605900153
Action Type: RESPONSE
Date: 05/02/2008
Action: Soil and Water Investigation Report

Global Id: T0605900153
Action Type: RESPONSE
Date: 04/30/2007
Action: Monitoring Report - Quarterly

Global Id: T0605900153
Action Type: RESPONSE
Date: 07/30/2007
Action: Monitoring Report - Quarterly

Global Id: T0605900153
Action Type: RESPONSE
Date: 10/30/2007
Action: Monitoring Report - Quarterly

Global Id: T0605900153
Action Type: RESPONSE
Date: 05/02/2008
Action: Soil and Water Investigation Report

Global Id: T0605900153
Action Type: ENFORCEMENT

Map ID
Direction
Distance
Elevation | Site | MAP FINDINGS | Database(s) | EDR ID Number
EPA ID Number

ARGO TECH CORP COSTA MESA (Continued) **U001576814**

Date: 07/30/2010
Action: Meeting

Global Id: T0605900153
Action Type: ENFORCEMENT
Date: 07/28/2009
Action: Staff Letter

Global Id: T0605900153
Action Type: ENFORCEMENT
Date: 08/25/2009
Action: Technical Correspondence / Assistance / Other

Global Id: T0605900153
Action Type: ENFORCEMENT
Date: 05/24/2012
Action: Technical Correspondence / Assistance / Other

Global Id: T0605900153
Action Type: RESPONSE
Date: 12/31/2007
Action: Soil and Water Investigation Workplan

Global Id: T0605900153
Action Type: ENFORCEMENT
Date: 10/29/2008
Action: Meeting

Global Id: T0605900153
Action Type: ENFORCEMENT
Date: 10/21/2008
Action: Staff Letter

Global Id: T0605900153
Action Type: Other
Date: 01/01/1950
Action: Leak Stopped

Global Id: T0605900153
Action Type: RESPONSE
Date: 05/27/2008
Action: Soil and Water Investigation Report

Global Id: T0605900153
Action Type: RESPONSE
Date: 01/31/2007
Action: Monitoring Report - Quarterly

Global Id: T0605900153
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

Global Id: T0605900153
Action Type: ENFORCEMENT
Date: 01/01/1990
Action: Clean-up and Abatement Order

ARGO TECH CORP COSTA MESA (Continued) **U001576814**

Global Id: T0605900153
Action Type: ENFORCEMENT
Date: 01/18/2012
Action: Technical Correspondence / Assistance / Other

Global Id: T0605900153
Action Type: RESPONSE
Date: 06/26/2008
Action: CAP/RAP - Feasibility Study Report

Global Id: T0605900153
Action Type: ENFORCEMENT
Date: 12/29/2009
Action: Staff Letter

Global Id: T0605900153
Action Type: ENFORCEMENT
Date: 11/03/2008
Action: Meeting

Global Id: T0605900153
Action Type: ENFORCEMENT
Date: 08/08/2008
Action: Staff Letter

Global Id: T0605900153
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0605900153
Action Type: ENFORCEMENT
Date: 02/23/2010
Action: Meeting

Global Id: T0605900153
Action Type: ENFORCEMENT
Date: 07/23/2007
Action: Meeting

Global Id: T0605900153
Action Type: ENFORCEMENT
Date: 11/16/2010
Action: Meeting

Global Id: T0605900153
Action Type: ENFORCEMENT
Date: 05/07/2009
Action: Meeting

Global Id: T0605900153
Action Type: RESPONSE
Date: 07/30/2007
Action: Preliminary Site Assessment Report

Global Id: T0605900153
Action Type: RESPONSE

ARGO TECH CORP COSTA MESA (Continued) **U001576814**

Date: 10/31/2012
Action: Well Installation Workplan - Regulator Responded

Global Id: T0605900153
Action Type: ENFORCEMENT
Date: 10/09/2012
Action: Verbal Enforcement

Global Id: T0605900153
Action Type: RESPONSE
Date: 03/25/2013
Action: Well Installation Report

Global Id: T0605900153
Action Type: RESPONSE
Date: 03/30/2011
Action: Well Installation Report

Global Id: T0605900153
Action Type: ENFORCEMENT
Date: 08/07/2008
Action: Technical Correspondence / Assistance / Other

Global Id: T0605900153
Action Type: ENFORCEMENT
Date: 08/05/2008
Action: Technical Correspondence / Assistance / Other

Global Id: T0605900153
Action Type: ENFORCEMENT
Date: 02/27/2009
Action: Meeting

Global Id: T0605900153
Action Type: ENFORCEMENT
Date: 10/06/2009
Action: Staff Letter

Global Id: T0605900153
Action Type: RESPONSE
Date: 10/30/2013
Action: Final Remedial Action Report / Corrective Action Report - Regulator Responded

Global Id: T0605900153
Action Type: ENFORCEMENT
Date: 09/21/2006
Action: Verbal Enforcement

HIST UST:
Region: STATE
Facility ID: 00000032649
Facility Type: Other
Other Type: MANUFACTURING
Total Tanks: 0002
Contact Name: Not reported

ARGO TECH CORP COSTA MESA (Continued) **U001576814**

Telephone: 7145483421
Owner Name: J. C. CARTER CO., INC. DIVISIO
Owner Address: 671 W. 17TH STREET
Owner City,St,Zip: COSTA MESA, CA 92626

Tank Num: 001
Container Num: #1
Year Installed: 1976
Tank Capacity: 00002000
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: 3/16 gauge
Leak Detection: None

Tank Num: 002
Container Num: #2
Year Installed: Not reported
Tank Capacity: 00002000
Tank Used for: WASTE
Type of Fuel: 06
Tank Construction: 5.0 inches
Leak Detection: Visual

EMI:
Year: 1990
County Code: 30
Air Basin: SC
Facility ID: 23003
Air District Name: SC
SIC Code: 3724
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: 13
Reactive Organic Gases Tons/Yr: 8
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

Year: 1993
County Code: 30
Air Basin: SC
Facility ID: 23003
Air District Name: SC
SIC Code: 3724
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 4
Reactive Organic Gases Tons/Yr: 4
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

ARGO TECH CORP COSTA MESA (Continued) **U001576814**

Year:	1995
County Code:	30
Air Basin:	SC
Facility ID:	23003
Air District Name:	SC
SIC Code:	3724
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	4
Reactive Organic Gases Tons/Yr:	4
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2002
County Code:	30
Air Basin:	SC
Facility ID:	133161
Air District Name:	SC
SIC Code:	3728
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	4
Reactive Organic Gases Tons/Yr:	4
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	2
SOX - Oxides of Sulphur Tons/Yr:	1
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2003
County Code:	30
Air Basin:	SC
Facility ID:	133161
Air District Name:	SC
SIC Code:	3728
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	4
Reactive Organic Gases Tons/Yr:	4
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	2
SOX - Oxides of Sulphur Tons/Yr:	1
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2004
County Code:	30
Air Basin:	SC
Facility ID:	133161
Air District Name:	SC
SIC Code:	3728

ARGO TECH CORP COSTA MESA (Continued) **U001576814**

Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	4.452995
Reactive Organic Gases Tons/Yr:	4.35
Carbon Monoxide Emissions Tons/Yr:	0.5705
NOX - Oxides of Nitrogen Tons/Yr:	2.345
SOX - Oxides of Sulphur Tons/Yr:	0.603362
Particulate Matter Tons/Yr:	0.08391
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0.09
Year:	2005
County Code:	30
Air Basin:	SC
Facility ID:	133161
Air District Name:	SC
SIC Code:	3728
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:	2.755185
Reactive Organic Gases Tons/Yr:	2.439607383
Carbon Monoxide Emissions Tons/Yr:	.4115
NOX - Oxides of Nitrogen Tons/Yr:	1.761
SOX - Oxides of Sulphur Tons/Yr:	.25026
Particulate Matter Tons/Yr:	.09135
Part. Matter 10 Micrometers & Smllr Tons/Yr:	.0892863
Year:	2006
County Code:	30
Air Basin:	SC
Facility ID:	133161
Air District Name:	SC
SIC Code:	3728
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	5.782310155747892673
Reactive Organic Gases Tons/Yr:	5.481
Carbon Monoxide Emissions Tons/Yr:	.024
NOX - Oxides of Nitrogen Tons/Yr:	.109
SOX - Oxides of Sulphur Tons/Yr:	.012
Particulate Matter Tons/Yr:	.007
Part. Matter 10 Micrometers & Smllr Tons/Yr:	.007
Year:	2007
County Code:	30
Air Basin:	SC
Facility ID:	133161
Air District Name:	SC
SIC Code:	3728
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	5.782310155747892673
Reactive Organic Gases Tons/Yr:	5.481
Carbon Monoxide Emissions Tons/Yr:	.024

ARGO TECH CORP COSTA MESA (Continued) **U001576814**

NOX - Oxides of Nitrogen Tons/Yr: .109
SOX - Oxides of Sulphur Tons/Yr: .012
Particulate Matter Tons/Yr: .007
Part. Matter 10 Micrometers & Smllr Tons/Yr: .007

RGA LUST:

2012	J.C. CARTER CO., INC.	671 W 17TH ST
2011	J.C. CARTER CO., INC.	671 W 17TH ST
2010	J.C. CARTER CO., INC.	671 W 17TH ST
2009	J.C. CARTER CO., INC.	671 W 17TH ST
2008	J.C. CARTER CO., INC.	671 W 17TH ST
2000	J.C. CARTER CO., INC.	671

CA WDS:

Facility ID:	Santa Ana River 30I017465
Facility Type:	Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	8
Facility Telephone:	9497642250
Facility Contact:	SYLVIA MARSON
Agency Name:	ARGO TECH CORP COSTA MESA
Agency Address:	671 W 17TH ST
Agency City,St,Zip:	COSTA MESA 92627
Agency Contact:	SYLVIA MARSON
Agency Telephone:	9497642250
Agency Type:	Private
SIC Code:	0
SIC Code 2:	Not reported
Primary Waste:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0
Baseline Flow:	0
Reclamation:	Not reported
POTW:	Not reported
Treat To Water:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity:	Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

MAP FINDINGS

Map ID / Direction / Distance / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
T99 **NE** **1/4-1/2** **0.453 mi.** **2394 ft.** **Relative:** **Lower** **Actual:** **84 ft.**	**GW CLEANUP-C.M.,17TH ST** **671 W. SEVENTEENTH ST** **COSTA MESA, CA 92673** **Site 3 of 4 in cluster T**	**Cortese** **ENF**	**S111023300** **N/A**

CORTESE:

Region:	CORTESE
Envirostor Id:	Not reported
Site/Facility Type:	Not reported
Cleanup Status:	Not reported
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	CORTESE
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	8
WID Id:	8 302677N01
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported

ENF:

Region:	8
Facility Id:	228212
Agency Name:	Argo Tech Corp
Place Type:	Manufacturing
Place Subtype:	Manufacturing NEC
Facility Type:	Industrial
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	4959
SIC Desc 1:	Sanitary Services, NEC
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported

Map ID
Direction
Distance
Elevation | Site | MAP FINDINGS | Database(s) | EDR ID Number EPA ID Number

GW CLEANUP-C.M.,17TH ST (Continued) **S111023300**

Facility Waste Type 4:	Not reported
Program:	UST
Program Category1:	TANKS
Program Category2:	TANKS
# Of Programs:	1
WDID:	8 302677N01
Reg Measure Id:	158770
Reg Measure Type:	Unregulated
Region:	8
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/20/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	223610
Region:	8
Order / Resolution Number:	90-126
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	10/03/1990
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Active
Title:	Enforcement - 8 302677N01
Description:	GW CLEANUP
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

MAP FINDINGS

Map ID / Direction / Distance / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
T100	**J.C. CARTER CO., INC**	**HIST CORTESE**	**S101299482**
NE	**671**	**LUST**	**N/A**
1/4-1/2	**COSTA MESA, CA 92627**	**RGA LUST**	
0.453 mi.			
2394 ft.	**Site 4 of 4 in cluster T**		

Relative:
Lower

Actual:
84 ft.

CORTESE:

Region:	CORTESE
Facility County Code:	30
Reg By:	LTNKA
Reg Id:	083000202T

LUST REG 8:

Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Pollution Characterization
Case Number:	083000202T
Local Case Num:	86UT025
Case Type:	Other ground water affected
Substance:	TCE
Qty Leaked:	Not reported
Abate Method:	Remove Free Product - remove floating product from water table
Cross Street:	POMONA
Enf Type:	111
Funding:	State Funds
How Discovered:	Tank Closure
How Stopped:	Not reported
Leak Cause:	Corrosion
Leak Source:	Tank
Global ID:	T0605900153
How Stopped Date:	7/5/1988
Enter Date:	5/21/1987
Date Confirmation of Leak Began:	7/5/1988
Date Preliminary Assessment Began:	2/28/1990
Discover Date:	7/5/1988
Enforcement Date:	1/1/1965
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	8/9/1996
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	5/21/1987
GW Qualifies:	=
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Yes
Oversite Program:	LUST
Latitude:	33.6360026
Longitude:	-117.9263553
MTBE Date:	10/12/1999
Max MTBE GW:	1.7
MTBE Concentration:	1
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected
MTBE Class:	D

J.C. CARTER CO., INC (Continued) **S101299482**

Staff: RS
Staff Initials: AR
Lead Agency: Regional Board
Local Agency: 30000L
Hydr Basin #: COASTAL PLAIN OF ORA
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Summary: TCE, PCE, DCE, DCA, ETC. 9/90 CAO DRAFTED FOR THIS SITE. APPROVED WORK PALN ON 8/9/96 FOR FURTHER CHARACTERIZATION.

RGA LUST:

2007	J.C. CARTER CO., INC.	671 17TH ST
2006	J.C. CARTER CO., INC.	671 17TH ST
2005	J.C. CARTER CO., INC.	671 17TH ST
2003	J.C. CARTER CO., INC.	671 17TH ST
2001	J.C. CARTER CO., INC.	671 17TH ST

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101 WNW 1/2-1 0.592 mi. 3128 ft.

Relative: Higher

Actual: 107 ft.

AMETEK AEROSPACE, INC.
1644 WHITTIER AVENUE
COSTA MESA, CA 92627

RCRA-SQG 1000417275
FINDS CAD008237109
NPDES
EMI
ENVIROSTOR
WDS

RCRA-SQG:
Date form received by agency: 02/27/2002
Facility name: AMETEK AEROSPACE, INC.
Facility address: 1644 WHITTIER AVENUE
COSTA MESA, CA 92627
EPA ID: CAD008237109
Mailing address: 1644 SHITTIER AVENUE
COSTA MESA, CA 92827
Contact: KATHLEEN D NAIMAN
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: (949) 642-2400
Telephone ext.: 227
Contact email: Not reported
EPA Region: 09
Land type: Private
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: AMETECK, INC
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private

AMETEK AEROSPACE, INC. (Continued) **1000417275**

Owner/Operator Type: Owner
Owner/Op start date: 05/01/1999
Owner/Op end date: Not reported

Owner/operator name: YULILY LIEB
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 09/27/1999
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: 02/27/2002
Facility name: AMETEK AEROSPACE, INC.
Classification: Large Quantity Generator

Date form received by agency: 05/07/1999
Facility name: AMETEK AEROSPACE, INC.
Site name: AMETEK AEROSPACE
Classification: Large Quantity Generator

Date form received by agency: 03/16/1999
Facility name: AMETEK AEROSPACE, INC.
Site name: GULTON-STATHAM TRANSDUCERS, INC.
Classification: Large Quantity Generator

Date form received by agency: 09/01/1996
Facility name: AMETEK AEROSPACE, INC.
Site name: AMETEK AEROSPACE
Classification: Small Quantity Generator

Date form received by agency: 01/26/1996
Facility name: AMETEK AEROSPACE, INC.
Site name: GULTON-STATHAM TRANSDUCERS, INC.
Classification: Large Quantity Generator

AMETEK AEROSPACE, INC. (Continued) **1000417275**

Date form received by agency: 03/18/1994
Facility name: AMETEK AEROSPACE, INC.
Site name: GULTON-STATHAM TRANSDUCERS, INC
Classification: Large Quantity Generator

Date form received by agency: 01/21/1992
Facility name: AMETEK AEROSPACE, INC.
Site name: GULTON SERVONIC DIV.
Classification: Large Quantity Generator

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 06/21/2004
Date achieved compliance: 06/23/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/21/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 06/22/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: Local

Evaluation date: 06/23/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 06/21/2004
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 06/23/2005
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 11/16/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

FINDS:

Registry ID: 110009528252

Environmental Interest/Information System
US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that

AMETEK AEROSPACE, INC. (Continued) **1000417275**

these facilities release directly to air, water, land, or that are transported off-site.

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS WASTE BIENNIAL REPORTER

PCS (Permit Compliance System) is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

NPDES:

Npdes Number:	CAS000001
Facility Status:	Active
Agency Id:	0
Region:	8
Regulatory Measure Id:	208966
Order No:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place Id:	Not reported
WDID:	8 30I015174
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	06/01/1999
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Ametek Aerospace
Discharge Address:	1644 Whittier Ave
Discharge City:	Costa Mesa
Discharge State:	California
Discharge Zip:	92627

EMI:

Year:	1990
County Code:	30

Map ID
Direction
Distance
Elevation | Site | MAP FINDINGS | Database(s) | EDR ID Number EPA ID Number

AMETEK AEROSPACE, INC. (Continued) **1000417275**

Air Basin:	SC
Facility ID:	46450
Air District Name:	SC
SIC Code:	3829
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

ENVIROSTOR:

Site Type:	Tiered Permit
Site Type Detailed:	Tiered Permit
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Not reported
Division Branch:	Cleanup Cypress
Facility ID:	71002151
Site Code:	Not reported
Assembly:	74
Senate:	37
Special Program:	Not reported
Status:	Inactive - Needs Evaluation
Status Date:	Not reported
Restricted Use:	NO
Site Mgmt. Req.:	NONE SPECIFIED
Funding:	Not reported
Latitude:	33.63378
Longitude:	-117.9394
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED, NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CAD008237109
Alias Type:	EPA Identification Number
Alias Name:	110009528252
Alias Type:	EPA (FRS #)
Alias Name:	71002151
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	Not reported
Completed Sub Area Name:	Not reported
Completed Document Type:	Not reported
Completed Date:	Not reported
Comments:	Not reported
Future Area Name:	Not reported

AMETEK AEROSPACE, INC. (Continued) **1000417275**

Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

CA WDS:
Facility ID: Santa Ana River 30I015174
Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion: 8
Facility Telephone: Not reported
Facility Contact: Not reported
Agency Name: AMETEK AEROSPACE
Agency Address: 1644 WHITTER AVENUE
Agency City,St,Zip: COSTA MESA 92627
Agency Contact: SYRUS TAJBASH
Agency Telephone: 9496422400
Agency Type: Private
SIC Code: 0
SIC Code 2: Not reported
Primary Waste: Not reported
Primary Waste Type: Not reported
Secondary Waste: Not reported
Secondary Waste Type: Not reported
Design Flow: 0
Baseline Flow: 0
Reclamation: Not reported
POTW: Not reported
Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

MAP FINDINGS

Map ID / Direction / Distance / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
102	**RAILMAKERS, INC.**	**NPDES**	**S108217749**
NNW	**864 W. 18TH STREET**	**ENVIROSTOR**	**N/A**
1/2-1	**COSTA MESA, CA 92627**		
0.624 mi.			
3295 ft.			

Relative:
Higher

Actual:
105 ft.

NPDES:

Npdes Number:	CAS000001
Facility Status:	Active
Agency Id:	0
Region:	8
Regulatory Measure Id:	208685
Order No:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place Id:	Not reported
WDID:	8 30I009571
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	12/15/1992
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	David C Hawley
Discharge Address:	864 W 18th St
Discharge City:	Costa Mesa
Discharge State:	California
Discharge Zip:	92627

ENVIROSTOR:

Site Type:	Tiered Permit
Site Type Detailed:	Tiered Permit
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Not reported
Division Branch:	Cleanup Cypress
Facility ID:	71002851
Site Code:	Not reported
Assembly:	74
Senate:	37
Special Program:	Not reported
Status:	Inactive - Needs Evaluation
Status Date:	Not reported
Restricted Use:	NO
Site Mgmt. Req.:	NONE SPECIFIED
Funding:	Not reported
Latitude:	33.64039
Longitude:	-117.9347
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED, NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CAD981449721
Alias Type:	EPA Identification Number
Alias Name:	71002851
Alias Type:	Envirostor ID Number

RAILMAKERS, INC. (Continued) **S108217749**

Completed Info:

Completed Area Name:	Not reported
Completed Sub Area Name:	Not reported
Completed Document Type:	Not reported
Completed Date:	Not reported
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

103
NE
1/2-1
0.720 mi.
3802 ft.

DRY CLEAN 4 LESS
1704 NEWPORT BLVD
COSTA MESA, CA 92627

RCRA-SQG **1000107776**
FINDS **CAD981696156**
Orange Co. Industrial Site
HAZNET
ENVIROSTOR

Relative:
Lower

Actual:
95 ft.

RCRA-SQG:

Date form received by agency:	09/01/1996
Facility name:	DRY CLEAN 4 LESS
Facility address:	1704 NEWPORT BLVD COSTA MESA, CA 92627
EPA ID:	CAD981696156
Mailing address:	NEWPORT BLVD COSTA MESA, CA 92627
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

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

DRY CLEAN 4 LESS (Continued) **1000107776**

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

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

Violation Status: No violations found

FINDS:

Registry ID: 110002756045

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Orange Co. Industrial Site:
Case ID: 00IC012
Region: ORANGE
Record ID: RO0000005
Current Status: CLOSED 9/5/2000
Closure Type: Closure certification issued
Released Chemical: PERCHLOROETHYLENE

HAZNET:
Year: 2000
Gepaid: CAD981696156
Contact: ALAN G KELLY
Telephone: 7146316672
Mailing Name: Not reported
Mailing Address: 1704 NEWPORT BLVD

DRY CLEAN 4 LESS (Continued) **1000107776**

Mailing City,St,Zip: COSTA MESA, CA 926273010
Gen County: Not reported
TSD EPA ID: CAT000613976
TSD County: Not reported
Waste Category: Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: Transfer Station
Tons: 0.15
Facility County: Orange

Year: 1999
Gepaid: CAD981696156
Contact: ALAN G KELLEY
Telephone: 7146316672
Mailing Name: Not reported
Mailing Address: 1704 NEWPORT BLVD
Mailing City,St,Zip: COSTA MESA, CA 926273010
Gen County: Not reported
TSD EPA ID: CAT000613976
TSD County: Not reported
Waste Category: Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: Transfer Station
Tons: 1.6260
Facility County: Orange

Year: 1998
Gepaid: CAD981696156
Contact: ALAN G KELLEY
Telephone: 7146316672
Mailing Name: Not reported
Mailing Address: 1704 NEWPORT BLVD
Mailing City,St,Zip: COSTA MESA, CA 926273010
Gen County: Not reported
TSD EPA ID: CAT000613976
TSD County: Not reported
Waste Category: Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: Transfer Station
Tons: 1.3520
Facility County: Orange

Year: 1997
Gepaid: CAD981696156
Contact: ALAN G KELLEY
Telephone: 7146316672
Mailing Name: Not reported
Mailing Address: 1704 NEWPORT BLVD
Mailing City,St,Zip: COSTA MESA, CA 926273010
Gen County: Not reported
TSD EPA ID: CAT000613976
TSD County: Not reported
Waste Category: Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: Transfer Station
Tons: .6580
Facility County: Orange

Year: 1996
Gepaid: CAD981696156
Contact: ALAN G KELLEY

DRY CLEAN 4 LESS (Continued) **1000107776**

Telephone: 7146316672
Mailing Name: Not reported
Mailing Address: 1704 NEWPORT BLVD
Mailing City,St,Zip: COSTA MESA, CA 926273010
Gen County: Not reported
TSD EPA ID: CAT000613976
TSD County: Not reported
Waste Category: Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: Transfer Station
Tons: .5875
Facility County: Orange

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

ENVIROSTOR:
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 0
NPL: NO
Regulatory Agencies: ORANGE COUNTY
Lead Agency: ORANGE COUNTY
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Cleanup Cypress
Facility ID: 30720021
Site Code: Not reported
Assembly: 74
Senate: 37
Special Program: Not reported
Status: Refer: 1248 Local Agency
Status Date: 06/01/2000
Restricted Use: NO
Site Mgmt. Req.: NONE SPECIFIED
Funding: Not Applicable
Latitude: 33.63759
Longitude: -117.9215
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED, NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 30720021
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: SB 1248 Notification
Completed Date: 06/01/2000
Comments: DTSC is not involved with this project.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported

Map ID
Direction
Distance
Elevation | Site | MAP FINDINGS | Database(s) | EDR ID Number EPA ID Number

DRY CLEAN 4 LESS (Continued) **1000107776**

Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

104
NW
1/2-1
0.794 mi.
4194 ft.

CALIFORNIA EXPLORATION COMPANY
18TH & WHITTIER AVENUE
COSTA MESA, CA 92627

HIST CORTESE **S101481432**
ENVIROSTOR **N/A**

Relative:
Lower

Actual:
103 ft.

CORTESE:
Region: CORTESE
Facility County Code: 30
Reg By: CALSI
Reg Id: 30290011

ENVIROSTOR:
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: * Mmonroy
Division Branch: Cleanup Cypress
Facility ID: 30290011
Site Code: Not reported
Assembly: 74
Senate: 37
Special Program: * Site Char & Assess Grant (CERCLA 104)
Status: Refer: RWQCB
Status Date: 11/07/1994
Restricted Use: NO
Site Mgmt. Req.: NONE SPECIFIED
Funding: Not reported
Latitude: 33.63972
Longitude: -117.9405
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: * OIL/WATER SEPARATION SLUDGE, * TANK BOTTOM WASTES, * UNSPECIFIED AQUEOUS SOLUTION
Confirmed COC: * OIL/WATER SEPARATION SLUDGE, * TANK BOTTOM WASTES, * UNSPECIFIED AQUEOUS SOLUTION, NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: AMAX OIL
Alias Type: Alternate Name
Alias Name: AMEX OIL
Alias Type: Alternate Name
Alias Name: BARTO OIL
Alias Type: Alternate Name
Alias Name: MOBIL OIL
Alias Type: Alternate Name
Alias Name: TRIGOOD OIL
Alias Type: Alternate Name
Alias Name: 30290011

CALIFORNIA EXPLORATION COMPANY (Continued) **S101481432**

Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 11/07/1994
Comments: DATABASE VALIDATION PROGRAM CONFIRMS NFA FOR DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 06/03/1987
Comments: SITE SCREENING DONE

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 08/01/1981
Comments: FACILITY IDENTIFIED PHONE BOOK AMAX PETRO. WAS THERE IN 1963. TRIGOOD OIL WAS THERE IN 1961. BUSINESS YRS. INCLUDE 1949 TO 1971. AMAX IN 1966 PHONE BOOK.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

105
SSW
1/2-1
0.823 mi.
4343 ft.

SOUTH BASIN OIL COMPANY
204/206 43RD STREET
NEWPORT BEACH, CA 92663

ENVIROSTOR **1000404993**
N/A

Relative:
Lower

Actual:
10 ft.

ENVIROSTOR:
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: * Mmonroy
Division Branch: Cleanup Cypress
Facility ID: 30130024
Site Code: Not reported
Assembly: 74
Senate: 37
Special Program: * CERC2
Status: Refer: Other Agency
Status Date: 05/23/1988
Restricted Use: NO
Site Mgmt. Req.: NONE SPECIFIED

SOUTH BASIN OIL COMPANY (Continued) **1000404993**

Funding: Not reported
Latitude: 33.62
Longitude: -117.9372
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: * HYDROCARBON SOLVENTS, * UNSPECIFIED OIL CONTAINING WASTE, * WASTE OIL & MIXED OIL
Confirmed COC: * HYDROCARBON SOLVENTS, * UNSPECIFIED OIL CONTAINING WASTE, * WASTE OIL & MIXED OIL, NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: ORANGE CO REFINING COMPANY
Alias Type: Alternate Name
Alias Name: CAD982359408
Alias Type: EPA Identification Number
Alias Name: 30130024
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 10/28/1994
Comments: SITE SCREENING/FILE REVIEW DETERMINE NFA FOR DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 05/23/1988
Comments: PRELIM ASSESS DONE NFA; WELL HAS BEEN PROPERLY ABANDONED IN ACCORDANCE WITH DOG POLICIES.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

106
SSW
1/2-1
0.838 mi.
4426 ft.

ORANGE COUNTY REFINING CO. WELL #3 **HIST CORTESE** **S101481404**
213 42ND ST. **ENVIROSTOR** **N/A**
NEWPORT BEACH, CA 92660

Relative:
Lower

Actual:
9 ft.

CORTESE:
Region: CORTESE
Facility County Code: 30
Reg By: CALSI
Reg Id: 30130028

ENVIROSTOR:
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 0
NPL: NO

Map ID
Direction
Distance
Elevation | Site | MAP FINDINGS | Database(s) | EDR ID Number EPA ID Number

ORANGE COUNTY REFINING CO. WELL #3 (Continued) **S101481404**

Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Manny Alonzo
Division Branch: Cleanup Cypress
Facility ID: 30130028
Site Code: Not reported
Assembly: 74
Senate: 37
Special Program: EPA - PASI
Status: Refer: Local Agency
Status Date: 01/11/2011
Restricted Use: NO
Site Mgmt. Req.: NONE SPECIFIED
Funding: Not reported
Latitude: 33.62019
Longitude: -117.9367
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: * UNSPECIFIED OIL CONTAINING WASTE
Confirmed COC: * UNSPECIFIED OIL CONTAINING WASTE, NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 30130028
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

107
ENE
1/2-1
0.887 mi.
4683 ft.

NORGE CLEANERS (HILGREN SQUARE) **ENVIROSTOR** **S106893804**
270 EAST 17TH STREET, SUITE 12-B **N/A**
COSTA MESA, CA 92627

Relative:
Lower

Actual:
97 ft.

ENVIROSTOR:
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 0
NPL: NO
Regulatory Agencies: ORANGE COUNTY
Lead Agency: ORANGE COUNTY
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Cleanup Cypress

NORGE CLEANERS (HILGREN SQUARE) (Continued) **S106893804**

Facility ID: 30720022
Site Code: Not reported
Assembly: 74
Senate: 37
Special Program: Not reported
Status: Refer: 1248 Local Agency
Status Date: 08/02/2000
Restricted Use: NO
Site Mgmt. Req.: NONE SPECIFIED
Funding: Not Applicable
Latitude: 33.63376
Longitude: -117.9163
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED, NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 30720022
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: SB 1248 Notification
Completed Date: 08/02/2000
Comments: DTSC is not involved with this project.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

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108 South 1/2-1 0.903 mi. 4770 ft.

LIDO CLEANERS(FORMER) **Orange Co. Industrial Site** **S103654183**
3424 VIA LIDO **DRYCLEANERS** **N/A**
NEWPORT BEACH, CA 92663 **ENVIROSTOR**

Relative: Lower

Actual: 8 ft.

Orange Co. Industrial Site:
Case ID: 07IC017
Region: ORANGE
Record ID: RO0003448
Current Status: CLOSED 11/1/2010
Closure Type: Closure certification issued
Released Chemical: PERCHLOROETHYLENE TRICHLOROETHYLENE ORGANIC COMPOUNDS

DRYCLEANERS:
EPA Id: CAL000269620
NAICS Code: 81232
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)
SIC Code: 7211
SIC Description: Power Laundries, Family and Commercial
Create Date: 04/28/2003

LIDO CLEANERS(FORMER) (Continued) **S103654183**

Facility Active: No
Inactive Date: 06/30/2006
Facility Addr2: Not reported
Owner Name: BYUNG JUN, CHO.
Owner Address: 3424 VIA LIDO
Owner Address 2: Not reported
Owner Telephone: 9496731010
Contact Name: BYUNG JUN CHO.
Contact Address: 3424 VIA LIDO
Contact Address 2: Not reported
Contact Telephone: 9496731010

ENVIROSTOR:
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: Not reported
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Cypress
Facility ID: 60000726
Site Code: Not reported
Assembly: Not reported
Senate: Not reported
Special Program: Not reported
Status: Refer: 1248 Local Agency
Status Date: 08/24/2007
Restricted Use: NO
Site Mgmt. Req.: NONE SPECIFIED
Funding: Not Applicable
Latitude: 0
Longitude: 0
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED, NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 60000726
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported

LIDO CLEANERS(FORMER) (Continued) **S103654183**

Schedule Revised Date: Not reported

109
NNW
1/2-1
0.994 mi.
5247 ft.

LEADERSHIP HOUSING SYSTEMS **WMUDS/SWAT** **1000188478**
19TH & WHITTIER AVE. **ENVIROSTOR** **N/A**
COSTA MESA, CA 92627

Relative:
Lower

Actual:
98 ft.

WMUDS/SWAT:

Edit Date:	Not reported
Complexity:	Not reported
Primary Waste:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Base Meridian:	Not reported
NPID:	Not reported
Tonnage:	0
Regional Board ID:	Not reported
Municipal Solid Waste:	False
Superorder:	False
Open To Public:	False
Waste List:	False
Agency Type:	Not reported
Agency Name:	Not reported
Agency Department:	Not reported
Agency Address:	Not reported
Agency City,St,Zip:	Not reported
Agency Contact:	Not reported
Agency Telephone:	Not reported
Land Owner Name:	Not reported
Land Owner Address:	Not reported
Land Owner City,St,Zip:	CA
Land Owner Contact:	Not reported
Land Owner Phone:	Not reported
Region:	8
Facility Type:	Not reported
Facility Description:	Not reported
Facility Telephone:	Not reported
SWAT Facility Name:	Not reported
Primary SIC:	Not reported
Secondary SIC:	Not reported
Comments:	Not reported
Last Facility Editors:	Not reported
Waste Discharge System:	False
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:	Not reported
Threat to Water Quality:	Not reported
Sub Chapter 15:	False
Regional Board Project Officer:	MA
Number of WMUDS at Facility:	1
Section Range:	Not reported
RCRA Facility:	Not reported
Waste Discharge Requirements:	Not reported
Self-Monitoring Rept. Frequency:	Not reported

LEADERSHIP HOUSING SYSTEMS (Continued) **1000188478**

Waste Discharge System ID: 8 300060NUR
Solid Waste Information ID: Not reported

ENVIROSTOR:
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: * Mmonroy
Division Branch: Cleanup Cypress
Facility ID: 30490014
Site Code: Not reported
Assembly: 74
Senate: 37
Special Program: Not reported
Status: Refer: RWQCB
Status Date: 10/28/1994
Restricted Use: NO
Site Mgmt. Req.: NONE SPECIFIED
Funding: Not reported
Latitude: 33.64333
Longitude: -117.9405
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: * CONTAMINATED SOIL
Confirmed COC: * CONTAMINATED SOIL, NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: NEWPORT CITY DUMP #1(LSI 49)
Alias Type: Alternate Name
Alias Name: NEWPORT TERRACE TOWNHOUSES
Alias Type: Alternate Name
Alias Name: 30490014
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 10/28/1994
Comments: SITE SCREENING/FILE REVIEW DETERMINE NFA FOR DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 02/08/1991
Comments: PA report was reviewed by Region 4 staff. The site is now a condominium development located at the end of 19th Street in the NW corner of Newport Beach, Orange County. The condos were constructed under RWQCB oversight in 1972. The area overwhich the condos were constructed was formerly Newport City Dump #1, a Class II landfill.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening

Map ID
Direction
Distance
Elevation | Site | MAP FINDINGS | Database(s) | EDR ID Number EPA ID Number

LEADERSHIP HOUSING SYSTEMS (Continued) **1000188478**

Completed Date:	04/23/1987
Comments:	SITE SCREENING DONE CERCLA GRANT PA REQ'D.
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

U110 **NEWPORT BEACH FCS** **FUDS** **1009484708**
ESE **N/A**
1/2-1 **NEWPORT BEACH, CA**
0.995 mi.
5256 ft. **Site 1 of 2 in cluster U**

Relative:
Lower

Actual:
88 ft.

FUDS:

Federal Facility ID:	CA9799F5533
FUDS #:	J09CA0512
INST ID:	61134
Facility Name:	NEWPORT BEACH FCS
City:	NEWPORT BEACH
State:	CA
EPA Region:	09
County:	ORANGE
Congressional District:	48
US Army District:	Los Angeles District (SPL)
Fiscal Year:	2011
Telephone:	213-452-3920
NPL Status:	Not Listed
RAB:	Not reported
CTC:	6
Current Owner:	PRIVATE
Current Prog:	Not reported
Future Prog:	Not reported
Description:	THE SITE CONSISTED OF APPROXIMATELY 6 ACRES. THE SITE WAS USED AS A FIRE CONTROL STATION BY THE ARMY FROM 1941 TO 1943. IMPROVEMENTS WERE MADE TO THE SITE AND DISPOSED OF UPON TERMINATION OF LEASE.

U111 **NEWPORT BCH FCS** **ENVIROSTOR** **S107736886**
ESE **N/A**
1/2-1 **NEWPORT BEACH, CA**
0.997 mi.
5263 ft. **Site 2 of 2 in cluster U**

Relative:
Lower

Actual:
88 ft.

ENVIROSTOR:

Site Type:	Military Evaluation
Site Type Detailed:	FUDS
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported

Map ID
Direction
Distance
Elevation | Site | MAP FINDINGS | Database(s) | EDR ID Number EPA ID Number

NEWPORT BCH FCS (Continued) **S107736886**

Supervisor:	Douglas Bautista
Division Branch:	Cleanup Cypress
Facility ID:	80000331
Site Code:	Not reported
Assembly:	74
Senate:	37
Special Program:	Not reported
Status:	Inactive - Needs Evaluation
Status Date:	07/01/2005
Restricted Use:	NO
Site Mgmt. Req.:	NONE SPECIFIED
Funding:	DERA
Latitude:	33.62361
Longitude:	-117.9166
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED, NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CA99799F553300
Alias Type:	Federal Facility ID
Alias Name:	J09CA0512
Alias Type:	INPR
Alias Name:	80000331
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	Not reported
Completed Sub Area Name:	Not reported
Completed Document Type:	Not reported
Completed Date:	Not reported
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

Count: 9 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
COSTA MESA	S114208832		196 16TH STREET, EAST		RGA LUST
COSTA MESA	S114208831		196 16TH ST E		RGA LUST
COSTA MESA	S114212148		2200 HARBOR BLVD N		RGA LUST
COSTA MESA	S114202278		1501 HARBOR BLVD		RGA LUST
COSTA MESA	S113174732	THE HOME DEPOT NO 6664	2300 S HARBOR BLVD	92627	HAZNET
COSTA MESA	S106893789	SW CORNER HAMILTON/HARBOR PROPERTY	209/2093 HARBOR BLVD.	92627	ENVIROSTOR
COSTA MESA	S114205350		1697 PLACENTIA AVE W		RGA LUST
COSTA MESA	S108936087	DUNKEL BROS PROPERTY	1740 SUPERIOR AVE (AT 17TH ST	92627	ENVIROSTOR
NEWPORT BEACH	1003878042	SOUTH BASIN OIL CO WELL #1	204 & 206 43RD ST	92663	CERC-NFRAP

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

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

Date of Government Version: 04/26/2013
Date Data Arrived at EDR: 05/09/2013
Date Made Active in Reports: 07/10/2013
Number of Days to Update: 62

Source: EPA
Telephone: N/A
Last EDR Contact: 01/21/2014
Next Scheduled EDR Contact: 04/21/2014
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 04/26/2013
Date Data Arrived at EDR: 05/09/2013
Date Made Active in Reports: 07/10/2013
Number of Days to Update: 62

Source: EPA
Telephone: N/A
Last EDR Contact: 01/09/2014
Next Scheduled EDR Contact: 04/21/2014
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
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: 04/26/2013
Date Data Arrived at EDR: 05/09/2013
Date Made Active in Reports: 07/10/2013
Number of Days to Update: 62

Source: EPA
Telephone: N/A
Last EDR Contact: 01/09/2014
Next Scheduled EDR Contact: 04/21/2014
Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 04/26/2013
Date Data Arrived at EDR: 05/29/2013
Date Made Active in Reports: 08/09/2013
Number of Days to Update: 72

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 11/11/2013
Next Scheduled EDR Contact: 03/10/2014
Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 05/31/2013
Date Data Arrived at EDR: 07/08/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 151

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 01/10/2014
Next Scheduled EDR Contact: 04/21/2014
Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 04/26/2013
Date Data Arrived at EDR: 05/29/2013
Date Made Active in Reports: 08/09/2013
Number of Days to Update: 72

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 11/11/2013
Next Scheduled EDR Contact: 03/10/2014
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 10/02/2013
Date Made Active in Reports: 12/16/2013
Number of Days to Update: 75

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 01/02/2014
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 10/02/2013
Date Made Active in Reports: 12/16/2013
Number of Days to Update: 75

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 01/02/2014
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 10/02/2013
Date Made Active in Reports: 12/16/2013
Number of Days to Update: 75

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 01/02/2014
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 10/02/2013
Date Made Active in Reports: 12/16/2013
Number of Days to Update: 75

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 01/02/2014
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 10/02/2013
Date Made Active in Reports: 12/16/2013
Number of Days to Update: 75

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 01/02/2014
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 06/17/2013
Date Data Arrived at EDR: 06/21/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 104

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 12/09/2013
Next Scheduled EDR Contact: 03/24/2014
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 06/17/2013
Date Data Arrived at EDR: 06/21/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 104

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 12/09/2013
Next Scheduled EDR Contact: 03/24/2014
Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 08/20/2013
Date Data Arrived at EDR: 08/23/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 70

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 11/18/2013
Next Scheduled EDR Contact: 03/03/2014
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: 09/30/2013
Date Data Arrived at EDR: 10/01/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 66

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 01/10/2014
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Annually

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

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

Date of Government Version: 11/06/2013
Date Data Arrived at EDR: 11/06/2013
Date Made Active in Reports: 12/03/2013
Number of Days to Update: 27

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/06/2013
Next Scheduled EDR Contact: 02/17/2014
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database 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: 11/06/2013
Date Data Arrived at EDR: 11/06/2013
Date Made Active in Reports: 12/03/2013
Number of Days to Update: 27

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/06/2013
Next Scheduled EDR Contact: 02/17/2014
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: 11/18/2013
Date Data Arrived at EDR: 11/21/2013
Date Made Active in Reports: 01/02/2014
Number of Days to Update: 42

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 11/21/2013
Next Scheduled EDR Contact: 03/03/2014
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

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: 12/16/2013
Date Data Arrived at EDR: 12/17/2013
Date Made Active in Reports: 01/04/2014
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 12/17/2013
Next Scheduled EDR Contact: 03/31/2014
Data Release Frequency: Quarterly

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 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 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 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 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 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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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: 10/16/2013
Date Data Arrived at EDR: 10/17/2013
Date Made Active in Reports: 11/27/2013
Number of Days to Update: 41

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/17/2013
Next Scheduled EDR Contact: 03/31/2014
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: Annually

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/06/2013
Date Data Arrived at EDR: 11/07/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 29

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/28/2013
Next Scheduled EDR Contact: 02/11/2014
Data Release Frequency: Quarterly

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/12/2011
Date Data Arrived at EDR: 09/13/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 59

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 10/28/2013
Next Scheduled EDR Contact: 02/11/2014
Data Release Frequency: Varies

INDIAN LUST 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: 08/20/2013
Date Data Arrived at EDR: 08/23/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 70

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 10/28/2013
Next Scheduled EDR Contact: 02/11/2014
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: 02/01/2013
Date Data Arrived at EDR: 05/01/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 184

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/01/2013
Next Scheduled EDR Contact: 02/11/2014
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 08/01/2013
Date Data Arrived at EDR: 08/02/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 91

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 10/28/2013
Next Scheduled EDR Contact: 02/11/2014
Data Release Frequency: Semi-Annually

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 08/27/2013
Date Data Arrived at EDR: 08/27/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 66

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/28/2013
Next Scheduled EDR Contact: 02/11/2014
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/27/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 10/28/2013
Next Scheduled EDR Contact: 02/11/2014
Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 03/01/2013
Date Data Arrived at EDR: 03/01/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 42
Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 10/28/2013
Next Scheduled EDR Contact: 02/11/2014
Data Release Frequency: Quarterly

State and tribal registered storage tank lists

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 12/16/2013
Date Data Arrived at EDR: 12/17/2013
Date Made Active in Reports: 01/07/2014
Number of Days to Update: 21
Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 12/17/2013
Next Scheduled EDR Contact: 03/31/2014
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: 01/03/2014
Next Scheduled EDR Contact: 04/21/2014
Data Release Frequency: Quarterly

INDIAN UST R5: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 08/20/2013
Date Data Arrived at EDR: 08/23/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 70
Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 10/28/2013
Next Scheduled EDR Contact: 02/11/2014
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/10/2011
Date Data Arrived at EDR: 05/11/2011
Date Made Active in Reports: 06/14/2011
Number of Days to Update: 34
Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 10/28/2013
Next Scheduled EDR Contact: 02/11/2014
Data Release Frequency: Semi-Annually

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)

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/01/2013
Date Data Arrived at EDR: 08/02/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 91

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 10/28/2013
Next Scheduled EDR Contact: 02/11/2014
Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 09/28/2012
Date Data Arrived at EDR: 11/07/2012
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 156

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/01/2014
Next Scheduled EDR Contact: 02/11/2014
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 02/05/2013
Date Data Arrived at EDR: 02/06/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 65

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/28/2013
Next Scheduled EDR Contact: 02/11/2014
Data Release Frequency: Quarterly

INDIAN 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: 07/29/2013
Date Data Arrived at EDR: 07/30/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 129

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 10/28/2013
Next Scheduled EDR Contact: 02/11/2014
Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 07/29/2013
Date Data Arrived at EDR: 08/01/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 92

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 10/28/2013
Next Scheduled EDR Contact: 02/11/2014
Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 02/28/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 43

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/28/2013
Next Scheduled EDR Contact: 02/11/2014
Data Release Frequency: Varies

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/13/2014
Next Scheduled EDR Contact: 04/28/2014
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 11/06/2013
Date Data Arrived at EDR: 11/06/2013
Date Made Active in Reports: 12/03/2013
Number of Days to Update: 27

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/06/2013
Next Scheduled EDR Contact: 02/17/2014
Data Release Frequency: Quarterly

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 09/17/2013
Date Data Arrived at EDR: 10/01/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 66

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 01/03/2014
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Varies

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

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: 09/24/2013
Date Data Arrived at EDR: 09/24/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/24/2013
Next Scheduled EDR Contact: 04/07/2014
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137
Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 10/28/2013
Next Scheduled EDR Contact: 02/11/2014
Data Release Frequency: No Update Planned

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

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: 11/08/2013
Next Scheduled EDR Contact: 02/24/2014
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 12/16/2013
Date Data Arrived at EDR: 12/17/2013
Date Made Active in Reports: 01/07/2014
Number of Days to Update: 21
Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/17/2013
Next Scheduled EDR Contact: 03/31/2014
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 11/20/2013
Date Data Arrived at EDR: 11/25/2013
Date Made Active in Reports: 12/31/2013
Number of Days to Update: 36
Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 11/18/2013
Next Scheduled EDR Contact: 03/03/2014
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: 11/04/2013
Next Scheduled EDR Contact: 02/17/2014
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 08/06/2013
Date Data Arrived at EDR: 09/11/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 22

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 12/05/2013
Next Scheduled EDR Contact: 03/17/2014
Data Release Frequency: Quarterly

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 11/06/2013
Date Data Arrived at EDR: 11/06/2013
Date Made Active in Reports: 12/03/2013
Number of Days to Update: 27

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/06/2013
Next Scheduled EDR Contact: 02/17/2014
Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 06/30/2013
Date Data Arrived at EDR: 09/03/2013
Date Made Active in Reports: 10/10/2013
Number of Days to Update: 37

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 01/13/2014
Next Scheduled EDR Contact: 04/28/2014
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 131

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

Local Lists of Registered Storage Tanks

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
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

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: 12/02/2013
Next Scheduled EDR Contact: 03/17/2014
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

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

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/06/2013
Date Data Arrived at EDR: 04/25/2013
Date Made Active in Reports: 05/10/2013
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 11/13/2013
Next Scheduled EDR Contact: 02/11/2014
Data Release Frequency: Varies

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 10/08/2013
Date Data Arrived at EDR: 10/15/2013
Date Made Active in Reports: 11/27/2013
Number of Days to Update: 43

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 12/09/2013
Next Scheduled EDR Contact: 03/24/2014
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: 12/09/2013
Date Data Arrived at EDR: 12/10/2013
Date Made Active in Reports: 01/03/2014
Number of Days to Update: 24

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 12/10/2013
Next Scheduled EDR Contact: 03/24/2014
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: 09/30/2013
Date Data Arrived at EDR: 10/01/2013
Date Made Active in Reports: 12/16/2013
Number of Days to Update: 76

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 01/03/2014
Next Scheduled EDR Contact: 01/13/2014
Data Release Frequency: Annually

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 10/14/2013
Date Data Arrived at EDR: 10/30/2013
Date Made Active in Reports: 12/03/2013
Number of Days to Update: 34

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 10/30/2013
Next Scheduled EDR Contact: 02/11/2014
Data Release Frequency: Varies

LDS: Land Disposal Sites Listing

The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management units.

Date of Government Version: 12/16/2013
Date Data Arrived at EDR: 12/17/2013
Date Made Active in Reports: 01/04/2014
Number of Days to Update: 18

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/17/2013
Next Scheduled EDR Contact: 03/31/2014
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/16/2013
Date Data Arrived at EDR: 12/17/2013
Date Made Active in Reports: 01/04/2014
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/17/2013
Next Scheduled EDR Contact: 03/31/2014
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

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: 09/10/2013
Date Data Arrived at EDR: 10/02/2013
Date Made Active in Reports: 12/16/2013
Number of Days to Update: 75

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 01/02/2014
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Varies

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: 11/06/2013
Next Scheduled EDR Contact: 02/17/2014
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 10/18/2013
Next Scheduled EDR Contact: 01/27/2014
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 02/26/2013
Date Made Active in Reports: 03/13/2013
Number of Days to Update: 15

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 12/13/2013
Next Scheduled EDR Contact: 03/24/2014
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: 06/30/2013
Date Data Arrived at EDR: 08/07/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 57

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 12/26/2013
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 04/26/2013
Date Data Arrived at EDR: 06/11/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 143

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 12/12/2013
Next Scheduled EDR Contact: 03/24/2014
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 11/26/2013
Next Scheduled EDR Contact: 03/10/2014
Data Release Frequency: Varies

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/01/2013
Date Data Arrived at EDR: 09/05/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 28

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 12/06/2013
Next Scheduled EDR Contact: 03/17/2014
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/31/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 44

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 11/27/2013
Next Scheduled EDR Contact: 03/10/2014
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 64

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/26/2013
Next Scheduled EDR Contact: 04/07/2014
Data Release Frequency: Every 4 Years

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: 11/21/2013
Next Scheduled EDR Contact: 03/10/2014
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: 11/21/2014
Next Scheduled EDR Contact: 03/10/2014
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

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/28/2013
Next Scheduled EDR Contact: 02/11/2014
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: 07/20/2011
Date Data Arrived at EDR: 11/10/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 10/09/2014
Next Scheduled EDR Contact: 04/28/2014
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 06/01/2013
Date Data Arrived at EDR: 07/17/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 107

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 10/18/2013
Next Scheduled EDR Contact: 01/27/2014
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/22/2013
Date Data Arrived at EDR: 08/02/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 91

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 12/09/2013
Next Scheduled EDR Contact: 03/24/2014
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 09/30/2013
Date Data Arrived at EDR: 10/09/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 23

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 01/10/2014
Next Scheduled EDR Contact: 04/21/2014
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 03/08/2013
Date Data Arrived at EDR: 03/21/2013
Date Made Active in Reports: 07/10/2013
Number of Days to Update: 111

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 12/10/2013
Next Scheduled EDR Contact: 03/24/2014
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 05/08/2012
Date Data Arrived at EDR: 05/25/2012
Date Made Active in Reports: 07/10/2012
Number of Days to Update: 46

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 10/28/2013
Next Scheduled EDR Contact: 02/11/2014
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 02/26/2013
Date Made Active in Reports: 04/19/2013
Number of Days to Update: 52

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 11/25/2013
Next Scheduled EDR Contact: 03/10/2014
Data Release Frequency: Biennially

CA BOND EXP. PLAN: Bond Expenditure Plan

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

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 11/19/2013
Date Data Arrived at EDR: 11/21/2013
Date Made Active in Reports: 01/02/2014
Number of Days to Update: 42

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 11/21/2013
Next Scheduled EDR Contact: 03/03/2014
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UIC: UIC Listing
A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 09/25/2013
Date Data Arrived at EDR: 12/17/2013
Date Made Active in Reports: 01/07/2014
Number of Days to Update: 21

Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 12/17/2013
Next Scheduled EDR Contact: 03/31/2014
Data Release Frequency: Varies

CORTESE: "Cortese" Hazardous Waste & Substances Sites List
The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 09/30/2013
Date Data Arrived at EDR: 10/01/2013
Date Made Active in Reports: 11/26/2013
Number of Days to Update: 56

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 12/31/2013
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List
The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [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

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: 12/17/2013
Next Scheduled EDR Contact: 04/07/2014
Data Release Frequency: No Update Planned

DRYCLEANERS: Cleaner Facilities
A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 09/11/2013
Date Made Active in Reports: 10/16/2013
Number of Days to Update: 35

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 12/09/2013
Next Scheduled EDR Contact: 03/24/2014
Data Release Frequency: Annually

WIP: Well Investigation Program Case List
Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
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: 12/26/2013
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 08/09/2013
Date Data Arrived at EDR: 08/13/2013
Date Made Active in Reports: 10/08/2013
Number of Days to Update: 56

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 11/08/2013
Next Scheduled EDR Contact: 02/11/2014
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.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 07/16/2013
Date Made Active in Reports: 08/26/2013
Number of Days to Update: 41

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 10/15/2013
Next Scheduled EDR Contact: 01/27/2014
Data Release Frequency: Annually

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 06/25/2013
Date Made Active in Reports: 08/22/2013
Number of Days to Update: 58

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 12/26/2013
Next Scheduled EDR Contact: 04/07/2014
Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
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: 10/18/2013
Next Scheduled EDR Contact: 01/27/2014
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011
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: 11/18/2013
Next Scheduled EDR Contact: 02/03/2014
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: 11/18/2013
Date Data Arrived at EDR: 11/19/2013
Date Made Active in Reports: 12/31/2013
Number of Days to Update: 42

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 11/18/2013
Next Scheduled EDR Contact: 03/03/2014
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 11/25/2013
Date Data Arrived at EDR: 11/26/2013
Date Made Active in Reports: 12/31/2013
Number of Days to Update: 35
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/26/2013
Next Scheduled EDR Contact: 03/10/2014
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: 10/15/2013
Date Data Arrived at EDR: 10/15/2013
Date Made Active in Reports: 11/27/2013
Number of Days to Update: 43
Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 01/14/2014
Next Scheduled EDR Contact: 04/28/2014
Data Release Frequency: Quarterly

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: 10/18/2013
Next Scheduled EDR Contact: 01/27/2014
Data Release Frequency: N/A

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: 10/28/2013
Date Data Arrived at EDR: 10/29/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 38
Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 11/18/2013
Next Scheduled EDR Contact: 03/03/2014
Data Release Frequency: Quarterly

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 04/15/2013
Date Data Arrived at EDR: 07/03/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 72
Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 01/02/2014
Next Scheduled EDR Contact: 04/14/2014
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: 11/11/2011
Date Data Arrived at EDR: 05/18/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 7
Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 11/15/2013
Next Scheduled EDR Contact: 02/24/2014
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 09/20/2013
Date Data Arrived at EDR: 12/11/2013
Date Made Active in Reports: 01/04/2014
Number of Days to Update: 24

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 12/09/2013
Next Scheduled EDR Contact: 03/24/2014
Data Release Frequency: Varies

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 12/16/2013
Date Data Arrived at EDR: 12/17/2013
Date Made Active in Reports: 01/07/2014
Number of Days to Update: 21

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/17/2013
Next Scheduled EDR Contact: 03/31/2014
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: 06/30/2013
Date Data Arrived at EDR: 08/13/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 11/15/2013
Next Scheduled EDR Contact: 02/24/2014
Data Release Frequency: Quarterly

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011
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: 11/01/2013
Next Scheduled EDR Contact: 02/11/2014
Data Release Frequency: Varies

WDS: Waste Discharge System
Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 11/21/2013
Next Scheduled EDR Contact: 03/10/2014
Data Release Frequency: Quarterly

US AIRS MINOR: Air Facility System Data
A listing of minor source facilities.

Date of Government Version: 10/23/2013
Date Data Arrived at EDR: 11/06/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 30

Source: EPA
Telephone: 202-564-5962
Last EDR Contact: 12/26/2013
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/23/2013
Date Data Arrived at EDR: 11/06/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 30

Source: EPA
Telephone: 202-564-5962
Last EDR Contact: 12/26/2013
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Annually

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 08/17/2010
Date Data Arrived at EDR: 01/03/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 77

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 12/13/2013
Next Scheduled EDR Contact: 03/24/2014
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 10/31/2013
Date Data Arrived at EDR: 11/06/2013
Date Made Active in Reports: 12/03/2013
Number of Days to Update: 27

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 10/25/2013
Next Scheduled EDR Contact: 02/11/2014
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/29/2013
Date Data Arrived at EDR: 02/14/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 01/03/2014
Next Scheduled EDR Contact: 04/21/2014
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 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

COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 01/13/2014
Next Scheduled EDR Contact: 04/28/2014
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 US Hist Cleaners: EDR Proprietary Historic Dry Cleaners - Cole

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: N/A
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR US Hist Auto Stat: EDR Proprietary Historic Gas Stations - Cole

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: N/A
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

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.

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: EDR
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: 11/13/2013
Date Data Arrived at EDR: 11/15/2013
Date Made Active in Reports: 12/16/2013
Number of Days to Update: 31

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 12/30/2013
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 11/13/2013
Date Data Arrived at EDR: 11/15/2013
Date Made Active in Reports: 12/31/2013
Number of Days to Update: 46

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 12/30/2013
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA Facility List

Cupa Facility List

Date of Government Version: 12/05/2013
Date Data Arrived at EDR: 12/10/2013
Date Made Active in Reports: 01/03/2014
Number of Days to Update: 24

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 12/09/2013
Next Scheduled EDR Contact: 03/24/2014
Data Release Frequency: Varies

BUTTE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility Listing
Cupa facility list.

Date of Government Version: 08/01/2013
Date Data Arrived at EDR: 08/02/2013
Date Made Active in Reports: 08/22/2013
Number of Days to Update: 20

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 01/13/2014
Next Scheduled EDR Contact: 04/28/2014
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 09/30/2013
Date Data Arrived at EDR: 10/01/2013
Date Made Active in Reports: 11/26/2013
Number of Days to Update: 56

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 12/30/2013
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 06/20/2013
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 08/09/2013
Number of Days to Update: 39

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 11/15/2013
Next Scheduled EDR Contact: 02/24/2014
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: 11/18/2013
Date Data Arrived at EDR: 11/19/2013
Date Made Active in Reports: 12/31/2013
Number of Days to Update: 42

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 11/04/2013
Next Scheduled EDR Contact: 02/17/2014
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA Facility List
Cupa Facility list

Date of Government Version: 01/09/2013
Date Data Arrived at EDR: 01/10/2013
Date Made Active in Reports: 02/25/2013
Number of Days to Update: 46

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 11/04/2013
Next Scheduled EDR Contact: 02/17/2014
Data Release Frequency: Varies

EL DORADO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List
CUPA facility list.

Date of Government Version: 11/18/2013
Date Data Arrived at EDR: 11/19/2013
Date Made Active in Reports: 01/14/2014
Number of Days to Update: 56

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 11/04/2013
Next Scheduled EDR Contact: 02/17/2014
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: 09/30/2013
Date Data Arrived at EDR: 10/16/2013
Date Made Active in Reports: 11/27/2013
Number of Days to Update: 42

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 01/13/2014
Next Scheduled EDR Contact: 04/28/2014
Data Release Frequency: Semi-Annually

HUMBOLDT COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 12/16/2013
Date Data Arrived at EDR: 12/17/2013
Date Made Active in Reports: 01/07/2014
Number of Days to Update: 21

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 11/20/2013
Next Scheduled EDR Contact: 03/10/2014
Data Release Frequency: Varies

IMPERIAL COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 11/06/2013
Date Data Arrived at EDR: 11/06/2013
Date Made Active in Reports: 12/04/2013
Number of Days to Update: 28

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 10/28/2013
Next Scheduled EDR Contact: 02/11/2014
Data Release Frequency: Varies

INYO COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 09/11/2013
Date Made Active in Reports: 10/14/2013
Number of Days to Update: 33

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 12/09/2013
Next Scheduled EDR Contact: 03/10/2014
Data Release Frequency: Varies

KERN COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 08/31/2010
Date Data Arrived at EDR: 09/01/2010
Date Made Active in Reports: 09/30/2010
Number of Days to Update: 29

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 11/08/2013
Next Scheduled EDR Contact: 02/24/2014
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: 12/12/2013
Date Data Arrived at EDR: 12/13/2013
Date Made Active in Reports: 01/07/2014
Number of Days to Update: 25

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 12/09/2013
Next Scheduled EDR Contact: 03/10/2014
Data Release Frequency: Varies

LAKE COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 01/23/2013
Date Data Arrived at EDR: 01/25/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 33

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 10/21/2013
Next Scheduled EDR Contact: 02/03/2014
Data Release Frequency: Varies

LOS ANGELES COUNTY:

San Gabriel Valley Areas of Concern
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 12/17/2013
Next Scheduled EDR Contact: 04/07/2014
Data Release Frequency: No Update Planned

HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 03/28/2013
Date Data Arrived at EDR: 06/17/2013
Date Made Active in Reports: 08/21/2013
Number of Days to Update: 65

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 01/13/2014
Next Scheduled EDR Contact: 04/28/2014
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/21/2013
Date Data Arrived at EDR: 10/22/2013
Date Made Active in Reports: 11/27/2013
Number of Days to Update: 36

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 10/22/2013
Next Scheduled EDR Contact: 02/03/2014
Data Release Frequency: Varies

City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 03/05/2009
Date Data Arrived at EDR: 03/10/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 29

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 07/17/2013
Next Scheduled EDR Contact: 11/04/2013
Data Release Frequency: Varies

Site Mitigation List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 01/30/2013
Date Data Arrived at EDR: 02/21/2013
Date Made Active in Reports: 03/25/2013
Number of Days to Update: 32

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 10/21/2013
Next Scheduled EDR Contact: 02/03/2014
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 10/21/2013
Date Data Arrived at EDR: 10/25/2013
Date Made Active in Reports: 11/27/2013
Number of Days to Update: 33

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 10/21/2013
Next Scheduled EDR Contact: 02/03/2014
Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank
Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 03/28/2003
Date Data Arrived at EDR: 10/23/2003
Date Made Active in Reports: 11/26/2003
Number of Days to Update: 34

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 10/28/2013
Next Scheduled EDR Contact: 02/11/2014
Data Release Frequency: Annually

City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 07/15/2013
Date Data Arrived at EDR: 07/18/2013
Date Made Active in Reports: 08/20/2013
Number of Days to Update: 33

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 01/13/2014
Next Scheduled EDR Contact: 04/28/2014
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/20/2013
Date Data Arrived at EDR: 09/24/2013
Date Made Active in Reports: 10/18/2013
Number of Days to Update: 24

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 11/20/2013
Next Scheduled EDR Contact: 03/10/2014
Data Release Frequency: Varies

MARIN COUNTY:

Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 10/07/2013
Date Data Arrived at EDR: 10/09/2013
Date Made Active in Reports: 11/26/2013
Number of Days to Update: 48

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 01/03/2014
Next Scheduled EDR Contact: 04/21/2014
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 08/23/2013
Date Data Arrived at EDR: 08/27/2013
Date Made Active in Reports: 10/08/2013
Number of Days to Update: 42

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 11/20/2013
Next Scheduled EDR Contact: 03/10/2014
Data Release Frequency: Varies

MONO COUNTY:

CUPA Facility List
CUPA Facility List

Date of Government Version: 12/02/2013
Date Data Arrived at EDR: 12/03/2013
Date Made Active in Reports: 01/02/2014
Number of Days to Update: 30

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 12/02/2013
Next Scheduled EDR Contact: 03/17/2014
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 09/11/2013
Date Data Arrived at EDR: 09/12/2013
Date Made Active in Reports: 10/14/2013
Number of Days to Update: 32

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 11/20/2013
Next Scheduled EDR Contact: 03/10/2014
Data Release Frequency: Varies

NAPA COUNTY:

Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/02/2013
Next Scheduled EDR Contact: 03/17/2014
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: 12/02/2013
Next Scheduled EDR Contact: 03/17/2014
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 11/06/2013
Date Data Arrived at EDR: 11/07/2013
Date Made Active in Reports: 12/04/2013
Number of Days to Update: 27

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 11/04/2013
Next Scheduled EDR Contact: 02/17/2014
Data Release Frequency: Varies

ORANGE COUNTY:

List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 11/04/2013
Date Data Arrived at EDR: 11/13/2013
Date Made Active in Reports: 12/04/2013
Number of Days to Update: 21

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/08/2013
Next Scheduled EDR Contact: 02/24/2014
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 11/04/2013
Date Data Arrived at EDR: 11/13/2013
Date Made Active in Reports: 12/04/2013
Number of Days to Update: 21

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/08/2013
Next Scheduled EDR Contact: 02/24/2014
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 11/04/2013
Date Data Arrived at EDR: 11/13/2013
Date Made Active in Reports: 12/04/2013
Number of Days to Update: 21

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/08/2013
Next Scheduled EDR Contact: 02/24/2014
Data Release Frequency: Quarterly

PLACER COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 12/09/2013
Date Data Arrived at EDR: 12/10/2013
Date Made Active in Reports: 01/07/2014
Number of Days to Update: 28

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 12/09/2013
Next Scheduled EDR Contact: 03/24/2014
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: 10/10/2013
Date Data Arrived at EDR: 10/22/2013
Date Made Active in Reports: 11/27/2013
Number of Days to Update: 36

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/19/2013
Next Scheduled EDR Contact: 04/07/2014
Data Release Frequency: Quarterly

Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 10/10/2013
Date Data Arrived at EDR: 10/22/2013
Date Made Active in Reports: 11/27/2013
Number of Days to Update: 36

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/19/2013
Next Scheduled EDR Contact: 04/07/2014
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: 08/05/2013
Date Data Arrived at EDR: 10/10/2013
Date Made Active in Reports: 11/26/2013
Number of Days to Update: 47

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 01/06/2014
Next Scheduled EDR Contact: 04/21/2014
Data Release Frequency: Quarterly

Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 08/05/2013
Date Data Arrived at EDR: 10/10/2013
Date Made Active in Reports: 11/26/2013
Number of Days to Update: 47

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 01/06/2014
Next Scheduled EDR Contact: 04/21/2014
Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

Hazardous Material Permits
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/26/2013
Date Data Arrived at EDR: 11/27/2013
Date Made Active in Reports: 12/31/2013
Number of Days to Update: 34

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 11/08/2013
Next Scheduled EDR Contact: 02/24/2014
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: 12/09/2013
Next Scheduled EDR Contact: 03/24/2014
Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2013
Date Data Arrived at EDR: 11/19/2013
Date Made Active in Reports: 12/31/2013
Number of Days to Update: 42

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 11/18/2013
Next Scheduled EDR Contact: 02/11/2014
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: 12/09/2013
Next Scheduled EDR Contact: 03/24/2014
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: 11/08/2013
Next Scheduled EDR Contact: 02/24/2014
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: 11/08/2013
Next Scheduled EDR Contact: 02/24/2014
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 12/18/2013
Date Data Arrived at EDR: 12/19/2013
Date Made Active in Reports: 01/08/2014
Number of Days to Update: 20

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 12/17/2013
Next Scheduled EDR Contact: 04/07/2014
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA Facility List
Cupa Facility List.

Date of Government Version: 08/26/2013
Date Data Arrived at EDR: 08/27/2013
Date Made Active in Reports: 10/10/2013
Number of Days to Update: 44

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 11/20/2013
Next Scheduled EDR Contact: 03/10/2014
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: 10/01/2013
Date Data Arrived at EDR: 10/08/2013
Date Made Active in Reports: 11/26/2013
Number of Days to Update: 49

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/16/2013
Next Scheduled EDR Contact: 03/31/2014
Data Release Frequency: Annually

Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 12/12/2013
Date Data Arrived at EDR: 12/17/2013
Date Made Active in Reports: 01/07/2014
Number of Days to Update: 21

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/12/2013
Next Scheduled EDR Contact: 03/31/2014
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: 11/21/2013
Next Scheduled EDR Contact: 03/10/2014
Data Release Frequency: Varies

SANTA CLARA COUNTY:

Cupa Facility List
Cupa facility list

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/03/2013
Date Data Arrived at EDR: 09/04/2013
Date Made Active in Reports: 10/10/2013
Number of Days to Update: 36

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 12/02/2013
Next Scheduled EDR Contact: 03/17/2014
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: 12/02/2013
Date Data Arrived at EDR: 12/03/2013
Date Made Active in Reports: 01/02/2014
Number of Days to Update: 30

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 12/02/2013
Next Scheduled EDR Contact: 03/17/2014
Data Release Frequency: Annually

Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/12/2013
Date Data Arrived at EDR: 11/15/2013
Date Made Active in Reports: 01/03/2014
Number of Days to Update: 49

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 11/08/2013
Next Scheduled EDR Contact: 02/24/2014
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA Facility List
CUPA facility listing.

Date of Government Version: 12/09/2013
Date Data Arrived at EDR: 12/10/2013
Date Made Active in Reports: 01/03/2014
Number of Days to Update: 24

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 12/09/2013
Next Scheduled EDR Contact: 03/10/2014
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA Facility List
Cupa Facility List.

Date of Government Version: 12/03/2013
Date Data Arrived at EDR: 12/04/2013
Date Made Active in Reports: 01/02/2014
Number of Days to Update: 29

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 11/21/2013
Next Scheduled EDR Contact: 03/10/2014
Data Release Frequency: Varies

SOLANO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 12/16/2013
Date Data Arrived at EDR: 12/18/2013
Date Made Active in Reports: 01/08/2014
Number of Days to Update: 21

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 12/12/2013
Next Scheduled EDR Contact: 03/31/2014
Data Release Frequency: Quarterly

Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 12/16/2013
Date Data Arrived at EDR: 12/19/2013
Date Made Active in Reports: 01/08/2014
Number of Days to Update: 20

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 12/12/2013
Next Scheduled EDR Contact: 03/31/2014
Data Release Frequency: Quarterly

SONOMA COUNTY:

Cupa Facility List
Cupa Facility list

Date of Government Version: 09/30/2013
Date Data Arrived at EDR: 10/01/2013
Date Made Active in Reports: 11/26/2013
Number of Days to Update: 56

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 12/30/2013
Next Scheduled EDR Contact: 04/14/2014
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: 10/01/2013
Date Data Arrived at EDR: 10/02/2013
Date Made Active in Reports: 11/26/2013
Number of Days to Update: 55

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 12/30/2013
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 12/10/2013
Date Data Arrived at EDR: 12/11/2013
Date Made Active in Reports: 01/04/2014
Number of Days to Update: 24

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 12/09/2013
Next Scheduled EDR Contact: 03/24/2014
Data Release Frequency: Semi-Annually

TUOLUMNE COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 11/04/2013
Date Data Arrived at EDR: 11/06/2013
Date Made Active in Reports: 12/04/2013
Number of Days to Update: 28

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 10/28/2013
Next Scheduled EDR Contact: 02/11/2014
Data Release Frequency: Varies

VENTURA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/29/2013
Date Data Arrived at EDR: 11/21/2013
Date Made Active in Reports: 01/14/2014
Number of Days to Update: 54

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 11/19/2013
Next Scheduled EDR Contact: 03/03/2014
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: 01/03/2014
Next Scheduled EDR Contact: 04/21/2014
Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
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: 11/19/2013
Next Scheduled EDR Contact: 03/03/2014
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: 10/02/2013
Date Data Arrived at EDR: 10/30/2013
Date Made Active in Reports: 11/27/2013
Number of Days to Update: 28

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 10/28/2013
Next Scheduled EDR Contact: 02/11/2014
Data Release Frequency: Quarterly

Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 11/26/2013
Date Data Arrived at EDR: 12/18/2013
Date Made Active in Reports: 01/08/2014
Number of Days to Update: 21

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 12/16/2013
Next Scheduled EDR Contact: 03/31/2014
Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 12/18/2013
Date Data Arrived at EDR: 12/24/2013
Date Made Active in Reports: 01/08/2014
Number of Days to Update: 15

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 12/17/2013
Next Scheduled EDR Contact: 04/07/2014
Data Release Frequency: Annually

YUBA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 12/06/2013
Date Data Arrived at EDR: 12/10/2013
Date Made Active in Reports: 01/04/2014
Number of Days to Update: 25

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 12/06/2013
Next Scheduled EDR Contact: 02/17/2014
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: 11/22/2013
Next Scheduled EDR Contact: 03/03/2014
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 08/28/2012
Number of Days to Update: 40

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 10/18/2013
Next Scheduled EDR Contact: 01/27/2014
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 11/01/2013
Date Data Arrived at EDR: 11/07/2013
Date Made Active in Reports: 11/18/2013
Number of Days to Update: 11

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 11/07/2013
Next Scheduled EDR Contact: 02/17/2014
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 07/24/2013
Date Made Active in Reports: 08/19/2013
Number of Days to Update: 26

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 10/21/2013
Next Scheduled EDR Contact: 02/03/2014
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 06/21/2013
Date Made Active in Reports: 08/05/2013
Number of Days to Update: 45

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/25/2013
Next Scheduled EDR Contact: 03/10/2014
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 08/09/2013
Date Made Active in Reports: 09/27/2013
Number of Days to Update: 49

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 12/11/2013
Next Scheduled EDR Contact: 03/31/2014
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data
Source: Rextag Strategies Corp.
Telephone: (281) 769-2247
U.S. Electric Transmission and Power Plants Systems Digital GIS Data

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

EBB TIDE MOBILE HOME PARK
1560-1570 PLACENTIA AVENUE
COSTA MESA, CA 92627

TARGET PROPERTY COORDINATES

Latitude (North):	33.6311 - 33° 37' 51.96''
Longitude (West):	117.9314 - 117° 55' 53.04''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	413613.8
UTM Y (Meters):	3721450.0
Elevation:	105 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	33117-F8 NEWPORT BEACH (DIGITAL), CA
Most Recent Revision:	0
South Map:	33117-E8 NEWPORT BEACH OE S, CA
Most Recent Revision:	1981

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).

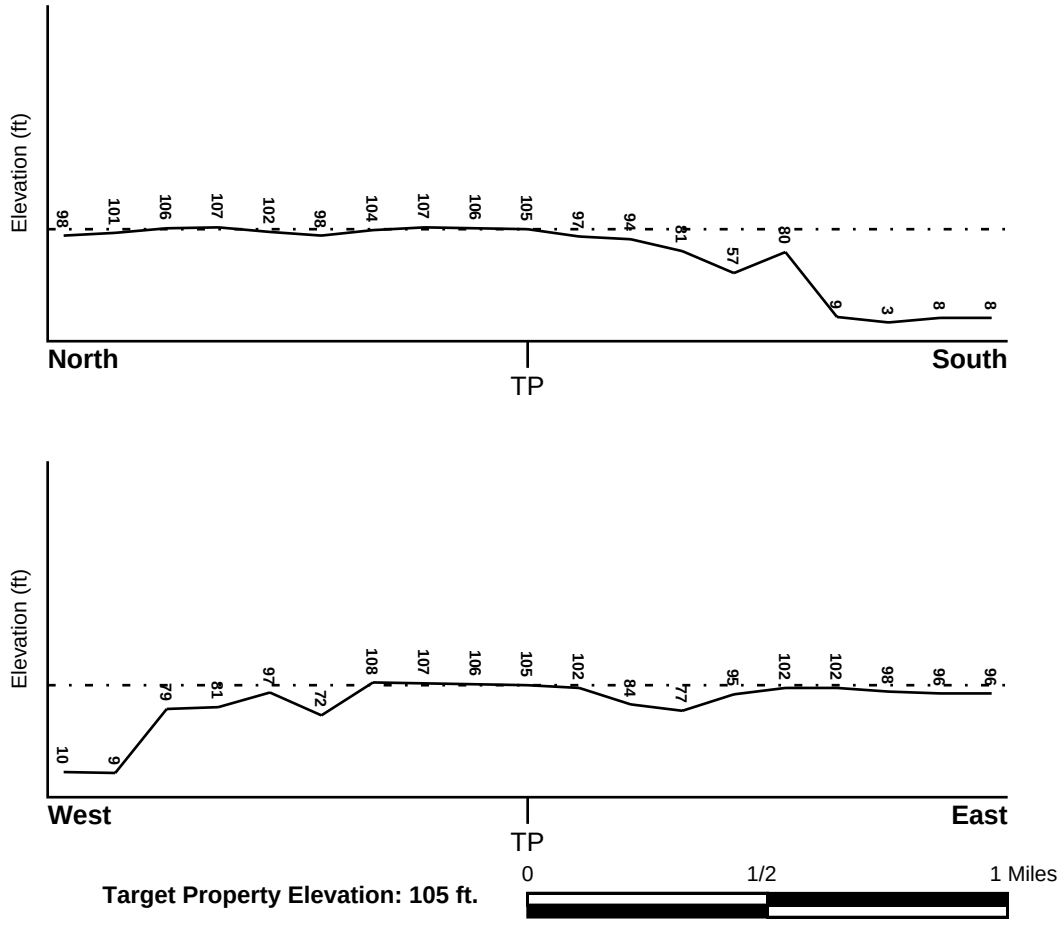
TOPOGRAPHIC INFORMATION

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 ESE

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
ORANGE, CA	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 06059C - FEMA DFIRM Flood data

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
COSTA MESA	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Location Relative to TP:	1/8 - 1/4 Mile ESE
Site Name:	HUGHES AIRCRAFT CO
Site EPA ID Number:	CAD057468944
Groundwater Flow Direction:	GENERALLY SE IN THE ALLUVIAL ZONE AT AN APPROXIMATE RATE OF 250 TO 1,000 FEET PER YEAR AND GENERALLY SE IN THE MONTEREY FORMATION AT AN APPROXIMATE RATE OF 2 TO 25 FEET PER YEAR.
Measured Depth to Water:	33 to 45 feet in the alluvial zone and 48 to 57 feet in the Monterey formation.
Hydraulic Connection:	The shallow alluvial zone is considered a perched aquifer that overlies the silty clay Monterey formation.
Sole Source Aquifer:	No information about a sole source aquifer is available
Data Quality:	Information based on site-specific subsurface investigations is documented in the CERCLIS investigation report(s)

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW

* ©1996 Site--specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
1	1/4 - 1/2 Mile SE	SSE
2	1/4 - 1/2 Mile NNW	Not Reported
3	1/4 - 1/2 Mile SSW	S
4	1/2 - 1 Mile NNW	W
5	1/2 - 1 Mile ENE	Not Reported
6	1/2 - 1 Mile NE	S
A7	1/2 - 1 Mile North	NW
A8	1/2 - 1 Mile North	WSW
10	1/2 - 1 Mile SSE	SW
11	1/2 - 1 Mile South	NE
B12	1/2 - 1 Mile East	WSW
B13	1/2 - 1 Mile East	WSW
B14	1/2 - 1 Mile East	Not Reported
B15	1/2 - 1 Mile East	Not Reported

For additional site information, refer to Physical Setting Source Map Findings.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

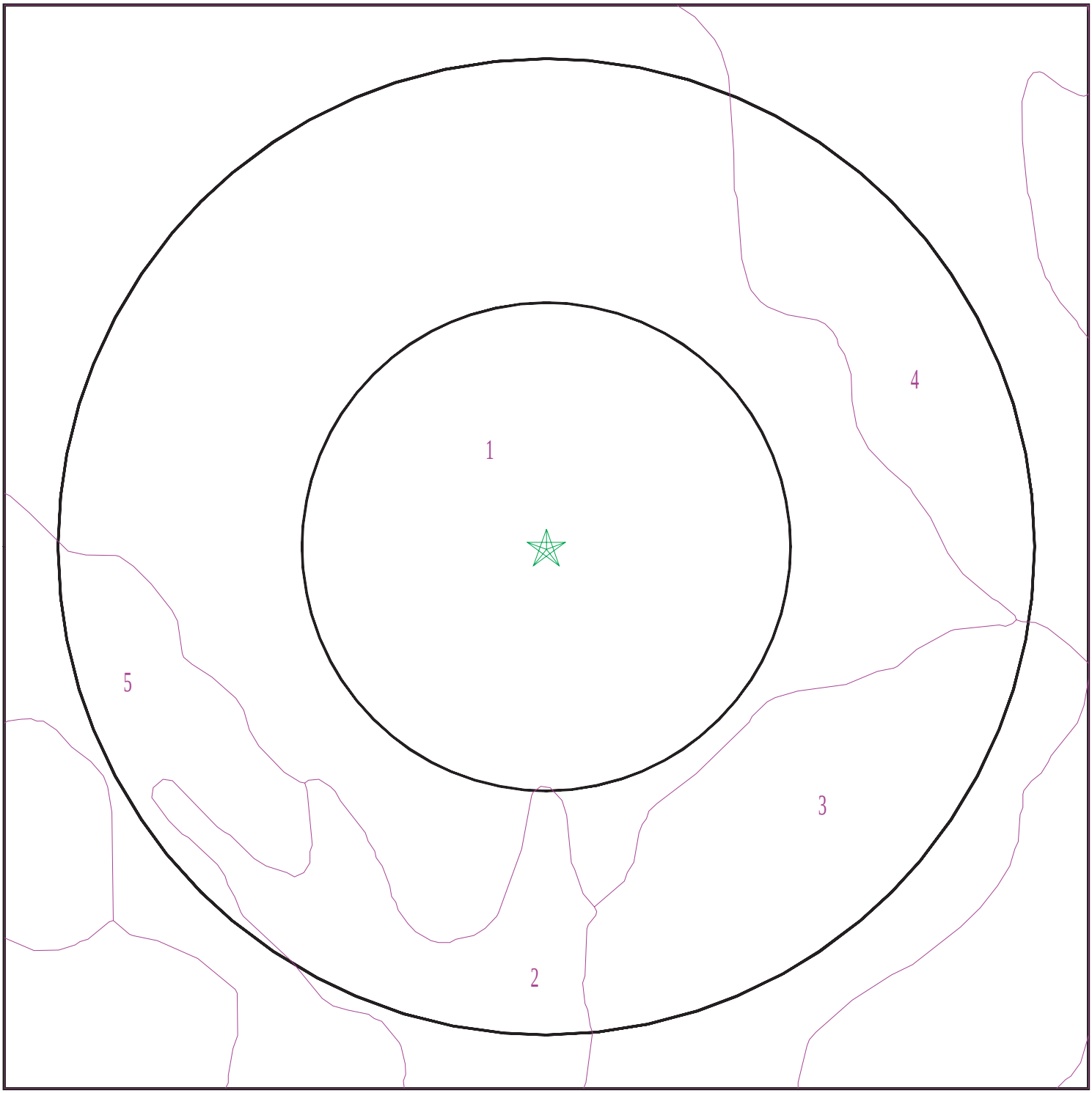
GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

PA2014-110

SSURGO SOIL MAP - 3830898.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	EBB TIDE MOBILE HOME PARK	CLIENT:	Ecobility Corporation
ADDRESS:	1560-1570 PLACENTIA AVENUE Costa Mesa CA 92627	CONTACT:	Valerie Marshall
LAT/LONG:	33.6311 / 117.9314	INQUIRY #:	3830898.2s
		DATE:	January 14, 2014 8:00 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: MYFORD

Soil Surface Texture: sandy loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	11 inches	sandy loam	Not reported	Not reported	Max: 42 Min: 14	Max: 6 Min: 5.1
2	11 inches	18 inches	sandy clay	Not reported	Not reported	Max: 0.42 Min: 0.01	Max: 6.5 Min: 5.6
3	18 inches	27 inches	sandy clay loam	Not reported	Not reported	Max: 0.42 Min: 0.01	Max: 8.4 Min: 5.6
4	27 inches	70 inches	sandy clay loam	Not reported	Not reported	Max: 0.42 Min: 0.01	Max: 8.4 Min: 6.1
5	70 inches	79 inches	sandy loam	Not reported	Not reported	Max: 14 Min: 4	Max: 6.5 Min: 6.1

Soil Map ID: 2

Soil Component Name: CAPISTRANO

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information

	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	27 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.3 Min: 5.6
2	27 inches	64 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.3 Min: 5.6

Soil Map ID: 3

Soil Component Name: MYFORD

Soil Surface Texture: sandy loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	11 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 42 Min: 14	Max: 6 Min: 5.1
2	11 inches	18 inches	sandy clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.42 Min: 0.01	Max: 8.4 Min: 5.6
3	18 inches	27 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.42 Min: 0.01	Max: 8.4 Min: 5.6
4	27 inches	70 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.42 Min: 0.01	Max: 8.4 Min: 6.1
5	70 inches	79 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 6.5 Min: 6.1

Soil Map ID: 4

Soil Component Name: MYFORD

Soil Surface Texture: sandy loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Moderately well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	11 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 42 Min: 14	Max: 6 Min: 5.1
2	11 inches	18 inches	sandy clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.42 Min: 0.01	Max: 8.4 Min: 5.6
3	18 inches	27 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.42 Min: 0.01	Max: 8.4 Min: 5.6
4	27 inches	70 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.42 Min: 0.01	Max: 8.4 Min: 6.1
5	70 inches	79 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 6.5 Min: 6.1

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 5

Soil Component Name: MYFORD

Soil Surface Texture: sandy loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information

	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	22 inches	sandy loam	Not reported	Not reported	Max: 42 Min: 14	Max: 6 Min: 5.1
2	22 inches	27 inches	sandy clay	Not reported	Not reported	Max: 0.42 Min: 0.01	Max: 8.4 Min: 5.6
3	27 inches	38 inches	sandy clay loam	Not reported	Not reported	Max: 0.42 Min: 0.01	Max: 8.4 Min: 5.6
4	38 inches	70 inches	sandy clay loam	Not reported	Not reported	Max: 0.42 Min: 0.01	Max: 8.4 Min: 6.1
5	70 inches	79 inches	sandy loam	Not reported	Not reported	Max: 14 Min: 4	Max: 6.5 Min: 6.1

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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
9	CA3900831	1/2 - 1 Mile South

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		

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	CAOG9A000003257	1/8 - 1/4 Mile WNW
2	CAOG9A000003272	1/8 - 1/4 Mile ENE
A3	CAOG9A000003365	1/4 - 1/2 Mile NNE
B4	CAOG9A000003392	1/4 - 1/2 Mile North
5	CAOG9A000003179	1/4 - 1/2 Mile SW
C6	CAOG9A000003348	1/4 - 1/2 Mile NE
A7	CAOG9A000003387	1/4 - 1/2 Mile NNE
A8	CAOG9A000003366	1/4 - 1/2 Mile NE
9	CAOG9A000003178	1/4 - 1/2 Mile SE
B10	CAOG9A000003441	1/4 - 1/2 Mile North
D11	CAOG9A000003443	1/4 - 1/2 Mile NNE
12	CAOG9A000003150	1/4 - 1/2 Mile SSW
C13	CAOG9A000003386	1/4 - 1/2 Mile NE
E14	CAOG9A000003415	1/4 - 1/2 Mile NNE
F15	CAOG9A000003343	1/4 - 1/2 Mile NE
16	CAOG9A000003159	1/4 - 1/2 Mile SW
17	CAOG9A000003439	1/4 - 1/2 Mile NNW
D18	CAOG9A000003470	1/4 - 1/2 Mile NNE
F19	CAOG9A000003311	1/4 - 1/2 Mile ENE
D20	CAOG9A000003477	1/4 - 1/2 Mile NNE
E21	CAOG9A000003440	1/4 - 1/2 Mile NNE
D22	CAOG9A000003474	1/4 - 1/2 Mile NNE
D23	CAOG9A000003472	1/4 - 1/2 Mile NNE
E24	CAOG9A000003435	1/4 - 1/2 Mile NE
E25	CAOG9A000003467	1/4 - 1/2 Mile NNE
E26	CAOG9A000003469	1/4 - 1/2 Mile NNE
G27	CAOG9A000003117	1/4 - 1/2 Mile SSW
28	CAOG9A000003424	1/4 - 1/2 Mile NW
29	CAOG9A000003552	1/4 - 1/2 Mile NNW
H30	CAOG9A000003280	1/2 - 1 Mile West

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
I31	CAOG9A000003520	1/2 - 1 Mile NW
H32	CAOG9A000003251	1/2 - 1 Mile West
H33	CAOG9A000003278	1/2 - 1 Mile West
J34	CAOG9A000003205	1/2 - 1 Mile West
K35	CAOG9A000003114	1/2 - 1 Mile South
J36	CAOG9A000003201	1/2 - 1 Mile West
G37	CAOG9A000003115	1/2 - 1 Mile SSW
38	CAOG9A000003417	1/2 - 1 Mile ENE
J39	CAOG9A000003190	1/2 - 1 Mile WSW
I40	CAOG9A000003547	1/2 - 1 Mile NW
L41	CAOG9A000003598	1/2 - 1 Mile NNE
J42	CAOG9A000003228	1/2 - 1 Mile West
I43	CAOG9A000003546	1/2 - 1 Mile NW
M44	CAOG9A000003241	1/2 - 1 Mile West
N45	CAOG9A000003171	1/2 - 1 Mile WSW
J46	CAOG9A000003199	1/2 - 1 Mile West
O47	CAOG9A000003322	1/2 - 1 Mile ENE
J48	CAOG9A000003195	1/2 - 1 Mile West
P49	CAOG9A000003187	1/2 - 1 Mile WSW
K50	CAOG9A000003109	1/2 - 1 Mile South
N51	CAOG9A000003175	1/2 - 1 Mile WSW
M52	CAOG9A000003262	1/2 - 1 Mile West
M53	CAOG9A000003238	1/2 - 1 Mile West
P54	CAOG9A000003192	1/2 - 1 Mile West
Q55	CAOG9A000003111	1/2 - 1 Mile SSW
L56	CAOG9A000003649	1/2 - 1 Mile NNE
N57	CAOG9A000003169	1/2 - 1 Mile WSW
O58	CAOG9A000003330	1/2 - 1 Mile ENE
M59	CAOG9A000003244	1/2 - 1 Mile West
M60	CAOG9A000003263	1/2 - 1 Mile West
M61	CAOG9A000003224	1/2 - 1 Mile West
62	CAOG9A000003678	1/2 - 1 Mile North
R63	CAOG9A000003212	1/2 - 1 Mile West
S64	CAOG9A000003105	1/2 - 1 Mile South
P65	CAOG9A000003185	1/2 - 1 Mile WSW
T66	CAOG9A000003107	1/2 - 1 Mile SSW
S67	CAOG9A000003101	1/2 - 1 Mile South
N68	CAOG9A000003164	1/2 - 1 Mile WSW
T69	CAOG9A000003104	1/2 - 1 Mile SSW
70	CAOG9A000003100	1/2 - 1 Mile South
P71	CAOG9A000003177	1/2 - 1 Mile WSW
R72	CAOG9A000003203	1/2 - 1 Mile West
73	CAOG9A000003144	1/2 - 1 Mile WSW
U74	CAOG9A000003243	1/2 - 1 Mile West
U75	CAOG9A000003249	1/2 - 1 Mile West
U76	CAOG9A000003283	1/2 - 1 Mile West
V77	CAOG9A000003116	1/2 - 1 Mile SW
R78	CAOG9A000003206	1/2 - 1 Mile West
R79	CAOG9A000003194	1/2 - 1 Mile West
Q80	CAOG9A000003108	1/2 - 1 Mile SSW
W81	CAOG9A000003161	1/2 - 1 Mile WSW
R82	CAOG9A000003220	1/2 - 1 Mile West
V83	CAOG9A000003118	1/2 - 1 Mile SW
R84	CAOG9A000003225	1/2 - 1 Mile West
X85	CAOG9A000003182	1/2 - 1 Mile WSW
86	CAOG9A000003482	1/2 - 1 Mile WNW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
W87	CAOG9A000003172	1/2 - 1 Mile WSW
Y88	CAOG9A000003295	1/2 - 1 Mile West
U89	CAOG9A000003231	1/2 - 1 Mile West
Y90	CAOG9A000003342	1/2 - 1 Mile WNW
U91	CAOG9A000003267	1/2 - 1 Mile West
U92	CAOG9A000003265	1/2 - 1 Mile West
U93	CAOG9A000003237	1/2 - 1 Mile West
Z94	CAOG9A000003196	1/2 - 1 Mile West
95	CAOG9A000003704	1/2 - 1 Mile NNW
Z96	CAOG9A000003193	1/2 - 1 Mile West
Z97	CAOG9A000003204	1/2 - 1 Mile West
Z98	CAOG9A000003207	1/2 - 1 Mile West
Z99	CAOG9A000003191	1/2 - 1 Mile West
Y100	CAOG9A000003314	1/2 - 1 Mile WNW
Y101	CAOG9A000003337	1/2 - 1 Mile WNW
AA102	CAOG9A000003364	1/2 - 1 Mile WNW
X103	CAOG9A000003180	1/2 - 1 Mile WSW
Z104	CAOG9A000003198	1/2 - 1 Mile West
Y105	CAOG9A000003284	1/2 - 1 Mile West
AA106	CAOG9A000003399	1/2 - 1 Mile WNW
U107	CAOG9A000003242	1/2 - 1 Mile West
W108	CAOG9A000003155	1/2 - 1 Mile WSW
Y109	CAOG9A000003338	1/2 - 1 Mile WNW
X110	CAOG9A000003176	1/2 - 1 Mile WSW
U111	CAOG9A000003260	1/2 - 1 Mile West
AB112	CAOG9A000003145	1/2 - 1 Mile WSW
Y113	CAOG9A000003308	1/2 - 1 Mile West
U114	CAOG9A000003245	1/2 - 1 Mile West
AA115	CAOG9A000003352	1/2 - 1 Mile WNW
AB116	CAOG9A000003139	1/2 - 1 Mile WSW
AC117	CAOG9A000003218	1/2 - 1 Mile West
AB118	CAOG9A000003120	1/2 - 1 Mile WSW
AA119	CAOG9A000003411	1/2 - 1 Mile WNW
AA120	CAOG9A000003403	1/2 - 1 Mile WNW
AD121	CAOG9A000003450	1/2 - 1 Mile WNW
AE122	CAOG9A000003099	1/2 - 1 Mile SSW
AB123	CAOG9A000003121	1/2 - 1 Mile WSW
AA124	CAOG9A000003393	1/2 - 1 Mile WNW
Y125	CAOG9A000003310	1/2 - 1 Mile West
AB126	CAOG9A000003123	1/2 - 1 Mile WSW
AF127	CAOG9A000003271	1/2 - 1 Mile West
AG128	CAOG9A000003160	1/2 - 1 Mile WSW
AA129	CAOG9A000003347	1/2 - 1 Mile WNW
Y130	CAOG9A000003309	1/2 - 1 Mile West
Z131	CAOG9A000003202	1/2 - 1 Mile West
AA132	CAOG9A000003354	1/2 - 1 Mile WNW
Z133	CAOG9A000003200	1/2 - 1 Mile West
AB134	CAOG9A000003122	1/2 - 1 Mile WSW
AD135	CAOG9A000003428	1/2 - 1 Mile WNW
AH136	CAOG9A000003323	1/2 - 1 Mile WNW
AD137	CAOG9A000003510	1/2 - 1 Mile WNW
AD138	CAOG9A000003461	1/2 - 1 Mile WNW
AF139	CAOG9A000003269	1/2 - 1 Mile West
AC140	CAOG9A000003227	1/2 - 1 Mile West
AA141	CAOG9A000003358	1/2 - 1 Mile WNW
AD142	CAOG9A000003487	1/2 - 1 Mile WNW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
AF143	CAOG9A000003299	1/2 - 1 Mile West
AA144	CAOG9A000003371	1/2 - 1 Mile WNW
AA145	CAOG9A000003408	1/2 - 1 Mile WNW
AC146	CAOG9A000003211	1/2 - 1 Mile West
AA147	CAOG9A000003389	1/2 - 1 Mile WNW
AD148	CAOG9A000003493	1/2 - 1 Mile WNW
AC149	CAOG9A000003213	1/2 - 1 Mile West
AG150	CAOG9A000003166	1/2 - 1 Mile WSW
AH151	CAOG9A000003344	1/2 - 1 Mile WNW
AD152	CAOG9A000003496	1/2 - 1 Mile WNW
AF153	CAOG9A000003293	1/2 - 1 Mile West
AE154	CAOG9A000003097	1/2 - 1 Mile SSW
AC155	CAOG9A000003240	1/2 - 1 Mile West
AC156	CAOG9A000003232	1/2 - 1 Mile West
AD157	CAOG9A000003495	1/2 - 1 Mile WNW
AI158	CAOG9A000003548	1/2 - 1 Mile NW
AD159	CAOG9A000003453	1/2 - 1 Mile WNW
AG160	CAOG9A000003156	1/2 - 1 Mile WSW
AC161	CAOG9A000003210	1/2 - 1 Mile West
AD162	CAOG9A000003494	1/2 - 1 Mile WNW
AJ163	CAOG9A000003188	1/2 - 1 Mile West
AE164	CAOG9A000003096	1/2 - 1 Mile SSW
AK165	CAOG9A000003413	1/2 - 1 Mile WNW
AD166	CAOG9A000003451	1/2 - 1 Mile WNW
AE167	CAOG9A000003095	1/2 - 1 Mile SSW
AI168	CAOG9A000003573	1/2 - 1 Mile NW
AH169	CAOG9A000003345	1/2 - 1 Mile WNW
AL170	CAOG9A000003088	1/2 - 1 Mile South
AG171	CAOG9A000003151	1/2 - 1 Mile WSW
AF172	CAOG9A000003289	1/2 - 1 Mile West
AK173	CAOG9A000003388	1/2 - 1 Mile WNW
AH174	CAOG9A000003315	1/2 - 1 Mile West
AF175	CAOG9A000003277	1/2 - 1 Mile West
AE176	CAOG9A000003090	1/2 - 1 Mile SSW
AH177	CAOG9A000003336	1/2 - 1 Mile WNW
AK178	CAOG9A000003419	1/2 - 1 Mile WNW
AF179	CAOG9A000003291	1/2 - 1 Mile West
AM180	CAOG9A000003086	1/2 - 1 Mile South
AD181	CAOG9A000003460	1/2 - 1 Mile WNW
AM182	CAOG9A000003085	1/2 - 1 Mile South
AI183	CAOG9A000003531	1/2 - 1 Mile WNW
AK184	CAOG9A000003400	1/2 - 1 Mile WNW
AH185	CAOG9A000003317	1/2 - 1 Mile WNW
AH186	CAOG9A000003369	1/2 - 1 Mile WNW
AF187	CAOG9A000003255	1/2 - 1 Mile West
AJ188	CAOG9A000003186	1/2 - 1 Mile WSW
AF189	CAOG9A000003250	1/2 - 1 Mile West
AF190	CAOG9A000003264	1/2 - 1 Mile West
AI191	CAOG9A000003542	1/2 - 1 Mile WNW
AI192	CAOG9A000003596	1/2 - 1 Mile NW
AK193	CAOG9A000003380	1/2 - 1 Mile WNW
AC194	CAOG9A000003215	1/2 - 1 Mile West
AN195	CAOG9A000003617	1/2 - 1 Mile NW
AM196	CAOG9A000003084	1/2 - 1 Mile South
AO197	CAOG9A000003168	1/2 - 1 Mile WSW
AK198	CAOG9A000003426	1/2 - 1 Mile WNW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
AD199	CAOG9A000003481	1/2 - 1 Mile WNW
200	CAOG9A000003765	1/2 - 1 Mile North
AL201	CAOG9A000003081	1/2 - 1 Mile South
AM202	CAOG9A000003080	1/2 - 1 Mile South
AF203	CAOG9A000003261	1/2 - 1 Mile West
AJ204	CAOG9A000003197	1/2 - 1 Mile West
AL205	CAOG9A000003082	1/2 - 1 Mile South
AP206	CAOG9A000003491	1/2 - 1 Mile WNW
AJ207	CAOG9A000003184	1/2 - 1 Mile WSW
AG208	CAOG9A000003158	1/2 - 1 Mile WSW
AL209	CAOG9A000003083	1/2 - 1 Mile South
AQ210	CAOG9A000003226	1/2 - 1 Mile West
AR211	CAOG9A000003128	1/2 - 1 Mile WSW
AI212	CAOG9A000003595	1/2 - 1 Mile NW
AK213	CAOG9A000003442	1/2 - 1 Mile WNW
AR214	CAOG9A000003148	1/2 - 1 Mile WSW
AS215	CAOG9A000003290	1/2 - 1 Mile West
AH216	CAOG9A000003320	1/2 - 1 Mile West
AT217	CAOG9A000003361	1/2 - 1 Mile WNW
AJ218	CAOG9A000003183	1/2 - 1 Mile WSW
AQ219	CAOG9A000003233	1/2 - 1 Mile West
AN220	CAOG9A000003620	1/2 - 1 Mile NW
AR221	CAOG9A000003133	1/2 - 1 Mile WSW
AT222	CAOG9A000003368	1/2 - 1 Mile WNW
AN223	CAOG9A000003623	1/2 - 1 Mile NW
AS224	CAOG9A000003298	1/2 - 1 Mile West
AS225	CAOG9A000003275	1/2 - 1 Mile West
AR226	CAOG9A000003132	1/2 - 1 Mile WSW
AN227	CAOG9A000003627	1/2 - 1 Mile NW
AI228	CAOG9A000003576	1/2 - 1 Mile NW
AK229	CAOG9A000003432	1/2 - 1 Mile WNW
AS230	CAOG9A000003332	1/2 - 1 Mile WNW
AK231	CAOG9A000003429	1/2 - 1 Mile WNW
AO232	CAOG9A000003162	1/2 - 1 Mile WSW
AQ233	CAOG9A000003214	1/2 - 1 Mile West
AP234	CAOG9A000003521	1/2 - 1 Mile WNW
AS235	CAOG9A000003273	1/2 - 1 Mile West
AQ236	CAOG9A000003248	1/2 - 1 Mile West
AI237	CAOG9A000003583	1/2 - 1 Mile NW
AQ238	CAOG9A000003256	1/2 - 1 Mile West
AP239	CAOG9A000003556	1/2 - 1 Mile WNW
AQ240	CAOG9A000003239	1/2 - 1 Mile West
AQ241	CAOG9A000003235	1/2 - 1 Mile West
AQ242	CAOG9A000003209	1/2 - 1 Mile West
AI243	CAOG9A000003568	1/2 - 1 Mile WNW
244	CAOG9A000003770	1/2 - 1 Mile North
AO245	CAOG9A000003163	1/2 - 1 Mile WSW
AR246	CAOG9A000003153	1/2 - 1 Mile WSW
AT247	CAOG9A000003339	1/2 - 1 Mile WNW
AP248	CAOG9A000003517	1/2 - 1 Mile WNW
AM249	CAOG9A000003079	1/2 - 1 Mile South
AP250	CAOG9A000003507	1/2 - 1 Mile WNW
AJ251	CAOG9A000003189	1/2 - 1 Mile West
AU252	CAOG9A000003586	1/2 - 1 Mile NW
AS253	CAOG9A000003305	1/2 - 1 Mile West
AS254	CAOG9A000003296	1/2 - 1 Mile West

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
255	CAOG9A000003173	1/2 - 1 Mile WSW
AP256	CAOG9A000003539	1/2 - 1 Mile WNW
AU257	CAOG9A000003591	1/2 - 1 Mile NW
AT258	CAOG9A000003341	1/2 - 1 Mile WNW
AS259	CAOG9A000003294	1/2 - 1 Mile West
AQ260	CAOG9A000003246	1/2 - 1 Mile West
AO261	CAOG9A000003167	1/2 - 1 Mile WSW
AO262	CAOG9A000003165	1/2 - 1 Mile WSW
AS263	CAOG9A000003287	1/2 - 1 Mile West
AS264	CAOG9A000003276	1/2 - 1 Mile West
AU265	CAOG9A000003566	1/2 - 1 Mile WNW
AT266	CAOG9A000003372	1/2 - 1 Mile WNW
AT267	CAOG9A000003356	1/2 - 1 Mile WNW
AU268	CAOG9A000003562	1/2 - 1 Mile WNW
AO269	CAOG9A000003157	1/2 - 1 Mile WSW
AS270	CAOG9A000003258	1/2 - 1 Mile West
AV271	CAOG9A000003078	1/2 - 1 Mile South
AQ272	CAOG9A000003247	1/2 - 1 Mile West
AW273	CAOG9A000003679	1/2 - 1 Mile NW
AT274	CAOG9A000003363	1/2 - 1 Mile WNW
AS275	CAOG9A000003279	1/2 - 1 Mile West
AX276	CAOG9A000003254	1/2 - 1 Mile West
AY277	CAOG9A000003444	1/2 - 1 Mile WNW
AS278	CAOG9A000003266	1/2 - 1 Mile West
AR279	CAOG9A000003138	1/2 - 1 Mile WSW
AU280	CAOG9A000003614	1/2 - 1 Mile NW
AR281	CAOG9A000003129	1/2 - 1 Mile WSW
AX282	CAOG9A000003253	1/2 - 1 Mile West
AS283	CAOG9A000003321	1/2 - 1 Mile West
AY284	CAOG9A000003459	1/2 - 1 Mile WNW
AT285	CAOG9A000003404	1/2 - 1 Mile WNW
AS286	CAOG9A000003318	1/2 - 1 Mile West
AU287	CAOG9A000003609	1/2 - 1 Mile NW
AZ288	CAOG9A000003652	1/2 - 1 Mile NW
AY289	CAOG9A000003447	1/2 - 1 Mile WNW
AY290	CAOG9A000003464	1/2 - 1 Mile WNW
BA291	CAOG9A000003551	1/2 - 1 Mile WNW
292	CAOG9A000003076	1/2 - 1 Mile South
BB293	CAOG9A000003324	1/2 - 1 Mile West
BC294	CAOG9A000003142	1/2 - 1 Mile WSW
BC295	CAOG9A000003146	1/2 - 1 Mile WSW
AS296	CAOG9A000003281	1/2 - 1 Mile West
BC297	CAOG9A000003137	1/2 - 1 Mile WSW
BC298	CAOG9A000003149	1/2 - 1 Mile WSW
BC299	CAOG9A000003140	1/2 - 1 Mile WSW
BC300	CAOG9A000003130	1/2 - 1 Mile WSW
BC301	CAOG9A000003152	1/2 - 1 Mile WSW
BC302	CAOG9A000003125	1/2 - 1 Mile WSW
BC303	CAOG9A000003154	1/2 - 1 Mile WSW
BB304	CAOG9A000003325	1/2 - 1 Mile West
AZ305	CAOG9A000003653	1/2 - 1 Mile NW
AV306	CAOG9A000003075	1/2 - 1 Mile South
BA307	CAOG9A000003540	1/2 - 1 Mile WNW
BC308	CAOG9A000003143	1/2 - 1 Mile WSW
BC309	CAOG9A000003147	1/2 - 1 Mile WSW
BB310	CAOG9A000003301	1/2 - 1 Mile West

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
BC311	CAOG9A000003141	1/2 - 1 Mile WSW
AY312	CAOG9A000003402	1/2 - 1 Mile WNW
BC313	CAOG9A000003136	1/2 - 1 Mile WSW
BC314	CAOG9A000003131	1/2 - 1 Mile WSW
BC315	CAOG9A000003126	1/2 - 1 Mile WSW
AY316	CAOG9A000003405	1/2 - 1 Mile WNW
AX317	CAOG9A000003282	1/2 - 1 Mile West
BB318	CAOG9A000003303	1/2 - 1 Mile West
BA319	CAOG9A000003516	1/2 - 1 Mile WNW
AY320	CAOG9A000003485	1/2 - 1 Mile WNW
AW321	CAOG9A000003718	1/2 - 1 Mile NW
322	CAOG9A000003110	1/2 - 1 Mile SE
BC323	CAOG9A000003135	1/2 - 1 Mile WSW
BC324	CAOG9A000003134	1/2 - 1 Mile WSW
BA325	CAOG9A000003526	1/2 - 1 Mile WNW
BC326	CAOG9A000003127	1/2 - 1 Mile WSW
AU327	CAOG9A000003602	1/2 - 1 Mile WNW
BD328	CAOG9A000003390	1/2 - 1 Mile WNW
AU329	CAOG9A000003607	1/2 - 1 Mile NW
BD330	CAOG9A000003383	1/2 - 1 Mile WNW
AU331	CAOG9A000003639	1/2 - 1 Mile NW
AY332	CAOG9A000003427	1/2 - 1 Mile WNW
AU333	CAOG9A000003612	1/2 - 1 Mile NW
BA334	CAOG9A000003572	1/2 - 1 Mile WNW
AU335	CAOG9A000003603	1/2 - 1 Mile WNW
BA336	CAOG9A000003513	1/2 - 1 Mile WNW
BD337	CAOG9A000003379	1/2 - 1 Mile WNW
AZ338	CAOG9A000003640	1/2 - 1 Mile NW
BA339	CAOG9A000003567	1/2 - 1 Mile WNW
BA340	CAOG9A000003512	1/2 - 1 Mile WNW
BA341	CAOG9A000003579	1/2 - 1 Mile WNW
AW342	CAOG9A000003698	1/2 - 1 Mile NW
BB343	CAOG9A000003306	1/2 - 1 Mile West
AY344	CAOG9A000003488	1/2 - 1 Mile WNW
BB345	CAOG9A000003327	1/2 - 1 Mile West
BD346	CAOG9A000003373	1/2 - 1 Mile WNW
BE347	CAOG9A000003511	1/2 - 1 Mile WNW
AZ348	CAOG9A000003674	1/2 - 1 Mile NW
AY349	CAOG9A000003480	1/2 - 1 Mile WNW
AW350	CAOG9A000003697	1/2 - 1 Mile NW
BD351	CAOG9A000003414	1/2 - 1 Mile WNW
AX352	CAOG9A000003274	1/2 - 1 Mile West
BD353	CAOG9A000003374	1/2 - 1 Mile WNW
AW354	CAOG9A000003717	1/2 - 1 Mile NW
AW355	CAOG9A000003699	1/2 - 1 Mile NW
BB356	CAOG9A000003370	1/2 - 1 Mile WNW
357	CAOG9A000003730	1/2 - 1 Mile NW
AW358	CAOG9A000003714	1/2 - 1 Mile NW
BD359	CAOG9A000003397	1/2 - 1 Mile WNW
AY360	CAOG9A000003433	1/2 - 1 Mile WNW
AW361	CAOG9A000003715	1/2 - 1 Mile NW
AY362	CAOG9A000003448	1/2 - 1 Mile WNW
BB363	CAOG9A000003333	1/2 - 1 Mile West
BF364	CAOG9A000003286	1/2 - 1 Mile West
AY365	CAOG9A000003455	1/2 - 1 Mile WNW
BD366	CAOG9A000003420	1/2 - 1 Mile WNW

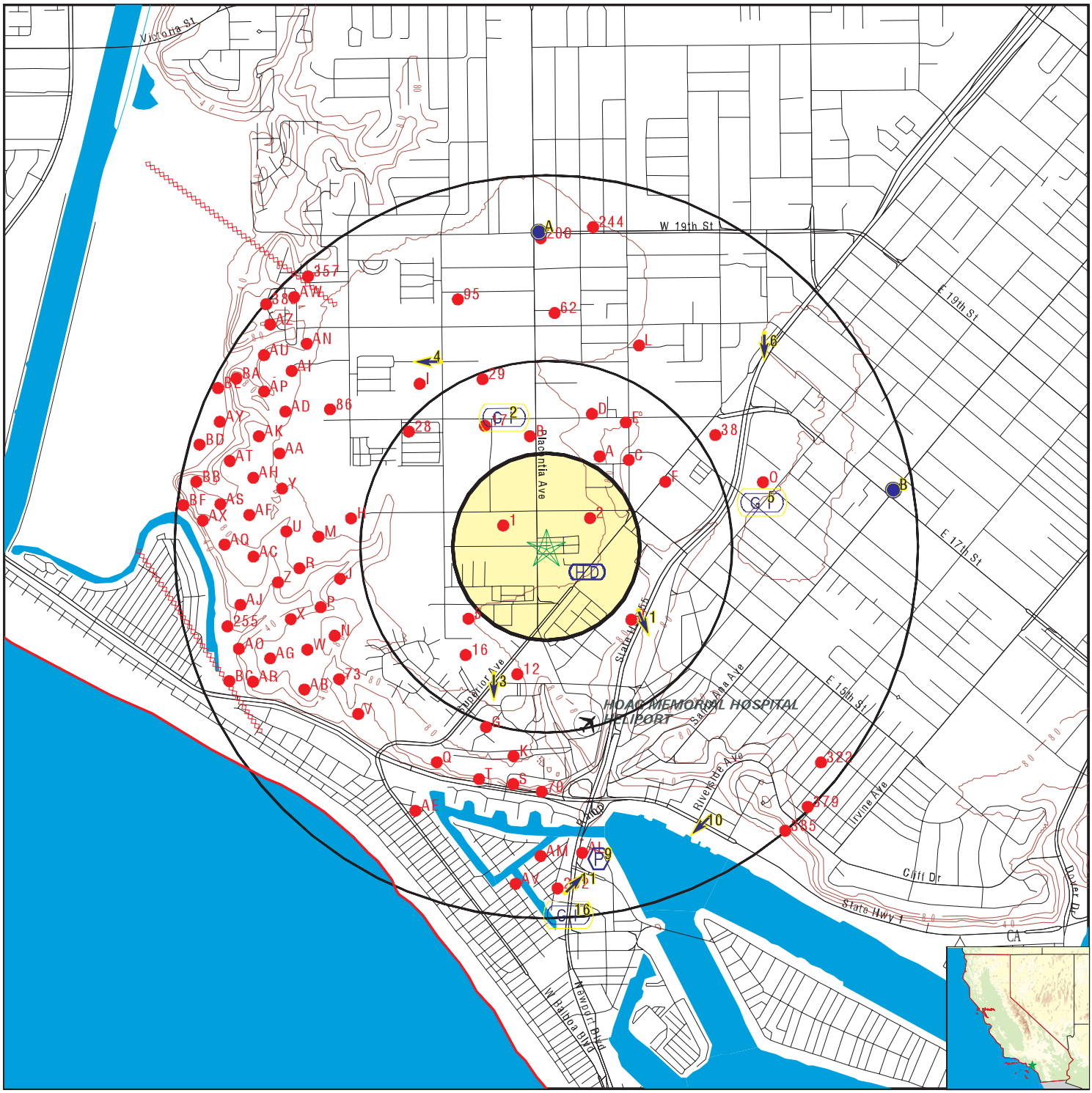
GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
BA367	CAOG9A000003593	1/2 - 1 Mile WNW
BA368	CAOG9A000003594	1/2 - 1 Mile WNW
BD369	CAOG9A000003382	1/2 - 1 Mile WNW
BB370	CAOG9A000003328	1/2 - 1 Mile West
BB371	CAOG9A000003355	1/2 - 1 Mile WNW
AZ372	CAOG9A000003683	1/2 - 1 Mile NW
BB373	CAOG9A000003326	1/2 - 1 Mile West
AZ374	CAOG9A000003667	1/2 - 1 Mile NW
BD375	CAOG9A000003436	1/2 - 1 Mile WNW
BB376	CAOG9A000003331	1/2 - 1 Mile West
BE377	CAOG9A000003524	1/2 - 1 Mile WNW
BF378	CAOG9A000003292	1/2 - 1 Mile West
379	CAOG9A000003098	1/2 - 1 Mile SE
BE380	CAOG9A000003557	1/2 - 1 Mile WNW
BD381	CAOG9A000003398	1/2 - 1 Mile WNW
BD382	CAOG9A000003391	1/2 - 1 Mile WNW
383	CAOG9A000003694	1/2 - 1 Mile NW
BD384	CAOG9A000003422	1/2 - 1 Mile WNW
385	CAOG9A000003089	1/2 - 1 Mile SE

PA2014-110

PHYSICAL SETTING SOURCE MAP - 3830898.2s



County Boundary
Major Roads
Contour Lines
Earthquake Fault Lines
Airports
Earthquake epicenter, Richter 5 or greater
Water Wells
Public Water Supply Wells
Cluster of Multiple Icons

Groundwater Flow Direction
Indeterminate Groundwater Flow at Location
Groundwater Flow Varies at Location
Closest Hydrogeological Data
Oil, gas or related wells

SITE NAME:	EBB TIDE MOBILE HOME PARK	CLIENT:	Ecobility Corporation
ADDRESS:	1560-1570 PLACENTIA AVENUE Costa Mesa CA 92627	CONTACT:	Valerie Marshall
		INQUIRY #:	3830898.2s
LAT/LONG:	33.6311 / 117.9314	DATE:	January 14, 2014 8:00 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID / Direction / Distance / Elevation			Database	EDR ID Number
1 **SE** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083000318T SSE 33.73 40.78 Not Reported 12/09/1997	**AQUIFLOW**	**33978**
2 **NNW** **1/4 - 1/2 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083001512T Not Reported Not Reported Not Reported 100 06/04/1996	**AQUIFLOW**	**69441**
3 **SSW** **1/4 - 1/2 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083000428T S 44.3 45.3 Not Reported 03/20/1997	**AQUIFLOW**	**68250**
4 **NNW** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083001460T W Not Reported Not Reported 44 03/1993	**AQUIFLOW**	**33976**
5 **ENE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083000242T Not Reported 30 40 Not Reported 02/10/1987	**AQUIFLOW**	**55029**
6 **NE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083001925T S 0.01 Not Reported Not Reported 05/23/1993	**AQUIFLOW**	**66459**
A7 **North** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083002665 NW 31 ft 32 ft Not Reported 07/12/1994	**AQUIFLOW**	**50941**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

			Database	EDR ID Number
A8 **North** **1/2 - 1 Mile** **Higher**	Site ID:	083002860T	**AQUIFLOW**	**66540**
	Groundwater Flow:	WSW		
	Shallow Water Depth:	29.89		
	Deep Water Depth:	31.34		
	Average Water Depth:	Not Reported		
	Date:	04/1999		

9
South
1/2 - 1 Mile
Lower

FRDS PWS **CA3900831**

Pwsid:	CA3900831	Epa region:	09
State:	CA	County:	Not Reported
Pws name:	ARBOR MOBILE HOME PARK		
Population Served:	340	Pwssvcconn:	173
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Private
Facility id:	1		
Facility name:	WELL #1 (DESTROYED)		
Facility type:	Well	Treatment process:	activated carbon, granular
Treatment objective:	organics removal		
Contact name:	Office		
Original name:	ARBOR MOBILE HOME PARK		
Contact phone:	Not Reported	Contact address1:	871 38TH AVE
Contact address2:	Not Reported		
Contact city:	SANTA CRUZ		
Contact zip:	95062		
Facility id:	11		
Facility name:	BETWEEN GAC FILTERS		
Facility type:	Treatment_plant	Treatment process:	activated carbon, granular
Treatment objective:	organics removal		
Facility id:	2		
Facility name:	WELL #3 (DESTROYED)		
Facility type:	Well	Treatment process:	activated carbon, granular
Treatment objective:	organics removal		
Facility id:	7		
Facility name:	WELL#4(MAIN)		
Facility type:	Well	Treatment process:	activated carbon, granular
Treatment objective:	organics removal		
Facility id:	8		
Facility name:	STANDBY WELL - ABANDONED		
Facility type:	Well	Treatment process:	activated carbon, granular
Treatment objective:	organics removal		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Facility id: CA3900831001
Facility name: WELL #1 (DESTROYED)
Facility type: Well — Treatment process: activated carbon, granular
Treatment objective: organics removal

Facility id: CA3900831002
Facility name: WELL #3 (DESTROYED)
Facility type: Well — Treatment process: activated carbon, granular
Treatment objective: organics removal

Facility id: CA3900831007
Facility name: WELL#4(MAIN)
Facility type: Well — Treatment process: activated carbon, granular
Treatment objective: organics removal

Facility id: CA3900831008
Facility name: STANDBY WELL - ABANDONED
Facility type: Well — Treatment process: activated carbon, granular
Treatment objective: organics removal

Facility id: CA3900831011
Facility name: BETWEEN GAC FILTERS
Facility type: Treatment_plant — Treatment process: activated carbon, granular
Treatment objective: organics removal

PWS ID: CA3900831
Date Initiated: Not Reported — Date Deactivated: Not Reported
PWS Name: ARBOR MOBILE HOME PARK
IRVINE, CA 92714

Addressee / Facility: System Owner/Responsible Party
NEWPORT PACIFIC CAPITAL
369 SAN MIGUEL
NEWPORT BEACH, CA 92660

Facility Latitude: 33 37 08 — Facility Longitude: 117 55 41
City Served: Not Reported
Treatment Class: Untreated — Population: 340

Violations information not reported.

ENFORCEMENT INFORMATION:

Truedate: 03/31/2009 — Pwsid: CA3900831
Pwsname: ARBOR MOBILE HOME PARK
Retpopsrvd: 340 — Pwstypecod: C
Vioid: 0200002 — Contaminant: LEAD & COPPER RULE
Viol. Type: Initial Tap Sampling for Pb and Cu
Complperbe: 4/1/2000 0:00:00
Complperen: 1/16/2002 0:00:00 — Enfdate: 1/16/2002 0:00:00
Enf action: State Violation/Reminder Notice
Violmeasur: Not Reported

Truedate: 03/31/2009 — Pwsid: CA3900831
Pwsname: ARBOR MOBILE HOME PARK
Retpopsrvd: 340 — Pwstypecod: C
Vioid: 0200002 — Contaminant: LEAD & COPPER RULE
Viol. Type: Initial Tap Sampling for Pb and Cu
Complperbe: 4/1/2000 0:00:00
Complperen: 1/16/2002 0:00:00 — Enfdate: 1/16/2002 0:00:00
Enf action: State Compliance Achieved
Violmeasur: Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Truedate:	03/31/2009	Pwsid:	CA3900831
Pwsname:	ARBOR MOBILE HOME PARK		
Retpopsrvd:	340	Pwstypecod:	C
Violid:	0200003	Contaminant:	7000
Viol. Type:	CCR Complete Failure to Report		
Complperbe:	7/1/2002 0:00:00		
Complperen:	7/1/2002 0:00:00	Enfdate:	7/1/2002 0:00:00
Enf action:	State Compliance Achieved		
Violmeasur:	Not Reported		

Truedate:	03/31/2009	Pwsid:	CA3900831
Pwsname:	ARBOR MOBILE HOME PARK		
Retpopsrvd:	340	Pwstypecod:	C
Violid:	0500004	Contaminant:	COLIFORM (TCR)
Viol. Type:	MCL, Monthly (TCR)		
Complperbe:	11/1/2004 0:00:00		
Complperen:	11/30/2004 0:00:00	Enfdate:	11/1/2004 0:00:00
Enf action:	State Public Notif Received		
Violmeasur:	Not Reported		

Truedate:	03/31/2009	Pwsid:	CA3900831
Pwsname:	ARBOR MOBILE HOME PARK		
Retpopsrvd:	340	Pwstypecod:	C
Violid:	0600005	Contaminant:	COLIFORM (TCR)
Viol. Type:	MCL, Monthly (TCR)		
Complperbe:	11/1/2005 0:00:00		
Complperen:	11/30/2005 0:00:00	Enfdate:	11/1/2005 0:00:00
Enf action:	State Public Notif Received		
Violmeasur:	Not Reported		

Truedate:	03/31/2009	Pwsid:	CA3900831
Pwsname:	ARBOR MOBILE HOME PARK		
Retpopsrvd:	340	Pwstypecod:	C
Violid:	0700006	Contaminant:	COLIFORM (TCR)
Viol. Type:	Monitoring, Routine Major (TCR)		
Complperbe:	2/1/2007 0:00:00		
Complperen:	2/28/2007 0:00:00	Enfdate:	2/1/2007 0:00:00
Enf action:	State Public Notif Requested		
Violmeasur:	Not Reported		

Truedate:	03/31/2009	Pwsid:	CA3900831
Pwsname:	ARBOR MOBILE HOME PARK		
Retpopsrvd:	340	Pwstypecod:	C
Violid:	95V0001	Contaminant:	LEAD & COPPER RULE
Viol. Type:	Initial Tap Sampling for Pb and Cu		
Complperbe:	7/1/1993 0:00:00		
Complperen:	4/4/2000 0:00:00	Enfdate:	4/4/2000 0:00:00
Enf action:	State Compliance Achieved		
Violmeasur:	0		

System Name:	ARBOR MOBILE HOME PARK		
Violation Type:	Initial Tap Sampling for Pb and Cu		
Contaminant:	LEAD & COPPER RULE		
Compliance Period:	4/1/2000 0:00:00 - 12/31/2025 0:00:00		
Violation ID:	0200001		
Enforcement Date:	1/16/2002 0:00:00	Enf. Action:	State Violation/Reminder Notice

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

ENFORCEMENT INFORMATION:

System Name:	ARBOR MOBILE HOME PARK		
Violation Type:	Initial Tap Sampling for Pb and Cu		
Contaminant:	LEAD & COPPER RULE		
Compliance Period:	04/01/00 - 12/31/25		
Violation ID:	0200001		
Enforcement Date:	01/16/02	Enf. Action:	State Violation/Reminder Notice
System Name:	ARBOR MOBILE HOME PARK		
Violation Type:	CCR Complete Failure to Report		
Contaminant:	7000		
Compliance Period:	7/1/2002 0:00:00 - 12/31/2025 0:00:00		
Violation ID:	0200003		
Enforcement Date:	No Enf Action as of	Enf. Action:	10/17/2006 0:00:00
System Name:	ARBOR MOBILE HOME PARK		
Violation Type:	CCR Complete Failure to Report		
Contaminant:	7000		
Compliance Period:	7/1/2002 0:00:00 - 12/31/2025 0:00:00		
Violation ID:	0200003		
Enforcement Date:	4/12/2007 0:00:00	Enf. Action:	Not Reported
System Name:	ARBOR MOBILE HOME PARK		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	11/1/2004 0:00:00 - 11/30/2004 0:00:00		
Violation ID:	0500004		
Enforcement Date:	11/1/2004 0:00:00	Enf. Action:	State Public Notif Received
System Name:	ARBOR MOBILE HOME PARK		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	11/01/04 - 11/30/04		
Violation ID:	0500004		
Enforcement Date:	11/01/04	Enf. Action:	State Public Notif Received
System Name:	ARBOR MOBILE HOME PARK		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	11/01/05 - 11/30/05		
Violation ID:	0600005		
Enforcement Date:	11/01/05	Enf. Action:	State Public Notif Received
System Name:	ARBOR MOBILE HOME PARK		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	11/1/2005 0:00:00 - 11/30/2005 0:00:00		
Violation ID:	0600005		
Enforcement Date:	11/1/2005 0:00:00	Enf. Action:	State Public Notif Received
System Name:	ARBOR MOBILE HOME PARK		
Violation Type:	Initial Tap Sampling for Pb and Cu		
Contaminant:	LEAD & COPPER RULE		
Compliance Period:	1993-07-01 - 2000-04-04		
Violation ID:	95V0001		
Enforcement Date:	2000-04-04	Enf. Action:	State Compliance Achieved
System Name:	ARBOR MOBILE HOME PARK		
Violation Type:	Initial Tap Sampling for Pb and Cu		
Contaminant:	LEAD & COPPER RULE		
Compliance Period:	1993-07-01 - 2000-04-04		
Violation ID:	95V0001		
Enforcement Date:	2000-04-04	Enf. Action:	State Compliance Achieved

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

ENFORCEMENT INFORMATION:

System Name:	ARBOR MOBILE HOME PARK		
Violation Type:	Initial Tap Sampling for Pb and Cu		
Contaminant:	LEAD & COPPER RULE		
Compliance Period:	7/1/1993 0:00:00 - 4/4/2000 0:00:00		
Violation ID:	95V0001		
Enforcement Date:	4/4/2000 0:00:00	Enf. Action:	State Compliance Achieved
System Name:	ARBOR MOBILE HOME PARK		
Violation Type:	Initial Tap Sampling for Pb and Cu		
Contaminant:	LEAD & COPPER RULE		
Compliance Period:	07/01/93 - 04/04/00		
Violation ID:	95V0001		
Enforcement Date:	04/04/00	Enf. Action:	State Compliance Achieved
System Name:	ARBOR MOBILE HOME PARK		
Violation Type:	Initial Tap Sampling for Pb and Cu		
Contaminant:	LEAD & COPPER RULE		
Compliance Period:	1993-07-01 - 2015-12-31		
Violation ID:	95V0001		
Enforcement Date:	Not Reported	Enf. Action:	Not Reported
System Name:	ARBOR MOBILE HOME PARK		
Violation Type:	CCR Complete Failure to Report		
Contaminant:	7000		
Compliance Period:	1999-10-19 - 2015-12-31		
Violation ID:	99V0001		
Enforcement Date:	2000-04-04	Enf. Action:	State Compliance Achieved
System Name:	ARBOR MOBILE HOME PARK		
Violation Type:	CCR Complete Failure to Report		
Contaminant:	7000		
Compliance Period:	1999-10-19 - 2015-12-31		
Violation ID:	99V0001		
Enforcement Date:	2000-04-04	Enf. Action:	State Compliance Achieved
System Name:	ARBOR MOBILE HOME PARK		
Violation Type:	CCR Complete Failure to Report		
Contaminant:	7000		
Compliance Period:	1999-10-19 - 2015-12-31		
Violation ID:	99V0001		
Enforcement Date:	Not Reported	Enf. Action:	Not Reported
System Name:	ARBOR MOBILE HOME PARK		
Violation Type:	CCR Complete Failure to Report		
Contaminant:	7000		
Compliance Period:	10/19/1999 0:00:00 - 12/31/2025 0:00:00		
Violation ID:	99V0001		
Enforcement Date:	4/12/2007 0:00:00	Enf. Action:	Not Reported
System Name:	ARBOR MOBILE HOME PARK		
Violation Type:	CCR Complete Failure to Report		
Contaminant:	7000		
Compliance Period:	10/19/1999 0:00:00 - 12/31/2025 0:00:00		
Violation ID:	99V0001		
Enforcement Date:	No Enf Action as of	Enf. Action:	10/17/2006 0:00:00
System Name:	ARBOR MOBILE HOME PARK		
Violation Type:	CCR Complete Failure to Report		
Contaminant:	7000		
Compliance Period:	1999-10-19 - 2015-12-31		
Violation ID:	99V0001		
Enforcement Date:	Not Reported	Enf. Action:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

CONTACT INFORMATION:

Name:	ARBOR MOBILE HOME PARK	Population:	340
Contact:	Office	Phone:	Not Reported
Address:	871 38TH AVE		
Address 2:	SANTA CRUZ		
	CA, 95		

10 **SSE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083000359T SW Not Reported Not Reported 10 04/14/1995	**AQUIFLOW**	**65144**
11 **South** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083000104T NE Not Reported Not Reported 4 04/16/1996	**AQUIFLOW**	**37880**
B12 **East** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083001492T WSW Not Reported Not Reported 22 10/30/1997	**AQUIFLOW**	**54974**
B13 **East** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083001492T WSW Not Reported Not Reported 22 10/30/1997	**AQUIFLOW**	**54973**
B14 **East** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083000513T Not Reported Not Reported Not Reported 27 09/30/1993	**AQUIFLOW**	**38843**
B15 **East** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083000513T Not Reported Not Reported Not Reported 27 09/30/1993	**AQUIFLOW**	**38844**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
16 **South** **1/2 - 1 Mile** **Lower**	Site ID:	083000449T	**AQUIFLOW**	**50954**
	Groundwater Flow:	Not Reported		
	Shallow Water Depth:	4.23		
	Deep Water Depth:	6.06		
	Average Water Depth:	Not Reported		
	Date:	03/1991		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

1
WNW
1/8 - 1/4 Mile

OIL_GAS **CAOG9A000003257**

Districtnu:	1	Apinumber:	05905443
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Barnhart-Morrow Consolidated		
Countyname:	Orange	Fieldname:	Newport
Areaname:	Any Area		
Section:	21		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.631933		
Glong:	-117.933407		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Carver Comm.	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000003257

2
ENE
1/8 - 1/4 Mile

OIL_GAS **CAOG9A000003272**

Districtnu:	1	Apinumber:	05905486
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Western Pacific Oil Co.		
Countyname:	Orange	Fieldname:	Newport
Areaname:	Any Area		
Section:	21		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.632221		
Glong:	-117.929357		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003272

A3
NNE
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000003365**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905511
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Sunset Pacific Oil Co.		
Countyname:	Orange	Fieldname:	Newport
Areaname:	Any Area		
Section:	21		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.634463		
Glong:	-117.929237		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Mesa	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000003365

B4
North
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000003392**

Districtnu:	1	Apinumber:	05905466
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	Interstate Oil Corp.		
Countyname:	Orange	Fieldname:	Newport
Areaname:	Any Area		
Section:	21		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.634995		
Glong:	-117.932107		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Mesa	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003392

5
SW
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000003179**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905459
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Electro-Cap Inc.		
Countyname:	Orange	Fieldname:	Newport
Areaname:	Any Area		
Section:	21		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.628288		
Glong:	-117.935034		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Coffey	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000003179

C6
NE
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000003348**

Districtnu:	1	Apinumber:	05905479
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Sunset Pacific Oil Co.		
Countyname:	Orange	Fieldname:	Newport
Areaname:	Any Area		
Section:	21		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.634066		
Glong:	-117.927871		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Mesa	Wellnumber:	6
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000003348

A7
NNE
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000003387**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905478
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Sunset Pacific Oil Co.		
Countyname:	Orange	Fieldname:	Newport
Areaname:	Any Area		
Section:	21		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.634951		
Glong:	-117.929389		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Mesa	Wellnumber:	5
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003387

A8
NE
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000003366**

Districtnu:	1	Apinumber:	05905464
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Habco Oil Co.		
Countyname:	Orange	Fieldname:	Newport
Areaname:	Any Area		
Section:	21		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.634473		
Glong:	-117.928114		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Jefferson	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000003366

9
SE
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000003178**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05921173
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Hughes Aircraft Co.		
Countyname:	Orange	Fieldname:	Newport
Areaname:	Any Area		
Section:	21		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.628251		
Glong:	-117.92743		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	HM-8
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000003178

B10
North
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000003441**

Districtnu:	1	Apinumber:	05905473
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Joseph H. Olson		
Countyname:	Orange	Fieldname:	Newport
Areaname:	Any Area		
Section:	21		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.635843		
Glong:	-117.932223		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Mesa	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003441

D11
NNE
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000003443**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905452
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Costa Mesa Oil Co.		
Countyname:	Orange	Fieldname:	Newport
Areaname:	Any Area		
Section:	21		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.63586		
Glong:	-117.929557		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Tedesco	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003443

12
SSW
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000003150**

Districtnu:	1	Apinumber:	05905448
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	James Cagney-Wm. Cagney		
Countyname:	Orange	Fieldname:	Newport
Areaname:	Any Area		
Section:	28		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.626121		
Glong:	-117.932751		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Cagney	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003150

C13
NE
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000003386**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905481
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Sunset Pacific Oil Co.		
Countyname:	Orange	Fieldname:	Newport
Areaname:	Any Area		
Section:	21		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.634914		
Glong:	-117.927225		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Strobridge B	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003386

E14
NNE **OIL_GAS** **CAOG9A000003415**
1/4 - 1/2 Mile

Districtnu:	1	Apinumber:	05905505
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Al Prisbrey		
Countyname:	Orange	Fieldname:	Newport
Areaname:	Any Area		
Section:	21		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.635429		
Glong:	-117.927952		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Jefferson	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003415

F15
NE **OIL_GAS** **CAOG9A000003343**
1/4 - 1/2 Mile

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905482
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Sunset Pacific Oil Co.		
Countyname:	Orange	Fieldname:	Newport
Areaname:	Any Area		
Section:	21		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.63403		
Glong:	-117.926223		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Strobridge B	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000003343

16
SW **OIL_GAS** **CAOG9A000003159**
1/4 - 1/2 Mile

Districtnu:	1	Apinumber:	05905461
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Gilmore & Page Trucking Co.		
Countyname:	Orange	Fieldname:	Newport
Areaname:	Any Area		
Section:	28		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.626871		
Glong:	-117.935163		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Madeline	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003159

17
NNW **OIL_GAS** **CAOG9A000003439**
1/4 - 1/2 Mile

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905467
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	Interstate Oil Corp.		
Countyname:	Orange	Fieldname:	Newport
Areaname:	Any Area		
Section:	21		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.635828		
Glong:	-117.934265		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Mesa	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003439

D18
NNE **OIL_GAS** **CAOG9A000003470**
1/4 - 1/2 Mile

Districtnu:	1	Apinumber:	05905441
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	Barnhart-Morrow Consolidated		
Countyname:	Orange	Fieldname:	Newport
Areaname:	Any Area		
Section:	21		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.636391		
Glong:	-117.930071		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003470

F19
ENE **OIL_GAS** **CAOG9A000003311**
1/4 - 1/2 Mile

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905470
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Lovelady and Christman		
Countyname:	Orange	Fieldname:	Newport
Areaname:	Any Area		
Section:	21		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.633246		
Glong:	-117.925458		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Wilson	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000003311

D20
NNE **OIL_GAS** **CAOG9A000003477**
1/4 - 1/2 Mile

Districtnu:	1	Apinumber:	05905508
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	J. J. Rekar		
Countyname:	Orange	Fieldname:	Newport
Areaname:	Any Area		
Section:	21		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.636406		
Glong:	-117.929416		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003477

E21
NNE **OIL_GAS** **CAOG9A000003440**
1/4 - 1/2 Mile

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905476
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Sunset Pacific Oil Co.		
Countyname:	Orange	Fieldname:	Newport
Areaname:	Any Area		
Section:	21		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.635837		
Glong:	-117.927884		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Mesa	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003440

D22
NNE
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000003474**

Districtnu:	1	Apinumber:	05905509
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	J. J. Rekar		
Countyname:	Orange	Fieldname:	Newport
Areaname:	Any Area		
Section:	21		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.636397		
Glong:	-117.928722		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003474

D23
NNE
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000003472**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905442
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Barnhart-Morrow Consolidated		
Countyname:	Orange	Fieldname:	Newport
Areaname:	Any Area		
Section:	21		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.636395		
Glong:	-117.928586		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003472

E24
NE
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000003435**

Districtnu:	1	Apinumber:	05905480
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Sunset Pacific Oil Co.		
Countyname:	Orange	Fieldname:	Newport
Areaname:	Any Area		
Section:	21		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.635753		
Glong:	-117.927127		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Strobridge A	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003435

E25
NNE
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000003467**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905507
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	J. J. Rekar		
Countyname:	Orange	Fieldname:	Newport
Areaname:	Any Area		
Section:	21		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.63637		
Glong:	-117.928228		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003467

E26
NNE **OIL_GAS** **CAOG9A000003469**
1/4 - 1/2 Mile

Districtnu:	1	Apinumber:	05905477
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Sunset Pacific Oil Co.		
Countyname:	Orange	Fieldname:	Newport
Areaname:	Any Area		
Section:	21		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.636388		
Glong:	-117.927236		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Mesa	Wellnumber:	4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003469

G27
SSW **OIL_GAS** **CAOG9A000003117**
1/4 - 1/2 Mile

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905449
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	James Cagney-Wm. Cagney		
Countyname:	Orange	Fieldname:	Newport
Areaname:	Any Area		
Section:	28		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.62457		
Glong:	-117.934418		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Cagney	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003117

28
NW
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000003424**

Districtnu:	1	Apinumber:	05905472
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Emil L. Menveg		
Countyname:	Orange	Fieldname:	Newport
Areaname:	Any Area		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.635598		
Glong:	-117.937813		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Menveg	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000003424

29
NNW
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000003552**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905458
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	C. B. Douglas & Mary Douglas		
Countyname:	Orange	Fieldname:	Newport
Areaname:	Any Area		
Section:	21		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.637645		
Glong:	-117.934371		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000003552

H30
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003280**

Districtnu:	1	Apinumber:	05907913
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Mobil Oil Corporation		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.632467		
Glong:	-117.940285		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Banning	Wellnumber:	201
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000003280

I31
NW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003520**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905462
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Edward L. Grafton		
Countyname:	Orange	Fieldname:	Newport
Areaname:	Any Area		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.637169		
Glong:	-117.936879		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003520

H32
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003251**

Districtnu:	1	Apinumber:	05920118
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Mobil Oil Corporation		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	98.181
Locationde:	Not Reported		
Glat:	33.631753		
Glong:	-117.940668		
Gissourcec:	gps		
Comments:	50401068.ssf		
Leasename:	Banning	Wellnumber:	164
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003251

H33
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003278**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905178
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	H. L. Hall et al		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.632406		
Glong:	-117.940585		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003278

J34
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003205**

Districtnu:	1	Apinumber:	05920117
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	90.645
Locationde:	Not Reported		
Glat:	33.630021		
Glong:	-117.940631		
Gissourcec:	gps		
Comments:	50401078.ssf		
Leasename:	Banning	Wellnumber:	163
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003205

K35
South
1/2 - 1 Mile

OIL_GAS **CAOG9A000003114**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905451
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	James Cagney-Wm. Cagney		
Countyname:	Orange	Fieldname:	Newport
Areaname:	Any Area		
Section:	28		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.623362		
Glong:	-117.932723		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Cagney	Wellnumber:	5
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003114

J36
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003201**

Districtnu:	1	Apinumber:	05920382
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	90.045
Locationde:	Not Reported		
Glat:	33.629846		
Glong:	-117.940635		
Gissourcec:	gps		
Comments:	50401078.ssf		
Leasename:	Banning	Wellnumber:	185
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003201

G37
SSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003115**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905450
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	James Cagney-Wm. Cagney		
Countyname:	Orange	Fieldname:	Newport
Areaname:	Any Area		
Section:	28		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.623537		
Glong:	-117.934001		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Cagney	Wellnumber:	4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003115

38
ENE
1/2 - 1 Mile

OIL_GAS **CAOG9A000003417**

Districtnu:	1	Apinumber:	05905483
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	TAPCO		
Countyname:	Orange	Fieldname:	Newport
Areaname:	Any Area		
Section:	21		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.635462		
Glong:	-117.923506		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Tapco	Wellnumber:	X 1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000003417

J39
WSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003190**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05900396
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	76.546
Locationde:	Not Reported		
Glat:	33.629052		
Glong:	-117.940608		
Gissourcec:	gps		
Comments:	50401078.ssf		
Leasename:	Banning	Wellnumber:	133
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003190

I40
NW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003547**

Districtnu:	1	Apinumber:	05905463
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	Edward L. Grafton		
Countyname:	Orange	Fieldname:	Newport
Areaname:	Any Area		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.63762		
Glong:	-117.937418		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003547

L41
NNE
1/2 - 1 Mile

OIL_GAS **CAOG9A000003598**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905440
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Ned Barmore		
Countyname:	Orange	Fieldname:	Newport
Areaname:	Any Area		
Section:	21		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.638487		
Glong:	-117.926974		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Collins	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000003598

J42
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003228**

Districtnu:	1	Apinumber:	05905793
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	97.393
Locationde:	Not Reported		
Glat:	33.630974		
Glong:	-117.941325		
Gissourcec:	gps		
Comments:	50401068.ssf		
Leasename:	Banning	Wellnumber:	127
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003228

I43
NW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003546**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905506
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	J. J. Rekar		
Countyname:	Orange	Fieldname:	Newport
Areaname:	Any Area		
Section:	21		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.637603		
Glong:	-117.937634		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003546

M44
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003241**

Districtnu:	1	Apinumber:	05905795
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	100.706
Locationde:	Not Reported		
Glat:	33.6314		
Glong:	-117.941488		
Gissourcec:	gps		
Comments:	50401068.ssf		
Leasename:	Banning	Wellnumber:	129
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PAI	Site id:	CAOG9A000003241

N45
WSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003171**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05900395
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	29		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	67.12
Locationde:	Not Reported		
Glat:	33.627743		
Glong:	-117.940721		
Gissourcec:	gps		
Comments:	50401078.ssf		
Leasename:	Banning	Wellnumber:	132
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003171

J46
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003199**

Districtnu:	1	Apinumber:	05907863
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	90.784
Locationde:	Not Reported		
Glat:	33.629674		
Glong:	-117.941455		
Gissourcec:	gps		
Comments:	50401078.ssf		
Leasename:	Banning	Wellnumber:	130
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PAI	Site id:	CAOG9A000003199

O47
ENE
1/2 - 1 Mile

OIL_GAS **CAOG9A000003322**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05901023
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Interstate Oil Corp.		
Countyname:	Orange	Fieldname:	Any Field
Areaname:	Any Area		
Section:	21		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.633519		
Glong:	-117.921588		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Heights	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003322

J48
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003195**

Districtnu:	1	Apinumber:	05921032
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	91.022
Locationde:	Not Reported		
Glat:	33.629546		
Glong:	-117.941481		
Gissourcec:	gps		
Comments:	50401078.ssf		
Leasename:	Banning	Wellnumber:	332
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003195

P49
WSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003187**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05920129
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	56.297
Locationde:	Not Reported		
Glat:	33.628883		
Glong:	-117.941364		
Gissourcec:	gps		
Comments:	50401078.ssf		
Leasename:	Banning	Wellnumber:	153
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PAI	Site id:	CAOG9A000003187

K50
South
1/2 - 1 Mile

OIL_GAS **CAOG9A000003109**

Districtnu:	1	Apinumber:	05920851
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Hoag Mem Hosp Presbyterian		
Countyname:	Orange	Fieldname:	Newport
Areaname:	Any Area		
Section:	28		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	25.274
Locationde:	Not Reported		
Glat:	33.622478		
Glong:	-117.933135		
Gissourcec:	gps		
Comments:	50401049.cor		
Leasename:	State Of California	Wellnumber:	5
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003109

N51
WSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003175**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05921105
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	29		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	91.774
Locationde:	Not Reported		
Glat:	33.628094		
Glong:	-117.941283		
Gissourcec:	gps		
Comments:	50401078.ssf		
Leasename:	Banning	Wellnumber:	340
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003175

M52
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003262**

Districtnu:	1	Apinumber:	05905794
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	99.792
Locationde:	Not Reported		
Glat:	33.632015		
Glong:	-117.941894		
Gissourcec:	gps		
Comments:	50401068.ssf		
Leasename:	Banning	Wellnumber:	128
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003262

M53
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003238**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05921134
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	93.882
Locationde:	Not Reported		
Glat:	33.63126		
Glong:	-117.942011		
Gissourcec:	gps		
Comments:	50401068.ssf		
Leasename:	Banning	Wellnumber:	341
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003238

P54
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003192**

Districtnu:	1	Apinumber:	05905797
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	88.274
Locationde:	Not Reported		
Glat:	33.62936		
Glong:	-117.941887		
Gissourcec:	gps		
Comments:	50401078.ssf		
Leasename:	Banning	Wellnumber:	140
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003192

Q55
SSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003111**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905465
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Exxon Mobil Corporation		
Countyname:	Orange	Fieldname:	Newport
Areaname:	Any Area		
Section:	28		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.623009		
Glong:	-117.936189		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Newport	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000003111

L56
NNE **OIL_GAS** **CAOG9A000003649**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	05905468
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Jergins Oil Co.		
Countyname:	Orange	Fieldname:	Newport
Areaname:	Any Area		
Section:	21		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.639436		
Glong:	-117.927163		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000003649

N57
WSW **OIL_GAS** **CAOG9A000003169**
1/2 - 1 Mile

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905937
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Mesa Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	29		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	92.151
Locationde:	Not Reported		
Glat:	33.627612		
Glong:	-117.94144		
Gissourcec:	gps		
Comments:	50401078.ssf		
Leasename:	Mesa	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000003169

O58
ENE
1/2 - 1 Mile

OIL_GAS **CAOG9A000003330**

Districtnu:	1	Apinumber:	05901024
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Interstate Oil Corp.		
Countyname:	Orange	Fieldname:	Any Field
Areaname:	Any Area		
Section:	21		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.633724		
Glong:	-117.920981		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Heights	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003330

M59
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003244**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05920816
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	94.141
Locationde:	Not Reported		
Glat:	33.631441		
Glong:	-117.942273		
Gissourcec:	gps		
Comments:	50401068.ssf		
Leasename:	Banning	Wellnumber:	429
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003244

M60
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003263**

Districtnu:	1	Apinumber:	05905792
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	97.796
Locationde:	Not Reported		
Glat:	33.632018		
Glong:	-117.942228		
Gissourcec:	gps		
Comments:	50401068.ssf		
Leasename:	Banning	Wellnumber:	126
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003263

M61
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003224**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905912
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	89.752
Locationde:	Not Reported		
Glat:	33.63083		
Glong:	-117.942309		
Gissourcec:	gps		
Comments:	50401068.ssf		
Leasename:	Banning	Wellnumber:	314-B
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003224

62
North
1/2 - 1 Mile

OIL_GAS **CAOG9A000003678**

Districtnu:	1	Apinumber:	05905469
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	Jordan & Maney		
Countyname:	Orange	Fieldname:	Newport
Areaname:	Any Area		
Section:	21		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.640232		
Glong:	-117.931008		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Costa Mesa	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003678

R63
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003212**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05920381
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	72.693
Locationde:	Not Reported		
Glat:	33.630406		
Glong:	-117.942301		
Gissourcec:	gps		
Comments:	50401068.ssf		
Leasename:	Banning	Wellnumber:	184
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003212

S64
South
1/2 - 1 Mile

OIL_GAS **CAOG9A000003105**

Districtnu:	1	Apinumber:	05921403
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Hoag Mem Hosp Presbyterian		
Countyname:	Orange	Fieldname:	Newport
Areaname:	Any Area		
Section:	28		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	19.386
Locationde:	Not Reported		
Glat:	33.621961		
Glong:	-117.933054		
Gissourcec:	gps		
Comments:	50408179.ssf		
Leasename:	State Of California	Wellnumber:	6
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003105

P65
WSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003185**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05900004
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Mobil Oil Corporation		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	75.258
Locationde:	Not Reported		
Glat:	33.628499		
Glong:	-117.942143		
Gissourcec:	gps		
Comments:	50401078.ssf		
Leasename:	Banning	Wellnumber:	131
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003185

T66
SSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003107**

Districtnu:	1	Apinumber:	05921409
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Hoag Mem Hosp Presbyterian		
Countyname:	Orange	Fieldname:	Newport
Areaname:	Any Area		
Section:	28		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	19.57
Locationde:	Not Reported		
Glat:	33.622099		
Glong:	-117.934571		
Gissourcec:	gps		
Comments:	50401049.cor		
Leasename:	State Of California	Wellnumber:	7
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003107

S67
South
1/2 - 1 Mile

OIL_GAS **CAOG9A000003101**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05920846
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Hoag Mem Hosp Presbyterian		
Countyname:	Orange	Fieldname:	Newport
Areaname:	Any Area		
Section:	28		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.621704		
Glong:	-117.932833		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	State Of California	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003101

N68
WSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003164**

Districtnu:	1	Apinumber:	05905771
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	29		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	80.17
Locationde:	Not Reported		
Glat:	33.627054		
Glong:	-117.94166		
Gissourcec:	gps		
Comments:	50401078.ssf		
Leasename:	Banning	Wellnumber:	102
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003164

T69
SSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003104**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05920849
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Hoag Mem Hosp Presbyterian		
Countyname:	Orange	Fieldname:	Newport
Areaname:	Any Area		
Section:	28		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.621956		
Glong:	-117.934502		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	State Of California	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003104

70
South
1/2 - 1 Mile

OIL_GAS **CAOG9A000003100**

Districtnu:	1	Apinumber:	05920847
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	City of Newport Beach		
Countyname:	Orange	Fieldname:	Newport
Areaname:	Any Area		
Section:	28		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.621528		
Glong:	-117.931612		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	State Of Calfornia	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000003100

P71
WSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003177**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905913
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	76.178
Locationde:	Not Reported		
Glat:	33.628222		
Glong:	-117.942318		
Gissourcec:	gps		
Comments:	50401078.ssf		
Leasename:	Banning	Wellnumber:	315
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003177

R72
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003203**

Districtnu:	1	Apinumber:	05920031
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	75.795
Locationde:	Not Reported		
Glat:	33.629951		
Glong:	-117.94277		
Gissourcec:	gps		
Comments:	50401068.ssf		
Leasename:	Banning	Wellnumber:	151
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PAI	Site id:	CAOG9A000003203

73
WSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003144**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905911
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	29		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	69.929
Locationde:	Not Reported		
Glat:	33.625928		
Glong:	-117.941066		
Gissourcec:	gps		
Comments:	50401078.ssf		
Leasename:	Banning	Wellnumber:	313
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003144

U74
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003243**

Districtnu:	1	Apinumber:	05900397
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Mobil Oil Corporation		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	89.89
Locationde:	Not Reported		
Glat:	33.631429		
Glong:	-117.942948		
Gissourcec:	gps		
Comments:	50401068.ssf		
Leasename:	Banning	Wellnumber:	136
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PAI	Site id:	CAOG9A000003243

U75
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003249**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05920815
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	94.889
Locationde:	Not Reported		
Glat:	33.631702		
Glong:	-117.942943		
Gissourcec:	gps		
Comments:	50401068.ssf		
Leasename:	Banning	Wellnumber:	136-R
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PAI	Site id:	CAOG9A000003249

U76
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003283**

Districtnu:	1	Apinumber:	05920380
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	90.54
Locationde:	Not Reported		
Glat:	33.632516		
Glong:	-117.942911		
Gissourcec:	gps		
Comments:	50401068.ssf		
Leasename:	Banning	Wellnumber:	183
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003283

V77
SW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003116**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905460
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	T. F. Gesell		
Countyname:	Orange	Fieldname:	Newport
Areaname:	Any Area		
Section:	29		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.624303		
Glong:	-117.93976		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003116

R78
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003206**

Districtnu:	1	Apinumber:	05901915
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	76.198
Locationde:	Not Reported		
Glat:	33.630107		
Glong:	-117.943039		
Gissourcec:	gps		
Comments:	50401068.ssf		
Leasename:	Banning	Wellnumber:	138
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003206

R79
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003194**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05920383
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	61.925
Locationde:	Not Reported		
Glat:	33.629487		
Glong:	-117.942953		
Gissourcec:	gps		
Comments:	50401068.ssf		
Leasename:	Banning	Wellnumber:	186
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003194

Q80
SSW **OIL_GAS** **CAOG9A000003108**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	05920850
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	City of Newport Beach		
Countyname:	Orange	Fieldname:	Newport
Areaname:	Any Area		
Section:	28		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.622354		
Glong:	-117.936824		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	State Of California	Wellnumber:	4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003108

W81
WSW **OIL_GAS** **CAOG9A000003161**
1/2 - 1 Mile

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905906
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	29		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	74.096
Locationde:	Not Reported		
Glat:	33.626997		
Glong:	-117.942132		
Gissourcec:	gps		
Comments:	50401078.ssf		
Leasename:	Banning	Wellnumber:	304
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003161

R82
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003220**

Districtnu:	1	Apinumber:	05921062
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	86.901
Locationde:	Not Reported		
Glat:	33.630727		
Glong:	-117.943201		
Gissourcec:	gps		
Comments:	50401068.ssf		
Leasename:	Banning	Wellnumber:	137R-2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003220

V83
SW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003118**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905915
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	29		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	65.315
Locationde:	Not Reported		
Glat:	33.624834		
Glong:	-117.940594		
Gissourcec:	gps		
Comments:	50401078.ssf		
Leasename:	Banning	Wellnumber:	320-R
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003118

R84
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003225**

Districtnu:	1	Apinumber:	05905796
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Mobil Oil Corporation		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	85.764
Locationde:	Not Reported		
Glat:	33.630873		
Glong:	-117.943264		
Gissourcec:	gps		
Comments:	50401068.ssf		
Leasename:	Banning	Wellnumber:	137
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003225

X85
WSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003182**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05920130
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	63.942
Locationde:	Not Reported		
Glat:	33.628339		
Glong:	-117.942854		
Gissourcec:	gps		
Comments:	50401078.ssf		
Leasename:	Banning	Wellnumber:	154
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PAI	Site id:	CAOG9A000003182

86
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003482**

Districtnu:	1	Apinumber:	05905160
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Elliott & Classen		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.636468		
Glong:	-117.941492		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Ikeda	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000003482

W87
WSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003172**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05920384
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Mobil Oil Corporation		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	29		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	68.035
Locationde:	Not Reported		
Glat:	33.627802		
Glong:	-117.942759		
Gissourcec:	gps		
Comments:	50401078.ssf		
Leasename:	Banning	Wellnumber:	187
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003172

Y88
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003295**

Districtnu:	1	Apinumber:	05905735
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	90.414
Locationde:	Not Reported		
Glat:	33.632958		
Glong:	-117.943287		
Gissourcec:	gps		
Comments:	50401088.ssf		
Leasename:	Banning	Wellnumber:	58
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003295

U89
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003231**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05920820
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Mobil Oil Corporation		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	84.244
Locationde:	Not Reported		
Glat:	33.631058		
Glong:	-117.943521		
Gissourcec:	gps		
Comments:	50401068.ssf		
Leasename:	Banning	Wellnumber:	137-R
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003231

Y90
WNW **OIL_GAS** **CAOG9A000003342**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	05905736
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Mobil Oil Corporation		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	100.485
Locationde:	Not Reported		
Glat:	33.634027		
Glong:	-117.943013		
Gissourcec:	gps		
Comments:	50401128.ssf		
Leasename:	Banning	Wellnumber:	59
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000003342

U91
West **OIL_GAS** **CAOG9A000003267**
1/2 - 1 Mile

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05920460
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	78.688
Locationde:	Not Reported		
Glat:	33.632116		
Glong:	-117.94347		
Gissourcec:	gps		
Comments:	50401068.ssf		
Leasename:	Banning	Wellnumber:	125-R
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003267

U92
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003265**

Districtnu:	1	Apinumber:	05905791
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Mobil Oil Corporation		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	78.906
Locationde:	Not Reported		
Glat:	33.632073		
Glong:	-117.943502		
Gissourcec:	gps		
Comments:	50401068.ssf		
Leasename:	Banning	Wellnumber:	125
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003265

U93
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003237**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05921029
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	86.072
Locationde:	Not Reported		
Glat:	33.631241		
Glong:	-117.943575		
Gissourcec:	gps		
Comments:	50401068.ssf		
Leasename:	Banning	Wellnumber:	329
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003237

Z94
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003196**

Districtnu:	1	Apinumber:	05921031
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	62.182
Locationde:	Not Reported		
Glat:	33.629549		
Glong:	-117.943522		
Gissourcec:	gps		
Comments:	50408179.ssf		
Leasename:	Banning	Wellnumber:	331
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003196

95
NNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003704**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905510
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Signal Petroleum Company of California, Ltd.		
Countyname:	Orange	Fieldname:	Newport
Areaname:	Any Area		
Section:	21		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.640761		
Glong:	-117.935527		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kraft	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000003704

Z96
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003193**

Districtnu:	1	Apinumber:	05920218
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	59.203
Locationde:	Not Reported		
Glat:	33.629368		
Glong:	-117.943547		
Gissourcec:	gps		
Comments:	50401068.ssf		
Leasename:	Banning	Wellnumber:	119-R
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003193

Z97
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003204**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05920405
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	69.275
Locationde:	Not Reported		
Glat:	33.630021		
Glong:	-117.943672		
Gissourcec:	gps		
Comments:	50401068.ssf		
Leasename:	Banning	Wellnumber:	152-R
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PAI	Site id:	CAOG9A000003204

Z98
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003207**

Districtnu:	1	Apinumber:	05920032
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Mobil Oil Corporation		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	73.391
Locationde:	Not Reported		
Glat:	33.630168		
Glong:	-117.943699		
Gissourcec:	gps		
Comments:	50401068.ssf		
Leasename:	Banning	Wellnumber:	152
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003207

Z99
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003191**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905786
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Mobil Oil Corporation		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	58.176
Locationde:	Not Reported		
Glat:	33.629309		
Glong:	-117.94361		
Gissourcec:	gps		
Comments:	50401068.ssf		
Leasename:	Banning	Wellnumber:	119
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003191

Y100
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003314**

Districtnu:	1	Apinumber:	05920754
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	99.412
Locationde:	Not Reported		
Glat:	33.633379		
Glong:	-117.943526		
Gissourcec:	gps		
Comments:	50401128.ssf		
Leasename:	Banning	Wellnumber:	419
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003314

Y101
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003337**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905790
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Mobil Oil Corporation		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	95.11
Locationde:	Not Reported		
Glat:	33.633907		
Glong:	-117.943371		
Gissourcec:	gps		
Comments:	50401128.ssf		
Leasename:	Banning	Wellnumber:	124
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003337

AA102
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003364**

Districtnu:	1	Apinumber:	05920748
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	104.381
Locationde:	Not Reported		
Glat:	33.634459		
Glong:	-117.943271		
Gissourcec:	gps		
Comments:	50401128.ssf		
Leasename:	Banning	Wellnumber:	413
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003364

X103
WSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003180**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05920116
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	63.657
Locationde:	Not Reported		
Glat:	33.628305		
Glong:	-117.943494		
Gissourcec:	gps		
Comments:	50401078.ssf		
Leasename:	Banning	Wellnumber:	147
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003180

Z104
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003198**

Districtnu:	1	Apinumber:	05920821
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	58.581
Locationde:	Not Reported		
Glat:	33.629611		
Glong:	-117.943829		
Gissourcec:	gps		
Comments:	50401068.ssf		
Leasename:	Banning	Wellnumber:	430
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003198

Y105
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003284**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905789
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	97.539
Locationde:	Not Reported		
Glat:	33.632549		
Glong:	-117.943853		
Gissourcec:	gps		
Comments:	50401088.ssf		
Leasename:	Banning	Wellnumber:	123
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AWF	Site id:	CAOG9A000003284

AA106
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003399**

Districtnu:	1	Apinumber:	05920749
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	105.059
Locationde:	Not Reported		
Glat:	33.6351		
Glong:	-117.943072		
Gissourcec:	gps		
Comments:	50401128.ssf		
Leasename:	Banning	Wellnumber:	414
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003399

U107
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003242**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905754
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	68.465
Locationde:	Not Reported		
Glat:	33.631425		
Glong:	-117.94403		
Gissourcec:	gps		
Comments:	50401068.ssf		
Leasename:	Banning	Wellnumber:	78
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003242

W108
WSW **OIL_GAS** **CAOG9A000003155**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	05905905
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	29		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	67.764
Locationde:	Not Reported		
Glat:	33.62644		
Glong:	-117.942761		
Gissourcec:	gps		
Comments:	50401078.ssf		
Leasename:	Banning	Wellnumber:	303
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003155

Y109
WNW **OIL_GAS** **CAOG9A000003338**
1/2 - 1 Mile

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05920193
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	96.123
Locationde:	Not Reported		
Glat:	33.633909		
Glong:	-117.943624		
Gissourcec:	gps		
Comments:	50408179.ssf		
Leasename:	Banning	Wellnumber:	124-R
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003338

X110
WSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003176**

Districtnu:	1	Apinumber:	05905914
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	29		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	60.297
Locationde:	Not Reported		
Glat:	33.628182		
Glong:	-117.943613		
Gissourcec:	gps		
Comments:	50401078.ssf		
Leasename:	Banning	Wellnumber:	316
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003176

U111
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003260**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05920753
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	75.931
Locationde:	Not Reported		
Glat:	33.631984		
Glong:	-117.944135		
Gissourcec:	gps		
Comments:	50401068.ssf		
Leasename:	Banning	Wellnumber:	418
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003260

AB112
WSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003145**

Districtnu:	1	Apinumber:	05905770
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Mobil Oil Corporation		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	29		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	71.276
Locationde:	Not Reported		
Glat:	33.625932		
Glong:	-117.942696		
Gissourcec:	gps		
Comments:	50401078.ssf		
Leasename:	Banning	Wellnumber:	101
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000003145

Y113
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003308**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05920301
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	98.466
Locationde:	Not Reported		
Glat:	33.633201		
Glong:	-117.944036		
Gissourcec:	gps		
Comments:	50401088.ssf		
Leasename:	Banning	Wellnumber:	220
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003308

U114
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003245**

Districtnu:	1	Apinumber:	05905784
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	69.157
Locationde:	Not Reported		
Glat:	33.631461		
Glong:	-117.944279		
Gissourcec:	gps		
Comments:	50401068.ssf		
Leasename:	Banning	Wellnumber:	116
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003245

AA115
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003352**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05920583
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	94.401
Locationde:	Not Reported		
Glat:	33.634197		
Glong:	-117.943797		
Gissourcec:	gps		
Comments:	50401128.ssf		
Leasename:	Banning	Wellnumber:	233
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003352

AB116
WSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003139**

Districtnu:	1	Apinumber:	05905817
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Nuoil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	29		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.625807		
Glong:	-117.942723		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000003139

AC117
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003218**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905757
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	60.696
Locationde:	Not Reported		
Glat:	33.630665		
Glong:	-117.944384		
Gissourcec:	gps		
Comments:	50401068.ssf		
Leasename:	Mesa	Wellnumber:	1R
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	7105	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003218

AB118
WSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003120**

Districtnu:	1	Apinumber:	05905917
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	29		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	74.363
Locationde:	Not Reported		
Glat:	33.625296		
Glong:	-117.942434		
Gissourcec:	gps		
Comments:	50401049.cor		
Leasename:	Banning	Wellnumber:	322
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003120

AA119
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003411**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05920580
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	99.152
Locationde:	Not Reported		
Glat:	33.635386		
Glong:	-117.943406		
Gissourcec:	gps		
Comments:	50401128.ssf		
Leasename:	Banning	Wellnumber:	234
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003411

AA120
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003403**

Districtnu:	1	Apinumber:	05900377
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Mobil Oil Corporation		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	101.672
Locationde:	Not Reported		
Glat:	33.635178		
Glong:	-117.943514		
Gissourcec:	gps		
Comments:	50401128.ssf		
Leasename:	Banning	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000003403

AD121
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003450**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905762
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	104.235
Locationde:	Not Reported		
Glat:	33.635973		
Glong:	-117.94309		
Gissourcec:	gps		
Comments:	50401128.ssf		
Leasename:	Banning	Wellnumber:	88
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003450

AE122
SSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003099**

Districtnu:	1	Apinumber:	05905502
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	City of Newport Beach		
Countyname:	Orange	Fieldname:	Newport
Areaname:	Any Area		
Section:	28		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.621354		
Glong:	-117.937339		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	5
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003099

AB123
WSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003121**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905919
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	29		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	70.88
Locationde:	Not Reported		
Glat:	33.625343		
Glong:	-117.942586		
Gissourcec:	gps		
Comments:	50401049.cor		
Leasename:	Banning	Wellnumber:	324
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003121

AA124
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003393**

Districtnu:	1	Apinumber:	05921253
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.635		
Glong:	-117.9437		
Gissourcec:	gps		
Comments:	Not Reported		
Leasename:	Banning	Wellnumber:	434
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003393

Y125
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003310**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05920256
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	99.413
Locationde:	Not Reported		
Glat:	33.63321		
Glong:	-117.944319		
Gissourcec:	gps		
Comments:	50401088.ssf		
Leasename:	Banning	Wellnumber:	168
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PAI	Site id:	CAOG9A000003310

AB126
WSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003123**

Districtnu:	1	Apinumber:	05905916
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	29		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	69.022
Locationde:	Not Reported		
Glat:	33.625396		
Glong:	-117.942731		
Gissourcec:	gps		
Comments:	50401049.cor		
Leasename:	Banning	Wellnumber:	321
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003123

AF127
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003271**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05920577
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	92.925
Locationde:	Not Reported		
Glat:	33.632188		
Glong:	-117.94458		
Gissourcec:	gps		
Comments:	50401088.ssf		
Leasename:	Banning	Wellnumber:	224
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003271

AG128
WSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003160**

Districtnu:	1	Apinumber:	05921034
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	64.039
Locationde:	Not Reported		
Glat:	33.62688		
Glong:	-117.943706		
Gissourcec:	gps		
Comments:	50401078.ssf		
Leasename:	Banning	Wellnumber:	334
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003160

AA129
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003347**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05921107
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	104.342
Locationde:	Not Reported		
Glat:	33.634065		
Glong:	-117.944324		
Gissourcec:	gps		
Comments:	50401088.ssf		
Leasename:	Banning	Wellnumber:	443
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AWF	Site id:	CAOG9A000003347

Y130
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003309**

Districtnu:	1	Apinumber:	05905734
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	96.012
Locationde:	Not Reported		
Glat:	33.633208		
Glong:	-117.944567		
Gissourcec:	gps		
Comments:	50401088.ssf		
Leasename:	Banning	Wellnumber:	57
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003309

Z131
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003202**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05921030
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	62.651
Locationde:	Not Reported		
Glat:	33.629947		
Glong:	-117.944751		
Gissourcec:	gps		
Comments:	50401068.ssf		
Leasename:	Banning	Wellnumber:	330
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003202

AA132
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003354**

Districtnu:	1	Apinumber:	05900385
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Mobil Oil Corporation		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	98.998
Locationde:	Not Reported		
Glat:	33.634276		
Glong:	-117.944277		
Gissourcec:	gps		
Comments:	50401088.ssf		
Leasename:	Banning	Wellnumber:	56
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003354

Z133
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003200**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905760
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.629689		
Glong:	-117.944731		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Banning	Wellnumber:	84
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003200

AB134
WSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003122**

Districtnu:	1	Apinumber:	05905918
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	29		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	67.266
Locationde:	Not Reported		
Glat:	33.625381		
Glong:	-117.942973		
Gissourcec:	gps		
Comments:	50401049.cor		
Leasename:	Banning	Wellnumber:	323
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003122

AD135
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003428**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05920722
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.635668		
Glong:	-117.943685		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Banning	Wellnumber:	401
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PAI	Site id:	CAOG9A000003428

AH136
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003323**

Districtnu:	1	Apinumber:	05920959
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	99.454
Locationde:	Not Reported		
Glat:	33.63353		
Glong:	-117.944527		
Gissourcec:	gps		
Comments:	50401088.ssf		
Leasename:	Banning	Wellnumber:	428
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003323

AD137
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003510**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905761
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	100.485
Locationde:	Not Reported		
Glat:	33.636984		
Glong:	-117.942877		
Gissourcec:	gps		
Comments:	50401128.ssf		
Leasename:	Banning	Wellnumber:	87
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003510

AD138
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003461**

Districtnu:	1	Apinumber:	05920766
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	100.518
Locationde:	Not Reported		
Glat:	33.636212		
Glong:	-117.943398		
Gissourcec:	gps		
Comments:	50401128.ssf		
Leasename:	Banning	Wellnumber:	271
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003461

AF139
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003269**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905745
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	90.274
Locationde:	Not Reported		
Glat:	33.632125		
Glong:	-117.944847		
Gissourcec:	gps		
Comments:	50401088.ssf		
Leasename:	Banning	Wellnumber:	69
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003269

AC140
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003227**

Districtnu:	1	Apinumber:	05905749
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	76
Locationde:	Not Reported		
Glat:	33.630945		
Glong:	-117.944911		
Gissourcec:	gps		
Comments:	50401068.ssf		
Leasename:	Banning	Wellnumber:	73-R
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003227

AA141
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003358**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05900386
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Mobil Oil Corporation		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	97.497
Locationde:	Not Reported		
Glat:	33.634419		
Glong:	-117.944341		
Gissourcec:	gps		
Comments:	50401088.ssf		
Leasename:	Banning	Wellnumber:	56-R
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003358

AD142
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003487**

Districtnu:	1	Apinumber:	05921617
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	N
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.636553		
Glong:	-117.943281		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Banning	Wellnumber:	801
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	NOG	Site id:	CAOG9A000003487

AF143
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003299**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05921298
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	99.029
Locationde:	Not Reported		
Glat:	33.633077		
Glong:	-117.944752		
Gissourcec:	gps		
Comments:	50401088.ssf		
Leasename:	Banning	Wellnumber:	458
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003299

AA144
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003371**

Districtnu:	1	Apinumber:	05920620
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	98.24
Locationde:	Not Reported		
Glat:	33.634562		
Glong:	-117.944316		
Gissourcec:	gps		
Comments:	50401088.ssf		
Leasename:	Banning	Wellnumber:	56-R2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PWF	Site id:	CAOG9A000003371

AA145
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003408**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905738
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	95.193
Locationde:	Not Reported		
Glat:	33.635345		
Glong:	-117.943984		
Gissourcec:	gps		
Comments:	50401128.ssf		
Leasename:	Banning	Wellnumber:	61
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003408

AC146
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003211**

Districtnu:	1	Apinumber:	05920757
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	72.506
Locationde:	Not Reported		
Glat:	33.630394		
Glong:	-117.944952		
Gissourcec:	gps		
Comments:	50401068.ssf		
Leasename:	Banning	Wellnumber:	166-R
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003211

AA147
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003389**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05920669
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	101.575
Locationde:	Not Reported		
Glat:	33.634966		
Glong:	-117.944211		
Gissourcec:	gps		
Comments:	50401128.ssf		
Leasename:	Banning	Wellnumber:	251
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003389

AD148
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003493**

Districtnu:	1	Apinumber:	05921042
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	99.896
Locationde:	Not Reported		
Glat:	33.636686		
Glong:	-117.943278		
Gissourcec:	gps		
Comments:	50401128.ssf		
Leasename:	Banning	Wellnumber:	291
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003493

AC149
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003213**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05920147
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	71.033
Locationde:	Not Reported		
Glat:	33.630446		
Glong:	-117.945038		
Gissourcec:	gps		
Comments:	50401068.ssf		
Leasename:	Banning	Wellnumber:	166
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003213

AG150
WSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003166**

Districtnu:	1	Apinumber:	05900217
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	29		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	64.375
Locationde:	Not Reported		
Glat:	33.627304		
Glong:	-117.944323		
Gissourcec:	gps		
Comments:	50401078.ssf		
Leasename:	Banning	Wellnumber:	141
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003166

AH151
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003344**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05920607
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	99.067
Locationde:	Not Reported		
Glat:	33.634033		
Glong:	-117.94464		
Gissourcec:	gps		
Comments:	50401088.ssf		
Leasename:	Banning	Wellnumber:	243
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003344

AD152
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003496**

Districtnu:	1	Apinumber:	05921615
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.636771		
Glong:	-117.943307		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Banning	Wellnumber:	480
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	3240	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003496

AF153
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003293**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05920605
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	97.121
Locationde:	Not Reported		
Glat:	33.63289		
Glong:	-117.944939		
Gissourcec:	gps		
Comments:	50401088.ssf		
Leasename:	Banning	Wellnumber:	241
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PSF	Site id:	CAOG9A000003293

AE154
SSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003097**

Districtnu:	1	Apinumber:	05905471
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Fred D. McMillen		
Countyname:	Orange	Fieldname:	Newport
Areaname:	Any Area		
Section:	28		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.620878		
Glong:	-117.937626		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003097

AC155
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003240**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05920578
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	81.332
Locationde:	Not Reported		
Glat:	33.631324		
Glong:	-117.945116		
Gissourcec:	gps		
Comments:	50401068.ssf		
Leasename:	Banning	Wellnumber:	231
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PWF	Site id:	CAOG9A000003240

AC156
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003232**

Districtnu:	1	Apinumber:	05900390
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Mobil Oil Corporation		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	74.699
Locationde:	Not Reported		
Glat:	33.631059		
Glong:	-117.945142		
Gissourcec:	gps		
Comments:	50401068.ssf		
Leasename:	Banning	Wellnumber:	73
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003232

AD157
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003495**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05921621
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.636695		
Glong:	-117.943419		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Banning	Wellnumber:	580
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	3081	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003495

AI158
NW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003548**

Districtnu:	1	Apinumber:	05905489
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Barto Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.637627		
Glong:	-117.942743		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Hirata	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003548

AD159
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003453**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05920242
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.636041		
Glong:	-117.943993		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Banning	Wellnumber:	67-R
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003453

AG160
WSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003156**

Districtnu:	1	Apinumber:	05920110
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	29		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	66.958
Locationde:	Not Reported		
Glat:	33.626582		
Glong:	-117.944221		
Gissourcec:	gps		
Comments:	50401049.cor		
Leasename:	Banning	Wellnumber:	96
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003156

AC161
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003210**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905759
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	65.497
Locationde:	Not Reported		
Glat:	33.63039		
Glong:	-117.945313		
Gissourcec:	gps		
Comments:	50401068.ssf		
Leasename:	Banning	Wellnumber:	83
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003210

AD162
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003494**

Districtnu:	1	Apinumber:	05905733
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	93.539
Locationde:	Not Reported		
Glat:	33.636688		
Glong:	-117.943638		
Gissourcec:	gps		
Comments:	50401128.ssf		
Leasename:	Banning	Wellnumber:	55
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003494

AJ163
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003188**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905773
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	47.116
Locationde:	Not Reported		
Glat:	33.628956		
Glong:	-117.945124		
Gissourcec:	gps		
Comments:	50401068.ssf		
Leasename:	Banning	Wellnumber:	104
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003188

AE164
SSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003096**

Districtnu:	1	Apinumber:	05905475
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	City of Newport Beach		
Countyname:	Orange	Fieldname:	Newport
Areaname:	Any Area		
Section:	29		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.620804		
Glong:	-117.938		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003096

AK165
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003413**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05921295
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	95.041
Locationde:	Not Reported		
Glat:	33.635417		
Glong:	-117.944388		
Gissourcec:	gps		
Comments:	50401128.ssf		
Leasename:	Banning	Wellnumber:	111-R
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003413

AD166
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003451**

Districtnu:	1	Apinumber:	05921104
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	92.537
Locationde:	Not Reported		
Glat:	33.635995		
Glong:	-117.944105		
Gissourcec:	gps		
Comments:	50401128.ssf		
Leasename:	Banning	Wellnumber:	249
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003451

AE167
SSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003095**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905474
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Orange County Refining Co.		
Countyname:	Orange	Fieldname:	Newport
Areaname:	Any Area		
Section:	28		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.620561		
Glong:	-117.937497		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003095

AI168
NW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003573**

Districtnu:	1	Apinumber:	05905496
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	General Crude Oil Co., Oper.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.638042		
Glong:	-117.942678		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Walters (b)	Wellnumber:	26
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003573

AH169
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003345**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05920775
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	98.714
Locationde:	Not Reported		
Glat:	33.634047		
Glong:	-117.94497		
Gissourcec:	gps		
Comments:	50401088.ssf		
Leasename:	Banning	Wellnumber:	273
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003345

AL170
South
1/2 - 1 Mile

OIL_GAS **CAOG9A000003088**

Districtnu:	1	Apinumber:	05905504
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Pasadena Oil Co.		
Countyname:	Orange	Fieldname:	Newport
Areaname:	Any Area		
Section:	28		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.619461		
Glong:	-117.929663		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003088

AG171
WSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003151**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905907
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	29		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	64.245
Locationde:	Not Reported		
Glat:	33.626126		
Glong:	-117.944102		
Gissourcec:	gps		
Comments:	50401049.cor		
Leasename:	Banning	Wellnumber:	305
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003151

AF172
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003289**

Districtnu:	1	Apinumber:	05921038
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	87.653
Locationde:	Not Reported		
Glat:	33.6327		
Glong:	-117.945311		
Gissourcec:	gps		
Comments:	50401088.ssf		
Leasename:	Banning	Wellnumber:	82-R
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003289

AK173
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003388**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05921012
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	87.22
Locationde:	Not Reported		
Glat:	33.634961		
Glong:	-117.944673		
Gissourcec:	gps		
Comments:	50401128.ssf		
Leasename:	Banning	Wellnumber:	100-R
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PWF	Site id:	CAOG9A000003388

AH174
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003315**

Districtnu:	1	Apinumber:	05921106
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	91.697
Locationde:	Not Reported		
Glat:	33.633387		
Glong:	-117.945193		
Gissourcec:	gps		
Comments:	50401088.ssf		
Leasename:	Banning	Wellnumber:	442
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AWF	Site id:	CAOG9A000003315

AF175
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003277**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05921027
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	91.162
Locationde:	Not Reported		
Glat:	33.632396		
Glong:	-117.94539		
Gissourcec:	gps		
Comments:	50401088.ssf		
Leasename:	Banning	Wellnumber:	327
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003277

AE176
SSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003090**

Districtnu:	1	Apinumber:	05905501
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Orange County Refining Co.		
Countyname:	Orange	Fieldname:	Newport
Areaname:	Any Area		
Section:	28		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.620323		
Glong:	-117.937085		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003090

AH177
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003336**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905219
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	97.962
Locationde:	Not Reported		
Glat:	33.633905		
Glong:	-117.945076		
Gissourcec:	gps		
Comments:	50401088.ssf		
Leasename:	Banning	Wellnumber:	9
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003336

AK178
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003419**

Districtnu:	1	Apinumber:	05905779
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	96.723
Locationde:	Not Reported		
Glat:	33.635501		
Glong:	-117.944462		
Gissourcec:	gps		
Comments:	50401128.ssf		
Leasename:	Banning	Wellnumber:	111
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003419

AF179
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003291**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905758
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Mobil Oil Corporation		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	87.635
Locationde:	Not Reported		
Glat:	33.632798		
Glong:	-117.945336		
Gissourcec:	gps		
Comments:	50401088.ssf		
Leasename:	Banning	Wellnumber:	82
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003291

AM180
South
1/2 - 1 Mile

OIL_GAS **CAOG9A000003086**

Districtnu:	1	Apinumber:	05905447
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	Gilbert H. Beesemyer		
Countyname:	Orange	Fieldname:	Newport
Areaname:	Any Area		
Section:	28		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.619312		
Glong:	-117.931372		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Steel Rig	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003086

AD181
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003460**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905743
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Mobil Oil Corporation		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	91.483
Locationde:	Not Reported		
Glat:	33.6362		
Glong:	-117.944112		
Gissourcec:	gps		
Comments:	50401128.ssf		
Leasename:	Banning	Wellnumber:	67
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003460

AM182
South
1/2 - 1 Mile

OIL_GAS **CAOG9A000003085**

Districtnu:	1	Apinumber:	05905456
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Louis F. Dekay & Son		
Countyname:	Orange	Fieldname:	Newport
Areaname:	Any Area		
Section:	28		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.619287		
Glong:	-117.931695		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Elmer	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003085

AI183
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003531**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05920993
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	97.723
Locationde:	Not Reported		
Glat:	33.637285		
Glong:	-117.943472		
Gissourcec:	gps		
Comments:	50401128.ssf		
Leasename:	Banning	Wellnumber:	293
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003531

AK184
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003400**

Districtnu:	1	Apinumber:	05905769
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Mobil Oil Corporation		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	94.709
Locationde:	Not Reported		
Glat:	33.635113		
Glong:	-117.944764		
Gissourcec:	gps		
Comments:	50401128.ssf		
Leasename:	Banning	Wellnumber:	100
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003400

AH185
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003317**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05920307
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	93.042
Locationde:	Not Reported		
Glat:	33.633446		
Glong:	-117.945324		
Gissourcec:	gps		
Comments:	50401088.ssf		
Leasename:	Banning	Wellnumber:	223
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003317

AH186
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003369**

Districtnu:	1	Apinumber:	05920293
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	99.174
Locationde:	Not Reported		
Glat:	33.634537		
Glong:	-117.944997		
Gissourcec:	gps		
Comments:	50401088.ssf		
Leasename:	Banning	Wellnumber:	215
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003369

AF187
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003255**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05920247
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Mobil Oil Corporation		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	86.099
Locationde:	Not Reported		
Glat:	33.631838		
Glong:	-117.945584		
Gissourcec:	gps		
Comments:	50401088.ssf		
Leasename:	Banning	Wellnumber:	167
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PAI	Site id:	CAOG9A000003255

AJ188
WSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003186**

Districtnu:	1	Apinumber:	05920093
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	48.681
Locationde:	Not Reported		
Glat:	33.628511		
Glong:	-117.945281		
Gissourcec:	gps		
Comments:	50401068.ssf		
Leasename:	Banning	Wellnumber:	158
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003186

AF189
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003250**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905783
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Mobil Oil Corporation		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	86.397
Locationde:	Not Reported		
Glat:	33.631709		
Glong:	-117.945632		
Gissourcec:	gps		
Comments:	50401088.ssf		
Leasename:	Banning	Wellnumber:	115
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PAI	Site id:	CAOG9A000003250

AF190
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003264**

Districtnu:	1	Apinumber:	05920604
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	86.758
Locationde:	Not Reported		
Glat:	33.632073		
Glong:	-117.945612		
Gissourcec:	gps		
Comments:	50401088.ssf		
Leasename:	Banning	Wellnumber:	240
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003264

AI191
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003542**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905732
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	95.665
Locationde:	Not Reported		
Glat:	33.637489		
Glong:	-117.943448		
Gissourcec:	gps		
Comments:	50401128.ssf		
Leasename:	Banning	Wellnumber:	54
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003542

AI192
NW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003596**

Districtnu:	1	Apinumber:	05905497
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	General Crude Oil Co., Oper.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.638462		
Glong:	-117.942662		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Walters (c)	Wellnumber:	27
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003596

AK193
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003380**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05920658
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	89.97
Locationde:	Not Reported		
Glat:	33.634789		
Glong:	-117.944997		
Gissourcec:	gps		
Comments:	50401128.ssf		
Leasename:	Banning	Wellnumber:	250
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003380

AC194
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003215**

Districtnu:	1	Apinumber:	05920752
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	59.583
Locationde:	Not Reported		
Glat:	33.630494		
Glong:	-117.945678		
Gissourcec:	gps		
Comments:	50401068.ssf		
Leasename:	Banning	Wellnumber:	417
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003215

AN195
NW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003617**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905488
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Barto Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.638965		
Glong:	-117.942176		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Harby	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003617

AM196
South
1/2 - 1 Mile

OIL_GAS **CAOG9A000003084**

Districtnu:	1	Apinumber:	05905445
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	Gilbert H. Beesemyer		
Countyname:	Orange	Fieldname:	Newport
Areaname:	Any Area		
Section:	28		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.619099		
Glong:	-117.931721		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Orange Co.	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003084

AO197
WSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003168**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05900213
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	29		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	63.087
Locationde:	Not Reported		
Glat:	33.627392		
Glong:	-117.945062		
Gissourcec:	gps		
Comments:	50401078.ssf		
Leasename:	Banning	Wellnumber:	95
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003168

AK198
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003426**

Districtnu:	1	Apinumber:	05920295
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	96.774
Locationde:	Not Reported		
Glat:	33.635637		
Glong:	-117.944704		
Gissourcec:	gps		
Comments:	50401128.ssf		
Leasename:	Banning	Wellnumber:	214
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003426

AD199
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003481**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05920747
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	93.352
Locationde:	Not Reported		
Glat:	33.636465		
Glong:	-117.944294		
Gissourcec:	gps		
Comments:	50401128.ssf		
Leasename:	Banning	Wellnumber:	412
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003481

200
North
1/2 - 1 Mile

OIL_GAS **CAOG9A000003765**

Districtnu:	1	Apinumber:	05905439
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Ajax Petro. Co., Ltd.		
Countyname:	Orange	Fieldname:	Newport
Areaname:	Any Area		
Section:	21		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.643155		
Glong:	-117.931661		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Mesa	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000003765

AL201
South
1/2 - 1 Mile

OIL_GAS **CAOG9A000003081**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905444
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Gilbert H. Beesemyer		
Countyname:	Orange	Fieldname:	Newport
Areaname:	Any Area		
Section:	28		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.619014		
Glong:	-117.930746		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Orange Co.	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003081

AM202
South
1/2 - 1 Mile

OIL_GAS **CAOG9A000003080**

Districtnu:	1	Apinumber:	05905455
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Louis F. Dekay & Son		
Countyname:	Orange	Fieldname:	Newport
Areaname:	Any Area		
Section:	28		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.619001		
Glong:	-117.931917		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Elmer	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003080

AF203
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003261**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05921269
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	88.13
Locationde:	Not Reported		
Glat:	33.631996		
Glong:	-117.945845		
Gissourcec:	gps		
Comments:	50401088.ssf		
Leasename:	Banning	Wellnumber:	167-R
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PWF	Site id:	CAOG9A000003261

AJ204
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003197**

Districtnu:	1	Apinumber:	05905767
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	57.252
Locationde:	Not Reported		
Glat:	33.629591		
Glong:	-117.945777		
Gissourcec:	gps		
Comments:	50401068.ssf		
Leasename:	Banning	Wellnumber:	98
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003197

AL205
South
1/2 - 1 Mile

OIL_GAS **CAOG9A000003082**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905484
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	Title Insurance & Trust Co.		
Countyname:	Orange	Fieldname:	Newport
Areaname:	Any Area		
Section:	28		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.619042		
Glong:	-117.929723		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Newport	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003082

AP206
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003491**

Districtnu:	1	Apinumber:	05920992
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	97.627
Locationde:	Not Reported		
Glat:	33.636631		
Glong:	-117.944373		
Gissourcec:	gps		
Comments:	50401128.ssf		
Leasename:	Banning	Wellnumber:	290
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003491

AJ207
WSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003184**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05920091
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	39.239
Locationde:	Not Reported		
Glat:	33.628468		
Glong:	-117.945649		
Gissourcec:	gps		
Comments:	50401068.ssf		
Leasename:	Banning	Wellnumber:	156
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003184

AG208
WSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003158**

Districtnu:	1	Apinumber:	05900394
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	29		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.626803		
Glong:	-117.945072		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Banning	Wellnumber:	93
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003158

AL209
South
1/2 - 1 Mile

OIL_GAS **CAOG9A000003083**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905485
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Title Insurance & Trust Co.		
Countyname:	Orange	Fieldname:	Newport
Areaname:	Any Area		
Section:	28		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.61906		
Glong:	-117.928765		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Newport	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000003083

AQ210
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003226**

Districtnu:	1	Apinumber:	05920146
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Mobil Oil Corporation		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	65.868
Locationde:	Not Reported		
Glat:	33.630916		
Glong:	-117.946032		
Gissourcec:	gps		
Comments:	50401068.ssf		
Leasename:	Banning	Wellnumber:	165
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003226

AR211
WSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003128**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05900400
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	29		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	57.975
Locationde:	Not Reported		
Glat:	33.62568		
Glong:	-117.94457		
Gissourcec:	gps		
Comments:	50401049.cor		
Leasename:	Banning	Wellnumber:	307
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003128

AI212
NW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003595**

Districtnu:	1	Apinumber:	05905495
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	General Crude Oil Co., Oper.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.638447		
Glong:	-117.943161		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Walters (a)	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003595

AK213
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003442**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905728
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	90.952
Locationde:	Not Reported		
Glat:	33.635859		
Glong:	-117.94494		
Gissourcec:	gps		
Comments:	50401128.ssf		
Leasename:	Banning	Wellnumber:	50-R
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003442

AR214
WSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003148**

Districtnu:	1	Apinumber:	05900216
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	29		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	59.191
Locationde:	Not Reported		
Glat:	33.626004		
Glong:	-117.944782		
Gissourcec:	gps		
Comments:	50401049.cor		
Leasename:	Banning	Wellnumber:	139
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003148

AS215
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003290**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05920582
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	91.061
Locationde:	Not Reported		
Glat:	33.632749		
Glong:	-117.94597		
Gissourcec:	gps		
Comments:	50401088.ssf		
Leasename:	Banning	Wellnumber:	225
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003290

AH216
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003320**

Districtnu:	1	Apinumber:	05905725
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	82.809
Locationde:	Not Reported		
Glat:	33.633468		
Glong:	-117.945844		
Gissourcec:	gps		
Comments:	50401088.ssf		
Leasename:	Banning	Wellnumber:	48
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003320

AT217
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003361**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05920540
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	101.791
Locationde:	Not Reported		
Glat:	33.634436		
Glong:	-117.945575		
Gissourcec:	gps		
Comments:	50401088.ssf		
Leasename:	Banning	Wellnumber:	49-R
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003361

AJ218
WSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003183**

Districtnu:	1	Apinumber:	05921033
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	46.843
Locationde:	Not Reported		
Glat:	33.628463		
Glong:	-117.945787		
Gissourcec:	gps		
Comments:	50401068.ssf		
Leasename:	Banning	Wellnumber:	333
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003183

AQ219
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003233**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05920780
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	67.117
Locationde:	Not Reported		
Glat:	33.631065		
Glong:	-117.946129		
Gissourcec:	gps		
Comments:	50401068.ssf		
Leasename:	Banning	Wellnumber:	165R
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	NWF	Site id:	CAOG9A000003233

AN220
NW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003620**

Districtnu:	1	Apinumber:	05921237
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Barto Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.63899		
Glong:	-117.942713		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Barto	Wellnumber:	4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003620

AR221
WSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003133**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905920
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	29		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	57.464
Locationde:	Not Reported		
Glat:	33.625701		
Glong:	-117.944649		
Gissourcec:	gps		
Comments:	50401049.cor		
Leasename:	Banning	Wellnumber:	308
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003133

AT222
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003368**

Districtnu:	1	Apinumber:	05905726
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Mobil Oil Corporation		
Countyname:	Orange	Fieldname:	Coyote, West (ABD)
Areaname:	Any Area		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	94.334
Locationde:	Not Reported		
Glat:	33.634518		
Glong:	-117.945566		
Gissourcec:	gps		
Comments:	50401088.ssf		
Leasename:	Banning	Wellnumber:	49
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003368

AN223
NW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003623**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05921239
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Barto Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.639045		
Glong:	-117.94271		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Lee	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003623

AS224
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003298**

Districtnu:	1	Apinumber:	05920600
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	N
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	73.381
Locationde:	Not Reported		
Glat:	33.633052		
Glong:	-117.946003		
Gissourcec:	gps		
Comments:	50401088.ssf		
Leasename:	Banning	Wellnumber:	194
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003298

AS225
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003275**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905746
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Mobil Oil Corporation		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	82.787
Locationde:	Not Reported		
Glat:	33.632375		
Glong:	-117.946134		
Gissourcec:	gps		
Comments:	50401078.ssf		
Leasename:	Banning	Wellnumber:	70
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003275

AR226
WSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003132**

Districtnu:	1	Apinumber:	05905921
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	29		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	54.659
Locationde:	Not Reported		
Glat:	33.6257		
Glong:	-117.944737		
Gissourcec:	gps		
Comments:	50401049.cor		
Leasename:	Hank	Wellnumber:	309
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003132

AN227
NW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003627**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05921238
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Barto Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.639127		
Glong:	-117.942715		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kim	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003627

AI228
NW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003576**

Districtnu:	1	Apinumber:	05900389
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	96.502
Locationde:	Not Reported		
Glat:	33.63813		
Glong:	-117.943653		
Gissourcec:	gps		
Comments:	50401128.ssf		
Leasename:	Banning	Wellnumber:	65-R
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003576

AK229
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003432**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05921069
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	83.158
Locationde:	Not Reported		
Glat:	33.635749		
Glong:	-117.945185		
Gissourcec:	gps		
Comments:	50401128.ssf		
Leasename:	Banning	Wellnumber:	433
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003432

AS230
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003332**

Districtnu:	1	Apinumber:	05920424
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	85.468
Locationde:	Not Reported		
Glat:	33.633758		
Glong:	-117.945939		
Gissourcec:	gps		
Comments:	50401088.ssf		
Leasename:	Banning	Wellnumber:	188
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PAI	Site id:	CAOG9A000003332

AK231
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003429**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905727
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Mobil Oil Corporation		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	78.791
Locationde:	Not Reported		
Glat:	33.635718		
Glong:	-117.945223		
Gissourcec:	gps		
Comments:	50401128.ssf		
Leasename:	Banning	Wellnumber:	50
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003429

AO232
WSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003162**

Districtnu:	1	Apinumber:	05907864
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	29		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	67.298
Locationde:	Not Reported		
Glat:	33.627025		
Glong:	-117.945473		
Gissourcec:	gps		
Comments:	50401049.cor		
Leasename:	Banning	Wellnumber:	94-R
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PAI	Site id:	CAOG9A000003162

AQ233
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003214**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05920317
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	58.407
Locationde:	Not Reported		
Glat:	33.630479		
Glong:	-117.946279		
Gissourcec:	gps		
Comments:	50401068.ssf		
Leasename:	Banning	Wellnumber:	180
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000003214

AP234
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003521**

Districtnu:	1	Apinumber:	05921303
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	85.97
Locationde:	Not Reported		
Glat:	33.63717		
Glong:	-117.944429		
Gissourcec:	gps		
Comments:	50401128.ssf		
Leasename:	Banning	Wellnumber:	470
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003521

AS235
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003273**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05920089
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	81.586
Locationde:	Not Reported		
Glat:	33.632283		
Glong:	-117.946261		
Gissourcec:	gps		
Comments:	50401078.ssf		
Leasename:	Banning	Wellnumber:	146
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003273

AQ236
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003248**

Districtnu:	1	Apinumber:	05920579
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	78.349
Locationde:	Not Reported		
Glat:	33.631689		
Glong:	-117.946323		
Gissourcec:	gps		
Comments:	50401088.ssf		
Leasename:	Banning	Wellnumber:	232
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003248

AI237
NW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003583**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905741
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Mobil Oil Corporation		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	93.727
Locationde:	Not Reported		
Glat:	33.638255		
Glong:	-117.943675		
Gissourcec:	gps		
Comments:	50401128.ssf		
Leasename:	Banning	Wellnumber:	65
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003583

AQ238
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003256**

Districtnu:	1	Apinumber:	05905782
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Mobil Oil Corporation		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	79.95
Locationde:	Not Reported		
Glat:	33.631858		
Glong:	-117.946354		
Gissourcec:	gps		
Comments:	50401078.ssf		
Leasename:	Banning	Wellnumber:	114
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003256

AP239
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003556**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05920728
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	95.316
Locationde:	Not Reported		
Glat:	33.637712		
Glong:	-117.944164		
Gissourcec:	gps		
Comments:	50401128.ssf		
Leasename:	Banning	Wellnumber:	407
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000003556

AQ240
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003239**

Districtnu:	1	Apinumber:	05905748
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	74.845
Locationde:	Not Reported		
Glat:	33.6313		
Glong:	-117.946428		
Gissourcec:	gps		
Comments:	50401068.ssf		
Leasename:	Banning	Wellnumber:	72
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003239

AQ241
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003235**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05920332
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	65.775
Locationde:	Not Reported		
Glat:	33.631076		
Glong:	-117.94643		
Gissourcec:	gps		
Comments:	50401068.ssf		
Leasename:	Banning	Wellnumber:	180-R
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003235

AQ242
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003209**

Districtnu:	1	Apinumber:	05905751
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	62.425
Locationde:	Not Reported		
Glat:	33.630227		
Glong:	-117.946412		
Gissourcec:	gps		
Comments:	50408179.ssf		
Leasename:	Banning	Wellnumber:	75
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003209

AI243
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003568**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05921043
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	98.102
Locationde:	Not Reported		
Glat:	33.637964		
Glong:	-117.944043		
Gissourcec:	gps		
Comments:	50401128.ssf		
Leasename:	Banning	Wellnumber:	295
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003568

244
North
1/2 - 1 Mile

OIL_GAS **CAOG9A000003770**

Districtnu:	1	Apinumber:	05900966
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	J. H. Dennis		
Countyname:	Orange	Fieldname:	Any Field
Areaname:	Any Area		
Section:	16		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.643586		
Glong:	-117.929219		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003770

AO245
WSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003163**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05900078
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Mobil Oil Corp.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	29		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	59.502
Locationde:	Not Reported		
Glat:	33.627029		
Glong:	-117.945682		
Gissourcec:	gps		
Comments:	50401049.cor		
Leasename:	Banning	Wellnumber:	94
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003163

AR246
WSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003153**

Districtnu:	1	Apinumber:	05900212
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	29		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	56.93
Locationde:	Not Reported		
Glat:	33.62624		
Glong:	-117.945376		
Gissourcec:	gps		
Comments:	50401049.cor		
Leasename:	Hank	Wellnumber:	97
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003153

AT247
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003339**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05920608
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	85.607
Locationde:	Not Reported		
Glat:	33.633999		
Glong:	-117.946173		
Gissourcec:	gps		
Comments:	50401088.ssf		
Leasename:	Banning	Wellnumber:	244
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PSF	Site id:	CAOG9A000003339

AP248
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003517**

Districtnu:	1	Apinumber:	05920994
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	91.465
Locationde:	Not Reported		
Glat:	33.637079		
Glong:	-117.944794		
Gissourcec:	gps		
Comments:	50401128.ssf		
Leasename:	Banning	Wellnumber:	294
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003517

AM249
South
1/2 - 1 Mile

OIL_GAS **CAOG9A000003079**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905446
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	Gilbert H. Beesemyer		
Countyname:	Orange	Fieldname:	Newport
Areaname:	Any Area		
Section:	28		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.6184		
Glong:	-117.931622		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Orange Co.	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003079

AP250
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003507**

Districtnu:	1	Apinumber:	05905729
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	94.205
Locationde:	Not Reported		
Glat:	33.636941		
Glong:	-117.944901		
Gissourcec:	gps		
Comments:	50401128.ssf		
Leasename:	Banning	Wellnumber:	51
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003507

AJ251
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003189**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05920092
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	13.81
Locationde:	Not Reported		
Glat:	33.628985		
Glong:	-117.946424		
Gissourcec:	gps		
Comments:	50401068.ssf		
Leasename:	Banning	Wellnumber:	157
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003189

AU252
NW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003586**

Districtnu:	1	Apinumber:	05921011
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	99.255
Locationde:	Not Reported		
Glat:	33.638299		
Glong:	-117.943978		
Gissourcec:	gps		
Comments:	50401128.ssf		
Leasename:	Banning	Wellnumber:	53R
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003586

AS253
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003305**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05900393
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Mobil Oil Corporation		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	79.686
Locationde:	Not Reported		
Glat:	33.633139		
Glong:	-117.946522		
Gissourcec:	gps		
Comments:	50401088.ssf		
Leasename:	Banning	Wellnumber:	86-R
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003305

AS254
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003296**

Districtnu:	1	Apinumber:	05921067
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	82.69
Locationde:	Not Reported		
Glat:	33.632993		
Glong:	-117.946564		
Gissourcec:	gps		
Comments:	50401088.ssf		
Leasename:	Banning	Wellnumber:	86-R2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003296

255
WSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003173**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05900214
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	29		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	20.192
Locationde:	Not Reported		
Glat:	33.627988		
Glong:	-117.946278		
Gissourcec:	gps		
Comments:	50401049.cor		
Leasename:	Banning	Wellnumber:	134
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003173

AP256
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003539**

Districtnu:	1	Apinumber:	05921302
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	88.638
Locationde:	Not Reported		
Glat:	33.637455		
Glong:	-117.944747		
Gissourcec:	gps		
Comments:	50401128.ssf		
Leasename:	Banning	Wellnumber:	469
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003539

AU257
NW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003591**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05920995
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	96.815
Locationde:	Not Reported		
Glat:	33.638424		
Glong:	-117.94403		
Gissourcec:	gps		
Comments:	50401128.ssf		
Leasename:	Banning	Wellnumber:	297
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003591

AT258
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003341**

Districtnu:	1	Apinumber:	05905903
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	81.517
Locationde:	Not Reported		
Glat:	33.634023		
Glong:	-117.94638		
Gissourcec:	gps		
Comments:	50401088.ssf		
Leasename:	Banning	Wellnumber:	301-B
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003341

AS259
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003294**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05900392
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Mobil Oil Corporation		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.632957		
Glong:	-117.946626		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Banning	Wellnumber:	86
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003294

AQ260
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003246**

Districtnu:	1	Apinumber:	05900398
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	69.759
Locationde:	Not Reported		
Glat:	33.631579		
Glong:	-117.946793		
Gissourcec:	gps		
Comments:	50401078.ssf		
Leasename:	Banning	Wellnumber:	150
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003246

AO261
WSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003167**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05920090
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	29		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	11.167
Locationde:	Not Reported		
Glat:	33.627382		
Glong:	-117.946168		
Gissourcec:	gps		
Comments:	50401049.cor		
Leasename:	Banning	Wellnumber:	149
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003167

AO262
WSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003165**

Districtnu:	1	Apinumber:	05905910
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	29		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	19.411
Locationde:	Not Reported		
Glat:	33.627211		
Glong:	-117.946119		
Gissourcec:	gps		
Comments:	50401049.cor		
Leasename:	Banning	Wellnumber:	312
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003165

AS263
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003287**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05920606
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	80.005
Locationde:	Not Reported		
Glat:	33.632633		
Glong:	-117.946733		
Gissourcec:	gps		
Comments:	50401078.ssf		
Leasename:	Banning	Wellnumber:	242
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003287

AS264
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003276**

Districtnu:	1	Apinumber:	05905781
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Mobil Oil Corporation		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	78.817
Locationde:	Not Reported		
Glat:	33.63238		
Glong:	-117.946787		
Gissourcec:	gps		
Comments:	50401078.ssf		
Leasename:	Banning	Wellnumber:	113
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PAI	Site id:	CAOG9A000003276

AU265
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003566**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05920756
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	90.744
Locationde:	Not Reported		
Glat:	33.63793		
Glong:	-117.944547		
Gissourcec:	gps		
Comments:	50401128.ssf		
Leasename:	Banning	Wellnumber:	52-R
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003566

AT266
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003372**

Districtnu:	1	Apinumber:	05920300
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	83.454
Locationde:	Not Reported		
Glat:	33.634575		
Glong:	-117.94632		
Gissourcec:	gps		
Comments:	50401088.ssf		
Leasename:	Banning	Wellnumber:	216
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003372

AT267
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003356**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05920745
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	83.977
Locationde:	Not Reported		
Glat:	33.634336		
Glong:	-117.94642		
Gissourcec:	gps		
Comments:	50401088.ssf		
Leasename:	Banning	Wellnumber:	90-R
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003356

AU268
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003562**

Districtnu:	1	Apinumber:	05905730
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Mobil Oil Corporation		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	92.03
Locationde:	Not Reported		
Glat:	33.637855		
Glong:	-117.944657		
Gissourcec:	gps		
Comments:	50401128.ssf		
Leasename:	Banning	Wellnumber:	52
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003562

AO269
WSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003157**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905909
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	29		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	12.068
Locationde:	Not Reported		
Glat:	33.626653		
Glong:	-117.945987		
Gissourcec:	gps		
Comments:	50401049.cor		
Leasename:	Banning	Wellnumber:	311
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003157

AS270
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003258**

Districtnu:	1	Apinumber:	05920320
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Mobil Oil Corporation		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	73.65
Locationde:	Not Reported		
Glat:	33.631952		
Glong:	-117.946937		
Gissourcec:	gps		
Comments:	50401078.ssf		
Leasename:	Banning	Wellnumber:	179
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000003258

AV271
South
1/2 - 1 Mile

OIL_GAS **CAOG9A000003078**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905454
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Louis F. Dekay & Son		
Countyname:	Orange	Fieldname:	Newport
Areaname:	Any Area		
Section:	28		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.618121		
Glong:	-117.932819		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000003078

AQ272
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003247**

Districtnu:	1	Apinumber:	05920341
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	68.213
Locationde:	Not Reported		
Glat:	33.631651		
Glong:	-117.946977		
Gissourcec:	gps		
Comments:	50401078.ssf		
Leasename:	Banning	Wellnumber:	179-A
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003247

AW273
NW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003679**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905494
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Signal Hill Petroleum, Inc.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.640241		
Glong:	-117.942537		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Parke	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003679

AT274
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003363**

Districtnu:	1	Apinumber:	05905764
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Mobil Oil Corporation		
Countyname:	Orange	Fieldname:	Coyote, West (ABD)
Areaname:	Any Area		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	83.067
Locationde:	Not Reported		
Glat:	33.634451		
Glong:	-117.946484		
Gissourcec:	gps		
Comments:	50401088.ssf		
Leasename:	Banning	Wellnumber:	90
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003363

AS275
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003279**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05921026
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	78.487
Locationde:	Not Reported		
Glat:	33.632446		
Glong:	-117.946954		
Gissourcec:	gps		
Comments:	50401078.ssf		
Leasename:	Banning	Wellnumber:	326
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003279

AX276
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003254**

Districtnu:	1	Apinumber:	05900388
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	69.585
Locationde:	Not Reported		
Glat:	33.631837		
Glong:	-117.94704		
Gissourcec:	gps		
Comments:	50401078.ssf		
Leasename:	Banning	Wellnumber:	63-R
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003254

AY277
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003444**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05920257
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	33.972
Locationde:	Not Reported		
Glat:	33.635886		
Glong:	-117.945994		
Gissourcec:	gps		
Comments:	50401228.ssf		
Leasename:	Banning	Wellnumber:	213
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003444

AS278
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003266**

Districtnu:	1	Apinumber:	05920086
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	71.349
Locationde:	Not Reported		
Glat:	33.632095		
Glong:	-117.947047		
Gissourcec:	gps		
Comments:	50401078.ssf		
Leasename:	Banning	Wellnumber:	155
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003266

AR279
WSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003138**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905922
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	29		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	16.388
Locationde:	Not Reported		
Glat:	33.625785		
Glong:	-117.945762		
Gissourcec:	gps		
Comments:	50401049.cor		
Leasename:	Hank 2 Lease	Wellnumber:	306
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003138

AU280
NW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003614**

Districtnu:	1	Apinumber:	05905731
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	92.69
Locationde:	Not Reported		
Glat:	33.63888		
Glong:	-117.944066		
Gissourcec:	gps		
Comments:	50401128.ssf		
Leasename:	Banning	Wellnumber:	53
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003614

AR281
WSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003129**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	25905195
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	City of Newport Beach		
Countyname:	Orange Offshore	Fieldname:	Newport, West
Areaname:	Offshore-Division D-E		
Section:	29		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	18.62
Locationde:	Not Reported		
Glat:	33.625689		
Glong:	-117.945733		
Gissourcec:	gps		
Comments:	50401049.cor		
Leasename:	Newport Beach	Wellnumber:	14
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003129

AX282
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003253**

Districtnu:	1	Apinumber:	05900387
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Mobil Oil Corporation		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	69.431
Locationde:	Not Reported		
Glat:	33.631799		
Glong:	-117.947141		
Gissourcec:	gps		
Comments:	50401078.ssf		
Leasename:	Banning	Wellnumber:	63
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003253

AS283
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003321**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05920576
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	64.599
Locationde:	Not Reported		
Glat:	33.633497		
Glong:	-117.946901		
Gissourcec:	gps		
Comments:	50401088.ssf		
Leasename:	Banning	Wellnumber:	222
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003321

AY284
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003459**

Districtnu:	1	Apinumber:	05920531
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	32.052
Locationde:	Not Reported		
Glat:	33.636189		
Glong:	-117.945948		
Gissourcec:	gps		
Comments:	50401228.ssf		
Leasename:	Banning	Wellnumber:	192
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PAI	Site id:	CAOG9A000003459

AT285
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003404**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905787
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.635267		
Glong:	-117.946413		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Banning	Wellnumber:	120
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PAI	Site id:	CAOG9A000003404

AS286
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003318**

Districtnu:	1	Apinumber:	05921135
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	66.939
Locationde:	Not Reported		
Glat:	33.633452		
Glong:	-117.947022		
Gissourcec:	gps		
Comments:	50401088.ssf		
Leasename:	Banning	Wellnumber:	344
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003318

AU287
NW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003609**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05921089
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	91.555
Locationde:	Not Reported		
Glat:	33.638825		
Glong:	-117.944314		
Gissourcec:	gps		
Comments:	50401128.ssf		
Leasename:	Banning	Wellnumber:	299
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003609

AZ288
NW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003652**

Districtnu:	1	Apinumber:	05905490
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Barto Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.639461		
Glong:	-117.943764		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Mc Kee	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003652

AY289
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003447**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905722
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	24.132
Locationde:	Not Reported		
Glat:	33.635929		
Glong:	-117.946219		
Gissourcec:	gps		
Comments:	50401228.ssf		
Leasename:	Banning	Wellnumber:	45
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003447

AY290
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003464**

Districtnu:	1	Apinumber:	05920111
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	25.276
Locationde:	Not Reported		
Glat:	33.636283		
Glong:	-117.946083		
Gissourcec:	gps		
Comments:	50401228.ssf		
Leasename:	Banning	Wellnumber:	143
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003464

BA291
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003551**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05921087
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	69.352
Locationde:	Not Reported		
Glat:	33.637635		
Glong:	-117.945297		
Gissourcec:	gps		
Comments:	50401128.ssf		
Leasename:	Banning	Wellnumber:	292
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003551

292
South
1/2 - 1 Mile

OIL_GAS **CAOG9A000003076**

Districtnu:	1	Apinumber:	05905457
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	Louis F. Dekay & Son		
Countyname:	Orange	Fieldname:	Newport
Areaname:	Any Area		
Section:	28		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.617756		
Glong:	-117.930872		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Newport	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003076

BB293
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003324**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05920890
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	61.198
Locationde:	Not Reported		
Glat:	33.633539		
Glong:	-117.947094		
Gissourcec:	gps		
Comments:	50401088.ssf		
Leasename:	Banning	Wellnumber:	47-R
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AWF	Site id:	CAOG9A000003324

BC294
WSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003142**

Districtnu:	1	Apinumber:	25905189
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	City of Newport Beach		
Countyname:	Orange Offshore	Fieldname:	Newport, West
Areaname:	Offshore-Division D-E		
Section:	29		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	10.924
Locationde:	Not Reported		
Glat:	33.6259		
Glong:	-117.946122		
Gissourcec:	gps		
Comments:	50401049.cor		
Leasename:	Newport Beach	Wellnumber:	8
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003142

BC295
WSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003146**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	25905193
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	City of Newport Beach		
Countyname:	Orange Offshore	Fieldname:	Newport, West
Areaname:	Offshore-Division D-E		
Section:	29		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	10.944
Locationde:	Not Reported		
Glat:	33.625962		
Glong:	-117.946156		
Gissourcec:	gps		
Comments:	50401049.cor		
Leasename:	Newport Beach	Wellnumber:	12
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003146

AS296
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003281**

Districtnu:	1	Apinumber:	05920621
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	74.678
Locationde:	Not Reported		
Glat:	33.632481		
Glong:	-117.947299		
Gissourcec:	gps		
Comments:	50401078.ssf		
Leasename:	Banning	Wellnumber:	71-R
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003281

BC297
WSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003137**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	25905185
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	City of Newport Beach		
Countyname:	Orange Offshore	Fieldname:	Newport, West
Areaname:	Offshore-Division D-E		
Section:	29		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	10.882
Locationde:	Not Reported		
Glat:	33.62577		
Glong:	-117.94606		
Gissourcec:	gps		
Comments:	50401049.cor		
Leasename:	Newport Beach	Wellnumber:	4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003137

BC298
WSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003149**

Districtnu:	1	Apinumber:	05905908
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	29		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	8.104
Locationde:	Not Reported		
Glat:	33.626074		
Glong:	-117.946217		
Gissourcec:	gps		
Comments:	50401049.cor		
Leasename:	Banning	Wellnumber:	310
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003149

BC299
WSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003140**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	25905187
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	City of Newport Beach		
Countyname:	Orange Offshore	Fieldname:	Newport, West
Areaname:	Offshore-Division D-E		
Section:	29		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	7.027
Locationde:	Not Reported		
Glat:	33.625829		
Glong:	-117.946095		
Gissourcec:	gps		
Comments:	50401049.cor		
Leasename:	Newport Beach	Wellnumber:	6
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003140

BC300
WSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003130**

Districtnu:	1	Apinumber:	25905183
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	City of Newport Beach		
Countyname:	Orange Offshore	Fieldname:	Newport, West
Areaname:	Offshore-Division D-E		
Section:	29		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	6.396
Locationde:	Not Reported		
Glat:	33.625695		
Glong:	-117.946034		
Gissourcec:	gps		
Comments:	50401049.cor		
Leasename:	Newport Beach	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003130

BC301
WSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003152**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905198
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	29		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.626231		
Glong:	-117.946304		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Newport Beach	Wellnumber:	17A
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000003152

BC302
WSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003125**

Districtnu:	1	Apinumber:	25905192
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	City of Newport Beach		
Countyname:	Orange Offshore	Fieldname:	Newport, West
Areaname:	Offshore-Division D-E		
Section:	29		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	5.141
Locationde:	Not Reported		
Glat:	33.625629		
Glong:	-117.946003		
Gissourcec:	gps		
Comments:	50401049.cor		
Leasename:	Newport Beach	Wellnumber:	11
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003125

BC303
WSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003154**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05900215
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	29		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	17.19
Locationde:	Not Reported		
Glat:	33.626324		
Glong:	-117.946357		
Gissourcec:	gps		
Comments:	50401049.cor		
Leasename:	Banning	Wellnumber:	135
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003154

BB304
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003325**

Districtnu:	1	Apinumber:	05905724
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	General Crude Oil Co., Oper.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.633546		
Glong:	-117.94714		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Banning	Wellnumber:	47
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003325

AZ305
NW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003653**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05921065
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Barto Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.639463		
Glong:	-117.943921		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Barto	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003653

AV306
South
1/2 - 1 Mile

OIL_GAS **CAOG9A000003075**

Districtnu:	1	Apinumber:	05905453
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Louis F. Dekay & Son		
Countyname:	Orange	Fieldname:	Newport
Areaname:	Any Area		
Section:	28		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.617749		
Glong:	-117.932839		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000003075

BA307
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003540**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05920622
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	60.158
Locationde:	Not Reported		
Glat:	33.637465		
Glong:	-117.945507		
Gissourcec:	gps		
Comments:	50401128.ssf		
Leasename:	Banning	Wellnumber:	195
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003540

BC308
WSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003143**

Districtnu:	1	Apinumber:	25905188
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	City of Newport Beach		
Countyname:	Orange Offshore	Fieldname:	Newport, West
Areaname:	Offshore-Division D-E		
Section:	29		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	9.287
Locationde:	Not Reported		
Glat:	33.625908		
Glong:	-117.946217		
Gissourcec:	gps		
Comments:	50401049.cor		
Leasename:	Newport Beach	Wellnumber:	7
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003143

BC309
WSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003147**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	25905190
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	City of Newport Beach		
Countyname:	Orange Offshore	Fieldname:	Newport, West
Areaname:	Offshore-Division D-E		
Section:	29		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	11.244
Locationde:	Not Reported		
Glat:	33.62597		
Glong:	-117.946248		
Gissourcec:	gps		
Comments:	50401049.cor		
Leasename:	Newport Beach	Wellnumber:	9
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003147

BB310
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003301**

Districtnu:	1	Apinumber:	05905780
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	88.459
Locationde:	Not Reported		
Glat:	33.633079		
Glong:	-117.947292		
Gissourcec:	gps		
Comments:	50401088.ssf		
Leasename:	Banning	Wellnumber:	112
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PAI	Site id:	CAOG9A000003301

BC311
WSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003141**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	25905186
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	City of Newport Beach		
Countyname:	Orange Offshore	Fieldname:	Newport, West
Areaname:	Offshore-Division D-E		
Section:	29		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	10.015
Locationde:	Not Reported		
Glat:	33.625837		
Glong:	-117.946188		
Gissourcec:	gps		
Comments:	50401049.cor		
Leasename:	Newport Beach	Wellnumber:	5
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003141

AY312
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003402**

Districtnu:	1	Apinumber:	05921267
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	14.144
Locationde:	Not Reported		
Glat:	33.635159		
Glong:	-117.946723		
Gissourcec:	gps		
Comments:	50401138.ssf		
Leasename:	Banning	Wellnumber:	120-R
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PAI	Site id:	CAOG9A000003402

BC313
WSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003136**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	25905184
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	City of Newport Beach		
Countyname:	Orange Offshore	Fieldname:	Newport, West
Areaname:	Offshore-Division D-E		
Section:	29		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	10.396
Locationde:	Not Reported		
Glat:	33.625768		
Glong:	-117.946158		
Gissourcec:	gps		
Comments:	50401049.cor		
Leasename:	Newport Beach	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AWF	Site id:	CAOG9A000003136

BC314
WSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003131**

Districtnu:	1	Apinumber:	25905182
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	City of Newport Beach		
Countyname:	Orange Offshore	Fieldname:	Newport, West
Areaname:	Offshore-Division D-E		
Section:	29		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	11.239
Locationde:	Not Reported		
Glat:	33.625698		
Glong:	-117.946125		
Gissourcec:	gps		
Comments:	50401049.cor		
Leasename:	Newport Beach	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003131

BC315
WSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003126**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	25905191
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	City of Newport Beach		
Countyname:	Orange Offshore	Fieldname:	Newport, West
Areaname:	Offshore-Division D-E		
Section:	29		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	9.167
Locationde:	Not Reported		
Glat:	33.62563		
Glong:	-117.946097		
Gissourcec:	gps		
Comments:	50401049.cor		
Leasename:	Newport Beach	Wellnumber:	10
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003126

AY316
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003405**

Districtnu:	1	Apinumber:	05920777
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.635278		
Glong:	-117.946699		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Banning	Wellnumber:	276
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003405

AX317
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003282**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905747
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	73.264
Locationde:	Not Reported		
Glat:	33.632512		
Glong:	-117.947446		
Gissourcec:	gps		
Comments:	50401078.ssf		
Leasename:	Banning	Wellnumber:	71
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003282

BB318
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003303**

Districtnu:	1	Apinumber:	05921266
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	89.042
Locationde:	Not Reported		
Glat:	33.633135		
Glong:	-117.947356		
Gissourcec:	gps		
Comments:	50401088.ssf		
Leasename:	Banning	Wellnumber:	112-R
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PAI	Site id:	CAOG9A000003303

BA319
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003516**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05920631
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	13.743
Locationde:	Not Reported		
Glat:	33.637075		
Glong:	-117.945934		
Gissourcec:	gps		
Comments:	50401228.ssf		
Leasename:	Banning	Wellnumber:	239
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003516

AY320
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003485**

Districtnu:	1	Apinumber:	05921078
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	11.457
Locationde:	Not Reported		
Glat:	33.636538		
Glong:	-117.946249		
Gissourcec:	gps		
Comments:	50401228.ssf		
Leasename:	Banning	Wellnumber:	143-R
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003485

AW321
NW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003718**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905498
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Barto Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.641181		
Glong:	-117.942358		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Winterbourne	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003718

322
SE
1/2 - 1 Mile

OIL_GAS **CAOG9A000003110**

Districtnu:	1	Apinumber:	05901275
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	U. S. Petro. Syndicate		
Countyname:	Orange	Fieldname:	Any Field
Areaname:	Any Area		
Section:	27		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.622677		
Glong:	-117.918576		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000003110

BC323
WSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003135**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905179
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Armstrong Petroleum Corp.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	29		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	9.899
Locationde:	Not Reported		
Glat:	33.625762		
Glong:	-117.946411		
Gissourcec:	gps		
Comments:	50401049.cor		
Leasename:	Pacific Electric	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003135

BC324
WSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003134**

Districtnu:	1	Apinumber:	05905180
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Armstrong Petroleum Corp.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	29		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	10.452
Locationde:	Not Reported		
Glat:	33.625704		
Glong:	-117.946384		
Gissourcec:	gps		
Comments:	50401049.cor		
Leasename:	Pacific Electric	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003134

BA325
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003526**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05921261
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	11.757
Locationde:	Not Reported		
Glat:	33.637231		
Glong:	-117.94598		
Gissourcec:	gps		
Comments:	50401228.ssf		
Leasename:	Banning	Wellnumber:	457
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003526

BC326
WSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003127**

Districtnu:	1	Apinumber:	05905181
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	Armstrong Petroleum Corp.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	29		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	9.582
Locationde:	Not Reported		
Glat:	33.625651		
Glong:	-117.946364		
Gissourcec:	gps		
Comments:	50401049.cor		
Leasename:	Pacific Electric	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003127

AU327
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003602**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05920996
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	37.445
Locationde:	Not Reported		
Glat:	33.638612		
Glong:	-117.945038		
Gissourcec:	gps		
Comments:	50401128.ssf		
Leasename:	Banning	Wellnumber:	298
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003602

BD328
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003390**

Districtnu:	1	Apinumber:	05921037
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	17.321
Locationde:	Not Reported		
Glat:	33.634967		
Glong:	-117.94713		
Gissourcec:	gps		
Comments:	50401138.ssf		
Leasename:	Banning	Wellnumber:	46R
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003390

AU329
NW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003607**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905742
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Mobil Oil Corporation		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.638734		
Glong:	-117.945036		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Banning	Wellnumber:	66
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003607

BD330
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003383**

Districtnu:	1	Apinumber:	05905723
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	16.07
Locationde:	Not Reported		
Glat:	33.634847		
Glong:	-117.947187		
Gissourcec:	gps		
Comments:	50401138.ssf		
Leasename:	Banning	Wellnumber:	46
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003383

AU331
NW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003639**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905777
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	46.499
Locationde:	Not Reported		
Glat:	33.63933		
Glong:	-117.944553		
Gissourcec:	gps		
Comments:	50401128.ssf		
Leasename:	Banning	Wellnumber:	109
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003639

AY332
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003427**

Districtnu:	1	Apinumber:	05921262
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	8.167
Locationde:	Not Reported		
Glat:	33.635666		
Glong:	-117.946894		
Gissourcec:	gps		
Comments:	50401138.ssf		
Leasename:	Banning	Wellnumber:	459
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003427

AU333
NW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003612**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05920729
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	38.736
Locationde:	Not Reported		
Glat:	33.638868		
Glong:	-117.944957		
Gissourcec:	gps		
Comments:	50401128.ssf		
Leasename:	Banning	Wellnumber:	408
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PAI	Site id:	CAOG9A000003612

BA334
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003572**

Districtnu:	1	Apinumber:	05921088
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	61.081
Locationde:	Not Reported		
Glat:	33.638028		
Glong:	-117.945597		
Gissourcec:	gps		
Comments:	50401128.ssf		
Leasename:	Banning	Wellnumber:	296
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003572

AU335
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003603**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905778
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	41.353
Locationde:	Not Reported		
Glat:	33.638676		
Glong:	-117.945162		
Gissourcec:	gps		
Comments:	50401128.ssf		
Leasename:	Banning	Wellnumber:	110
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003603

BA336
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003513**

Districtnu:	1	Apinumber:	05905720
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Mobil Oil Corporation		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.637032		
Glong:	-117.946287		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Banning	Wellnumber:	44
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003513

BD337
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003379**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05920683
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	10.83
Locationde:	Not Reported		
Glat:	33.634765		
Glong:	-117.947356		
Gissourcec:	gps		
Comments:	50401138.ssf		
Leasename:	Banning	Wellnumber:	253
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003379

AZ338
NW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003640**

Districtnu:	1	Apinumber:	05920991
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	47.463
Locationde:	Not Reported		
Glat:	33.639336		
Glong:	-117.9447		
Gissourcec:	gps		
Comments:	50401128.ssf		
Leasename:	Banning	Wellnumber:	285
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003640

BA339
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003567**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905719
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	62.221
Locationde:	Not Reported		
Glat:	33.637932		
Glong:	-117.945835		
Gissourcec:	gps		
Comments:	50401128.ssf		
Leasename:	Banning	Wellnumber:	43
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003567

BA340
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003512**

Districtnu:	1	Apinumber:	05905721
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	12.606
Locationde:	Not Reported		
Glat:	33.636997		
Glong:	-117.946413		
Gissourcec:	gps		
Comments:	50401228.ssf		
Leasename:	Banning	Wellnumber:	44-R
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003512

BA341
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003579**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05921296
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	64.103
Locationde:	Not Reported		
Glat:	33.638167		
Glong:	-117.945684		
Gissourcec:	gps		
Comments:	50401128.ssf		
Leasename:	Banning	Wellnumber:	452
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003579

AW342
NW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003698**

Districtnu:	1	Apinumber:	05905493
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Barto Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.640628		
Glong:	-117.943487		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Mc Kee	Wellnumber:	4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003698

BB343
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003306**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905756
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	72.825
Locationde:	Not Reported		
Glat:	33.633142		
Glong:	-117.947869		
Gissourcec:	gps		
Comments:	50401088.ssf		
Leasename:	Banning	Wellnumber:	80
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003306

AY344
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003488**

Districtnu:	1	Apinumber:	05920656
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	12.477
Locationde:	Not Reported		
Glat:	33.636561		
Glong:	-117.946724		
Gissourcec:	gps		
Comments:	50401228.ssf		
Leasename:	Banning	Wellnumber:	247
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PWF	Site id:	CAOG9A000003488

BB345
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003327**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05920750
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	78.555
Locationde:	Not Reported		
Glat:	33.633599		
Glong:	-117.94779		
Gissourcec:	gps		
Comments:	50401088.ssf		
Leasename:	Banning	Wellnumber:	415
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003327

BD346
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003373**

Districtnu:	1	Apinumber:	05920603
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	15.962
Locationde:	Not Reported		
Glat:	33.634665		
Glong:	-117.94752		
Gissourcec:	gps		
Comments:	50401138.ssf		
Leasename:	Banning	Wellnumber:	196
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003373

BE347
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003511**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05921294
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	12.079
Locationde:	Not Reported		
Glat:	33.636992		
Glong:	-117.946529		
Gissourcec:	gps		
Comments:	50401228.ssf		
Leasename:	Banning	Wellnumber:	44-R2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003511

AZ348
NW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003674**

Districtnu:	1	Apinumber:	05921058
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Barto Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.640175		
Glong:	-117.944123		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Barto	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003674

AY349
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003480**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05920206
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	11.86
Locationde:	Not Reported		
Glat:	33.636462		
Glong:	-117.946844		
Gissourcec:	gps		
Comments:	50401228.ssf		
Leasename:	Banning	Wellnumber:	161
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PAI	Site id:	CAOG9A000003480

AW350
NW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003697**

Districtnu:	1	Apinumber:	05921235
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Barto Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.640622		
Glong:	-117.943652		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Rick	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003697

BD351
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003414**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05920768
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	5.959
Locationde:	Not Reported		
Glat:	33.635419		
Glong:	-117.947345		
Gissourcec:	gps		
Comments:	50401138.ssf		
Leasename:	Banning	Wellnumber:	277
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003414

AX352
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003274**

Districtnu:	1	Apinumber:	05920771
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	10.074
Locationde:	Not Reported		
Glat:	33.632351		
Glong:	-117.948102		
Gissourcec:	gps		
Comments:	50401138.ssf		
Leasename:	Banning	Wellnumber:	155-R
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003274

BD353
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003374**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05920085
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	11.629
Locationde:	Not Reported		
Glat:	33.6347		
Glong:	-117.947631		
Gissourcec:	gps		
Comments:	50401138.ssf		
Leasename:	Banning	Wellnumber:	145
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AWF	Site id:	CAOG9A000003374

AW354
NW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003717**

Districtnu:	1	Apinumber:	05921230
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Barto Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.641173		
Glong:	-117.943104		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Byron	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003717

AW355
NW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003699**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05921236
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Barto Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.640639		
Glong:	-117.943743		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Nancy	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003699

BB356
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003370**

Districtnu:	1	Apinumber:	05920776
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	8.492
Locationde:	Not Reported		
Glat:	33.634558		
Glong:	-117.947692		
Gissourcec:	gps		
Comments:	50401138.ssf		
Leasename:	Banning	Wellnumber:	274
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003370

357
NW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003730**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905852
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	R. B. Watkins & Franwin Oil		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.641662		
Glong:	-117.942521		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Vincenti Et Al	Wellnumber:	82
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003730

AW358
NW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003714**

Districtnu:	1	Apinumber:	05921232
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Barto Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.641163		
Glong:	-117.943207		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Ocean View	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003714

BD359
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003397**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05920280
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	8.994
Locationde:	Not Reported		
Glat:	33.635064		
Glong:	-117.947578		
Gissourcec:	gps		
Comments:	50401138.ssf		
Leasename:	Banning	Wellnumber:	217
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003397

AY360
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003433**

Districtnu:	1	Apinumber:	05921252
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	10.845
Locationde:	Not Reported		
Glat:	33.63575		
Glong:	-117.94732		
Gissourcec:	gps		
Comments:	50401138.ssf		
Leasename:	Banning	Wellnumber:	91-R
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003433

AW361
NW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003715**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05921231
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Barto Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.641166		
Glong:	-117.943289		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Ocean View	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003715

AY362
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003448**

Districtnu:	1	Apinumber:	05905765
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	5.734
Locationde:	Not Reported		
Glat:	33.635939		
Glong:	-117.947317		
Gissourcec:	gps		
Comments:	50401138.ssf		
Leasename:	Banning	Wellnumber:	91
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003448

BB363
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003333**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05920581
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	82.238
Locationde:	Not Reported		
Glat:	33.633762		
Glong:	-117.948034		
Gissourcec:	gps		
Comments:	50401088.ssf		
Leasename:	Banning	Wellnumber:	221
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003333

BF364
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003286**

Districtnu:	1	Apinumber:	05920319
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	11.255
Locationde:	Not Reported		
Glat:	33.632613		
Glong:	-117.948246		
Gissourcec:	gps		
Comments:	50401138.ssf		
Leasename:	Banning	Wellnumber:	177
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003286

AY365
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003455**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05920211
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	3.942
Locationde:	Not Reported		
Glat:	33.636122		
Glong:	-117.947279		
Gissourcec:	gps		
Comments:	50401138.ssf		
Leasename:	Banning	Wellnumber:	212
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003455

BD366
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003420**

Districtnu:	1	Apinumber:	05920113
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	10.31
Locationde:	Not Reported		
Glat:	33.635524		
Glong:	-117.947537		
Gissourcec:	gps		
Comments:	50401138.ssf		
Leasename:	Banning	Wellnumber:	160
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PAI	Site id:	CAOG9A000003420

BA367
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003593**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905763
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Mobil Oil Corporation		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.638437		
Glong:	-117.945976		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Banning	Wellnumber:	89
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003593

BA368
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003594**

Districtnu:	1	Apinumber:	05920958
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	25.952
Locationde:	Not Reported		
Glat:	33.638443		
Glong:	-117.945978		
Gissourcec:	gps		
Comments:	50401128.ssf		
Leasename:	Banning	Wellnumber:	427
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003594

BD369
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003382**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05921260
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	11.123
Locationde:	Not Reported		
Glat:	33.634831		
Glong:	-117.947824		
Gissourcec:	gps		
Comments:	50401138.ssf		
Leasename:	Banning	Wellnumber:	456
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003382

BB370
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003328**

Districtnu:	1	Apinumber:	05921025
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	76.544
Locationde:	Not Reported		
Glat:	33.63368		
Glong:	-117.948152		
Gissourcec:	gps		
Comments:	50401088.ssf		
Leasename:	Banning	Wellnumber:	325
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003328

BB371
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003355**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05921255
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.6343		
Glong:	-117.948		
Gissourcec:	gps		
Comments:	Not Reported		
Leasename:	Banning	Wellnumber:	444
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AWF	Site id:	CAOG9A000003355

AZ372
NW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003683**

Districtnu:	1	Apinumber:	05905491
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Barto Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.640345		
Glong:	-117.944371		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Mc Kee	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003683

BB373
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003326**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05904549
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Mobil Oil Corporation		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.633589		
Glong:	-117.948186		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Banning	Wellnumber:	23-R
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003326

AZ374
NW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003667**

Districtnu:	1	Apinumber:	05905737
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	98.035
Locationde:	Not Reported		
Glat:	33.639908		
Glong:	-117.944833		
Gissourcec:	gps		
Comments:	50401238.ssf		
Leasename:	Banning	Wellnumber:	60
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003667

BD375
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003436**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05921119
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.635802		
Glong:	-117.947572		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Banning	Wellnumber:	448
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003436

BB376
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003331**

Districtnu:	1	Apinumber:	05904548
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Mobil Oil Corporation		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.633736		
Glong:	-117.948248		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Banning	Wellnumber:	23
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003331

BE377
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003524**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05920294
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	12.046
Locationde:	Not Reported		
Glat:	33.637185		
Glong:	-117.946946		
Gissourcec:	gps		
Comments:	50401228.ssf		
Leasename:	Banning	Wellnumber:	226
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003524

BF378
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000003292**

Districtnu:	1	Apinumber:	05905799
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	15.447
Locationde:	Not Reported		
Glat:	33.632831		
Glong:	-117.948445		
Gissourcec:	gps		
Comments:	50401138.ssf		
Leasename:	Banning	Wellnumber:	148
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000003292

379
SE
1/2 - 1 Mile

OIL_GAS **CAOG9A000003098**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05901228
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	The Superior Oil Company		
Countyname:	Orange	Fieldname:	Any Field
Areaname:	Any Area		
Section:	27		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.620944		
Glong:	-117.919198		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Irvine	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000003098

BE380
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003557**

Districtnu:	1	Apinumber:	05920365
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	12.463
Locationde:	Not Reported		
Glat:	33.637717		
Glong:	-117.946694		
Gissourcec:	gps		
Comments:	50401228.ssf		
Leasename:	Banning	Wellnumber:	181
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PAI	Site id:	CAOG9A000003557

BD381
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003398**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05905713
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	6.963
Locationde:	Not Reported		
Glat:	33.635069		
Glong:	-117.948009		
Gissourcec:	gps		
Comments:	50401138.ssf		
Leasename:	Banning	Wellnumber:	37-R
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003398

BD382
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003391**

Districtnu:	1	Apinumber:	05905712
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Mobil Oil Corporation		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.634969		
Glong:	-117.948044		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Banning	Wellnumber:	37
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003391

383
NW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003694**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05921070
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Barto Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.640574		
Glong:	-117.944472		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Barto	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003694

BD384
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000003422**

Districtnu:	1	Apinumber:	05921109
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	West Newport Oil Co.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	20		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	7.545
Locationde:	Not Reported		
Glat:	33.635549		
Glong:	-117.947862		
Gissourcec:	gps		
Comments:	50401138.ssf		
Leasename:	Banning	Wellnumber:	449
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000003422

385
SE
1/2 - 1 Mile

OIL_GAS **CAOG9A000003089**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05901043
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	La Habra Valley Land & Water Co.		
Countyname:	Orange	Fieldname:	Any Field
Areaname:	Any Area		
Section:	27		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.62001		
Glong:	-117.920247		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000003089

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
92627	44	2

Federal EPA Radon Zone for ORANGE County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for ORANGE COUNTY, CA

Number of sites tested: 30

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.763 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{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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PA2014-110

CITY OF NEWPORT BEACH

COMMUNITY DEVELOPMENT

January 23, 2014

Valerie Marshall
valerie.marshall@ecobilitycorp.com

RE: CALIFORNIA PUBLIC RECORDS ACT REQUEST DATED JANUARY 14, 2014 NOTICE OF DETERMINATION

The City of Newport Beach ("City") has received and reviewed your California Public Records Act request dated January 14, 2014. This correspondence will serve as the City's notice of determination as to whether the request, in whole or in part, seeks the production of non-exempt, non-privileged disclosable public records in the possession of the City, pursuant to the California Public Records Act ("PRA") (Government Code §§ 6250 *et seq.*).

For sake of clarification, you have requested "certificate of occupancy" and "fire inspection records" for 1560 and 1570 Placentia Ave.

I have reviewed the records and attached all available responsive documents. Please note that the City is not in possession of records responsive to your request for "certificate of occupancy" for the subject property.

Please do not hesitate to contact the undersigned should you have additional questions at 949-644-3293.

Sincerely,

Lanny Krage
Records Specialist

100 Civic Center Drive · Post Office Box 1768 · Newport Beach, California 92658-8915
Telephone: (949) 644-3200 · Fax: (949) 644-3229 · www.newportbeachca.gov

PA2014-110

Newport Beach Fire Department

All Inspection Data

PO Box 1768 Newport Beach, CA 92658-8915 (949) 644-3106

Inspection Data

Address:		Grid:	Assigned To:	Data ID:	Inspection Cycle:
1560 PLACENTIA AVE		**4422Z**	**NE62C**	**8077**	**12 Months**
Building Type: **N/A**	*Inspection Type:* **Building**	*Sq Ft:* **0**	*Occ Type:* **R-3**	*Occ Load:* **0**	*Next Inspection:* **Apr 1, 2014**
Business Name: **Ebbtibe Mobile Home Park**		*Business Phone:* **(714) 548-7421**	*Preplan:* **No** *Hazmat:* **No**	*Last Action:* **Action: Inspect Date: Jun 21, 2013 By: Brett Sutherland**	
Building Name: **N/A**		*Owner / Responsible Party:* **Ray Toste** *E-Mail:* **N/A**		*Owner / Responsible Party Phone:* **(949) 764-9210** *Mobile Phone:* **N/A**	
Hood: **No**	*Dry Chem:* **No** *CO2:* **No**	*Other System(s):* **N/A**		*Knox Box Loc:*	

Notes:
No hydrants onsite.

Reqd Permits:

Systems Data

Sprinkler System:	Standpipe System:	Alarm System:
N/A	**N/A**	**N/A**
Sprinkler 5 Year Date:	*Standpipe 5 Year Date:*	*Alarm Panel Location:* **N/A**
Riser Location: **N/A**	*Standpipe Location:* **N/A**	*Highrise:* **No** *Fire Pump:* **No** *Fire Lanes:* **No**
Insp Test Valve Location: **N/A**	*FDC Location:* **N/A**	*Emergency Generator:* **No** *Archive:* **No**

Violations

Issued	Status	Inspector	Description
4/26/99	Cleared	Matheis, Paul	Electrical panel and equipment shall have a minimum clearance or 30".
4/26/99	Cleared	Matheis, Paul	Provide approved storage cabinet or inside storage room for all flammat liquids.
4/26/99	Cleared	Matheis, Paul	Good housekeeping. Arrange storage in an orderly manner and provide l exiting and FD access.
4/17/01	Cleared	Duncan, Chip	Replace flex line for gas in laundry room
4/17/01	Cleared	Duncan, Chip	Remove combustible storage in boiler, mechanical, or electrical rooms.

Printed: 01/21/2014

PA2014-110

4/17/01	Cleared	Duncan, Chip	Good housekeeping. Arrange storage in an orderly manner and provide f exiting and FD access.
5/2/05	Cleared	Gamble, Ron	Electrical panel and equipment shall have a minimum clearance of 30".
5/2/05	Cleared	Gamble, Ron	clean behind washer/dryers in laundry room and repair dryer vents

PA2014-110

WB-RB8-FileReview8 <FileReview8@waterboards.ca.gov>
RE: RECORDS REQUEST
January 15, 2014 3:55 PM

Hello, I show no record for 1560 and 1570 Placentia Avenue, Newport Beach, CA
775-777 West 16th Street, Costa Mesa, CA. If you have any questions please call 951-782-4499. Thanks

From: Valerie Marshall [mailto:valerie.marshall@ecobilitycorp.com]
Sent: Tuesday, January 14, 2014 3:44 PM
To: WB-RB8-FileReview8
Subject: RECORDS REQUEST

To Whom It May Concern,

I am requesting any available environmental documents or records for the following addresses:

1560 and 1570 Placentia Avenue, Newport Beach, CA
775-777 West 16th Street, Costa Mesa, CA

Please call me at 310 847-9972 with any questions.

Thank you for your time.

Valerie

Valerie Marshall REA II
Principal
Ecobility Corporation

(310) 910.1499 office
(310) 377.3745 fax
(310) 847.9972 cell
valerie.marshall@ecobilitycorp.com

The information contained in this e-mail is intended only for the individual or entity to whom it is addressed. Its contents (including any attachments) may contain confidential and/or privileged information. If you are not an intended recipient, you must not use, disclose, disseminate, copy or print its contents. If you receive this e-mail in error, please notify the sender by reply e-mail and delete and destroy the message.
Please consider the environment before printing this e-mail

PA2014-110

Department of Toxic Substances Control

Deborah O. Raphael, Director
5796 Corporate Avenue
Cypress, California 90630

Matthew Rodriquez
Secretary for
Environmental Protection

Edmund G. Brown Jr.
Governor

January 16, 2014

Valerie Marshall
ECOBILITY CORPORATION
P.O. Box 2651
Palos Verdes Peninsula, CA 90274

SEE ATTACHED SHEET
PR#40115146

Dear Ms. Marshall:

The Department of Toxic Substances Control has received your letter to review records under the Public Records Act.

After a thorough review of our files we have found that no such records exist at this office pertaining to the site/facility referenced above.

We would like to inform you about EnviroStor, a database that provides information and documents on over 5,000 DTSC cleanup sites. EnviroStor can be accesses at: http://www.envirostor.dtsc.ca.gov/public. Also, a computer is available at each DTSC Regional File Room Office for use by community members to view EnviroStor.

If you have any questions or would like further information regarding your request, please contact our Regional Records Coordinator at (714) 484-5337.

Sincerely,

Julie Johnson
Regional Records Coordinator

RECEIVED
JAN 21 2014

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PA2014-110

PR401151 46

FAX TRANSMITTAL

DATE: January 15, 2014

NUMBER OF PAGES: 1
(Including this one)

TO: DTSC –Ms. Julie Johnson
PUBLIC RECORDS COORDINATOR
CYPRESS REGIONAL OFFICE

FAX: (714) 484-5318

FROM: Valerie Marshall
Principal

FAX: (310) 377-3745

Public Records Coordinator:

I am requesting a file review for the following properties:

- 1560-1570 Placentia Avenue, Newport Beach, CA
- 775-777 West 16th Street, Costa Mesa, CA

Please call me if records are available.

If you have any questions, please call me at the office (310) 910-1499 or via cellphone at (310) 847-9972.

Thank you.

Valerie Marshall

Valerie Marshall
Principal
Ecobility Corporation

DTSC
JAN 15 2014
CYPRESS

PA2014-110

Information Management
Public Records Unit

Direct Dial (909) 396-3700
Fax:(909) 396-3330

COMPLETION LETTER

January 17, 2014

VALERIE MARSHALL
ECOBILITY CORPORATION
P.O. BOX 2651
PALOS VERDES PENINSULA, CA 90274

Ref.: CONTROL NO. 75267
Received 1/16/2014

Re: P/O'S, NOV'S & I/R'S FOR 1560-1570 PLACENTIA AVE., NEWPORT BEACH, CA.

After a thorough search of this agency's records:

NO REQUESTED RECORDS WERE FOUND FOR THE ABOVE-REFERENCED FACILITY OR FACILITY SITE.

If you have any questions, please do not hesitate to contact me, Tuesday through Friday, **8:00 a.m**. to **4:30 p.m.**

Sincerely,

JACOB ALLEN x2282
For Colleen Paine
Public Records Coordinator

:ja

PA2014-110

Lisa Ramos <lramos1@aqmd.gov>
#75257,
February 7, 2014 7:42 AM

VALERIE MARSHALL
CONTROL 75257

I HAVE ATTACHED THE AVAILABLE REQUESTED DOUCMENTS FOR THIS REQUEST.

Lisa Ramos
Public Records Unit
909.396.3211

Information Management
Public Records Unit

Direct Dial (909) 396-3700
Fax:(909) 396-3330

COMPLETION LETTER

February 07, 2014

VALERIE MARSHALL
ECOBILITY CORPORATION
PO BOX 2651
PALOS VERDES, CA 90274

Ref.: CONTROL NO. 75257
Received 1/16/2014

Re: P/O'S, NOV'S & IR'S FOR 775-777 W. 16TH STREET, COSTA MESA, CA 92663.

After a thorough search of this agency's records, the following records were found:
P/O'S FOR 775-777 W. 16TH STREET, COSTA MESA, CA 92663.

The following records were not found:
P/O'S, NOV'S & IR'S FOR 775-776 & NOV'S & IR'S FOR W. 16TH STREET, COSTA MESA, CA 92663.

PA2014-110

YOUR REQUESTED RECORDS WERE PROVIDED ELECTRONICALLY ON 02/07/2014

If you have any questions, please do not hesitate to contact me, Tuesday through Friday, **8:00 a.m**. to **4:30 p.m.**

Sincerely,

LISA RAMOS x3211
For Colleen Paine
Public Records Coordinator

:lr

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

PERMIT to OPERATE

SOUTHERN ZONE - 1610 E. Ball Road, Anaheim, California 92805

S 01273

Operation under this permit must be conducted in compliance with all information included with the initial application and the initial permit conditions. The equipment must be properly maintained and kept in good operating condition at all times. In accordance with Rule 206, this Permit to Operate or copy must be posted on or within 8 meters of equipment.

LEGAL OWNER OR OPERATOR: FLEXIBLE METAL HOSE MFG. COMPANY — APPL. NO. 01951A

EQUIPMENT LOCATED AT: 777 WEST 16TH STREET,COSTA MESA, CALIFORNIA 92627

EQUIPMENT DESCRIPTION AND CONDITIONS:

DEGREASING SYSTEM CONSISTING OF:

1. DEGREASER, DELTA VAPOR-SPRAY TYPE, MODEL NO. NP3-2418 LVS, 2'-10" W. x 6'-10" L. x 6'-2" H., SERIAL NO. D-7022, 30 KVA ELECTRICALLY HEATED, WITH A 1/3 H.P. SPRAY PUMP.
2. SOLVENT STILL, DELTA, MODEL NO. DS-20, 2'-6" W. x 2'-6" L. x 5'-6" H., SERIAL NO. D-7023, 18 KVA ELECTRICALLY HEATED WITH A 2 H.P. TRANSFER PUMP.

(CONTINUED ON PAGE 2)

FILE COPY

This initial permit must be renewed by MARCH 29, 1979 or an earlier date if equipment is moved, altered, or changes ownership. If billing for annual renewal fee (Rule 301.f) not received by expiration date, contact Zone office above.

This permit does not authorize the emission of air contaminants in excess of those allowed by Division 26 of the Health and Safety Code of the State of California or the Rules of the Air Quality Management District. This permit cannot be considered as permission to violate existing laws, ordinances, regulations or statutes of other government agencies.

SCAQMD 008 2500Da 329R

hf VOID UNLESS VALIDATED

AIR POLLUTION CONTROL OFFICER

BY Virginia May

DATE 3/29/78

76P235S- 2/77

PA2014-110

COUNTY OF ORANGE
HEALTH CARE AGENCY

PUBLIC HEALTH SERVICES
ENVIRONMENTAL HEALTH

Excellence
Integrity
Service

MARK A. REFOWITZ
DIRECTOR

DAVID M. SOULELES, MPH
DEPUTY AGENCY DIRECTOR

DENISE FENNESSY, REHS
DIRECTOR
ENVIRONMENTAL HEALTH

MAILING ADDRESS:
1241 E. DYER RD., #120
SANTA ANA, CA 92705-5611

TELEPHONE: (714) 433-6000
FAX: (714) 754-1732
E-MAIL: ehealth@ochca.com

1/30/2014

VALERIE MARSHALL
P.O. BOX 2651

PALOS VERDES PENNISU CA 90274-

RE: EHD REQ #: 21811

1570 PLACENTIA AVE. NEWPORT BEACH CA AND 775,777 W. 16TH ST. COSTA MESA CA

Attached, please find the information that you have requested.

The information was prepared in the ordinary course of the business concerned at or near the time of the act, condition, or event, which they depict.

If you have any question, please call this office at (714) 433-6022.

Environmental Health Records Unit

Attachment(s):
112 Pages

Orange County TAX ID: 95-6000-928W

EHD RECORDS PROVIDED

Appendix E:

QUALIFICATIONS

Valerie Marshall
Principal Environmental Scientist

PROFESSIONAL EXPERIENCE

November 2009 to Present – Ecobility Corporation – Principal Environmental Scientist
Responsible for providing direct technical oversight of advanced environmental projects including, but not limited to Phase I and Phase II ESAs of industrial, commercial and multi-family residential properties, underground storage tank and dry cleaners site investigations and remediation. Additional responsibilities include development and implementation of green building and sustainability consulting and analysis to support LEED and other green building projects.

April 1997 to November 2008 - Professional Service Industries, Inc.., Long Beach, California
1997 - 2008: Senior Environmental Engineer/Senior Technical Professional
Was technical lead for the design and implementation of various environmental investigations for projects located throughout Southern California. Additionally, as Senior Technical Professional she was responsible for the review of advanced environmental proposals and reports, and the coordination of environmental field sampling programs for project completed in Southern California. Responsibilities included direct oversight of projects including, but not limited to Phase II ESA site investigations and remediation of a wide range of soil and groundwater contaminants including petroleum products, chlorinated pesticides, heavy metals and PCBs, and Phase I ESAs of commercial, industrial, and multifamily residential properties. She was also responsible for managing an environmental contract with Caltrans for projects located in Southern California. Sites investigated encompassed a wide range of property types, including but not limited to service stations, railroad right of ways, automobile salvage yards, auto shredder facilities and dry cleaners located along freeway corridors. Soil and groundwater was assessed to delineate potential impacts to freeway development and expansion. Other responsibilities as Senior Technical Professional included mentoring environmental staff in field environmental sampling, testing, data analyses and report preparation.

2005 - 2008: Principal Consultant Western Region of PSI
Responsible for providing direct technical oversight of advanced environmental projects including, but not limited to underground storage tank and dry cleaners site investigations and remediation, Phase I and Phase II ESAs of industrial, commercial and multi-family residential properties. Additional responsibilities included providing quality control of environmental staff; reviewing Phase I and Phase II ESA, and advanced environmental proposals and reports for offices located in the Western U.S. Her responsibility was to provide direct project oversight from proposal development to design and implementation of site remediation and mitigation of contamination as part of brownfields development and regulatory compliance. Projects have included redeveloping a former plating facility, dry cleaning facilities, numerous former gasoline service stations, multifamily residential, aerospace, a former burn dump, and retail properties into multi-use properties containing commercial/retail and residential space. Contaminant issues have ranged from chlorinated pesticides used for agricultural and residential pest control, petroleum products and service stations, chlorinated solvents and dry cleaners, heavy metals and solvents related to plating and aerospace operations, and methane related to its natural occurrence in Los Angeles. Ms. Marshall managed these projects from the initial Phase I ESA through mitigation or remediation with many of these projects being overseen by the DTSC and

local regulatory jurisdictions. Work products have included Phase I ESAs, Phase II ESAs, complete site characterization, human health risk assessments, the preparation of a Property Mitigation Plan, Pesticide Management Plans, Sampling and Analysis Plans, Remedial Action Workplans, and preparation and submittal of Remedial Action Closure Reports. Ms. Marshall has worked under the Voluntary Cleanup Program and the AB389 programs with DTSC and County of San Diego, Department of Health. Ms. Marshall managed a special project from 2004 to 2008 that involved the assessment and mitigation of soil impacted with chlorinated pesticides in five naval communities located in Honolulu, Hawaii. She managed this project with a staff of 3 to 8 environmental professionals from the initial Phase I ESA through implementation of mitigation measures under the guidance of the US Navy and the State of Hawaii, Department of Health.

September 1981 to March 1997 - BKK Corporation, Torrance, CA
2/89 – 3/97: Corporate Environmental Engineer
Primary responsibility was corporate wide regulatory compliance oversight that included a closed Class I Landfill, an active Class III Landfill, an underground storage tank removal division, and a liquid hazardous waste treatment facility. Over an 8-year period she served as lead engineer on numerous petroleum underground storage tank projects that involved identifying and delineating soil and groundwater contamination and development of remediation or mitigation solutions. These projects included numerous service stations and industrial and commercial clients that involved UST compliance, release detection, delineation of soil and groundwater contamination, and the design and implementation of remediation and mitigation programs for both soil and groundwater. Ms. Marshall was involved with over a 100 of these types of projects. She designed and implemented a variety of remediation and mitigation programs including conventional excavation and disposal of impacted soil, excavation of soils and onsite treatment with vapor extraction, bioaugmentation, and fixation techniques; vapor extraction programs using activated carbon or thermal oxidation; groundwater extraction and treatment with air stripping, activated carbon and natural attenuation monitoring.

During her tenure, two she served as principal principal investigator and project manager for two significant long-term projects. These projects included the technical evaluation and permitting of a new aboveground Class I Landfill located in San Bernardino County and a new Class III Landfill located in northern Los Angeles County. Her responsibilities included the oversight of environmental consultants preparing a joint EIR/EIS and EIS for both projects and the drafting of a RCRA Part B Permit for the Class I Repository. An EIS was successfully approved for the aboveground Class I Landfill and a joint EIR/EIS was completed for a new Class III Landfill. Both projects were completed over a 4 to 7 year period. Ms. Marshall was directly responsible for coordinating the collection of biological, geologic and hydrogeologic data for inclusion in both environmental reports. Responsibilities included supervision and coordination of subconsultants, subsurface drilling and sampling of soil and groundwater, installation of a groundwater monitoring system, conducting quarterly monitoring, seismic refraction studies, and fault mapping and design and development of mitigation measures for inclusion in the environmental reports. Worked under the jurisdiction of the Los Angeles County Planning Department, CalEPA, Los Angeles Regional Water Quality Control Board, CIWMB, and the United States Forest Service.

2/81 – 2/89: Project Engineer/Senior Engineer
Responsibilities in this position were primarily regulatory compliance and management and design of remedial investigation and feasibility studies for closed Class II and III landfills located in Southern California. Ms. Marshall served as the lead Project Engineer for the assessment

and mitigation of two former Class II/III landfills (Cal Compact and Carson Dump) and a liquid hazardous waste disposal site (Basin By-Products) under the regulatory jurisdiction of the Department of Toxic Substance Control (DTSC). This included preparation of remedial investigation plans (RI), assessing baseline conditions of soil, landfill gas and groundwater quality, delineation of soil, landfill gases and groundwater contamination and the drilling and installation of groundwater and landfill gas monitoring systems. Ms. Marshall was responsible for developing and implementation of mitigation measure to prevent future exposure to buried landfill and liquid hazardous wastes. Mitigation measures included the design and installation of a landfill gas collection and treatment system and installation of an engineered landfill cap. Mitigation measures designed and implemented for the former liquid hazardous waste facility included partial removal of contaminated soil and a paved cap. As Senior Engineer she also provided regulatory permit assistance to a liquid hazardous waste recycling facility located in San Diego, California. Ms. Marshall was personally responsible for obtaining a RCRA Part B facility permit for the recycling facility through the DTSC. As Senior Engineer she also coordinated the groundwater monitoring program for a closed Class I Landfill under a RCRA Consent Order located in West Covina, California. Her responsibilities included the delineation of contamination and evaluation of migration patterns, review and evaluation of groundwater data, preparation of quarterly and annual reports for submittal to EPA and RWQCB. Worked under the jurisdiction of the US EPA, Los Angeles Regional Water Quality Control Board (RWQCB), DTSC and the California Integrated Waste Management Board (CIWMB).

EDUCATION

M.S., Environmental Engineer, University of Southern California 1983
B.S., Biology/Chemistry, University of Southern California 1979

CERTIFICATIONS/REGISTRATIONS

Registered Environmental Assessor II, #30151, 2009
Certificate, Environmental Management, University of Southern California 1981
Certified, State of California, Department of Health Services, Asbestos Analysis and Identification

Michael M. Mooradian
Principal Environmental Scientist

PROFESSIONAL EXPERIENCE

November 2009 – Present – Ecobility Corporation – Vice President & Principal Environmental Scientist
Principal Environmental Scientist and Hydrologist. Responsible for Client Programs and Projects focusing on environmental due diligence, risk assessments and remediation programs, energy use benchmarking, alternative energy recommendations, and hydrologic programs. Mr. Mooradian's role also includes principal investigator and client manager on major environmental projects including projects soil and groundwater contamination investigations, risk assessments and mitigation; brownfields redevelopment, energy programs and green construction consulting; and hydrologic studies including storm-water runoff, conservation and reuse programs, water supply development, and water resource studies. He has participated as an ASTM committee member for developing guidance for both vapor intrusion and energy benchmarking. Mr. Mooradian has provided a wide range of hydrologic services to agricultural, mining, and industrial clients across California and Arizona. He has been on the forefront of assessing risks associated with pesticides, soil-gas and vapor intrusion testing and assessments, groundwater contaminant migration, and designing and managing remediation programs for sites with soil and/or groundwater contamination. Mr. Mooradian complements his technical expertise with his experience in commercial real estate and business management to provide clients with a pragmatic approach in developing environmental solutions.

August 2008 – November 2009 – Private Consulting
Providing business and technical consulting for various companies including conducting environmental site assessments for property transactions, strategic planning with Client teams regarding environmental conditions and their mitigation to minimize impacts to future property development. In addition, over the past year he has provided my services to a major environmental data provider in the development of online training for environmental professionals across the United States; provided technical consultation to public groups regarding potential impacts from a historic landfill in the Los Angeles area; and regular participation as a task force member for ASTM in developing "green" building and energy procedures for complying with new climate and energy regulations. Much of his work focused on providing consultation to both residential and commercial developers on the financial impacts of environmental conditions and guidance on streamlining regulatory processes to obtain development approvals.

July 1995 - August 2008 – Professional Service Industries, Inc.
Senior Vice President/Principal in Charge of Advanced Environmental Services. Top environmental position within PSI responsible for strategic planning, fee growth, technical advancement, business development, recruiting, and staff development across the United States. During his tenure, Mr. Mooradian was also responsible for all (18 profit centers) operations including environmental due diligence services, advanced environmental, industrial hygiene, geotechnical, facilities, and construction materials testing and inspection services in California, Arizona, and Hawaii.
Contributions include:

- Client and Program manager for key clients including U.S. Navy, Caltrans, mixed-use developers, municipalities, lenders, and industrial on properties that included transportation, military housing, mixed-use commercial/residential, programs, brownfield redevelopment, and manufacturing facilities.
- Designed and conducted environmental assessments, human health risk assessments,

and mitigation measures and numerous unique projects including chlorinated solvent plumes in groundwater, chlordane and other chlorinated pesticide conditions in residential areas, arsenic mitigation in soils, petroleum spills from fueling stations and pipelines, and vapor intrusion from chlorinated solvents from dry cleaners to manufacturing.

- Provided Clients with consultation regarding compliance programs and permitting including the preparation of Storm Water Pollution Plans, Pesticide Management Plans, Spill Pollution
- Strategic planning and budget development for services across the United States including projected revenues and expenses on a monthly basis used to establish targets for individual operations.
- Successfully entered PSI into the Military Privatization market through Client relationships including being awarded five military communities near Pearl Harbor, Hawaii. Served as program manager and principal investigator for environmental conditions on military housing projects in Hawaii, Utah, Alabama, and Illinois.
- Fee Growth of the service line by an additional 30% and recognition as the highest growth service line during the company's most profitable year in 2006,
- Restructuring of the Company's Quality of Service Program for environmental projects,
- Comprehensive Client Awareness and Staff Training Program for the 2005 implementation of EPA's All Appropriate Inquiries Rule and the new ASTM E 1527-05 standard for environmental due diligence projects,
- Program and market development of vapor intrusion services at PSI,
- Establishment of project authorization protocols for remediation projects using contractual, technical, financial, and liability criteria.

1984-1995 – GeoResearch/GEOTEST, Long Beach, CA.
President – founded company as an environmental consulting firm focused on providing clients with solutions to their environmental concerns rapidly and cost efficiently. The company provided services to private, public, and military clients concerned about environmental due diligence, regulatory compliance, and health risk due to natural and man imposed conditions in soil and groundwater. The company expanded to include California accredited laboratories marketed to competitor consulting firms under the GEOTEST brand. With a staff of over 100 the company became a leading consultant to major oil companies, the U.S. Navy, the Port of Long Beach, Caltrans, aerospace manufacturing and other industrial clients, along with disposal facilities, major oil companies, and commercial clients. Responsible for strategic leadership including technical expert, staff recruiting and mentoring, business development, finance, and the profit and loss of the company. Established and maintained offices in Hayward, San Luis Obispo, Fresno, Honolulu, San Diego, and headquartered in Long Beach, California. Major contributions include:

- Developing the infrastructure of human resources, accounting, purchasing, contracting, and legal review to develop a company of this size,
- Developed the first and largest fleet of mobile laboratories in California serving the entire state from a central dispatch point,
- Secured financing for the growth of the firm,
- Growing the firm to fees of over $10 million annually,
- Established a repeat client based of both government and fortune 500 companies.

1980-1984 - Fugro/Earth Technology Corporation, Long Beach, CA.
Project Groundwater Hydrologist – Fugro/Earth Technology, a large national company, was a geotechnical firm specializing in large civil and military projects providing engineering, geology, and hydrology services. Served as primary investigator and project manager on a number of

large-scale hydrologic projects in the western United States. Served as lead investigator and troubleshooter for projects across the United States. Responsibilities included technical design and implementation, Client development, and project profitability. Contributions in this position were largely project related and included:

- Project hydrologist in charge of aquifer tests to assess groundwater supplies for the construction and operation of the MX Missile System in Utah and Nevada
- Groundwater modeling team member mapping groundwater conditions associated with storing high-level radioactive wastes in salt dome repositories in Mississippi, Louisiana, and east Texas
- Project Hydrologist in charge of design and construction supervision of high capacity water supply wells in the Oxnard Plain for both municipal and agricultural use
- Project Manager and Principal Investigator for assessing the groundwater basin, including developing a water budget, for the Santa Clara River to assess the impacts of sand and gravel mining Special Use and Conditional Use Permits on water supplies
- Project Hydrologist during the construction of the Palo Verde Nuclear Power Plant.
- Project Hydrogeologist for the preparation and first State of Wyoming approval for a new coal mine in the state.

EDUCATION

Master of Science in Hydrology, University of Arizona, 1983
Master of Science in Environmental Health, California State University, Fresno, 1979
Bachelor of Arts in Psychology, University of California, Los Angeles, 1976

CERTIFICATIONS/REGISTRATIONS/TECHNICAL TRAINING

Course Facilitator for Environmental Data Resources Inc.'s Environmental Due Diligence Course 101 – since 2009
Leadership in Energy and Environmental Design (LEED) Accredited Professional, 2009.
Professional Geologist, #861, North Carolina, 1987
Registered Environmental Assessor I & II, #00213, California, 1987
Responsible Managing Officer qualifying Ecobility Corporation for California Contractor's A and California Contractor's License, A, C57, HAZ classifications
Underground Storage Tank (UST) Qualified, #C240-5617, Colorado, 1999

AFFILIATIONS/MEMBERSHIP

2010 Environmental Committee Member for the City of Rolling Hills Estates, CA.
2009-2010 Board of Directors American Council of Engineering Companies (ACEC) – California, Los Angeles Chapter,
2009 Committee Member ASTM on Green Energy Due Diligence
2008 to present – Advisory Committee for the Department of Geological Sciences, California State University, Long Beach,
1980 to Present Member Association of Groundwater Scientists/Engineers (AGSE),
1990 to Present Department Advisory Committee, University of Arizona, Department of Hydrology,
2006 to 2008 Committee Member ASTM Committee on Vapor Intrusion,
2007 to Present Director American Council of Engineering Consultants (ACEC) - Los Angeles,
2005 to 2007 Past President, American Council of Engineering Consultants (ACEC) - Los Angeles Chapter,
1980 to 1983 Past Director of the Southwest for the American Water Resources Association.

PUBLICATIONS

Mooradian, Michael, "The Impact of Urban Runoff: Assessment of the Potential for Groundwater

Pollution as a Result of Urban Runoff in the Tucson Area," Pima Association of Governments, 208 Project, 1980.
Mooradian, Michael, "Landfill Leachate and Groundwater Quality Analysis: El Camino del Cerro Landfill," Pima Association of Governments, 208 Project, 1980.
Mooradian, Michael, "Landfill Leachate and Groundwater Quality Analysis: Ina Road Landfill," Pima Association of Governments, 208 Project, 1980.
Mooradian, Michael, "Feasibility of Artificial Recharge in the Salt River Valley," Groundwater Recharge Symposium, Salt River Project, 1978.

Representative Phase I and II Environmental Site Assessment Project Experience

- McDonald's Corporation; Multiple Sites, California - Project manager for routine environmental and geotechnical assessments for scheduled property acquisition and development. Responsibilities include subsurface investigations to determine presence of likely contaminants, foundation studies, negotiations with owners and regulatory agencies, and general consulting services. Also provided consultation services as a third party reviewer of environmental assessments provided by sellers to client.
- Bank of America NA; Multiple Sites, California - Project manager for Phase I environmental site assessments (ESAs) and asbestos surveys as well as development of O&M plans. Quality services on over 100 sites throughout California. The ESA includes site reconnaissance, agency review, public records review including, but not limited to, NPL and FINDS listings, LUST and SWIS sites, and RWQCB and local health department agency listings, aerial photograph interpretation and report preparation.
- Archon Group; Multiple Sites – Client and program manager for environmental services provided to this major financial lending group. Responsibilities included Phase I and II ESAs, industrial hygiene (IH), and asbestos services for company owned and supported properties. PSI is an integral part of the Archon Acquisition and Disclosure team providing environmental services and consultation throughout the due diligence process. In responsible charge of this client since 1997, providing services for well over 500 properties.
- Hawaii Military Communities, LLC, Environmental Assessment and Property Condition Assessment Five Naval Housing Developments; Honolulu, Hawaii - Project director responsible for the environmental assessment of a $287,000,000 naval housing privatization project of five naval communities consisting of over 1,000 structures. Managed Phase I and II ESAs of multiple contaminants including petroleum and various chlorinated pesticides. An additional subsurface soil investigation for chlorinated pesticides and the development of a health risk assessment in accordance with EPA Superfund Guidance on Soil Screening Levels for these contaminants was conducted in support of a mitigation plan. Also directed asbestos surveys, lead-based paint (LBP) inspections, and risk assessments in accordance with the Code of Federal Regulations. Other services provided included mold surveys, property condition assessments (PCAs), and the preparation of SPCC, stormwater, hazardous material management, and pesticide application plans.

Representative Petroleum Project Experience

- US Department of Navy, Southwest Division; California, Arizona, and Nevada - Project manager for services related to environmental compliance of underground storage tank (UST) facilities with federal, state, and local regulations. These services include preparing tank operational plans, tank closure plans, conducting tank integrity tests, determining the stored contents in tanks, designing and installing leak detection systems, removing USTs, conducting subsurface remedial investigations, developing remedial alternatives, and preparing feasibility studies on naval facilities including but not limited to, hospitals, shipyards, stations, air bases, and marine camps. Investigated contamination problems related to USTs on more than 50 Department of Defense (DOD) facilities.
- Port of Long Beach; Long Beach, California - Project director responsible for USTs owned and operated by the Port and its designated tenants, brought 35 facilities into compliance. Projects included development of hazardous materials management plan, site investigations and remediation, tank removal, preparation of tank removal specifications and new tank installation. Remediation projects included excavation of contaminated soil, off-site disposal, onsite aeration and biodegradation, and free product recovery.
- Unocal; Sites throughout California - Project director of services to provide environmental services throughout California for the past six years. Projects included Phase I and II ESAs, soil and groundwater investigations, feasibility studies, and design, construction and

implementation of remediation programs. Services provided included: agency liaison, compliance programs, preparation of work plans, permitting, supervision of field operations including soil sampling, hydropunch sampling, soil gas testing, installation of vadose zone monitoring wells, and preparation of final report for client and regulatory agencies to satisfy monitoring requirements for existing facilities.

- BKK Landfill; West Covina, California - Project manager responsible for testing suitability of sewer sludge for daily cover. Included an assessment of the geotechnical suitability of the material as well as the flammability and the potential for environmental hazards including vector attraction of the cover material. Collected physical soil samples, completed field infiltration tests, monitored odor release, and completed vector analysis. The investigation was completed on four cells containing various percentages of the treated sewage sludges. A final report was prepared following guidelines set forth in Title 14 of the CFR.

Representative Hazardous Waste Project Experience

- Parker Hannifin Corporation; Irvine, California - Project manager responsible for an extensive soil and groundwater investigation at this high-tech manufacturing facility for the aerospace industry to determine the vertical and lateral extent of contamination from chlorinated solvents, as well as potential sources of this contamination.
- Sequa, Jet Services West; San Diego, California - Project manager for Phase a I ESA which indicated illegal dumping had occurred on the property. A subsurface investigation was conducted to delineate the vertical and lateral extent of contamination. A remedial action plan was designed and implemented.
- Glenfed Corporation; Confidential Site, California - Project manager responsible for a historical data search, interviews with previous owners, subsurface testing for heavy metals, chlorinated solvents, and PCBs. In addition, asbestos testing and removal was performed on building materials in the early stages of the project. About 50 drums containing various quantities of unknown materials were left on the property. As a result, an extensive drum sampling and removal program was conducted prior to beginning the field investigation. The third phase of this project included extensive wrapping of the subsurface for TPH, phenol, and PCB contamination. An investigative remediation plan which included excavation of the contaminated material, onsite segregation using a mobile laboratory, and final transportation and disposal at a licensed facility was prepared and implemented.
- Sequa, Jet Services West; San Diego, California - Project manager responsible for a Phase I property assessment and industrial audit to determine the disposition of a major jet engine manufacturing company pending acquisition. The audit identified several safety and regulatory compliance violations. Illegal disposal of hazardous waste on the site was also identified. Working closely with the potential buyer, the type of waste was identified (which included heavy metals, PCBs, chlorinated solvents, and pentachlorophenols) and the extent of the contamination was determined through drilling borings and conducting surface investigations. A remediation program was designed and implemented. The contaminated soil was excavated and segregated with the use of a mobile laboratory into nonhazardous, hazardous, and extremely hazardous stockpiles for transport to the appropriate disposal facilities.

Representative Regulatory Compliance Audit Project Experience

- Gamma-F Corporation; Torrance, California - Project manager for a toxic organics management plan for a wastewater treatment system per county sanitation requirements. Conducted employee hazardous materials training and prepared a hazardous communication program. Also prepared air toxics “Hot Spots” emissions inventory plan and inventory report in accordance with AB 2588.
- Besteel Corporation; California - Project manager responsible for a stormwater discharge

notice of intent under the statewide general permit and for preparing their stormwater pollution prevention plan and monitoring plan.

- Besteel Corporation; California - Project manager responsible for developing and completed an air toxics "Hot Spots" emission inventory plan in accordance with AB 2588, and a trip reduction plan in accordance with the South Coast Air Quality Management District's Regulation XV.
- Legoland; Carlsbad, California – Principal consultant responsible for the development and implementation of a stormwater management compliance program. Project included preparing a stormwater pollution prevention plan for the entire park along with identifying appropriate engineering best management practices to achieve compliance in a cost effective manner. Project responsibilities included working closely with the park's operations and both state and local regulatory agencies.

Representative Expert Witness/Litigation Project Experience

- Superior Court of Long Beach; Long Beach, California - Project manager for expert testimony on the source and extent of TCE contamination generated by a tenant and impacting the Long Beach Airport.
- Paul K. Fine, Applied Consultants; San Diego, California - Project manager for expert testimony on the work performed by another environmental consultant for an automobile garage on the effectiveness of a remediation program addressing soil/groundwater contamination from petroleum hydrocarbon/floating product removal.

Representative Other Hydrologic Assessment Project Experience

- Phoenix Urban Study, Salt River Valley; Phoenix, Arizona - Project manager responsible for coordination and contribution to the study plan for an artificial recharge demonstration project. Duties included extensive interviews and data collection from various local, state, and federal agencies involved in water resources in the Salt River Valley as well as formulating conclusions on the hydrologic and environmental feasibility of artificially recharging the groundwater regime in this region.
- Arizona Public Service; Yuma, Arizona - Project manager responsible for design of a groundwater monitoring program in compliance with a RCRA Part B applicant for an electric generation facility. Also implemented and operated the program.
- Arizona Public Service; Yuma, Arizona – As a project manager, conducted RCRA closure on two impoundments at the facility. Services included verification sampling and post closure monitoring.
- Palo Verde Nuclear Power Plant; Palo Verde, Arizona - Project hydrogeologist responsible for designing an emergency groundwater recovery system to supply cool down ware in case of a major catastrophe.
- Northern Energy Resources Corporation (NERCO); Wyoming - Principal investigator in the preparation of the first permitted mine in Wyoming. The program included conducting an alluvial valley floor study, baseline hydrologic assessment, the preparation of a mine plan, and a reclamation plan for the Antelope Mine outside of Douglas, Wyoming. The coal seams (Wyodak) were the shallow aquifers in the region separated by over, inter, and underburden materials.
- Jim Bridger Mine; Wyoming - Principal investigator responsible for analyzing aquifer test data of this mine on the great divide. Analysis included determining storage and transmissive properties of the coal seams that were subsequently used in determining groundwater inflow into the mine and subsequently used to design a dewatering program.
- Spring Creek Mine; Montana - Principal hydrologic investigator to assess groundwater conditions at a coal mine. Through conducting a number of long term pump tests and slug

tests, prepared a groundwater assessment of the mine and surrounding area and subsequently designed a dewatering program to manage groundwater during mining operations.

Representative Storm Water Management and Urban Runoff Project Experience

- Hawaii Military Communities, LLC, Storm Water Management, Environmental Assessment and Property Condition Assessment Five Naval Housing Developments; Honolulu, Hawaii – Project Director responsible for the technical oversight of an environmental assessment of a $287,000,000 naval housing privatization project of five naval communities consisting of over 1,000 structures located on over 200 acres of property. Developed and coordinated storm water management and pollution prevention plans that included multiple contaminants including petroleum and various chlorinated pesticides.
- Legoland, Carlsbad, CA. – Principal consultant responsible for the development and implementation of a storm water management compliance program. Project included preparing a storm water pollution prevention plan for the entire park along with identifying appropriate engineering best management practices to achieve compliance in a cost effective manner. Project responsibilities included working closely with the park's operations and both state and local regulatory agencies.
- Strata Project, San Diego, CA, - Design and implementation of storm water pollution prevention plan for the construction of a 22-story mixed-use commercial/residential high rise. Services included: oversight of BMPs including: temporary soil stabilization, sediment control, vehicle/equipment cleaning and fueling, material delivery and storage, contaminated soil management, employee and subcontractor training and site management. Provide consulting on compliance issues.
- Mixed Use Development, West Hollywood, CA – As part of an environmental assessment and remedial action a storm water management plan was developed for a mixed-use property that is currently a plating company.
- Redstone Arsenal, Huntsville, Alabama – Designed and implemented a storm water management plan during the phased re-construction of six (6) residential military communities. Responsibilities included: development of BMPs, oversight of maintenance, inspection and repair of construction site BMPs, and consulting on regulatory compliance issues.
- Centex Homes, Inc., - San Antonio, Texas – Principal consultant responsible for reviewing numerous storm water management plans for the construction of residential subdivisions throughout the state of Texas.

Representative Energy and Mining Project Experience

- Arizona Public Service; Yuma, Arizona - Project manager responsible for design of a groundwater monitoring program in compliance with a RCRA Part B applicant for an electric generation facility. Also implemented and operated the program.
- Arizona Public Service; Yuma, Arizona – As project manager conducted RCRA closure on two impoundments at the facility. Services included verification sampling and post closure monitoring.
- Palo Verde Nuclear Power Plant; Palo Verde, Arizona - Project hydrogeologist responsible for designing an emergency groundwater recovery system to supply cool down ware in case of a major catastrophe.
- Northern Energy Resources Corporation (NERCO) - Principal investigator in the preparation of the first permitted mine in Wyoming. The program included conducting an alluvial valley floor study, baseline hydrologic assessment, preparation of a mine plan, and a reclamation plan for the Antelope Mine outside of Douglas, Wyoming. The coal seams (Wyodak) were

the shallow aquifers in the region separated by over, inter, and underburden materials.

- Jim Bridger Mine; Wyoming - Principal investigator responsible for analyzing aquifer test data of this mine on the great divide. Analysis included determining storage and transmissive properties of the coal seams that were subsequently used in determining groundwater inflow into the mine and subsequently used to design a dewatering program.
- Spring Creek Mine; Montana - Principal hydrologic investigator to assess groundwater conditions at a coal mine. Through conducting a number of long term pump tests and slug tests, prepared a groundwater assessment of the mine and surrounding area and subsequently designed a dewatering program to manage groundwater during mining operations.

Representative Landfill Project Experience

- BKK Landfill; West Covina, California - Project manager for testing suitability of sewer sludge for daily cover. Included an assessment of the geotechnical suitability of the material as well as the flammability and the potential for environmental hazards including vector attraction of the cover material. Collected physical soil samples, completed field infiltration tests, monitored odor release, and completed vector analysis. The investigation was completed on four cells containing various percentages of the treated sewage sludges. A final report was prepared following guidelines set forth in Title 14 of the CFR.
- Ina Road Landfill; Tucson, Arizona - Designed and installed the first groundwater monitoring program for an active landfill in Arizona. The program included installing over 15 groundwater monitoring wells along the Santa Cruz River. Assessed the impacts of leachate generation from this municipal landfill on groundwater and surface water quality.
- Landfill along the Santa Cruz River; Tucson, Arizona - Conducted a groundwater assessment of an abandoned landfill. The landfill was previously used for municipal waste and sewage sludge. The assessment included sampling analysis of streamflow along the adjacent Santa Cruz River as well as from established monitoring wells and water supply wells down gradient from the landfill. The study included assessing heavy metal concentrations and attenuation in various soil types.
- BKK Landfill, Sports Park and Golf Course; West Covina, California - Project manager responsible for assessing and developing mitigation solutions for the development of portions of the landfill in as a sports park and golf course. Project included both the environmental and geotechnical aspects of the development and focused on storm water runoff, settlement, and biological impacts that may occur during development and operation.

Representative Transportation Project Experience

- California Department of Transportation (Caltrans); Los Angeles, California - Client Manager for eight separate indefinite delivery blanket type contracts for the past eight to ten years providing services related to hazardous waste management, emergency response, UST removals, environmental assessments, aerial lead surveys, soil and groundwater investigations throughout the state of California. Projects have included high profile MTBE studies in drinking water, contaminant transport assessment as a result of continuous dewatering along the 105 freeway in Los Angeles, lead concentrations in soil as a result of vehicle exhaust, lead studies associated with paints on the Oakland Bay Bridge, and countless property assessments as a result of right-away acquisitions and development.
- Louisiana Department of Transportation, Port of New Orleans; Louisiana - Senior technical professional on an environmental impact project (NEPA) for a new transportation corridor from I-10 to the Port of New Orleans.
- Metropolitan Transit Authority (MTA), Green Line/Red Line; Los Angeles, California - Project director for analytical services for various light rail projects. Responsibilities included coordinating onsite and conventional analytical services to identify potential hazardous

materials that may be identified during site clearance and construction.

- John Wayne Airport, Long Beach Airport, and Vacaville; California - Principal investigator on soil and groundwater contamination projects on airfields including FOBs, TCE spills, and tank investigations.

Appendix F:

ADDITIONAL DOCUMENTATION

1. Commercial Commitment

Form No. 1068-2
ALTA Plain Language Commitment

Commitment No.: NCS-648695-SA1
Page Number: 1

First American Title Company
National Commercial Services
18500 Von Karman Ave, Suite 600
Irvine, CA 92612

January 09, 2014

Vincent J. Le Pore III
Brown & Streza LLP
40 Pacifica, Suite 1500
Irvine , CA 92618
Phone: (949)453-2900x136
Fax: (949)453-2916

Customer Reference: Totah Family Partnership

Title Officer:	Bob Loera	Title Assistant:	Candyce Albright
Phone:	(949)885-2446	Phone:	(949)885-2443
Email:	rloera@firstam.com	Email:	calbright@firstam.com

Order Number: NCS-648695-SA1

Escrow Officer: Ryan Hahn
Phone: (949)885-2472
Email: rhahn@firstam.com

Property: 1560 Placentia Avenue, Newport Beach, CA

Attached please find the following item(s):

Commitment

Thank You for your confidence and support. We at First American Title Insurance Company maintain the fundamental principle:

Customer First!

First American Title Insurance Company

First American Title Insurance Company

INFORMATION

The Title Insurance Commitment is a legal contract between you and the company. It is issued to show the basis on which we will issue a Title Insurance Policy to you. The Policy will insure you against certain risks to the land title, subject to the limitations shown in the policy.

The Company will give you a sample of the Policy form, if you ask.

The Commitment is based on the land title as of the Commitment Date. Any changes in the land title or the transaction may affect the Commitment and the Policy.

The Commitment is subject to its Requirements, Exceptions and Conditions.

This information is not part of the title insurance commitment.

TABLE OF CONTENTS

		Page
Agreement to Issue Policy		3
Schedule A		
1.	Commitment Date	4
2.	Policies to be Issued, Amounts and Proposed Insured	4
3.	Interest in the Land and Owner	4
4.	Description of the Land	4
Schedule B-1 - Requirements		
Schedule B-2 - Exceptions		
Conditions		

YOU SHOULD READ THE COMMITMENT VERY CAREFULLY.
If you have any questions about the Commitment,
please contact the issuing office.

COMMITMENT FOR TITLE INSURANCE

Issued by

First American Title Insurance Company

Agreement to Issue Policy

We agree to issue a policy to you according to the terms of this Commitment.

When we show the policy amount and your name as the proposed insured in Schedule A, this Commitment becomes effective as of the Commitment Date shown in Schedule A.

If the Requirements shown in this Commitment have not been met within six months after the Commitment Date, our obligation under this Commitment will end. Also, our obligation under this Commitment will end when the Policy is issued and then our obligation to you will be under the Policy.

Our obligation under this Commitment is limited by the following:

The Provisions in Schedule A.

The Requirements in Schedule B-1.

The Exceptions in Schedule B-2.

The Conditions.

This Commitment is not valid without Schedule A and Sections 1 and 2 of Schedule B.

SCHEDULE A

1. Commitment Date: December 26, 2013 at 7:30 A.M.

2. Policy or Policies to be issued: Amount

   (A) ALTA Owner's Policy $22,000,000.00
   ALTA STANDARD OWNER POLICY - 2006

   Proposed Insured:

   MBK Homes Southern California Ltd., a California limited partnership

   (B) ALTA Loan Policy $0.00
   ALTA EXTENDED LOAN POLICY - 2006

   Proposed Insured:

   TO BE DETERMINED

3. (A) The estate or interest in the land described in this Commitment is:

   FEE

   (B) Title to said estate or interest at the date hereof is vested in:

   THE TOTAH FAMILY PARTNERSHIP, A CALIFORNIA LIMITED PARTNERSHIP

4. The land referred to in this Commitment is situated in the City of Newport Beach, County of Orange, State of California, and is described as follows:

   LOT 714 OF FIRST ADDITION OF NEWPORT MESA TRACT, AS SHOWN ON A MAP THEREOF RECORDED IN BOOK 8, PAGE 61 OF MISCELLANEOUS MAPS, RECORDS OF ORANGE COUNTY, CALIFORNIA.

   EXCEPT ONE-HALF OF ALL OIL OR OTHER HYDROCARBON SUBSTANCES, AS GRANTED TO HAZEL S. GREGG, BY DEED RECORDED JULY 14, 1953 IN BOOK 2537, PAGE 609, OFFICIAL RECORDS.

   ALSO EXCEPT ONE-QUARTER OF ALL OIL OR OTHER HYDROCARBON SUBSTANCES AS RESERVED IN THE DEED FROM FRANK STEM AND SIDONIA STEM, HUSBAND AND WIFE, RECORDED SEPTEMBER 10, 1959 IN BOOK 4873, PAGE 433, OFFICIAL RECORDS.

   ALSO EXCEPT THE WESTERLY 10 FEET OF SAID LAND AS CONDEMNED BY THE CITY OF NEWPORT BEACH UNDER SUPERIOR COURT CASE NO. 203614.

   APN: 424-131-18

SCHEDULE B

SECTION ONE

REQUIREMENTS

The following requirements must be met:

(A) Pay the agreed amounts for the interest in the land and/or the mortgage to be insured.

(B) Pay us the premiums, fees and charges for the policy.

(C) Documents satisfactory to us creating the interest in the land and/or the mortgage to be insured must be signed, delivered and recorded.

(D) You must tell us in writing the name of anyone not referred to in this Commitment who will get an interest in the land or who will make a loan on the land. We may then make additional requirements or exceptions.

(E) Releases(s) or Reconveyance(s) of Item(s): NONE

(F) Other: None

(G) You must give us the following information:
1. Any off record leases, surveys, etc.
2. Statement(s) of Identity, all parties.
3. Other: NONE

The following additional requirements, as indicated by "X", must be met:

[X] (H) Provide information regarding any off-record matters, which may include, but are not limited to: leases, recent works of improvement, or commitment statements in effect under the Environmental Responsibility Acceptance Act, Civil Code Section 850, et seq.

The Company's Owner's Affidavit form(as provided by company) must be completed and submitted prior to close in order to satisfy this requirement. This Commitment will then be subject to such further exceptions and/or requirements as may be deemed necessary.

[] (I) An ALTA/ACSM survey of recent date, which complies with the current minimum standard detail requirements for ALTA/ACSM land title surveys, must be submitted to the Company for review. This Commitment will then be subject to such further exceptions and/or requirements as may be deemed necessary.

[] (J) The following LLC documentation is required:
(i) a copy of the Articles of Organization
(ii) a copy of the Operating Agreement, if applicable
(iii) a Certificate of Good Standing and/or other evidence of current Authority to Conduct Business within the State
(iv) express Company Consent to the current transaction

[X] (K) The following partnership documentation is required **:**
(i) a copy of the partnership agreement, including all applicable amendments thereto
(ii) a Certificate of Good Standing and/or other evidence of current Authority to Conduct Business within the State
(iii) express Partnership Consent to the current transaction

[] (L) The following corporation documentation is required:
(i) a copy of the Articles of Incorporation
(ii) a copy of the Bylaws, including all applicable Amendments thereto
(iii) a Certificate of Good Standing and/or other evidence of current Authority to Conduct Business within the State
(iv) express Corporate Resolution consenting to the current transaction

[**X**] (M) Based upon the Company's review of that certain partnership/operating agreement dated **Not disclosed** for the proposed insured herein, the following requirements must be met:

Any further amendments to said agreement must be submitted to the Company, together with an affidavit from one of the general partners or members stating that it is a true copy, that said partnership or limited liability company is in full force and effect, and that there have been no further amendments to the agreement. This Commitment will then be subject to such further requirements as may be deemed necessary.

[] (N) A copy of the complete lease, as referenced in Schedule A, #3 herein, together with any amendments and/or assignments thereto, must be submitted to the Company for review, along with an affidavit executed by the present lessee stating that it is a true copy, that the lease is in full force and effect, and that there have been no further amendments to the lease. This Commitment will then be subject to such further requirements as may be deemed necessary.

[X] (O) Approval from the Company's Underwriting Department must be obtained for issuance of the policy contemplated herein and any endorsements requested thereunder. This Commitment will then be subject to such further requirements as may be required to obtain such approval.

[] (P) Potential additional requirements, if ALTA Extended coverage is contemplated hereunder, and work on the land has commenced prior to close, some or all of the following requirements, and any other requirements which may be deemed necessary, may need to be met:

[] (Q) The Company's "Mechanic's Lien Risk Addendum" form must be completed by a Company employee, based upon information furnished by the appropriate parties involved.

[] (R) The Company's "Indemnity Agreement I" must be executed by the appropriate parties.

[] (S) Financial statements from the appropriate parties must be submitted to the Company for review.

[] (T) A copy of the construction contract must be submitted to the Company for review.

[] (U) An inspection of the land must be performed by the Company for verification of the phase of construction.

SCHEDULE B

SECTION TWO

EXCEPTIONS

Any policy we issue will have the following exceptions unless they are taken care of to our satisfaction. The printed exceptions and exclusions from the coverage of the policy or policies are set forth in Exhibit A attached. Copies of the policy forms should be read. They are available from the office which issued this Commitment.

1. General and special taxes and assessments for the fiscal year 2014-2015, a lien not yet due or payable.

2. The lien of supplemental taxes, if any, assessed pursuant to Chapter 3.5 commencing with Section 75 of the California Revenue and Taxation Code.

3. An easement for public utilities and incidental purposes in the document recorded as Book 4511, Page 273 of Official Records.

4. Rights of parties in possession.

INFORMATIONAL NOTES

1. Taxes for proration purposes only for the fiscal year 2013-2014.

First Installment:	$10,038.19, PAID
Second Installment:	$10,038.19, PAID
Tax Rate Area:	07-055
APN:	424-131-18

2. According to the latest available equalized assessment roll in the office of the county tax assessor, there is located on the land a(n) commercial structure known as 1560 PLACENTIA AVENUE, NEWPORT BEACH, CA.

3. According to the public records, there has been no conveyance of the land within a period of twenty-four months prior to the date of this report, except as follows:

   None

4. This preliminary report/commitment was prepared based upon an application for a policy of title insurance that identified land by street address or assessor's parcel number only. It is the responsibility of the applicant to determine whether the land referred to herein is in fact the land that is to be described in the policy or policies to be issued.

The map attached, if any, may or may not be a survey of the land depicted hereon. First American Title Insurance Company expressly disclaims any liability for loss or damage which may result from reliance on this map except to the extent coverage for such loss or damage is expressly provided by the terms and provisions of the title insurance policy, if any, to which this map is attached.

*****To obtain wire instructions for deposit of funds to your escrow file please contact your Escrow Officer.******

CONDITIONS

1. **DEFINITIONS**
(a)"Mortgage" means mortgage, deed of trust or other security instrument.
(b)"Public Records" means title records that give constructive notice of matters affecting the title according to the state law where the land is located.

2. **LATER DEFECTS**
The Exceptions in Schedule B - Section Two may be amended to show any defects, liens or encumbrances that appear for the first time in the public records or are created or attached between the Commitment Date and the date on which all of the Requirements (a) and (c) of Schedule B - Section One are met. We shall have no liability to you because of this amendment.

3. **EXISTING DEFECTS**
If any defects, liens or encumbrances existing at Commitment Date are not shown in Schedule B, we may amend Schedule B to show them. If we do amend Schedule B to show these defects, liens or encumbrances, we shall be liable to you according to Paragraph 4 below unless you knew of this information and did not tell us about it in writing.

4. **LIMITATION OF OUR LIABILITY**
Our only obligation is to issue to you the Policy referred to in this Commitment, when you have met its Requirements. If we have any liability to you for any loss you incur because of an error in this Commitment, our liability will be limited to your actual loss caused by your relying on this Commitment when you acted in good faith to:

comply with the Requirements shown in Schedule B - Section One
or
eliminate with our written consent any Exceptions shown in Schedule B - Section Two.

We shall not be liable for more than the Policy Amount shown in Schedule A of this Commitment and our liability is subject to the terms of the Policy form to be issued to you.

5. **CLAIMS MUST BE BASED ON THIS COMMITMENT**
Any claim, whether or not based on negligence, which you may have against us concerning the title to the land must be based on this commitment and is subject to its terms.



First American Title

Privacy Information
We Are Committed to Safeguarding Customer Information
In order to better serve your needs now and in the future, we may ask you to provide us with certain information. We understand that you may be concerned about what we will do with such information - particularly any personal or financial information. We agree that you have a right to know how we will utilize the personal information you provide to us. Therefore, together with our subsidiaries we have adopted this Privacy Policy to govern the use and handling of your personal information.

Applicability
This Privacy Policy governs our use of the information that you provide to us. It does not govern the manner in which we may use information we have obtained from any other source, such as information obtained from a public record or from another person or entity. First American has also adopted broader guidelines that govern our use of personal information regardless of its source. First American calls these guidelines its Fair Information Values.

Types of Information
Depending upon which of our services you are utilizing, the types of nonpublic personal information that we may collect include:
- Information we receive from you on applications, forms and in other communications to us, whether in writing, in person, by telephone or any other means;
- Information about your transactions with us, our affiliated companies, or others; and
- Information we receive from a consumer reporting agency.

Use of Information
We request information from you for our own legitimate business purposes and not for the benefit of any nonaffiliated party. Therefore, we will not release your information to nonaffiliated parties except: (1) as necessary for us to provide the product or service you have requested of us; or (2) as permitted by law. We may, however, store such information indefinitely, including the period after which any customer relationship has ceased. Such information may be used for any internal purpose, such as quality control efforts or customer analysis. We may also provide all of the types of nonpublic personal information listed above to one or more of our affiliated companies. Such affiliated companies include financial service providers, such as title insurers, property and casualty insurers, and trust and investment advisory companies, or companies involved in real estate services, such as appraisal companies, home warranty companies and escrow companies. Furthermore, we may also provide all the information we collect, as described above, to companies that perform marketing services on our behalf, on behalf of our affiliated companies or to other financial institutions with whom we or our affiliated companies have joint marketing agreements.

Former Customers
Even if you are no longer our customer, our Privacy Policy will continue to apply to you.

Confidentiality and Security
We will use our best efforts to ensure that no unauthorized parties have access to any of your information. We restrict access to nonpublic personal information about you to those individuals and entities who need to know that information to provide products or services to you. We will use our best efforts to train and oversee our employees and agents to ensure that your information will be handled responsibly and in accordance with this Privacy Policy and First American's Fair Information Values. We currently maintain physical, electronic, and procedural safeguards that comply with federal regulations to guard your nonpublic personal information.

Information Obtained Through Our Web Site
First American Financial Corporation is sensitive to privacy issues on the Internet. We believe it is important you know how we treat the information about you we receive on the Internet.
In general, you can visit First American or its affiliates' Web sites on the World Wide Web without telling us who you are or revealing any information about yourself. Our Web servers collect the domain names, not the e-mail addresses, of visitors. This information is aggregated to measure the number of visits, average time spent on the site, pages viewed and similar information. First American uses this information to measure the use of our site and to develop ideas to improve the content of our site.
There are times, however, when we may need information from you, such as your name and email address. When information is needed, we will use our best efforts to let you know at the time of collection how we will use the personal information. Usually, the personal information we collect is used only by us to respond to your inquiry, process an order or allow you to access specific account/profile information. If you choose to share any personal information with us, we will only use it in accordance with the policies outlined above.

Business Relationships
First American Financial Corporation's site and its affiliates' sites may contain links to other Web sites. While we try to link only to sites that share our high standards and respect for privacy, we are not responsible for the content or the privacy practices employed by other sites.

Cookies
Some of First American's Web sites may make use of "cookie" technology to measure site activity and to customize information to your personal tastes. A cookie is an element of data that a Web site can send to your browser, which may then store the cookie on your hard drive.
FirstAm.com uses stored cookies. The goal of this technology is to better serve you when visiting our site, save you time when you are here and to provide you with a more meaningful and productive Web site experience.

Fair Information Values
Fairness We consider consumer expectations about their privacy in all our businesses. We only offer products and services that assure a favorable balance between consumer benefits and consumer privacy.
Public Record We believe that an open public record creates significant value for society, enhances consumer choice and creates consumer opportunity. We actively support an open public record and emphasize its importance and contribution to our economy.
Use We believe we should behave responsibly when we use information about a consumer in our business. We will obey the laws governing the collection, use and dissemination of data.
Accuracy We will take reasonable steps to help assure the accuracy of the data we collect, use and disseminate. Where possible, we will take reasonable steps to correct inaccurate information. When, as with the public record, we cannot correct inaccurate information, we will take all reasonable steps to assist consumers in identifying the source of the erroneous data so that the consumer can secure the required corrections.
Education We endeavor to educate the users of our products and services, our employees and others in our industry about the importance of consumer privacy. We will instruct our employees on our fair information values and on the responsible collection and use of data. We will encourage others in our industry to collect and use information in a responsible manner.
Security We will maintain appropriate facilities and systems to protect against unauthorized access to and corruption of the data we maintain.

Form No. 1068-2
ALTA Plain Language Commitment

Commitment No.: NCS-648695-SA1
Page Number: 11

EXHIBIT A
LIST OF PRINTED EXCEPTIONS AND EXCLUSIONS (BY POLICY TYPE)

1. CALIFORNIA LAND TITLE ASSOCIATION STANDARD COVERAGE POLICY - 1990
SCHEDULE B

EXCEPTIONS FROM COVERAGE

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) which arise by reason of:

1. Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records. Proceedings by a public agency which may result in taxes or assessments, or notice of such proceedings, whether or not shown by the records of such agency or by the public records.
2. Any facts, rights, interests, or claims which are not shown by the public records but which could be ascertained by an inspection of the land or which may be asserted by persons in possession thereof.
3. Easements, liens or encumbrances, or claims thereof, which are not shown by the public records.
4. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by the public records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b), or (c) are shown by the public records.

EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:

1. (a) Any law, ordinance or governmental regulation (including but not limited to building and zoning laws, ordinances, or regulations) restricting, regulating, prohibiting or relating to (i) the occupancy, use, or enjoyment of the land; (ii) the character, dimensions or location of any improvement now or hereafter erected on the land; (iii) a separation in ownership or a change in the dimensions or area of the land or any parcel of which the land is or was a part; or (iv) environmental protection, or the effect of any violation of these laws, ordinances or governmental regulations, except to the extent that a notice of the enforcement thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
   (b) Any governmental police power not excluded by (a) above, except to the extent that a notice of the exercise thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
2. Rights of eminent domain unless notice of the exercise thereof has been recorded in the public records at Date of Policy, but not excluding from coverage any taking which has occurred prior to Date of Policy which would be binding on the rights of a purchaser for value without knowledge.
3. Defects, liens, encumbrances, adverse claims or other matters:
   (a) whether or not recorded in the public records at Date of Policy, but created, suffered, assumed or agreed to by the insured claimant;
   (b) not known to the Company, not recorded in the public records at Date of Policy, but known to the insured claimant and not disclosed in writing to the Company by the insured claimant prior to the date the insured claimant became an insured under this policy;
   (c) resulting in no loss or damage to the insured claimant;
   (d) attaching or created subsequent to Date of Policy; or
   (e) resulting in loss or damage which would not have been sustained if the insured claimant had paid value for the insured mortgage or for the estate or interest insured by this policy.
4. Unenforceability of the lien of the insured mortgage because of the inability or failure of the insured at Date of Policy, or the inability or failure of any subsequent owner of the indebtedness, to comply with applicable "doing business" laws of the state in which the land is situated.
5. Invalidity or unenforceability of the lien of the insured mortgage, or claim thereof, which arises out of the transaction evidenced by the insured mortgage and is based upon usury or any consumer credit protection or truth in lending law.
6. Any claim, which arises out of the transaction vesting in the insured the estate or interest insured by their policy or the transaction creating the interest of the insured lender, by reason of the operation of federal bankruptcy, state insolvency or similar creditors' rights laws.

2. AMERICAN LAND TITLE ASSOCIATION OWNER'S POLICY FORM B - 1970
SCHEDULE OF EXCLUSIONS FROM COVERAGE

1. Any law, ordinance or governmental regulation (including but not limited to building and zoning ordinances) restricting or regulating or prohibiting the occupancy, use or enjoyment of the land, or regulating the character, dimensions or location of any improvement now or hereafter erected on the land, or prohibiting a separation in ownership or a reduction in the dimensions of area of the land, or the effect of any violation of any such law, ordinance or governmental regulation.
2. Rights of eminent domain or governmental rights of police power unless notice of the exercise of such rights appears in the public records at Date of Policy.
3. Defects, liens, encumbrances, adverse claims, or other matters (a) created, suffered, assumed or agreed to by the insured claimant; (b) not known to the Company and not shown by the public records but known to the insured claimant either at Date of Policy or at the date such claimant acquired an estate or interest insured by this policy and not disclosed in writing by the insured claimant to the Company prior to the date such insured claimant became an insured hereunder; (c) resulting in no loss or damage to the insured claimant; (d) attaching or created subsequent to Date of Policy; or (e) resulting in loss or damage which would not have been sustained if the insured claimant had paid value for the estate or interest insured by this policy.

3. AMERICAN LAND TITLE ASSOCIATION OWNER'S POLICY FORM B - 1970
WITH REGIONAL EXCEPTIONS

When the American Land Title Association policy is used as a Standard Coverage Policy and not as an Extended Coverage Policy the exclusions set forth in paragraph 2 above are used and the following exceptions to coverage appear in the policy.

SCHEDULE B

This policy does not insure against loss or damage by reason of the matters shown in parts one and two following:
Part One

1. Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records.
2. Any facts, rights, interests, or claims which are not shown by the public records but which could be ascertained by an inspection of said land or by making inquiry of persons in possession thereof.
3. Easements, claims of easement or encumbrances which are not shown by the public records.
4. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by public records.
5. Unpatented mining claims; reservations or exceptions in patents or in Acts authorizing the issuance thereof; water rights, claims or title to water.
6. Any lien, or right to a lien, for services, labor or material heretofore or hereafter furnished, imposed by law and not shown by the public records.

4. AMERICAN LAND TITLE ASSOCIATION LOAN POLICY - 1970
WITH A.L.T.A. ENDORSEMENT FORM 1 COVERAGE
SCHEDULE OF EXCLUSIONS FROM COVERAGE

1. Any law, ordinance or governmental regulation (including but not limited to building and zoning ordinances) restricting or regulating or prohibiting the occupancy, use or enjoyment of the land, or regulating the character, dimensions or location of any improvement now or hereafter erected on the land, or prohibiting a separation in ownership or a reduction in the dimensions or area of the land, or the effect of any violation of any such law ordinance or governmental regulation.
2. Rights of eminent domain or governmental rights of police power unless notice of the exercise of such rights appears in the public records at Date of Policy.
3. Defects, liens, encumbrances, adverse claims, or other matters (a) created, suffered, assumed or agreed to by the insured claimant, (b) not known to the Company and not shown by the public records but known to the insured claimant either at Date of Policy or at the date such claimant acquired an estate or interest insured by this policy or acquired the insured mortgage and not disclosed in writing by the insured claimant to the Company prior to the date such insured claimant became an insured hereunder, (c) resulting in no loss or damage to the insured claimant; (d) attaching or created subsequent to Date of Policy (except to the extent insurance is afforded herein as to any statutory lien for labor or material or to the extent insurance is afforded herein as to assessments for street improvements under construction or completed at Date of Policy).
4. Unenforceability of the lien of the insured mortgage because of failure of the insured at Date of Policy or of any subsequent owner of the indebtedness to comply with applicable "doing business" laws of the state in which the land is situated.

5. AMERICAN LAND TITLE ASSOCIATION LOAN POLICY - 1970
WITH REGIONAL EXCEPTIONS

When the American Land Title Association Lenders Policy is used as a Standard Coverage Policy and not as an Extended Coverage Policy, the exclusions set forth in paragraph 4 above are used and the following exceptions to coverage appear in the policy.

SCHEDULE B

This policy does not insure against loss or damage by reason of the matters shown in parts one and two following:
Part One

1. Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records.
2. Any facts, rights, interests, or claims which are not shown by the public records but which could be ascertained by an inspection of said land or by making inquiry of persons in possession thereof.
3. Easements, claims of easement or encumbrances which are not shown by the public records.
4. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by public records.
5. Unpatented mining claims; reservations or exceptions in patents or in Acts authorizing the issuance thereof; water rights, claims or title to water.
6. Any lien, or right to a lien, for services, labor or material theretofore or hereafter furnished, imposed by law and not shown by the public records.

6. AMERICAN LAND TITLE ASSOCIATION LOAN POLICY - 1992
WITH A.L.T.A. ENDORSEMENT FORM 1 COVERAGE
EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:

1. (a) Any law, ordinance or governmental regulation (including but not limited to building and zoning laws, ordinances, or regulations) restricting, regulating, prohibiting or relating to (i) the occupancy, use, or enjoyment of the land; (ii) the character, dimensions or location of any improvement now or hereafter erected on the land; (iii) a separation in ownership or a change in the dimensions or area of the land or any parcel of which the land is or was a part; or (iv) environmental protection, or the effect of any violation of these laws, ordinances or governmental regulations, except to the extent that a notice of the enforcement thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy;
(b) Any governmental police power not excluded by (a) above, except to the extent that a notice of the exercise thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.

2. Rights of eminent domain unless notice of the exercise thereof has been recorded in the public records at Date of Policy, but not excluding from coverage any taking which has occurred prior to Date of Policy which would be binding on the rights of a purchaser for value without knowledge.
3. Defects, liens, encumbrances, adverse claims, or other matters:
(a) whether or not recorded in the public records at Date of Policy, but created, suffered, assumed or agreed to by the insured claimant;
(b) not known to the Company, not recorded in the public records at Date of Policy, but known to the insured claimant and not disclosed in writing to the Company by the insured claimant prior to the date the insured claimant became an insured under this policy;
(c) resulting in no loss or damage to the insured claimant;
(d) attaching or created subsequent to Date of Policy (except to the extent that this policy insures the priority of the lien of the insured mortgage over any statutory lien for services, labor or material or the extent insurance is afforded herein as to assessments for street improvements under construction or completed at date of policy); or
(e) resulting in loss or damage which would not have been sustained if the insured claimant had paid value for the insured mortgage.
4. Unenforceability of the lien of the insured mortgage because of the inability or failure of the insured at Date of Policy, or the inability or failure of any subsequent owner of the indebtedness, to comply with the applicable "doing business" laws of the state in which the land is situated.
5. Invalidity or unenforceability of the lien of the insured mortgage, or claim thereof, which arises out of the transaction evidenced by the insured mortgage and is based upon usury or any consumer credit protection or truth in lending law.
6. Any statutory lien for services, labor or materials (or the claim of priority of any statutory lien for services, labor or materials over the lien of the insured mortgage) arising from an improvement or work related to the land which is contracted for and commenced subsequent to Date of Policy and is not financed in whole or in part by proceeds of the indebtedness secured by the insured mortgage which at Date of Policy the insured has advanced or is obligated to advance.
7. Any claim, which arises out of the transaction creating the interest of the mortgagee insured by this policy, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that is based on:
(i) the transaction creating the interest of the insured mortgagee being deemed a fraudulent conveyance or fraudulent transfer; or
(ii) the subordination of the interest of the insured mortgagee as a result of the application of the doctrine of equitable subordination; or
(iii) the transaction creating the interest of the insured mortgagee being deemed a preferential transfer except where the preferential transfer results from the failure:
(a) to timely record the instrument of transfer; or
(b) of such recordation to impart notice to a purchaser for value or a judgment or lien creditor.

7. AMERICAN LAND TITLE ASSOCIATION LOAN POLICY - 1992
WITH REGIONAL EXCEPTIONS

When the American Land Title Association policy is used as a Standard Coverage Policy and not as an Extended Coverage Policy the exclusions set forth in paragraph 6 above are used and the following exceptions to coverage appear in the policy.

SCHEDULE B

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) which arise by reason of:
1. Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records.
2. Any facts, rights, interests, or claims which are not shown by the public records but which could be ascertained by an inspection of said land or by making inquiry of persons in possession thereof.
3. Easements, claims of easement or encumbrances which are not shown by the public records.
4. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by public records.
5. Unpatented mining claims; reservations or exceptions in patents or in Acts authorizing the issuance thereof; water rights, claims or title to water.
6. Any lien, or right to a lien, for services, labor or material theretofore or hereafter furnished, imposed by law and not shown by the public records.

8. AMERICAN LAND TITLE ASSOCIATION OWNER'S POLICY - 1992
EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:
1. (a) Any law, ordinance or governmental regulation (including but not limited to building and zoning laws, ordinances, or regulations) restricting, regulating, prohibiting or relating to (i) the occupancy, use, or enjoyment of the land; (ii) the character, dimensions or location of any improvement now or hereafter erected on the land; (iii) a separation in ownership or a change in the dimensions or area of the land or any parcel of which the land is or was a part; or (iv) environmental protection, or the effect of any violation of these laws, ordinances or governmental regulations, except to the extent that a notice of the enforcement thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
(b) Any governmental police power not excluded by (a) above, except to the extent that a notice of the exercise thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
2. Rights of eminent domain unless notice of the exercise thereof has been recorded in the public records at Date of Policy, but not excluding from coverage any taking which has occurred prior to Date of Policy which would be binding on the rights of a purchaser for value without knowledge.
3. Defects, liens, encumbrances, adverse claims, or other matters:
(a) created, suffered, assumed or agreed to by the insured claimant;
(b) not known to the Company, not recorded in the public records at Date of Policy, but known to the insured claimant and not disclosed in writing to the Company by the insured claimant prior to the date the insured claimant became an insured under this policy;
(c) resulting in no loss or damage to the insured claimant;
(d) attaching or created subsequent to Date of Policy; or

(e) resulting in loss or damage which would not have been sustained if the insured claimant had paid value for the estate or interest insured by this policy.

4. Any claim, which arises out of the transaction vesting in the insured the estate or interest insured by this policy, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that is based on:
(i) the transaction creating the estate or interest insured by this policy being deemed a fraudulent conveyance or fraudulent transfer; or
(ii) the transaction creating the estate or interest insured by this policy being deemed a preferential transfer except where the preferential transfer results from the failure:
(a) to timely record the instrument of transfer; or
(b) of such recordation to impart notice to a purchaser for value or a judgment or lien creditor.

9. AMERICAN LAND TITLE ASSOCIATION OWNER'S POLICY - 1992
WITH REGIONAL EXCEPTIONS

When the American Land Title Association policy is used as a Standard Coverage Policy and not as an Extended Coverage Policy the exclusions set forth in paragraph 8 above are used and the following exceptions to coverage appear in the policy.

SCHEDULE B

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) which arise by reason of:
Part One:

1. Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records.
2. Any facts, rights, interests, or claims which are not shown by the public records but which could be ascertained by an inspection of said land or by making inquiry of persons in possession thereof.
3. Easements, claims of easement or encumbrances which are not shown by the public records.
4. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by public records.
5. Unpatented mining claims; reservations or exceptions in patents or in Acts authorizing the issuance thereof; water rights, claims or title to water.
6. Any lien, or right to a lien, for services, labor or material theretofore or hereafter furnished, imposed by law and not shown by the public records.

ALTA RESIDENTIAL TITLE INSURANCE POLICY (6-1-87)
EXCLUSIONS

In addition to the Exceptions in Schedule B, you are not insured against loss, costs, attorneys' fees, and expenses resulting from:

1. Governmental police power, and the existence or violation of any law or government regulation. This includes building and zoning ordinances and also laws and regulations concerning:
   (a) and use
   (b) improvements on the land
   (c) and division
   (d) environmental protection

   This exclusion does not apply to violations or the enforcement of these matters which appear in the public records at Policy Date.
   This exclusion does not limit the zoning coverage described in Items 12 and 13 of Covered Title Risks.
2. The right to take the land by condemning it, unless:
   (a) a notice of exercising the right appears in the public records on the Policy Date
   (b) the taking happened prior to the Policy Date and is binding on you if you bought the land without knowing of the taking
3. Title Risks:
   (a) that are created, allowed, or agreed to by you
   (b) that are known to you, but not to us, on the Policy Date -- unless they appeared in the public records
   (c) that result in no loss to you
   (d) that first affect your title after the Policy Date -- this does not limit the labor and material lien coverage in Item 8 of Covered Title Risks
4. Failure to pay value for your title.
5. Lack of a right:
   (a) to any land outside the area specifically described and referred to in Item 3 of Schedule A OR
   (b) in streets, alleys, or waterways that touch your land
   This exclusion does not limit the access coverage in Item 5 of Covered Title Risks.

11. EAGLE PROTECTION OWNER'S POLICY

CLTA HOMEOWNER'S POLICY OF TITLE INSURANCE - 1998
ALTA HOMEOWNER'S POLICY OF TITLE INSURANCE - 1998

Covered Risks 14 (Subdivision Law Violation). 15 (Building Permit). 16 (Zoning) and 18 (Encroachment of boundary walls or fences) are subject to Deductible Amounts and Maximum Dollar Limits of Liability

Form No. 1068-2
ALTA Plain Language Commitment

Commitment No.: NCS-648695-SA1
Page Number: 15

EXCLUSIONS

In addition to the Exceptions in Schedule B, you are not insured against loss, costs, attorneys' fees, and expenses resulting from:

1. Governmental police power, and the existence or violation of any law or government regulation. This includes ordinances, laws and regulations concerning:
   a. building
   b. zoning
   c. land use
   d. improvements on the land
   e. land division
   f. environmental protection

   This exclusion does not apply to violations or the enforcement of these matters if notice of the violation or enforcement appears in the Public Records at the Policy Date.
   This exclusion does not limit the coverage described in Covered Risk 14, 15, 16, 17 or 24.
2. The failure of Your existing structures, or any part of them, to be constructed in accordance with applicable building codes. This Exclusion does not apply to violations of building codes if notice of the violation appears in the Public Records at the Policy Date.
3. The right to take the Land by condemning it, unless:
   a. a notice of exercising the right appears in the Public Records at the Policy Date; or
   b. the taking happened before the Policy Date and is binding on You if You bought the Land without Knowing of the taking.
4. Risks:
   a. that are created, allowed, or agreed to by You, whether or not they appear in the Public Records;
   b. that are Known to You at the Policy Date, but not to Us, unless they appear in the Public Records at the Policy Date;
   c. that result in no loss to You; or
   d. that first occur after the Policy Date - this does not limit the coverage described in Covered Risk 7, 8.d, 22, 23, 24 or 25.
5. Failure to pay value for Your Title.
6. Lack of a right:
   a. to any Land outside the area specifically described and referred to in paragraph 3 of Schedule A; and
   b. in streets, alleys, or waterways that touch the Land.
   This exclusion does not limit the coverage described in Covered Risk 11 or 18.

12. THIRD GENERATION EAGLE LOAN POLICY AMERICAN LAND TITLE ASSOCIATION EXPANDED COVERAGE RESIDENTIAL LOAN POLICY (1/01/08)

EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:

1. (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to (i) the occupancy, use, or enjoyment of the Land; (ii) the character, dimensions, or location of any improvement erected on the Land; (iii) the subdivision of land; or(iv) environmental protection; or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5, 6, 13(c), 13(d), 14 or 16.
   (b)Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 5, 6, 13(c), 13(d), 14 or 16.
2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
3. Defects, liens, encumbrances, adverse claims, or other matters
   (a) created, suffered, assumed or agreed to by the Insured Claimant;
   (b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
   (c) resulting in no loss or damage to the Insured Claimant;
   (d) attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 11, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27 or 28); or
   (e) resulting in loss or damage which would not have been sustained if the Insured Claimant had paid value for the Insured Mortgage.
4. Unenforceability of the lien of the Insured Mortgage because of the inability or failure of an Insured to comply with applicable doing business laws of the state where the Land is situated.
5. Invalidity or unenforceability in whole or in part of the lien of the Insured Mortgage that arises out of the transaction evidenced by the Insured Mortgage and is based upon usury, or any consumer credit protection or truth-in-lending law. This Exclusion does not modify or limit the coverage provided in Covered Risk 26.
6. Any claim of invalidity, unenforceability or lack of priority of the lien of the Insured Mortgage as to Advances or modifications made after the Insured has Knowledge that the vestee shown in Schedule A is no longer the owner of the estate or interest covered by this policy. This Exclusion does not modify or limit the coverage provided in Covered Risk 11.
7. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching subsequent to Date of Policy. This Exclusion does not modify or limit the coverage provided in Covered Risk 11(b) or 25.
8. The failure of the residential structure, or any portion of it, to have been constructed before, on or after Date of Policy in accordance with applicable building codes. This Exclusion does not modify or limit the coverage provided in Covered Risk 5 or 6.

13. AMERICAN LAND TITLE ASSOCIATION LOAN POLICY - 2006

EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy, and the Company will not pay loss or damage, costs, attorneys' fees, or expenses that arise by reason of:

1. (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to

(i) the occupancy, use, or enjoyment of the Land;

(ii) the character, dimensions, or location of any improvement erected on the Land;

(iii) the subdivision of land; or

(iv) environmental protection;

or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5.

(b) Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 6.

2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.

3. Defects, liens, encumbrances, adverse claims, or other matters

(a) created, suffered, assumed, or agreed to by the Insured Claimant;

(b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;

(c) resulting in no loss or damage to the Insured Claimant;

(d) attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 11, 13, or 14); or

(e) resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Insured Mortgage.

4. Unenforceability of the lien of the Insured Mortgage because of the inability or failure of an Insured to comply with applicable doing-business laws of the state where the Land is situated.

5. Invalidity or unenforceability in whole or in part of the lien of the Insured Mortgage that arises out of the transaction evidenced by the Insured Mortgage and is based upon usury or any consumer credit protection or truth-in-lending law.

6. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that the transaction creating the lien of the Insured Mortgage, is

(a) a fraudulent conveyance or fraudulent transfer, or

(b) a preferential transfer for any reason not stated in Covered Risk 13(b) of this policy.

7. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching between Date of Policy and the date of recording of the Insured Mortgage in the Public Records. This Exclusion does not modify or limit the coverage provided under Covered Risk 11(b).

14. AMERICAN LAND TITLE ASSOCIATION LOAN POLICY - 2006
WITH REGIONAL EXCEPTIONS

When the American Land Title Association policy is used as a Standard Coverage Policy and not as an Extended Coverage Policy the exclusions set forth in paragraph 13 above are used and the following exceptions to coverage appear in the policy.

SCHEDULE B

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) which arise by reason of:

1. (a) Taxes or assessments that are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the Public Records; (b) proceedings by a public agency that may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the Public Records.
2. Any facts, rights, interests, or claims that are not shown by the Public Records but that could be ascertained by an inspection of the Land or that may be asserted by persons in possession of the Land.
3. Easements, liens or encumbrances, or claims thereof, not shown by the Public Records.
4. Any encroachment, encumbrance, violation, variation, or adverse circumstance affecting the Title that would be disclosed by an accurate and complete land survey of the Land and not shown by the Public Records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b), or (c) are shown by the Public Records.

15. AMERICAN LAND TITLE ASSOCIATION OWNER'S POLICY - 2006
EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:

1. (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to

(i) the occupancy, use, or enjoyment of the Land;

(ii) the character, dimensions, or location of any improvement erected on the Land;

(iii) the subdivision of land; or

(iv) environmental protection;or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5.

(b) Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 6.

2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
3. Defects, liens, encumbrances, adverse claims, or other matters
   (a) created, suffered, assumed, or agreed to by the Insured Claimant;
   (b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
   (c) resulting in no loss or damage to the Insured Claimant;
   (d) attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risks 9 and 10); or
   (e) resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Title.
4. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors rights laws, that the transaction vesting the Title as shown in Schedule A, is
   (a) a fraudulent conveyance or fraudulent transfer; or
   (b) a preferential transfer for any reason not stated in Covered Risk 9 of this policy.
5. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching between Date of Policy and the date of recording of the deed or other instrument of transfer in the Public Records that vests Title as shown in Schedule A.

16. AMERICAN LAND TITLE ASSOCIATION OWNER'S POLICY - 2006

WITH REGIONAL EXCEPTIONS

When the American Land Title Association policy is used as a Standard Coverage Policy and not as an Extended Coverage Policy the exclusions set forth in paragraph 15 above are used and the following exceptions to coverage appear in the policy.

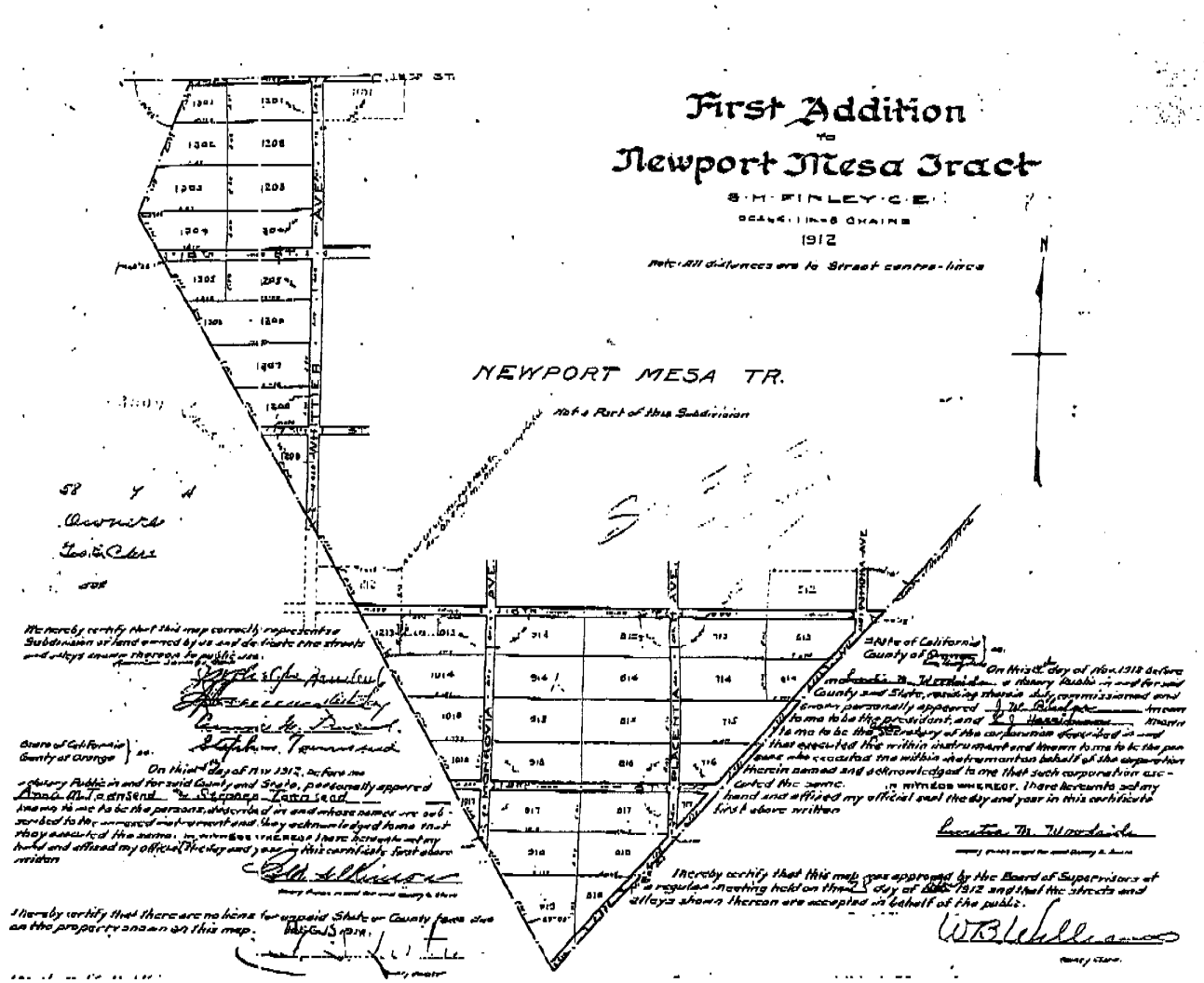
SCHEDULE B

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) which arise by reason of:

1. (a) Taxes or assessments that are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the Public Records; (b) proceedings by a public agency that may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the Public Records.
2. Any facts, rights, interests, or claims that are not shown by the Public Records but that could be ascertained by an inspection of the Land or that may be asserted by persons in possession of the Land.
3. Easements, liens or encumbrances, or claims thereof, not shown by the Public Records.
4. Any encroachment, encumbrance, violation, variation, or adverse circumstance affecting the Title that would be disclosed by an accurate and complete land survey of the Land and not shown by the Public Records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b), or (c) are shown by the Public Records.

2. SP-Legal Description 01_8_61

12-20-2005 07:23AM FROM-FATCO MICROFILM +714 800 4890 T-928 P.003/003 F-232



First American Title Insurance Company
THIS MAP IS FOR INFORMATION ONLY AND IS NOT A PART OF THIS TITLE EVIDENCE

3. SP-Legal Description 02_2537_609

46203

SPACE ABOVE THIS LINE FOR RECORDER'S USE — BOOK 2537 PAGE 609

46203

PLACE INTERNAL REVENUE STAMPS IN THIS SPACE

Grant Deed

Affix I. R. S. $ 0

THIS FORM FURNISHED BY TITLE INSURANCE AND TRUST COMPANY

FOR A VALUABLE CONSIDERATION, receipt of which is hereby acknowledged,

RALPH CHARLES LAMB and MEREDITH LEE LAMB, husband and wife

do hereby

GRANT to

HAZEL S. GREGG, a widow

county of Orange, state of California, described as:

One-half of all oil or other hydrocarbon substances lying in or under the following described property:

Lot 714 of First Addition to Newport Mesa Tract, as per map recorded in Book 8, Page 61 of Miscellaneous Maps, records of Orange County, California.

F 214

Dated: July 9, 1953

Ralph Charles Lamb

Meredith Lee Lamb

STATE OF CALIFORNIA
COUNTY OF Orange } ss.

On July 10, 1953 before me, the undersigned, a Notary Public in and for said County and State, personally appeared Ralph Charles Lamb and Meredith Lee Lamb

known to me to be the person s whose name s are subscribed to the within instrument and acknowledged that they executed the same.

WITNESS my hand and official seal.

(Seal)

My Commission Expires June 19, 1954

SPACE BELOW FOR RECORDER'S USE ONLY

RECORDED AT REQUEST OF TITLE INSURANCE AND TRUST COMPANY

BOOK 2537 PAGE 609
JUL 14 1953
AT 5 MIN. PAST 10 A.M.
OFFICIAL RECORDS OF ORANGE COUNTY, CALIFORNIA
Ruby McFarland
COUNTY RECORDER

1 60

7-14-53

A-186964

ORIGINAL

4. SP-Legal Description 03_4873_433

4873 OR 433

RECORDING REQUESTED BY

WHEN RECORDED MAIL TO

Mr. and Mrs. Virgil E. Carter
Mr. Gerald D. Carter
1560 Placentia
Newport Beach, California

146797

RECORDED AT REQUEST OF
TITLE INSURANCE & TRUST COMPANY

SEP 10 1959 9:00 A.M.

4873 OR 433

OFFICIAL RECORDS OF
ORANGE COUNTY, CALIFORNIA
Ruby McFarland
COUNTY RECORDER

$2.00

SPACE ABOVE THIS LINE FOR RECORDER'S USE

115662 137389 118.50

Grant Deed

THIS FORM FURNISHED BY TITLE INSURANCE AND TRUST COMPANY

FOR A VALUABLE CONSIDERATION, receipt of which is hereby acknowledged,

FRANK STEM and SIDONIA STEM, husband and wife

hereby GRANT(S) to VIRGIL E. CARTER and ESTHER R. CARTER, husband and wife, as joint tenants, as to an undivided one-half interest and GERALD D. CARTER, a single man, as to an undivided one-half interest

the following described real property in the county of Orange, state of California:

#78 (Ex W 30 ft) + dif #75

Lot 71 of the First Addition of Newport Mesa Tract as per map recorded in Book 8 Page 61 Miscellaneous Maps, in the office of the County Recorder of said County.

(Ex int oil etc)

EXCEPTING one-half of all oil or other hydrocarbon substances, as granted to Haxel S. Gregg, by deed recorded July 14, 1953, in book 2537, page 609, Official Records, in the office of the County Recorder of said Orange County.

"EXCEPTING unto the grantors one-quarter of all oil or other hydrocarbon substances."

3-21

CK

Dated August 11, 1959

Frank Stem

Sidonia Stem

STATE OF CALIFORNIA
COUNTY OF Los Angeles } ss.
On August 11, 1959 before me, the undersigned, a Notary Public in and for said County and State, personally appeared Frank Stem and Sidonia Sten

known to me to be the person S whose name S are subscribed to the within instrument and acknowledged that they executed the same.

WITNESS my hand and official seal

(SEAL) Notary Public in and for said County and State

My Commission Expires April 14, 1962

If executed by a Corporation the Corporation Form of Acknowledgment must be used.

Title Order No.

Escrow No. 381-2041

48

RECORDING REQUESTED BY:

FREEMAN, FREEMAN & SMILEY
A Limited Liability Partnership Including Law Corporations

AND WHEN RECORDED MAIL TO:

RAYMOND AND B. MARIE TOTAH
27592 ESCUNA
MISSION VIEJO, CA 92692

MAIL TAX STATEMENTS TO:

RAYMOND AND B. MARIE TOTAH
27592 ESCUNA
MISSION VIEJO, CA 92692

Recorded in Official Records, County of Orange
Gary Granville, Clerk-Recorder

8.00
20000712734 04:30pm 12/29/00
102 48 D10 2
0.00 0.00 0.00 0.00 2.00 0.00 0.00 0.00

IT
2P
LCF

GRANT DEED

Assessor's Parcel No. 424-131-18

The undersigned grantors declare:

Documentary transfer tax is $-0-. The grantors and grantees in this conveyance are comprised of the same parties who continue to hold the same proportionate interest in the property, R&T 11923(d).

FOR VALUABLE CONSIDERATION, receipt of which is hereby acknowledged,

RAYMOND P. TOTAH and B. MARIE TOTAH

hereby GRANT to

THE TOTAH FAMILY PARTNERSHIP, a California Limited Partnership, all of grantors' right, title and interest, in and to

the following described real property in the City of Newport Beach, County of Orange, State of California:

See legal description attached hereto as Exhibit "A" and made a part hereof.

Commonly known as 1560 Placentia Avenue #A, Newport Beach, California.

This conveyance is exempt from reassessment pursuant to R&T Section 62(a)(2).

Dated: December 22, 2000

Raymond P. Totah
RAYMOND P. TOTAH

B Marie Totah
B. MARIE TOTAH

STATE OF CALIFORNIA)
) ss.
COUNTY OF Orange)

On Dec. 22, 2000, before me, Laura Karpman, Notary Public, personally appeared RAYMOND P. TOTAH and B. MARIE TOTAH, personally known to me or proved to me on the basis of satisfactory evidence to be the persons whose names are subscribed to the within instrument and acknowledged to me that they executed the same in their authorized capacities, and that by their signatures on the instrument, the persons, or the entity upon behalf of which the persons acted, executed the instrument.

WITNESS my hand and official seal.

Laura Karpman
Comm. #1128792
NOTARY PUBLIC CALIFORNIA
ORANGE COUNTY
Comm. Exp. April 26, 2001

Laura K
NOTARY PUBLIC

283392.1
14885.260

Exhibit "A"
Legal Description

Lot 714 of First Addition of Newport Mesa Tract, as shown on a map thereof recorded in Book 8, page 61 of Miscellaneous Maps, records of Orange County, California.

EXCEPT one-half of all oil or other hydrocarbon substances, as granted to Hazel S. Gregg, by deed recorded July 14, 1953 in Book 2537, page 609, Official Records.

ALSO EXCEPT one-quarter of all oil or other hydrocarbon substances as reserved in the deed from Frank Stern and Sidonia Stern, husband and wife, recorded September 10, 1959, in Book 4873, page 433, Official Records.

ALSO EXCEPT the Westerly 10 feet of said land as condemned by the City of Newport Beach under Superior Court Case No. 203614.

283392.1
14885.260

BOOK 4511 PAGE 273

RECORDING REQUESTED BY

SOUTHERN CALIFORNIA EDISON COMPANY

WHEN RECORDED MAIL TO
SOUTHERN CALIFORNIA EDISON COMPANY
P. O. BOX 118
SANTA ANA, CALIFORNIA

155075

RECORDED AT REQUEST OF
SOUTHERN CALIF. EDISON CO.
BOOK 4511 PAGE 273
AT 52 MIN. PAST 10 A.M.
DEC 10 1958
OFFICIAL RECORDS OF
ORANGE COUNTY, CALIFORNIA
Coby M'Farland
COUNTY RECORDER

$2.00

DEC 1 0 1958

SPACE ABOVE THIS LINE FOR RECORDER'S USE

GRANT OF EASEMENT
(INDIVIDUAL)

THE GRANTORS FRANK STEM & SIDONIA STEM, Husband and Wife hereby grant..... to SOUTHERN CALIFORNIA EDISON COMPANY, a corporation, its successors and assigns, an easement and right of way to construct, use, maintain, alter, add to, repair, replace and/or remove, in, on, and over the real property hereinafter described, situated in the County of Orange, State of California, an electric line, consisting of poles, necessary guys and anchors, cross-arms, wires and other fixtures and appliances, for conveying electric energy to be used for light, heat, power, telephone and/or other purposes.

Said real property is described as follows:

The northerly 10 feet of the westerly 590 feet (measured from the centerline of Placentia Avenue) of Lot 714, First Addition to Newport Mesa Tract, as per map recorded in Book 8, page 61 of Miscellaneous Maps, records of Orange County.

DIST. 6033
W.O. 2040 81663
M.B. 40-91
APPVD.
BY WDJ
DATE 12/1/58

The Grantee, its successors and assigns, and its and their respective agents and employees, shall have the right to trim or top such trees as may endanger or interfere with said electric line, and shall have free access to said electric line and every part thereof, at all times, for the purpose of exercising the rights herein granted.

IN WITNESS WHEREOF, the Grantors have executed this instrument this 4TH day of DEC 1958.

Witness:

Signature of Grantor(s):

Frank Stem

Sidonia Stem

STATE OF CALIFORNIA,
COUNTY OF Orange } ss.

On December 10, 1958 before me, the undersigned, a Notary Public in and for said County and said State, personally appeared Louise Johnson personally known to me to be the person whose name is subscribed to the within Instrument, as a Witness thereto, who being by me duly sworn, deposes and says: That she resides in Orange County and that he was present and saw Frank Stem, Sidonia Stem personally known to him to be the same person described in and whose name s are subscribed to the within and annexed Instrument as Part. ies thereto, execute and deliver the same, and they acknowledged to said affiant that they executed the same; and that said affiant subscribed her name thereto as a Witness WITNESS my hand and official seal.

(Witness)

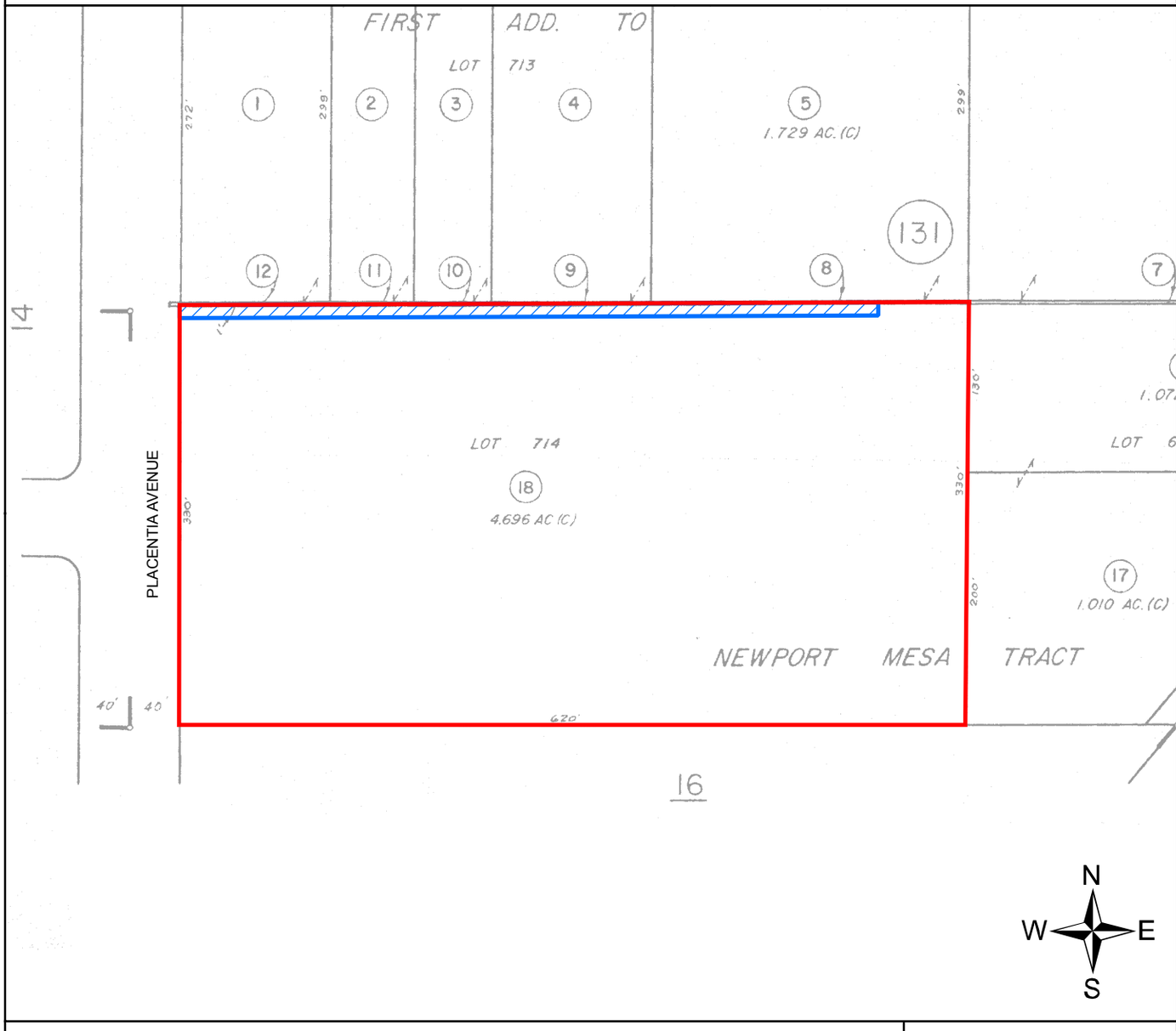
(Seal)
Notary Public in and for said County and State
My Commission Expires May 27, 1961

7. Color Map_1_Plotted Easements

First American Title Company

Reference No.: 648695

County: Orange



Plotted Easements

Legend

PIQ

Bk4511 Pg273
(Public Utilities)

Tax ID: 424-131-18

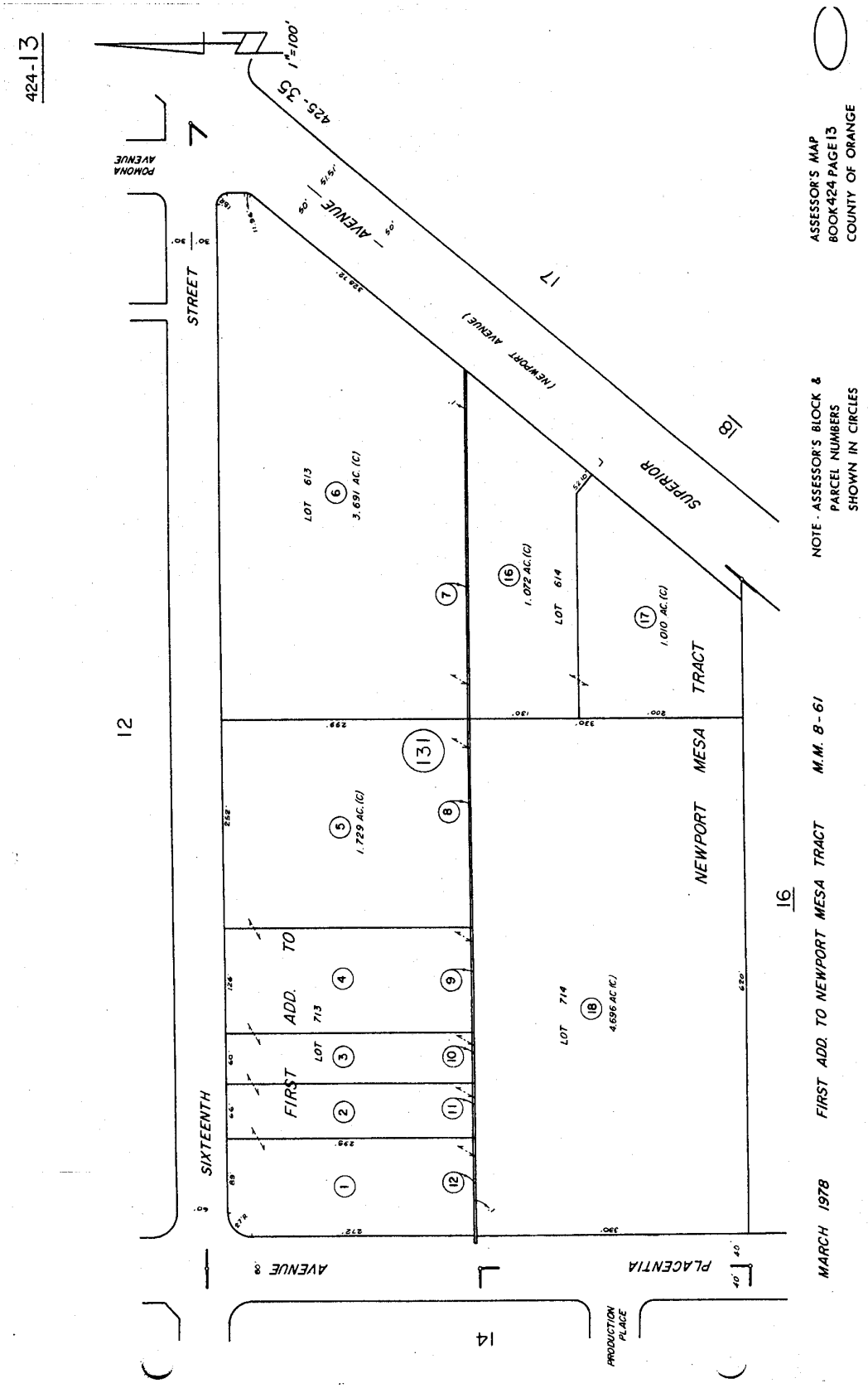
Short Legal: A Portion of Lot 714 Miscellaneous Map Bk8 Pg61

Map Not To Scale

This map may or may not be a survey of the land depicted hereon. You should not rely upon it for any purpose other than orientation to the general location of the parcel or parcels depicted. First American Title expressly disclaims any liability for alleged loss or damage which may result from reliance upon this map.

8. Map-Customer

Branch :2NC,User :RBAR Order: 0648695 Title Officer: 55 Comment: Station Id :RIQ3



ORANGE,CA Page 1 of 1 Printed on 1/8/2014 4:36:05 PM
Document: ASSESSOR_MAP 424.13

12-20-2005 07:23AM FROM-FATCO MICROFILM +714 800 4890 T-928 P.003/003 F-232

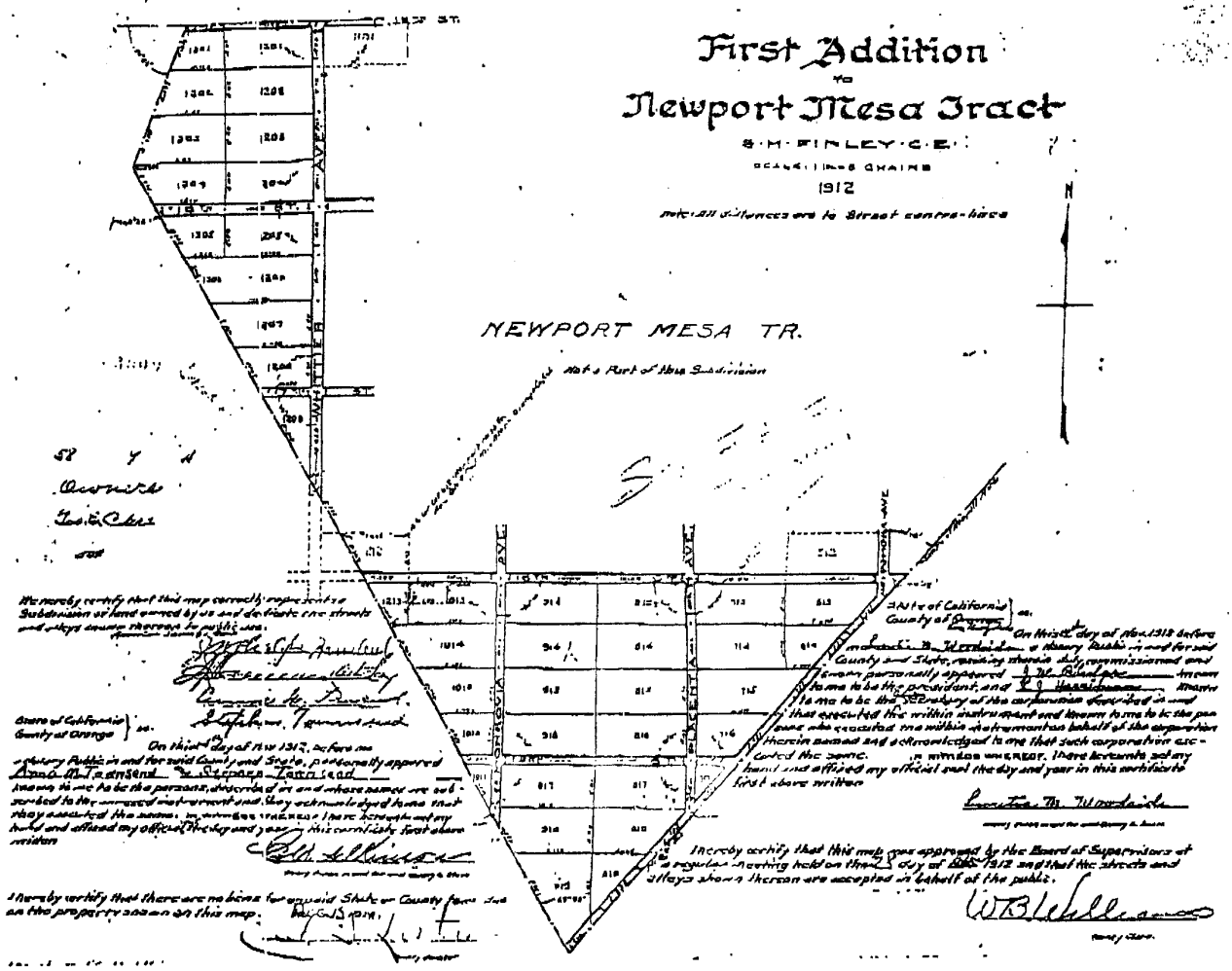
First Addition to Newport Mesa Tract

S. H. FINLEY, C. E.

SCALE 1 INCH = 2 CHAINS

1912

Note: All distances are to Street centre-lines



We hereby certify that this map correctly represents a Subdivision of land owned by us and dedicate the streets and alleys shown thereon to public use.

State of California } ss.
County of Orange }

On this 3rd day of Nov. 1912, before me ... a Notary Public in and for said County and State, residing therein, duly commissioned and sworn, personally appeared ... known to me to be the President, and ... known to me to be the Secretary of the corporation described in and that executed the within instrument and known to me to be the person who executed the within instrument on behalf of the corporation therein named and acknowledged to me that such corporation exe-cuted the same. IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written

I hereby certify that there are no liens for unpaid State or County taxes on the property shown on this map.

I hereby certify that this map was approved by the Board of Supervisors at a regular meeting held on the ... day of ... 1912 and that the streets and alleys shown thereon are accepted in behalf of the public.

First American Title Insurance Company

THIS MAP IS FOR INFORMATION ONLY AND IS NOT A PART OF THIS TITLE EVIDENCE

PA2014-110

USER QUESTIONNAIRE 1 OF 2

Pursuant to ASTM E 1527-05 Appendix X.3, in order to qualify for one of the Landowner Liability Protections (LLPs) offered by the Small Business Liability relief and Brownfields Revitalization Act of 2001 (the "Brownfields Amendments), the user must provide the following information (if available) to the environmental professional. Failure to provide the information could result in a determination that "all appropriate inquiry" is not complete. This form represents a type of interview and as such, the user has an obligation to answer all questions in good faith, to the extent of his or her actual knowledge.

1. Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law?
   ☑ No ☐ Yes If yes, please explain.

2. Are you aware of any activity and land use limitations (AULs), such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state, or local law?
   ☑ No ☐ Yes If yes, please explain.

3. As the user of this ESA do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?
   ☐ No ☑ Yes If yes, please explain. I AM AWARE OF AN ONGOING SITE INVESTIGATION ON THE ADJOINING PROPERTY TO THE NORTH UNDER THE PURVIEW OF ORANGE COUNTY HEALTH AGENCY.

4. Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?
   ☐ No ☑ Yes If yes, please explain. SOLD ON OPEN MARKET W/ NO KNOWN DISCOUNTS

5. Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as user: (a) Do you know of the past uses of the property?; (b) Do you know of specific chemicals that are present or were once present at the property?; (c) Do you know of spills or other chemical releases that have taken place at the property?; (d) Do you know of any environmental cleanups that have taken place at the property?
   ☐ No ☑ Yes If yes, please explain. (SAME EXPLANATION AS ITEM #3)

6. As the user of this ESA, based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of contamination at the property?
   ☐ No ☑ Yes If yes, please explain. (SAME EXPLANATION AS ITEM #3)

Post Office Box 2651, Palos Verdes Peninsula, California, 90274 Phone 310.910.1499 Fax 310.377.3745
www.ecobilitycorp.com

PA2014-110

USER QUESTIONNAIRE 2 OF 2

Proceedings Involving the Property
Pursuant to ASTM E 1527-05 §10.9, as the user of this ESA do you know of (1) any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property; (2) any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the property; and (3) any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products?

☑ No ☐ Yes If yes, please explain.

Helpful Documents Checklist
Pursuant to ASTM E 1527-05 §10.8, do you know whether any of the following documents exist related to the subject properties, and if so, whether copies can and will be provided to Ecobility for review? Check all that apply.

☑ Environmental site assessment reports

☐ Environmental compliance audit reports

☐ Environmental permits (for example solid waste disposal permits, hazardous waste disposal permits, wastewater permits, NPDES permits, underground injection permits)

☐ Registrations for above or underground storage tanks

☐ Registration for underground injection systems

☐ Material safety data sheets

☐ Community right-to-know plan

☐ Risk assessments

☐ Safety plans; preparedness and prevention plans; spill prevention, countermeasure and control (SPCC) plans; etc.

☐ Reports regarding hydrogeologic conditions on the property or surrounding area

☐ Notices or other correspondence from any governmental agency relating to past or current violations of environmental laws with respect to the property or relating to environmental liens encumbering the property

☐ Hazardous waste generation notices or reports

☐ Geotechnical studies

☐ Recorded activity and land use limitations (AULs)

Kyle Evans - MBK Homes	Project Manager
Name (Authorized User Representative)	Title
[signature]	1.10.14
Signature	Date

Please return this form along with the completed Contact Information forms, all of which are a part of this quote to Ecobility as your authorization to begin work on this project.

PA2014-110

COUNTY OF ORANGE
HEALTH CARE AGENCY

PUBLIC HEALTH SERVICES
ENVIRONMENTAL HEALTH

MARK REFOWITZ
INTERIM DIRECTOR

DAVID M. SOULELES, MPH
DEPUTY AGENCY DIRECTOR

RICHARD SANCHEZ, REHS, MPH
DIRECTOR
ENVIRONMENTAL HEALTH

MAILING ADDRESS:
1241 E. DYER RD., #120
SANTA ANA, CA 92705-5611

TELEPHONE: (714) 433-6000
FAX: (714) 754-1732
E-MAIL: ehealth@ochca.com

Excellence
Integrity
Service

April 13, 2012

Donald R. Abrahm
AEA Investment V LLC
1525 Superior Avenue, Suite 104
Newport Beach, CA 92663

Subject: **Offsite Air Sampling Activities**

Re: AEA Investment V Property
775-777 W. 16th Street
Costa Mesa, CA 92627
OCHCA Case #09IC006

Dear Mr. Abrahm:

Orange County Health Care Agency (OCHCA) Environmental Health has reviewed the proposal on subject activities submitted by your consultant, Environmental Audit, Inc. (EAI). The purpose of the planned air sampling is to determine whether the tetrachloroethene or perchoroethylene (PCE) in soil gas resulting from the release of that solvent at the referenced site has extended offsite, thereby potentially posing a significant health risk to occupants of neighboring residential structures, particularly the Mobile Home Park. This phase of remedial investigation is being directed by OCHCA in consonance with the provision in the California Department of Toxic Substances Control (DTSC) in its Vapor Intrusion Guidance Document – Final, October 2011, which states that vapor intrusion into indoor air may be possible for existing structures in close proximity to subsurface contamination, generally within 100 feet of the contaminant plume, and should be duly investigated.

The proposed air sampling will involve the collection of one air sample from the crawl space of each of two residential units of the Mobile Home Park—Units A9 and A10—with an additional (ambient) air sample from the upwind direction. The air samples will be collected in using summa canisters within a 24-hour period and tested for volatile chemicals by EPA Test Method TO-15 SIM, and will be conducted in two seasons, six months apart, to account for temporal variations.

OCHCA finds the proposed air sampling acceptable for implementation. Please advise OCHCA staff at least 48 hours in advance of sampling activities.

If you have any questions regarding this matter, please contact the undersigned at (714) 433-6253.

Sincerely,

Luis Lodrigueza
Hazardous Waste Specialist
Hazardous Materials Mitigation Section
Environmental Health

cc: Kamron Saremi, California Regional Water Quality Control Board - Santa Ana Region
Steven A. Bright, Environmental Audit, Inc., 1000-A Ortega Way, Placentia, CA 92870

EBB TIDE MOBILE HOME PARK

1560 Placentia Ave, Newport Beach, CA 92663

May 2, 2012

Bill Novotney
1560 Placentia Ave, Sp. A-2
Newport Beach, CA 92663

Re: *Notice of Potential Environmental Conditions*

Dear Tenant:

On April 24, 2012, we received a request from Environmental Audit, Inc. to access certain lots at the Ebb Tide Mobile Home Park for the purpose of conducting environmental testing. We are providing this notice to inform you of these circumstances.

We understand that Environmental Audit, Inc. is an environmental consulting firm that has been engaged by AEA Investment V LLC ("AEA") to conduct environmental testing, investigation, and remediation at the real property located at 775-777 West 16th Street, Costa Mesa, California (the "AEA Site"), located adjacent, and on the northerly boundary of the Ebb Tide Mobile Home Park. Based on information provided by Environmental Audit, Inc., it appears that hazardous substances including trichloroethene ("TCE") and tetrachloroethene ("PCE") have been released into the soil and possibly groundwater at the AEA Site. It further appears that Environmental Audit, Inc. has been investigating and remediating the contaminants under the oversight of the Orange County Health Care Agency ("OCHCA"). We understand that Mr. Luis Lodrigueza is the OCHCA Case Manager assigned to oversee this environmental work.

Based on the recent communication from Environmental Audit, Inc., Mr. Lodrigueza has asked AEA and its consultant Environmental Audit, Inc. to conduct air sampling on the Ebb Tide Mobile Home Park to determine the presence or absence of chemicals at the site. Specifically, Environmental Audit, Inc. is requesting access to the Ebb Tide Mobile Home Park to collect samples from the "crawl spaces" beneath the mobile homes located at spaces A9 and A10, and one ambient air sample.

Environmental Audit, Inc. has provided us with a copy of its *"Off-Site Air Sampling Work Plan,"* dated April 2, 2012, as well as a letter from the OCHCA approving the work plan. Copies of these documents are available for your review at the Ebb Tide Mobile Home Park office during regular office hours.

We intend to permit access for Environmental Audit, Inc. to conduct this sampling, and we intend to fully cooperate with its investigation.

Pursuant to California's Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65), Cal. Health & Saf. Code, §25249 .5, et seq., we provide you with the following notice:

> WARNING: The Ebb Tide Mobile Home Park contains chemicals known to the State of California to cause cancer, birth defects and other reproductive harm.

If you wish to obtain additional information about these matters, you may contact Mr. Lodrigueza at the OCHCA, at (714) 433-6253. Additional information concerning the environmental contamination at the AEA Site may be available for your review at the OCHCA offices, located at 1241 East Dyer Road, #120, Santa Ana, California.

Sincerely,

Joe LaBarbera
TFP Management, Inc.

PA2014-110

May 3, 2012

Adriana Batista

1560 Placentia Ave. Spc A-9
Newport Beach, CA 92663
Tel. 949-903-6694

To:
EBB Tide Mobile Home Park
1560 Placentia Ave.
Newport Beach, CA 92663

To the Owners and Management Company of EBB Tide:

I have been a resident of EBB Tide since 2004. In June 2010 the a strong noise was disturbing the homes located in spaces A-10, A-9 and A-8 from a noise coming from the Industrial property located on the back of our homes at the real property located at 775-777 West 16th Street, Costa Mesa, California, the noise was produce by an industrial pump that was used to clean the underground of that property due to industrial hazard waste in that land. I contacted the person listed on a phone number posted in a sign on the front door of property at 777 West 16th Street; the person who picked up the phone was the previous owner of that property who informed me that he did not have anything to do with those real properties any longer. I contacted the City of Costa Mesa to find out the current owner listed as Donald R. Abraham MD with register address on 1525 Superior Ave, Suite 104, Newport Beach, CA 92663, Tel. 949-631-2670 and went personally to this address to complain about the problem. The person in this address explained me that the real property in question was treated of environmental hazards and provide me with the contact number of the environmental engineer in charge of the cleaning and decontamination/remediation of the property in question, the pump was used to drain the underground of these real estate properties.

The contact information for the environmental engineer in charge is: Environmental Audit Inc., Planning, Environmental Analyses and Hazardous Substances Management and Remediation, with

address on 100-A Ortega Way, Placentia, CA 92870; the engineering in charge of the remediation procedures for the property in question is Boris Stolin, P.E. with who I talked several times during the ten month process of draining using this pump, Borin Stolin cell number is 949-533-6591. This company was pumping the underground of these two real properties for about a ten months draining and pumping the underground of these two properties for about 12 hours each day, seven days a week. I'm attaching the business cards I obtained in 2010 with the contact information from current owner and the environmental engineer. The current owner was aware of this problem as well as the OCHCA since then and didn't notify us of the potential problem we were facing.

If I can serve in any way on behalf of EBB Tide owners and/or its Management Company to mediate the situation and protect the mobile home park where our homes are located, do not hesitate to contact me.

I'm a Public Health professional with academic knowledge and valid credentials on environmental health as a master level.

I thank you in advance for your attention and I'm requesting you to keep us the residents of EBB Tide affected by these potential environmental conditions posted in any changes or progress regarding this situation.

Adriana Batista, MPH
EBB Tide Resident, Spc A-9

PA2014-110

PHONE: (949) 631-2670
FAX: (949) 631-7137

DONALD R. ABRAHM, M.D., A.G.A.F., INC.
DIPLOMATE IN INTERNAL MEDICINE
GASTROENTEROLOGY AND LIVER DISEASES

1525 SUPERIOR AVE., SUITE 104
NEWPORT BEACH, CA 92663

BORIS STOLIN, PE
Manager, Environmental Engineering

cell (949)533-659

ENVIRONMENTAL AUDIT, INC.

PA2014-110

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ENVIRONMENTAL AUDIT, INC.

Planning, Environmental Analyses and
Hazardous Substances Management and Remediation

1000-A ORTEGA WAY
PLACENTIA, CA 92870-7162

714/632-8521 ext. 240
FAX: 714/632-6754
E-Mail: bstolin@
environmentalauditinc.com

LICENSE FOR TEMPORARY RIGHT OF ENTRY

This License for Temporary Right of Entry (***"License"***) is hereby entered into by and between Totah Family Partnership, a California limited partnership (***"Owner"***), as owner of the Property (as hereinafter defined), Environmental Audit, Inc. (***"EAI"***), and AEA Investments V, LLC, a California limited liability company("***AEA***"), as of the 30th day of May, 2012.

WHEREAS, Owner is the owner of the property commonly known as the EBB Tide Mobile Home Park, located in the City of Newport Beach, California, at an address of 1560 Placentia Avenue (***"Property"***);

WHEREAS, by letter dated April 24, 2012 (the ***"Access Request Letter"***), EAI has requested access to portions of the Property for the purpose of performing environmental sampling pursuant to that certain *Off-Site Air Sampling Work Plan* (the ***"Work Plan"***), dated April 2, 2012, which was prepared by EAI, and approved by the Orange County Health Care Agency (***"OCHCA"***) by letter dated April 13, 2012;

WHEREAS, Owner is willing to grant such temporary right of entry, and allow EAI, its employees, agents, invitees and contractors to enter upon the Property under certain terms and conditions.

NOW, THEREFORE, in consideration of the foregoing and other good and valuable consideration the receipt and sufficiency of which is hereby acknowledged, EAI, AEA, and Owner agree as follows:

1. The recitals above are hereby incorporated as if fully restated as this paragraph one.

2. Owner hereby grants permission to EAI, its employees, agents, invitees and contractors to enter upon the Property, as is reasonably required and consistent with this License, at times satisfactory to Owner, for the performance of, and for the sole purpose of, conducting the activities described in the Work Plan and Access Request Letter (the ***"Work"***). This grant of access shall not include access inside any building located or to be built upon the Property, but shall include the right to conduct the Work subject to the following terms and provisions:

a. EAI and AEA shall be responsible for the proper identification, characterization, labeling, handling, packaging and disposal of all waste, including any waste characterized as hazardous, generated by EAI and/or its contractors or subcontractors during the course of the Work. EAI shall not store or accumulate any waste on the Property, and all waste generated by the Work must be removed from the Property, in compliance with applicable law, by the close of the work on the day on which the waste is generated. AEA acknowledges that it is the generator (and not Owner) of any waste generated by EAI during the Work performed pursuant to this License, and that it shall be responsible (and not Owner) for the preparation and execution of any manifests required for disposal of waste.

b. EAI shall provide two (2) business days advance notice to Owner of dates on which access to the Property is desired to conduct the Work. EAI shall provide to Owner such information as Owner shall reasonably require, including without limitation, the purpose

and scope of the requested access, and names of EAI, contractor and subcontractor personnel requiring access to the Property. EAI understands that Owner strictly controls access to the Property. If Owner objects to a request by EAI for access or demands additional information, the parties shall consult promptly to resolve any issues and to ensure compliance with this License. EAI agrees that upon notice of Owner's objection, it shall not access the Property until consultations with Owner pursuant to this paragraph are completed to Owner's reasonable satisfaction.

c. Upon termination of this License, or upon the completion of the Work, EAI shall immediately remove any and all equipment installed or located in, on, or over the Property. In addition, EAI shall return the Property to a condition as good as existed immediately prior to commencement of the Work, in accordance with the terms of Section 3 below.

d. EAI and AEA shall provide Owner with copies of all reports, data, diagrams, drawings or other documents generated as a result of, or depicting the results of, the Work at the time and in the form such report is made available to the public or any government agency.

3. All repairs and replacements necessary as a result of any and all damage caused, directly or indirectly, by EAI, its employees, agents, invitees or contractors, to the Property or any improvements located thereon, including but not limited to, the streets, roads and landscaping at the Property, shall be performed by EAI at its or AEA's cost and expense. All repairs and replacements shall be accomplished in a good and workmanlike manner, in accordance with all applicable laws, rules and regulations and as approved by Owner, shall be lien free upon completion, and shall be left clean, safe and in good condition and repair. All repairs and replacements shall be completed within five (5) days of the occurrence of any such damage.

4. EAI and AEA assume full and entire responsibility for any and all loss of life, injury to persons, or damage to property or any other loss, liability, cost or injury that may be sustained, or proven to be sustained, directly or indirectly, due to or in connection with EAI's, its employees', agents', invitees' or contractors' entry upon the Property, their accessing of or work on the Property, or their use of this License. EAI and AEA agree to indemnify, defend, save and hold Owner harmless from and against any and all liability, injury, demands, claims, penalties, fines, loss, liability claims, expenses (including attorneys' fees) and damages as a result of or in connection with respect to EAI, its employees', agents', invitees' or contractors' entry upon the Property, accessing of, or work on the Property, or use of this License, including without limitation, any damage to or destruction of, any property, or injury to any person, to the extent arising out of or attributable to the performance or nonperformance of the Work or to errors, omissions, contract breaches or negligence or misconduct by EAI, its employees, agents, invitees or contractors.

5. EAI, its employees, agents, invitees and contractors agree not to block the access of Owner or its tenants, guests, and contractors to any buildings on the Property, or to the Property itself.

6. Any entry and work performed on the Property by EAI, its employees, agents, invitees and contractors hereunder will be accomplished in the most reasonable, direct and unobtrusive manner possible, and will be done using all means possible to avoid injury to person, damage to property and loud noise or disturbance.

7. EAI agrees to obtain and carry, and cause its contractors to obtain and carry, at all times throughout the term of this License, at its sole cost and expense, comprehensive general liability insurance against loss or damage to persons injured or property damaged as a result of any activities taken pursuant to this License, with a combined single limit of not less than One Million Dollars ($1,000,000.00), and property insurance adequate to cover the indemnity obligations contained herein, in each case showing Owner as an additional insured, which shall in each case be in form and content, and written by companies, acceptable to Owner, in its sole and absolute discretion. EAI agrees to provide Owner thirty (30) days written notice prior to any termination or modification of said insurance policies. Prior to EAI's entry onto the Property under this License, EAI shall provide Owner with copies of certificates of insurance evidencing the coverage required under this paragraph.

8. The License granted herein is valid from the date of execution hereof for a period of 30 days, and shall expire without further notice to the parties. Thereafter all rights, privileges, duties and obligations under this license shall be extinguished and of no further effect or validity. Notwithstanding the foregoing, EAI's and AEA's obligations under Sections 2(a), 2(c), 2(d), 3, 4, 6, 7, 8, 11, 12, and 13 shall continue and remain in full force and effect notwithstanding any termination or expiration of this License. Owner has the right to extend the term of this License in its sole discretion.

9. Owner shall have the right to terminate this License at any time upon ten (10) days prior written notice.

10. This License shall be deemed to have been drafted jointly by the parties. Any uncertainty or ambiguity shall not be construed for or against either party as an attribution of drafting of either party.

11. EAI and AEA shall not permit any mechanics or other liens or encumbrances to be recorded against the Property, by reason of labor or materials furnished to the Property in connection with EAI's work on the Property. If any such lien is recorded, EAI and AEA shall cause its discharge of record by payment of the lien claim or the posting of a bond within thirty (30) days after demand by Owner. EAI and AEA shall indemnify, hold harmless and defend Owner against any such lien.

12. Owner shall not be responsible or liable in any way for the costs or fees incurred or charged by EAI or its subcontractors, employees, or agents in performance of the work under this License. EAI agrees that it shall look exclusively to AEA for payment of its fees, costs, and other charges.

13. Nothing in the License shall limit or release any claims or causes of action that Owner may have against AEA. Owner expressly reserves its rights against AEA with respect to any claims it may have for past, present, or future damages arising from or related to the

presence of contaminants, pollutants, or hazardous substances on the Property.

14. This License may be executed in counterparts, each of which shall be deemed an original, but all of which taken together shall constitute one and the same instrument. Facsimile and/or email (PDF) execution pages shall be an accepted method of signing and delivering this License.

IN WITNESS WHEREOF, the parties hereto have executed this License for Temporary Right of Entry as of the date and year first above written.

ENVIRONMENTAL AUDIT, INC.

By: _____
Name: Steven A. Bright
Its: President

AEA INVESTMENTS V, LLC

By: _____
Name: Donald R. Abrahm
Its: Managing Member

TOTAH FAMILY PARTNERSHIP,
a California limited partnership

By: Totah Family, LLC
Its: General Partner,

By: _____
Name: Nancy LaBarbera
Its: Managing Member

PA2014-110

presence of contaminants, pollutants, or hazardous substances on the Property.

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a California limited partnership

By: Totah Family, LLC
Its: General Partner,

By: _____
Name: Nancy LaBarbera
Its: Managing Member

Lydia mark
310-496-1402 @

15011254.4

presence of contaminants, pollutants, or hazardous substances on the Property.

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Its: Managing Member

TOTAH FAMILY PARTNERSHIP,
a California limited partnership

By: Totah Family, LLC
Its: General Partner,

By: _____
Name: Nancy LaBarbera
Its: Managing Member

PA2014-110

FIRST AMENDMENT TO LICENSE FOR TEMPORARY RIGHT OF ENTRY

This First Amendment to License for Temporary Right of Entry (***"First Amendment"***) is entered into by and between Totah Family Partnership, a California limited partnership (***"Owner"***), as owner of the Property (as hereinafter defined), Environmental Audit, Inc., a California corporation (***"EAI"***) and AEA Investment V, LLC, a California limited liability company (collectively, the ***"Parties"***) as of the 29th day of June, 2012.

WHEREAS, the Parties have previously entered into a License for Temporary Right of Entry (***"License"***) for the property commonly known as the EBB Tide Mobile Home Park, located in the City of Newport Beach, California, 1560 Placentia Avenue (***"Property"***);

WHEREAS, the term of the License expire on June 30, 2012;

WHEREAS, the Parties desire to extend the term of the License.

NOW, THEREFORE, in consideration of the foregoing and other good and valuable consideration the receipt and sufficiency of which is hereby acknowledged, the Parties agree as follows:

1. The recitals above are hereby incorporated as if fully restated herein.

2. The term of the License is extended to July 31, 2012.

3. All other terms and conditions of the License remain in full force and effect.

IN WITNESS WHEREOF, the Parties hereto have executed this First Amendment to License for Temporary Right of Entry effective as of the date and year first above written.

ENVIRONMENTAL AUDIT, INC.

By: _____
Name: Steven A. Bright
Its: President

AEA INVESTMENTS V, LLC

By: _____
Name: Donald R. Abrahm
Its: Managing Member

Post-it® Fax Note 7671	Date 6/28/12	# of pages ▶ 2
To Mark Gilmartin	From Dotty	
Co./Dept.	Co. Dr Abrahm	
Phone #	Phone #	
Fax # 310-496-1402	Fax #	

PA2014-110

TOTAH FAMILY PARTNERSHIP,
a California limited partnership

By: Totah Family, LLC
Its: General Partner

By: _____
Name: Nancy LaBarbera
Its: Managing Member

PA2014-110

AIR SAMPLING RESULTS FOR THE EBB TIDE MOBILE HOME PARK

AEA INVESTMENTS V LLC PROPERTY
775 – 777 West 16th Street
Costa Mesa, CA 92627
OCHCA Case No. 09IC006

Prepared for:
AEA INVESTMENTS V LLC
1525 Superior Avenue, Suite 104
Newport beach, CA 92663

EAI Project No. 2624

July 23, 2012

Prepared by:

ENVIRONMENTAL AUDIT, INC.®

1000-A Ortega Way
Placentia, CA 92870-7162
(714) 632-8521 = Phone
(714) 632-6754 = Fax

TABLE OF CONTENTS

1.0 INTRODUCTION....1
1.1 BACKGROUND INFORMATION....1
1.2 SCOPE OF WORK....2

2.0 SAMPLING ACTIVITIES AND RESULTS....3
2.1 PERMITS....3
2.2 HEALTH AND SAFETY PLAN....3
2.3 SAMPLING METHODS AND PROCEDURES....3
2.4 ANALYTICAL PROGRAM....4

3.0 DISCUSSION AND CONSLUSIONS....5

4.0 COURSE OF ACTION....7

5.0 LIMITATION....8

6.0 REFERENCES....9

TABLE
1: Summary of Air Testing Results for EBB Tide Mobile Home Park

FIGURES
1: Site Location Map
2: Aerial Vicinity Map
3: Air Sampling Locations

APPENDICES
A: OCHCA Letter dated April 13, 2012
B: Chain of Custody Record and Laboratory Report

1.0 INTRODUCTION

This report documents the results of air sampling conducted at the EBB Tide Mobile Home Park located at 1560 Placentia Avenue, Newport Beach, Orange County, California 92663 (Mobile Home Park) between July 5, 2012 and July 6, 2012. Environmental Audit, Inc. (EAI), on behalf of AEA Investment V LLC (AEA), was retained to conduct the air sampling.

1.1 BACKGROUND INFORMATION

AEA has been conducting assessment and remediation activities for the real property it owns located at 775 - 777 W. 16th Street, Costa Mesa, Orange County, California 92627 (Site) under supervision of the Orange County Health Care Agency (OCHCA) (see Figure 1). The Site is identified by the OCHCA as Case No. 09IC006 and Mr. Luis Lodrigueza is the OCHCA case manager. The Mobile Home Park is located immediately adjacent (south) of the Site (see Figure 2).

Land use surrounding the Site and Mobile Home Park is primarily commercial-industrial with some scattered residential use. Many properties in the area of the Site and Mobile Home Park are known to be impacted and many of these impacted properties, although not all, are located within an area identified as the "*Costa Mesa Site Discovery Area*," which is currently being investigated under Department of Toxic Substances Control (DTSC) oversight. The *Costa Mesa Site Discovery Area* covers approximately 75-acres of land that is located between 18th Street and 16th Street on the north and south, and Placentia Avenue and Monrovia Avenue on the east and west (see Figure 2). Chemicals of concern include volatile organic compounds (VOCs), which have been detected in soil, soil gas, and ground water beneath the study area (see AMEC, 2011).

The Site is approximately 0.85-acres and currently contains one building of about 15,236 square feet. The Site building is divided into two spaces that have been designated as 775 West 16th Street (Eastern Portion of Site Building) and 777 West 16th Street (Western Portion of Site Building). The Site was initially developed in 1955.

Historical land uses have resulted in the discharge of chemicals to media at the Site, i.e., soil, soil gas, and ground water. Chemicals of concern include tetrachloroethene (PCE), trichloroethene (TCE), and their breakdown products. Soil vapor extraction (SVE) efforts were conducted at the Site between January 2009 and April 2010 to mitigate VOCs. Following shut-down of the SVE system, rebound sampling was conducted in July 2010 from the nine nested soil vapor probes constructed on the Site to monitor remediation efforts. A vapor intrusion human health risk assessment (VI-HHRA) was conducted using the maximum concentration of each chemical detected in the nested soil vapor probes located inside and outside of the on-site building for modeling purposes, The results of the VI-HHRA indicated incremental lifetime cancer risks as follows with hazard quotients for all scenarios below the threshold level of 1.0 (see EAI, 2010C):

Area	Soil Gas 4 feet bgs	Soil Gas 10 feet bgs
Beneath Buildings	7.5E-07 or 0.75 per million	3.5E-07 or 0.35 per million
Outside	2.6E-06 or 2.6 per million	1.6E-06 or 1.6 per million

The State of California has defined a risk of 10 per million as the "*no significant risk level*" for carcinogens under California's Safe Water and Toxic Enforcement Act, i.e., Proposition 65. Further, most air districts use the 10 per million risk level as the notification trigger level under California's AB2588 Toxic Hot Spots Program. Based on the above, EAI concluded that further operation of the SVE system was not required.

Due to funding difficulty, AEA ceased work at the Site in or about January 2011. In a letter dated January 4, 2012 to AEA, the OCHCA indicated that:

- OCHCA has to verify the latest concentrations of VOC by witnessing the collection of soil gas samples from existing on-site soil vapor probes and conducting its own excess cancer risk/health hazard evaluation to determine whether or not no further action can be considered in terms of soil/soil vapor.

- Additional actions are required to assess ground water.

- Additional actions are required, at or very near, the Mobile Home Park to assess the potential for vapor intrusion.

AEA funds are still very limited and based on discussions between EAI staff (Mr. Boris Stolin) and OCHCA staff (Mr. Luis Lodrigueza), it was decided that assessing the potential for vapor intrusion impacts at the Mobile Home Park was the highest priority item.

1.2 SCOPE OF WORK

On April 2, 2012, EAI submitted a report for the Site to the OCHCA titled "*Off-Site Air Sampling Work Plan*" (Work Plan) (see EAI, 2012). Since the mobile homes located at the Mobile Home Park are placed on stilts that elevate the bottom foundation of each home approximately 18- to 24-inches above the ground surface forming what is identified herein as a "*crawl space*," the Work Plan proposed to:

- Collect two air samples over a 24-hour period using Summa Canisters from the crawl spaces of the two mobile homes located closest to the Site, i.e., Mobile Home A9 and Mobile Home A10.

- Collect one ambient air/background sample at the Mobile Home Park over the same 24-hour period as the samples collected from the crawl spaces.

- Analyze each sample for VOCs using United States Environmental Protection Agency (EPA) Method TO-15 SIM.

On April 13, 2012, the OCHCA forwarded a letter to AEA approving the Work Plan, with a requirement that two sampling events be conducted, six months apart to account for temporal variations (see Appendix A).

2.0 SAMPLING ACTIVITIES AND RESULTS

The Mobile Home Park is owned by:

- Totah Family Partnership
  34700 Pacific Coast Highway, Suite 303
  Capistrano Beach, CA 92624
  Attention: Joe La Barbera
  (949) 347-0612

The Totah Family Partnership granted permission to AEA and EAI to conduct the air sampling at the Mobile Home Park pursuant to a "*License for Temporary Right of Entry*." Additionally, EAI staff (Mr. Brent Mecham) met with Mr. Joe La Barbera and the occupants of Mobile Home A9 (Ms. Adriana Batista) and Mobile Home A10 (Mr. Jeff Beat) on June 26, 2012, at the Mobile Home Park to discuss the air sampling program. At this time the crawl spaces beneath Mobile Home A9 and Mobile Home A10 were also inspected to determine if any materials were stored in these crawl spaces that could impact testing results. No materials were present in the crawl spaces. The majority of the crawl space beneath each mobile home is unpaved.

2.1 PERMITS

No permits were required to conduct the work.

2.2 HEALTH AND SAFETY

Work was conducted in accordance with the EAI Health and Safety Plan for the Site.

2.3 SAMPLING METHODS AND PROCEDURES

Air sampling was conducted over a 24-hour period starting at about 8:00 AM on July 5, 2012 and ending at about 8:00 AM on July 6, 2012. All of the air samples were collected using Summa Canisters provided by Air Technology Laboratories, Inc. (ATL). Each canister contained a choke that fill the canister over a 24-hour sampling period. Samples from the crawl spaces beneath the two mobile homes were collected by placing a Summa Canister beneath the approximate center of each mobile home. The air sample collected from beneath the crawl space of Mobile Home A9 was labeled Air A9, and the sample beneath Mobile Home A10 was labeled Air A10 (see Figure 3). An ambient air (background) sample labeled Air A11 was also collected as part of the sampling program from a height of about 5.5 feet above the ground surface (see Figure 3). The following provides a summary of sample collection information.

Sample ID	Location	Date	Start/Stop	Hours
Air A9	Crawl Space Mobile Home A9	07/05/12 07/06/12	8:05 AM 8:05 AM	24
Air A10	Crawl Space Mobile Home A10	07/05/12 07/06/12	8:08 AM 8:08 AM	24

Sample ID	Location	Date	Start/Stop	Hours
Air A11	Ambient Air	07/05/12 07/06/12	8:17 AM 8:17 AM	24

2.4 ANALYTICAL PROGRAM

The air samples were delivered to ATL and analyzed for VOCs using EPA Method TO-15 SIM. Appendix B contains the chain of custody record and laboratory report. The following chemicals were detected in the air samples analyzed (see Table 1).

Chemical	Air A9 Crawl Space Mobile Home A9	Air A10 Crawl Space Mobile Home A10	Air A11 Ambient Air
Dichlorodifluoromethane (Freon 12)	✓	✓	✓
Chloromethane	✓	✓	✓
Trichlorofluoromethane (Freon 11)	✓	✓	✓
1,1,2-Trichlorotrifluoroethane (Freon 113)	✓	✓	✓
Methylene Chloride	✓	✓	✓
2-Butanone (MEK)	✓	✓	✓
Chloroform	✓	✓	✓
Carbon Tetrachloride	✓	✓	✓
Benzene	✓	✓	✓
1,2-Dichloroethane (1,2-DCA)	✓	✓	✓
Toluene	✓	✓	✓
Tetrachloroethene (PCE) [(a)]			✓
Ethylbenzene	✓	✓	✓
Xylenes	✓	✓	✓
Styrene			✓

(a) a.k.a., perchloroethene.

3.0 DISCUSSION AND CONCLUSIONS

Vapor intrusion is a process by which chemicals, typically VOCs, detected in soil, soil gas and/or ground water migrate to indoor air above a contaminated site. Due to the proximity of the Mobile Home Park to the Site, crawl space air samples along with an ambient air (background) sample were collected to evaluate the potential for vapor intrusion at the Mobile Home Park.

DTSC guidance states that air within a crawl space can be sampled as a method to evaluate vapor intrusion (see DTSC, 2011). If vapor intrusion is occurring, chemicals of concern should be present in air within the crawl space. California Human Health Screening Levels (CHHSLs) have been established for indoor air for selected chemicals based on residential land use and commercial-industrial land use (see Cal-EPA, 2005). DTSC guidance assumes that the chemicals present in indoor are equal to the concentrations detected in the crawl space air samples.

PCE and TCE are the primary chemicals of concern associated with the Site. TCE was not detected in any of the air samples collected from the Mobile Home Park as part of this investigation, and PCE was detected only in the ambient air sample at a very low concentration, i.e., below the indoor air CHHSL established for residential land use, and not in the air samples collected from the crawl spaces beneath Mobile Home A9 and Mobile Home A10 (see Table 1). PCE and TCE data indicate no impact to the Mobile Home Park from the Site.

Other chemicals detected in all of the air samples collected from the Mobile Home Park include benzene, toluene, ethylbenzene and xylenes (BTEX), and Freon 11, Freon 12 and Freon 113. BTEX are products of combustion and likely associated with vehicle emissions, and Freon is typically used as a coolant for air conditioners. Two chemicals, carbon tetrachloride and benzene, were detected in the crawl space samples at concentrations above their respective indoor air CHHSLs established for residential land use, but at concentrations that are essentially the same as detected in ambient air, which is true for most of the chemicals detected as part of this investigation (see Table 1). Below lists the percentage of increase in chemical concentrations detected in crawl space air sample Air A9 and crawl space air sample Air A10 relatively to the concentrations in ambient air.

Chemical	Increase Above Ambient Air In Sample Air A9	Increase Above Ambient Air In Sample Air A10
Dichlorodifluoromethane (Freon 12)	4.7%	S
Chloromethane	<	S
Trichlorofluoromethane (Freon 11)	9.0%	S
1,1,2-Trichlorotrifluoroethane (Freon 113)	7.3%	3.7%
Methylene Chloride	12.5%	12.5%
2-Butanone (MEK)	150%	<
Chloroform	77.2%	11.3%
Carbon Tetrachloride	5.1%	S
Benzene	30.8%	3.9%
1,2-Dichloroethane (1,2-DCA)	9.5%	12.0%

Chemical	Increase Above Ambient Air In Sample Air A9	Increase Above Ambient Air In Sample Air A10
Toluene	5.9%	<
Tetrachloroethene (PCE)	ND	ND
Ethylbenzene	<	<
Xylenes	<	<
Styrene	ND	ND

S = Concentration same as detected in ambient air.
< = Concentration less than detected in ambient air.
ND = Chemical detected only in ambient air and not in crawl space samples.

Based on the information contained herein, the quality of the air present in the crawl spaces beneath Mobile Home A9 and Mobile Home A10, which defines the quality of indoor air, is essentially the same as the ambient quality air, and therefore, vapor intrusion is not an issue at the Mobile Home Park.

4.0 COURSE OF ACTION

As required by the OCHCA Work Plan approval letter (see Appendix A), another round of air sampling will be conducted for the Mobile Home Park on or about January 6, 2013, i.e., six months from the first air sampling event to account for temporal variations, assuming the property owner will grant access. The same locations and procedures used for this sampling event will be used for the next sampling event.

5.0 LIMITATION

Our professional services have been performed using that degree of knowledge, diligence, care and skill ordinarily exercised, under similar circumstances, by reputable environmental consultants practicing in this or similar localities at this time. EAI assumes that information provided by third parties is true, accurate and reliable. This report has been prepared for AEA. Use of this report by any other party shall be at such party's sole risk. No other warranty, expressed or implied, is made as to the professional advice contained in this report.

Respectfully submitted,

ENVIRONMENTAL AUDIT, INC.



Boris Stolin, PE
Manager Environmental Engineering



Steven A. Bright, REP
President

BS:SAB:BHM:pje

PA2014-110

6.0 REFERENCES

AMEC Geomatrix, Inc., "Costa Mesa Site Discovery Report, Costa Mesa, California," dated February 11, 2011, Project No. 0130240010 (AMEC, 2011).

Department of Toxic Substances Control, "Final Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air (Vapor Intrusion Guidance), dated October 2011 (DTSC, 2011).

Environmental Audit, Inc., "Vapor Extraction Pilot Test Report, 775 - 777 West 16th Street, Costa Mesa, CA 92627," dated March 24, 2009 (EAI, 2009A).

Environmental Audit, Inc., "Site Investigation Summary Report and Work Plan, 775 - 777 West 16th Street, Costa Mesa, CA 92627," dated April 13, 2009 (EAI, 2009B).

Environmental Audit, Inc., "Progress Report No. 1, AEA Investment V LLC Property, 775 - 777 West 16th Street, Costa Mesa, CA 92627, (OCHCA Case No. 09IC006)" dated September 16, 2009 (EAI, 2009C).

Environmental Audit, Inc., "Progress Report No. 2, AEA Investment V LLC Property, 775 - 777 West 16th Street, Costa Mesa, CA 92627, (OCHCA Case No. 09IC006)" dated January 11, 2010 (EAI, 2010A).

Environmental Audit, Inc., "Progress Report No. 3, AEA Investment V LLC Property, 775 - 777 West 16th Street, Costa Mesa, CA 92627, (OCHCA Case No. 09IC006)" dated April 22, 2010 (EAI, 2010B).

Environmental Audit, Inc., "Human Health Risk Assessment, AEA Investment V LLC Property, 775 - 777 West 16th Street, Costa Mesa, CA 92627, (OCHCA Case No. 09IC006)" dated August 3, 2010 (EAI, 2010C).

Environmental Audit, Inc., "Off-Site Air Sampling Work Plan, 775 - 777 West 16th Street, Costa Mesa, CA 92627, (OCHCA Case No. 09IC006)" dated April 2, 2012 (EAI, 2012).

TABLE

TABLE 1
SUMMARY OF AIR TESTING RESULTS FOR EBB TIDE MOBILE HOME PARK
1560 Placentia Avenue, Newport Beach, California

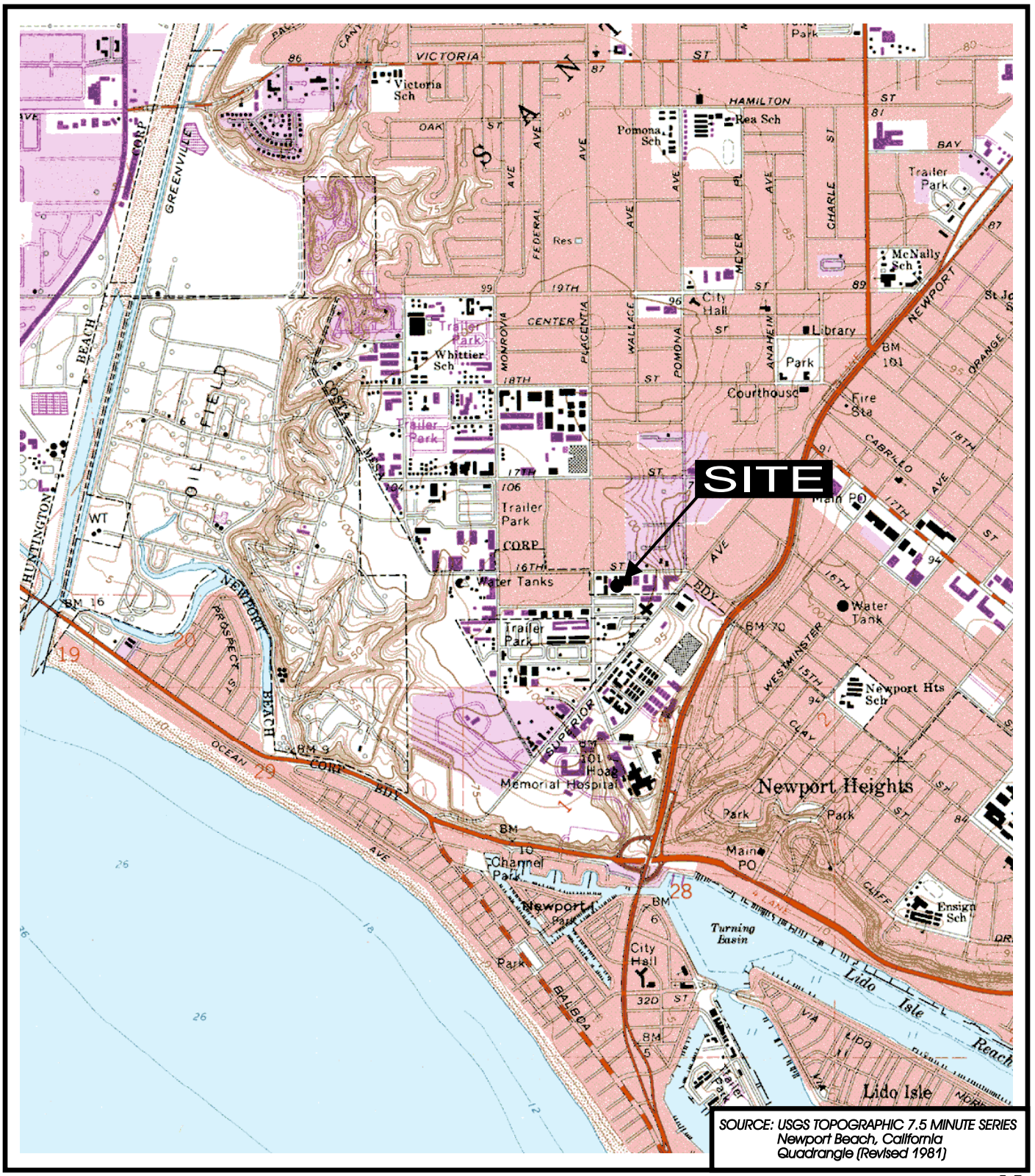
(concentration in micrograms per cubic meter - ug/m^3)

Original in Color

Chemical	Air A9 Crawl Space Mobile Home A9	Air A10 Crawl Space Mobile Home A10	Air A11 Ambient Air	CHHSL
Dichlorodifluoromethane (Freon 12)	2.2	2.1	2.1	NE
Chloromethane	0.85	1.0	1.0	NE
Trichlorofluoromethane (Freon 11)	1.2	1.1	1.1	NE
1,1,2-Trichlorotrifluoroethane (Freon 113)	0.59	0.57	0.55	NE
Methylene Chloride	0.36	0.36	0.32	NE
2-Butanone (MEK)	10	2.3	4.0	NE
Chloroform	0.14	0.088	0.079	NE
Carbon Tetrachloride	0.61	0.58	0.58	0.0578
Benzene	0.34	0.27	0.26	0.084
1,2-Dichlororthane (1,2-DCA)	0.046	0.047	0.042	0.116
Toluene	0.91	0.76	0.86	313
Tetrachloroethene (PCE) [(a)]	<0.068	<0.068	0.071	0.412
Ethylbenzene	0.15	0.13	0.16	0.97
Xylenes [(b)]	0.72	0.58	0.78	730
Styrene	<0.085	<0.085	0.10	NE

Samples collected using Summa Canisters
Only those volatile organic compounds detected (EPA TO-15 SIM) are listed
< = Not detected at laboratory reporting limit listed
(a) = a.k.a., perchloroethene
(b) = Sum of all isomers
NE = Not established
CHHSL = California Human Health Screening Level for indoor air - residential land use
0.61 = Concentration detected exceeds CHHSL

FIGURES



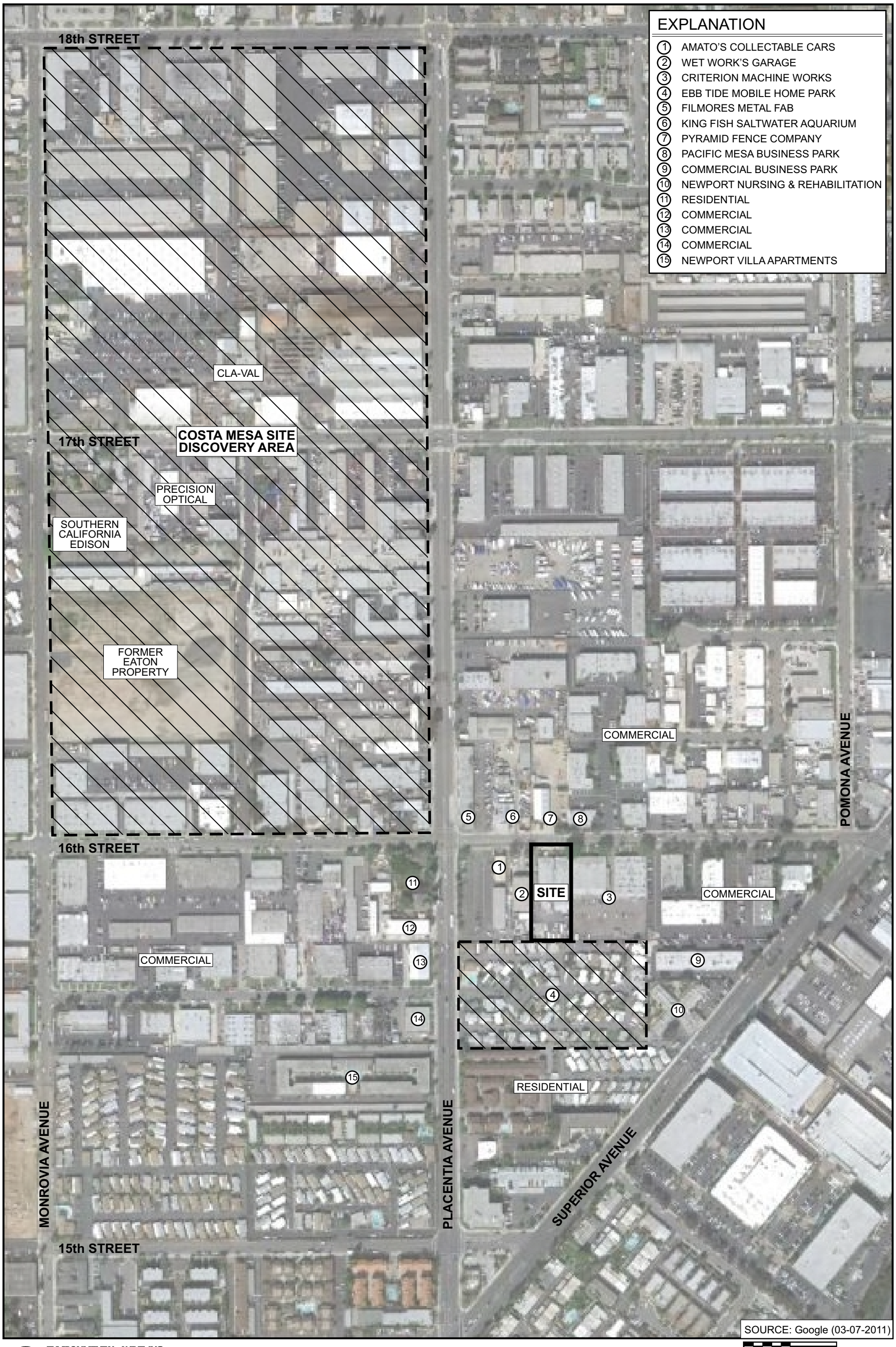
Environmental Audit, Inc.

SITE LOCATION MAP
775 - 777 West 16th Street
Costa Mesa, CA 92627

Project No. 2624

Figure 1

N:\2624CostaMesa\SiteLocMap.cdr



ENVIRONMENTAL AUDIT, INC.®

AERIAL VICINITY MAP
775 - 777 West 16th Street
Costa Mesa, CA 92627



Environmental Audit, Inc.

AIR SAMPLING LOCATIONS
EBB TIDE MOBILE HOME PARK
1560 Placentia Avenue
Newport Beach, CA

Project No. 2624

Figure 3

N:\2624CostaMesa\Off-Site Air (rev.1).cdr

APPENDIX A

OCHCA Letter dated April 13, 2012

PA2014-110

COUNTY OF ORANGE
HEALTH CARE AGENCY

PUBLIC HEALTH SERVICES
ENVIRONMENTAL HEALTH

MARK REFOWITZ
INTERIM DIRECTOR

DAVID M. SOULELES, MPH
DEPUTY AGENCY DIRECTOR

RICHARD SANCHEZ, REHS, MPH
DIRECTOR
ENVIRONMENTAL HEALTH

MAILING ADDRESS:
1241 E. DYER RD., #120
SANTA ANA, CA 92705-5611

TELEPHONE: (714) 433-6000
FAX: (714) 754-1732
E-MAIL: ehealth@ochca.com

Excellence
Integrity
Service

April 13, 2012

Donald R. Abrahm
AEA Investment V LLC
1525 Superior Avenue, Suite 104
Newport Beach, CA 92663

Subject: **Offsite Air Sampling Activities**

Re: AEA Investment V Property
775-777 W. 16th Street
Costa Mesa, CA 92627
OCHCA Case #09IC006

Dear Mr. Abrahm:

Orange County Health Care Agency (OCHCA) Environmental Health has reviewed the proposal on subject activities submitted by your consultant, Environmental Audit, Inc. (EAI). The purpose of the planned air sampling is to determine whether the tetrachloroethene or perchoroethylene (PCE) in soil gas resulting from the release of that solvent at the referenced site has extended offsite, thereby potentially posing a significant health risk to occupants of neighboring residential structures, particularly the Mobile Home Park. This phase of remedial investigation is being directed by OCHCA in consonance with the provision in the California Department of Toxic Substances Control (DTSC) in its Vapor Intrusion Guidance Document – Final, October 2011, which states that vapor intrusion into indoor air may be possible for existing structures in close proximity to subsurface contamination, generally within 100 feet of the contaminant plume, and should be duly investigated.

The proposed air sampling will involve the collection of one air sample from the crawl space of each of two residential units of the Mobile Home Park—Units A9 and A10—with an additional (ambient) air sample from the upwind direction. The air samples will be collected in using summa canisters within a 24-hour period and tested for volatile chemicals by EPA Test Method TO-15 SIM, and will be conducted in two seasons, six months apart, to account for temporal variations.

OCHCA finds the proposed air sampling acceptable for implementation. Please advise OCHCA staff at least 48 hours in advance of sampling activities.

If you have any questions regarding this matter, please contact the undersigned at (714) 433-6253.

Sincerely,

Luis Lodrigueza
Hazardous Waste Specialist
Hazardous Materials Mitigation Section
Environmental Health

cc: Kamron Saremi, California Regional Water Quality Control Board - Santa Ana Region
Steven A. Bright, Environmental Audit, Inc., 1000-A Ortega Way, Placentia, CA 92870

APPENDIX B

Chain of Custody Record and Laboratory Report

D070602-01103

Page 1 of 1

PA2014-110

Environmental Audit, Inc. ®

Planning, Environmental Analysis and Hazardous
Substances Management and Remediation
1000 ORTEGA WAY, SUITE A (714) 632-8521
PLACENTIA, CA 92870-7162 FAX (714) 632-6754

Chain of Custody Record

SAMPLING REQUIREMENTS: RCRA ☐ NPDES ☐ SDWA ☐ _____ ☐

WRITTEN QC REPORT
ROUTINE QC ☒
RWQCB QC ☐

TURNAROUND TIME:
SAME DAY ☐ 24hr ☐ 48 hr ☐ NORMAL ☒

PROJECT NO.	PROJECT NAME:
2624	AEA Investment V LLC

SAMPLER: (Signature)

PROJECT MANAGER: Steve Bright

	SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE DESCRIPTION	CONTR TYPE: GLASS	PLASTIC	SUMMA CANISTER	ANALYSIS REQUESTED: TO-15 SIM	NUMBER OF CONTAINERS	REMARKS
												REPORT IN UG/M3
01	Air A9	7/5/12	08:05			Air			X	X	1	Canister ID #3104 — 08:05
02	Air A10	11	08:08			Air			X	X	1	Canister ID #3105 — 08:08
03	Air A11	11	08:17			Air			X	X	1	Canister ID #7143 — 08:17

7/6/12

TOTAL NUMBER OF CONTAINERS: 3

RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)
	7/6/12			1022 7/6/12	
RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)

SAMPLES SHIPPED VIA:	SHIPPED BY: (Signature)	COURIER: (Signature)	RECEIVED FOR BY: (Signature)	DATE/TIME
FedEx ☐ UPS ☐ Airborne ☐ Bus ☐ Hand ☐ _____ ☐			LAB:	

PA2014-110

Air TECHNOLOGY Laboratories, Inc.

July 17, 2012

ACCREDITED DoD ELAP
ADE-1461
EPA Methods TO-3, TO14A,TO15 SIM & Scan, ASTM D1946

nelac
FL Cert E8784/LA Cert 04140
EPA Methods TO3, TO14A, TO15, 25C/3C, RSK-175
TX Cert T104704450-09-TX
EPA Methods TO14A, TO15

Environmental Audit, Inc.
ATTN: Steve Bright
1000-A Ortega Way
Placentia, CA 92870

LABORATORY TEST RESULTS

Project Reference: AEA Investment V LLC; 2624
Lab Number: D070602-01/03

Enclosed are results for sample(s) received 7/06/12 by Air Technology Laboratories. Analyses were performed according to specifications on the chain of custody provided with the sample(s).

Report Narrative:

- Unless otherwise noted in the report, sample analyses were performed within method performance criteria and meet all requirements of the NELAC Standards.
- The enclosed results relate only to the sample(s).

Preliminary results were e-mailed to Steve Bright and Boris Stolin on 7/17/12.

ATL appreciates the opportunity to provide testing services to your company. If you have any questions regarding these results, please call me at (626) 964-4032.

Sincerely,

Mark Johnson
Operations Manager
MJohnson@AirTechLabs.com

Note: The cover letter is an integral part of this analytical report.

Client: Environmental Audit
Attn: Steve Bright
Project Name: AEA Investment V LLC
Project No.: 2624
Date Received: 07/06/12
Matrix: Air
Reporting Units: ug/m3

EPA Method TO15 SIM

Lab No.:	D070602-01		D070602-02		D070602-03			
Client Sample I.D.:	Air A9		Air A10		Air A11			
Date Sampled:	07/05/12		07/05/12		07/05/12			
Date Analyzed:	07/16/12		07/16/12		07/16/12			
QC Batch No.:	120716MS2A1		120716MS2A1		120716MS2A1			
Analyst Initials:	DT		DT		DT			
Dilution Factor:	1.0		1.0		1.0			
ANALYTE	Result ug/m3	RL ug/m3	Result ug/m3	RL ug/m3	Result ug/m3	RL ug/m3		
Dichlorodifluoromethane (12)	2.2	0.049	2.1	0.049	2.1	0.049		
Chloromethane	0.85	0.021	1.0	0.021	1.0	0.021		
Vinyl Chloride	ND	0.013	ND	0.013	ND	0.013		
Chloroethane	ND	0.026	ND	0.026	ND	0.026		
Trichlorofluoromethane (11)	1.2	0.11	1.1	0.11	1.1	0.11		
1,1,2-Cl 1,2,2-F ethane (113)	0.59	0.15	0.57	0.15	0.55	0.15		
1,1-Dichloroethene	ND	0.020	ND	0.020	ND	0.020		
Methylene Chloride	0.36	0.17	0.36	0.17	0.32	0.17		
t-1,2-Dichloroethene	ND	0.040	ND	0.040	ND	0.040		
1,1-Dichloroethane	ND	0.040	ND	0.040	ND	0.040		
2-Butanone	10	0.29	2.3	0.29	4.0	0.29		
c-1,2-Dichloroethene	ND	0.040	ND	0.040	ND	0.040		
Chloroform	0.14	0.049	0.088	0.049	0.079	0.049		
1,1,1-Trichloroethane	ND	0.055	ND	0.055	ND	0.055		
Carbon Tetrachloride	0.61	0.063	0.58	0.063	0.58	0.063		
Benzene	0.34	0.16	0.27	0.16	0.26	0.16		
1,2-Dichloroethane	0.046	0.040	0.047	0.040	0.042	0.040		
Trichloroethene	ND	0.054	ND	0.054	ND	0.054		
1,2-Dichloropropane	ND	0.092	ND	0.092	ND	0.092		
Bromodichloromethane	ND	0.067	ND	0.067	ND	0.067		
Toluene	0.91	0.075	0.76	0.075	0.86	0.075		
t-1,3-Dichloropropene	ND	0.045	ND	0.045	ND	0.045		
1,1,2-Trichloroethane	ND	0.055	ND	0.055	ND	0.055		
Tetrachloroethene	ND	0.068	ND	0.068	0.071	0.068		
1,2-Dibromoethane	ND	0.15	ND	0.15	ND	0.15		
Ethylbenzene	0.15	0.087	0.13	0.087	0.16	0.087		
p,&m-Xylene	0.52	0.087	0.42	0.087	0.55	0.087		
o-Xylene	0.20	0.087	0.16	0.087	0.23	0.087		
Styrene	ND	0.085	ND	0.085	0.10	0.085		
1,1,2,2-Tetrachloroethane	ND	0.14	ND	0.14	ND	0.14		

ND = Not Detected (below RL)
RL = Reporting Limit

Reviewed/Approved By: _____ Operations Manager

Date 7/17/12

The cover letter is an integral part of this analytical report

18501 E. Gale Avenue, Suite 130 ♦ City of Industry, CA 91748 ♦ Ph: (626) 964-4032 ♦ Fx: (626) 964-5832

LCS/LCSD Recovery and RPD Summary Report

QC Batch #: 120716MS2A1

Matrix: Air

EPA Method TO-15 SIM

Lab No:	Method Blank		LCS		LCSD						
Date Analyzed:	07/16/12		07/16/12		07/16/12						
Data File ID:	16JUL004.D		16JUL008.D		16JUL009.D						
Analyst Initials:	DT		DT		DT						
Dilution Factor:	1.0		1.0		1.0			Limits			
ANALYTE	Result pptv	Spike Amount	Result pptv	% Rec	Result pptv	% Rec	RPD	Low %Rec	High %Rec	Max. RPD	Pass/ Fail
Vinyl Chloride	0.0	500	541	108	522	104	3.6	70	130	30	Pass
1,1-Dichloroethene	0.0	500	531	106	512	102	3.6	70	130	30	Pass
1,1,1-Trichloroethane	0.4	500	499	100	482	96	3.5	70	130	30	Pass
Benzene	15.0	500	472	94	468	94	0.8	70	130	30	Pass
Trichloroethene	0.0	500	528	106	541	108	2.5	70	130	30	Pass
Tetrachloroethene	0.0	500	512	102	527	105	2.7	70	130	30	Pass

Reviewed/Approved By: _____ Date: 7/17/12

Mark Johnson
Operations Manager

The cover letter is an integral part of this analytical report

EBB TIDE MOBILE HOME PARK
1560 Placentia Ave, Newport Beach, CA 92663
(949) 548-7421

July 30, 2012

_____
_____
_____

Re: *Notice of Potential Environmental Conditions*

Dear Tenant:

By letter dated May 2, 2012, we notified you of a request by neighboring property owner AEA Investment V LLC ("AEA") and its consultant, Environmental Audit, Inc., to conduct air sampling on the EBB Tide Mobile Home Park to determine the presence or absence of chemicals at the site. Specifically, Environmental Audit, Inc. requested access to the EBB Tide Mobile Home Park to collect samples from the "crawl spaces" beneath the mobile homes located at spaces A9 and A10, and one ambient air sample.

Environmental Audit, Inc. completed this air sampling on July 6, 2012, and has prepared a written report of its sampling and testing activities, entitled *"Air Sampling Results for the EBB Tide Mobile Home Park,"* dated July 23, 2012. A copy of this report is available for your review at the EBB Tide Mobile Home Park office during regular office hours.

Pursuant to California's Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65), Cal. Health & Saf. Code, §25249 .5, et seq., we provide you with the following notice:

> WARNING: The EBB Tide Mobile Home Park contains chemicals known to the State of California to cause cancer, birth defects and other reproductive harm.

If you have any questions or wish to obtain additional information about these matters, you may contact Mr. Luis Lodrigueza at the Orange County Health Care Agency ("OCHCA"), at

(714) 433-6253. Additional information concerning the environmental contamination at the AEA Site may be available for your review at the OCHCA offices, located at 1241 East Dyer Road, #120, Santa Ana, California.

Sincerely,

TFP Management, Inc.

By: Joe LaBarbera

PA2014-110

AIR SAMPLING RESULTS (SECOND EVENT) FOR THE EBB TIDE MOBILE HOME PARK

AEA INVESTMENTS V LLC PROPERTY
775 – 777 West 16th Street
Costa Mesa, CA 92627
OCHCA Case No. 09IC006

Prepared for:
AEA INVESTMENTS V LLC
1525 Superior Avenue, Suite 104
Newport Beach, CA 92663

EAI Project No. 2624

January 29, 2013

Prepared by:

ENVIRONMENTAL AUDIT, INC.®

1000-A Ortega Way
Placentia, CA 92870-7162
(714) 632-8521 = Phone
(714) 632-6754 = Fax

PA2014-110

TABLE OF CONTENTS

1.0 INTRODUCTION....1
1.1 BACKGROUND INFORMATION....1
1.1.1 Results of Prior Air Sampling....2

2.0 SAMPLING ACTIVITIES AND RESULTS....4
2.1 PERMITS....4
2.2 HEALTH AND SAFETY PLAN....4
2.3 SAMPLING METHODS AND PROCEDURES....4
2.4 ANALYTICAL PROGRAM....5

3.0 DISCUSSION AND CONCLUSION....6
3.1 DISCUSSION....6
3.2 CONCLUSION....7

4.0 LIMITATION....8

5.0 REFERENCES....9

TABLE
1: Summary of Air Testing Results for EBB Tide Mobile Home Park – July 2012
2: Summary of Air Testing Results for EBB Tide Mobile Home Park – January 2013

FIGURES
1: Site Location Map
2: Aerial Vicinity Map
3: Air Sampling Locations

APPENDICES
A: OCHCA Letter dated April 13, 2012
B: Chain of Custody Record and Laboratory Report

PA2014-110

1.0 INTRODUCTION

This report documents the results of a second air sampling event conducted at the EBB Tide Mobile Home Park located at 1560 Placentia Avenue, Newport Beach, Orange County, California 92663 (Mobile Home Park) between January 7, 2013 and January 8, 2013. Environmental Audit, Inc. (EAI), on behalf of AEA Investment V LLC (AEA), was retained to conduct the air sampling.

1.1 BACKGROUND INFORMATION

AEA has been conducting assessment and remediation activities for the real property it owns located at 775 - 777 W. 16th Street, Costa Mesa, Orange County, California 92627 (Site) under supervision of the Orange County Health Care Agency (OCHCA) (see Figure 1). The Site is identified by the OCHCA as Case No. 09IC006 and Mr. Luis Lodrigueza is the OCHCA case manager. The Mobile Home Park is located immediately adjacent (south) of the Site (see Figure 2).

Land use surrounding the Site and Mobile Home Park is primarily commercial-industrial with some scattered residential use. Many properties in the area of the Site and Mobile Home Park are known to be impacted and many of these impacted properties, although not all, are located within an area identified as the "*Costa Mesa Site Discovery Area*," which is currently being investigated under Department of Toxic Substances Control (DTSC) oversight. The *Costa Mesa Site Discovery Area* covers approximately 75-acres of land that is located between 18th Street and 16th Street on the north and south, and Placentia Avenue and Monrovia Avenue on the east and west (see Figure 2). Chemicals of concern include volatile organic compounds (VOCs), which have been detected in soil, soil gas, and ground water beneath the study area (see AMEC, 2011).

The Site is approximately 0.85-acres and currently contains one building of about 15,236 square feet. The Site building is divided into two spaces that have been designated as 775 West 16th Street (Eastern Portion of Site Building) and 777 West 16th Street (Western Portion of Site Building). The Site was initially developed in 1955.

Historical land uses have resulted in the discharge of chemicals to media at the Site, i.e., soil, soil gas, and ground water. Chemicals of concern include tetrachloroethene (PCE), trichloroethene (TCE), and their breakdown products. Soil vapor extraction (SVE) efforts were conducted at the Site between January 2009 and April 2010 to mitigate VOCs. Following shut-down of the SVE system, rebound sampling was conducted in July 2010 from the nine nested soil vapor probes constructed on the Site to monitor remediation efforts. A vapor intrusion human health risk assessment (VI-HHRA) was conducted using the maximum concentration of each chemical detected in the nested soil vapor probes located inside and outside of the on-site building for modeling purposes, The results of the VI-HHRA indicated incremental lifetime cancer risks as follows with hazard quotients for all scenarios below the threshold level of 1.0 (see EAI, 2010C):

Area	Soil Gas 4 feet bgs	Soil Gas 10 feet bgs
Beneath Buildings	7.5E-07 or 0.75 per million	3.5E-07 or 0.35 per million
Outside	2.6E-06 or 2.6 per million	1.6E-06 or 1.6 per million

The State of California has defined a risk of 10 per million as the "*no significant risk level*" for carcinogens under California's Safe Water and Toxic Enforcement Act, i.e., Proposition 65. Further, most air districts use the 10 per million risk level as the notification trigger level under California's AB2588 Toxic Hot Spots Program. Based on the above, EAI concluded that further operation of the SVE system was not required.

Due to funding difficulty, AEA ceased work at the Site in or about January 2011. In a letter dated January 4, 2012 to AEA, the OCHCA indicated that:

- OCHCA has to verify the latest concentrations of VOC by witnessing the collection of soil gas samples from existing on-site soil vapor probes and conducting its own excess cancer risk/health hazard evaluation to determine whether or not no further action can be considered in terms of soil/soil vapor.

- Additional actions are required to assess ground water.

- Additional actions are required, at or very near, the Mobile Home Park to assess the potential for vapor intrusion.

AEA funds are still very limited and based on discussions between EAI staff (Mr. Boris Stolin) and OCHCA staff (Mr. Luis Lodrigueza), it was decided that assessing the potential for vapor intrusion impacts at the Mobile Home Park was the highest priority item.

1.1.1 Results of Prior Air Sampling

On April 2, 2012, EAI submitted a report for the Site to the OCHCA titled "*Off-Site Air Sampling Work Plan*" (Work Plan) (see EAI, 2012A). Since the mobile homes located at the Mobile Home Park are placed on stilts that elevate the bottom foundation of each home approximately 18- to 24-inches above the ground surface forming what is identified herein as a "*crawl space*," the Work Plan proposed to:

- Collect two air samples over a 24-hour period using Summa Canisters from the crawl spaces of the two mobile homes located closest to the Site, i.e., Mobile Home A9 and Mobile Home A10.

- Collect one ambient air/background sample at the Mobile Home Park over the same 24-hour period as the samples collected from the crawl spaces.

- Analyze each sample for VOCs using United States Environmental Protection Agency (EPA) Method TO-15 SIM.

PA2014-110

On April 13, 2012, the OCHCA forwarded a letter to AEA approving the Work Plan, with a requirement that two sampling events be conducted, six months apart to account for temporal variations (see Appendix A).

The first sampling event was conducted on July 5 and 6, 2012 and consisted of collecting air samples from beneath the crawl spaces of Mobile Home A9 and Mobile Home A10, along with an ambient air sample (see Figure 3). The results of testing these air samples (see Table 1) indicated that the quality of the air present in the crawl spaces beneath the mobile homes was essentially the same as the ambient air sample, and therefore, vapor intrusion is not an issue at the Mobile Home Park (see EAI, 2012B).

PA2014-110

2.0 SAMPLING ACTIVITIES AND RESULTS

The Mobile Home Park is owned by:

- Totah Family Partnership
  34700 Pacific Coast Highway, Suite 303
  Capistrano Beach, CA 92624
  Attention: Joe La Barbera
  (949) 347-0612

The Totah Family Partnership granted verbal permission to EAI to conduct the second air sampling event at the Mobile Home Park.

2.1 PERMITS

No permits were required to conduct the work.

2.2 HEALTH AND SAFETY

Work was conducted in accordance with the EAI Health and Safety Plan for the Site.

2.3 SAMPLING METHODS AND PROCEDURES

The same sampling methods, procedures and sample locations used for the prior air sampling event conducted in July 2012 were used for this sampling event (see EAI, 2012B).

Prior to initiating sampling activities, the crawl spaces beneath Mobile Home A9 and Mobile Home A10 were inspected (January 7, 2013) to determine if any materials were stored in these crawl spaces that could impact testing results. No materials were present in the crawl spaces. The majority of the crawl space beneath each mobile home is unpaved.

Air sampling was conducted over a 24-hour period starting at about 8:00 AM on January 7, 2013 and ending at about 8:00 AM on January 8, 2013. All of the air samples were collected using 8-liter Summa Canisters provided by Air Technology Laboratories, Inc. (ATL). Each canister contained a choke that fill the canister over a 24-hour sampling period. Samples from the crawl spaces beneath the two mobile homes were collected by placing a Summa Canister beneath the approximate center of each mobile home. The air sample collected from beneath the crawl space of Mobile Home A9 was labeled Air A9, and the sample beneath Mobile Home A10 was labeled Air A10 (see Figure 3). An ambient air (background) sample labeled Air A11 was also collected as part of the sampling program from a height of about 5.5 feet above the ground surface (see Figure 3). The following provides a summary of sample collection information.

Sample ID	Location	Date	Start/Stop	Hours
Air A9	Crawl Space Mobile Home A9	01/07/13 01/08/13	08:04 08:04	24
Air A10	Crawl Space Mobile Home A10	01/07/13 01/08/13	08:10 08:10	24
Air A11	Ambient Air	01/07/13 01/08/13	08:12 08:12	24

2.4 ANALYTICAL PROGRAM

The air samples were delivered to ATL and analyzed for VOCs using EPA Method TO-15 SIM. Appendix B contains the chain of custody record and laboratory report. The following chemicals were detected in the air samples collected as part of this investigation (see Table 2).

Chemical	Air A9 Crawl Space Mobile Home A9	Air A10 Crawl Space Mobile Home A10	Air A11 Ambient Air
Dichlorodifluoromethane (Freon 12)	✓	✓	✓
Chloromethane	✓	✓	✓
Chloroethane		✓	
Trichlorofluoromethane (Freon 11)	✓	✓	✓
1,1,2-Trichlorotrifluoroethane (Freon 113)	✓	✓	✓
Methylene Chloride	✓	✓	✓
2-Butanone (MEK)	✓	✓	✓
Chloroform	✓	✓	✓
1,1,1-Trichloroethane (1,1,1-TCA)	✓	✓	
Carbon Tetrachloride	✓	✓	✓
Benzene	✓	✓	✓
1,2-Dichloroethane (1,2-DCA)	✓	✓	✓
Trichloroethene (TCE)	✓	✓	✓
Toluene	✓	✓	✓
Tetrachloroethene (PCE) [(a)]	✓	✓	✓
Ethylbenzene	✓	✓	✓
Xylenes	✓	✓	✓
Styrene	✓	✓	✓

(a) a.k.a., perchloroethene.

All of the chemicals listed above were also detected in air samples collected as part of the prior sampling event (July 2012), except for chloroethane, 1,1,1-TCA, and TCE, which were detected only in air samples collected as part of this investigation.

PA2014-110

3.0 DISCUSSION AND CONCLUSION

3.1 DISCUSSION

Vapor intrusion is a process by which chemicals, typically VOCs, detected in soil, soil gas and/or ground water migrate to indoor air above a contaminated site. Due to the proximity of the Mobile Home Park to the Site, crawl space air samples along with an ambient air (background) sample were collected to evaluate the potential for vapor intrusion at the Mobile Home Park.

DTSC guidance states that air within a crawl space can be sampled as a method to evaluate vapor intrusion (see DTSC, 2011). If vapor intrusion is occurring, chemicals of concern should be present in air within the crawl space. California Human Health Screening Levels (CHHSLs) have been established for indoor air for selected chemicals based on residential land use and commercial-industrial land use (see Cal-EPA, 2005). Chemicals detected at the Site for which there are established CHHSLs consist of 1,1,1-TCA, carbon tetrachloride, benzene, 1,2-DCA, TCE, toluene, PCE, ethylbenzene, and xylenes. Benzene, toluene, ethylbenzene and xylenes are products of combustion and likely associated with vehicle emissions. DTSC guidance assumes that the chemicals present in indoor air are equal to the concentrations detected in the crawl space air samples.

PCE and TCE are the primary chemicals of concern associated with the Site. PCE, carbon tetrachloride, benzene and ethylbenzene are the chemicals detected in selected crawl space samples above their respective residential CHHSLs (see Tables 1 and 2).

PCE was detected only in the ambient air sample (Air A11) collected as part of the first (July 2012) sampling event. For this investigation, PCE was detected in all three air samples at 0.340 micrograms per cubic meter (ug/m^3) for Air A9, 0.470 ug/m^3 for Air A10, and 0.310 ug/m^3 for ambient air (Air 11). The residential CHHSL for PCE in indoor air is 0.412 ug/m^3. Therefore, only crawl space sample Air A10 contained a PCE concentration above its residential CHHSL (see Table 2). However, if you subtract the PCE concentration detected in ambient air (0.310 ug/m^3) from the concentration detected in crawl space sample Air A10 (0.470 ug/m^3), the resultant concentration is 0.160 ug/m^3, which is below its indoor air CHHSL of 0.412 ug/m^3.

Carbon tetrachloride and benzene were detected in all of the crawl space air samples collected from both investigations at concentrations above their respective residential CHHSLs, but at concentrations that are essentially the same as detected in ambient air as illustrated below:

Chemical	July 2012 Maximum Concentration Crawl Space (ug/m3)	Ambient Air (ug/m3)
Carbon Tetrachloride	0.61	0.58
Benzene	0.34	0.26

Chemical	January 2013 Maximum Concentration Crawl Space (ug/m3)	Ambient Air (ug/m3)
Carbon Tetrachloride	0.60	0.57
Benzene	2.1	1.4

Ethylbenzene was also detected in all of the crawl air samples collected from both investigations, but only in crawl space sample Air A10 (0.98 ug/m^3) collected as part of this investigation at a concentration above its residential CHHSL of 0.97 ug/m^3 (see Table 2). However, the ambient air concentration of ethylbenzene for this sampling event (1.0 ug/m^3) was the highest concentration detected.

3.2 CONCLUSION

Based on the information contained and/or referenced herein, the quality of the air present in the crawl spaces beneath Mobile Home A9 and Mobile Home A10, which defines the quality of indoor air, is essentially the same as the ambient quality air, and therefore, vapor intrusion is not an issue at the Mobile Home Park.

4.0 LIMITATION

Our professional services have been performed using that degree of knowledge, diligence, care and skill ordinarily exercised, under similar circumstances, by reputable environmental consultants practicing in this or similar localities at this time. EAI assumes that information provided by third parties is true, accurate and reliable. This report has been prepared for AEA. Use of this report by any other party shall be at such party's sole risk. No other warranty, expressed or implied, is made as to the professional advice contained in this report.

Respectfully submitted,

ENVIRONMENTAL AUDIT, INC.



Boris Stolin, PE
Manager Environmental Engineering



Steven A. Bright, REP
President

SAB:BS:dbs

PA2014-110

5.0 REFERENCES

AMEC Geomatrix, Inc., "Costa Mesa Site Discovery Report, Costa Mesa, California," dated February 11, 2011, Project No. 0130240010 (AMEC, 2011).

Department of Toxic Substances Control, "Final Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air (Vapor Intrusion Guidance), dated October 2011 (DTSC, 2011).

Environmental Audit, Inc., "Vapor Extraction Pilot Test Report, 775 - 777 West 16th Street, Costa Mesa, CA 92627," dated March 24, 2009 (EAI, 2009A).

Environmental Audit, Inc., "Site Investigation Summary Report and Work Plan, 775 - 777 West 16th Street, Costa Mesa, CA 92627," dated April 13, 2009 (EAI, 2009B).

Environmental Audit, Inc., "Progress Report No. 1, AEA Investment V LLC Property, 775 - 777 West 16th Street, Costa Mesa, CA 92627, (OCHCA Case No. 09IC006)" dated September 16, 2009 (EAI, 2009C).

Environmental Audit, Inc., "Progress Report No. 2, AEA Investment V LLC Property, 775 - 777 West 16th Street, Costa Mesa, CA 92627, (OCHCA Case No. 09IC006)" dated January 11, 2010 (EAI, 2010A).

Environmental Audit, Inc., "Progress Report No. 3, AEA Investment V LLC Property, 775 - 777 West 16th Street, Costa Mesa, CA 92627, (OCHCA Case No. 09IC006)" dated April 22, 2010 (EAI, 2010B).

Environmental Audit, Inc., "Human Health Risk Assessment, AEA Investment V LLC Property, 775 - 777 West 16th Street, Costa Mesa, CA 92627, (OCHCA Case No. 09IC006)" dated August 3, 2010 (EAI, 2010C).

Environmental Audit, Inc., "Off-Site Air Sampling Work Plan, 775 - 777 West 16th Street, Costa Mesa, CA 92627, (OCHCA Case No. 09IC006)" dated April 2, 2012 (EAI, 2012A).

Environmental Audit, Inc., "Air Sampling Results of the EBB Tide Mobile Home Park, AEA Investments V LLC Property, 775 - 777 West 16th Street, Costa Mesa, CA 92627, (OCHCA Case No. 09IC006)" dated July 23, 2012 (EAI, 2012B).

TABLES

TABLE 1
SUMMARY OF AIR TESTING RESULTS FOR EBB TIDE MOBILE HOME PARK - JULY 2012
1560 Placentia Avenue, Newport Beach, California

(concentration in micrograms per cubic meter - ug/m^3)

Original in Color

Chemical	Air A9 Crawl Space Mobile Home A9	Air A10 Crawl Space Mobile Home A10	Air A11 Ambient Air	CHHSL
Dichlorodifluoromethane (Freon 12)	2.2	2.1	2.1	NE
Chloromethane	0.85	1.0	1.0	NE
Trichlorofluoromethane (Freon 11)	1.2	1.1	1.1	NE
1,1,2-Trichlorotrifluoroethane (Freon 113)	0.59	0.57	0.55	NE
Methylene Chloride	0.36	0.36	0.32	NE
2-Butanone (MEK)	10	2.3	4.0	NE
Chloroform	0.14	0.088	0.079	NE
Carbon Tetrachloride	0.61	0.58	0.58	0.0578
Benzene	0.34	0.27	0.26	0.084
1,2-Dichlororthane (1,2-DCA)	0.046	0.047	0.042	0.116
Toluene	0.91	0.76	0.86	313
Tetrachloroethene (PCE) (a)	<0.068	<0.068	0.071	0.412
Ethylbenzene	0.15	0.13	0.16	0.97
Xylenes (b)	0.72	0.58	0.78	730
Styrene	<0.085	<0.085	0.10	NE

Samples collected using Summa Canisters
Only those volatile organic compounds detected (EPA TO-15 SIM) are listed
< = Not detected at laboratory reporting limit listed
(a) = a.k.a., perchloroethene
(b) = Sum of all isomers
NE = Not established
CHHSL = California Human Health Screening Level for indoor air - residential land use
0.61 = Concentration detected exceeds CHHSL

TABLE 2
SUMMARY OF AIR TESTING RESULTS FOR EBB TIDE MOBILE HOME PARK - JANUARY 2013
1560 Placentia Avenue, Newport Beach, California

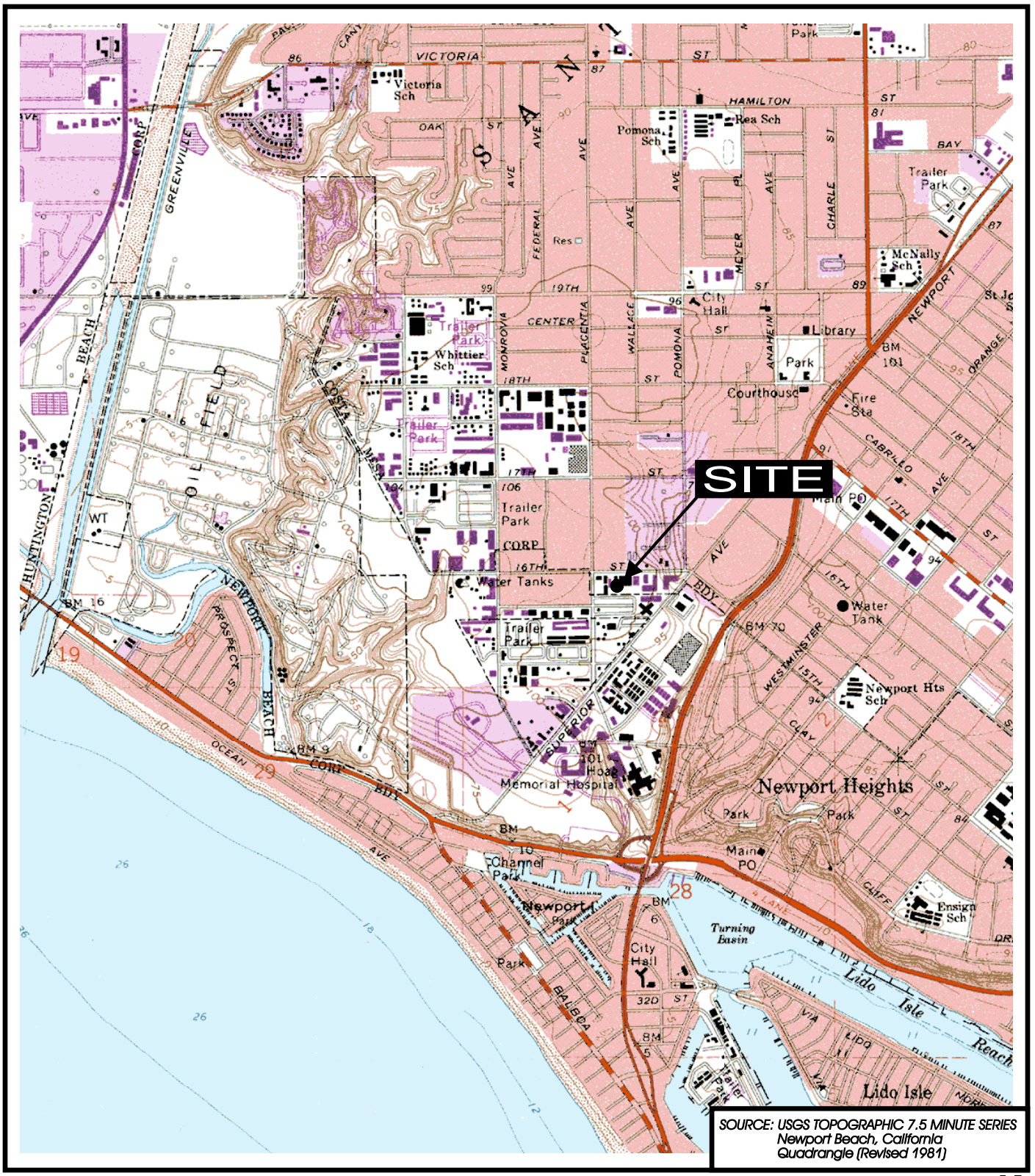
(concentration in micrograms per cubic meter - ug/m^3)

Original in Color

Chemical	Air A9 Crawl Space Mobile Home A9	Air A10 Crawl Space Mobile Home A10	Air A11 Ambient Air	CHHSL
Dichlorodifluoromethane (Freon 12)	2.7	2.6	2.7	NE
Chloromethane	0.90	1.1	1.3	NE
Chloroethane	<0.026	0.028	<0.026	NE
Trichlorofluoromethane (Freon 11)	1.5	1.6	1.3	NE
1,1,2-Trichlorotrifluoroethane (Freon 113)	0.68	0.65	0.66	NE
Methylene Chloride	1.8	0.85	0.94	NE
2-Butanone (MEK)	1.6	1.3	1.9	NE
Chloroform	0.26	0.19	0.20	NE
1,1,1-Trichloroethane (1,1,1-TCA)	0.056	0.16	<0.055	2,290
Carbon Tetrachloride	0.60	0.56	0.57	0.0578
Benzene	2.1	1.4	1.4	0.084
1,2-Dichlororthane (1,2-DCA)	0.110	0.091	0.091	0.116
Trichloroethene (TCE)	0.075	0.110	0.15	1.22
Toluene	4.3	4.6	4.7	313
Tetrachloroethene (PCE) [(a)]	0.340	0.470	0.310	0.412
Ethylbenzene	0.90	0.98	1.0	0.97
Xylenes [(b)]	5.1	5.3	5.6	730
Styrene	3.1	9.3	8.1	NE

Samples collected using Summa Canisters
Only those volatile organic compounds detected (EPA TO-15 SIM) are listed
< = Not detected at laboratory reporting limit listed
(a) = a.k.a., perchloroethene
(b) = Sum of all isomers
NE = Not established
CHHSL = California Human Health Screening Level for indoor air - residential land use
0.60 = Concentration detected exceeds CHHSL

FIGURES



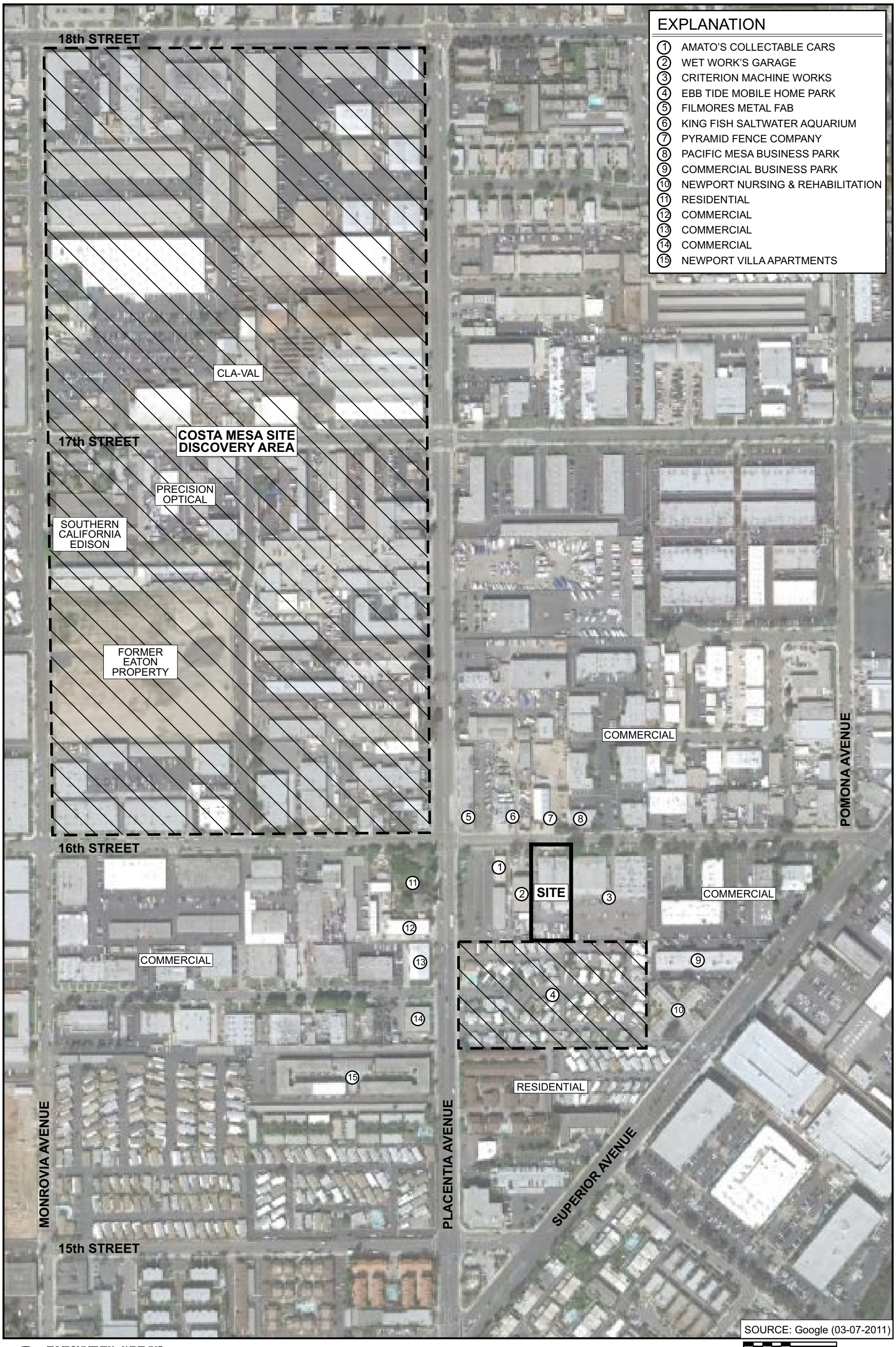
Environmental Audit, Inc.

SITE LOCATION MAP
775 - 777 West 16th Street
Costa Mesa, CA 92627

Project No. 2624

Figure 1

N:\2624CostaMesa\SiteLocMap.cdr



ENVIRONMENTAL AUDIT, INC.®

AERIAL VICINITY MAP
775 - 777 West 16th Street
Costa Mesa, CA 92627



Environmental Audit, Inc.

AIR SAMPLING LOCATIONS
EBB TIDE MOBILE HOME PARK
1560 Placentia Avenue
Newport Beach, CA

Project No. 2624

Figure 3

N:\2624CostaMesa\Off-Site Air (rev.2).cdr

APPENDIX A

OCHCA Letter dated April 13, 2012

PA2014-110

COUNTY OF ORANGE
HEALTH CARE AGENCY

PUBLIC HEALTH SERVICES
ENVIRONMENTAL HEALTH

MARK REFOWITZ
INTERIM DIRECTOR

DAVID M. SOULELES, MPH
DEPUTY AGENCY DIRECTOR

RICHARD SANCHEZ, REHS, MPH
DIRECTOR
ENVIRONMENTAL HEALTH

MAILING ADDRESS:
1241 E. DYER RD., #120
SANTA ANA, CA 92705-5611

TELEPHONE: (714) 433-6000
FAX: (714) 754-1732
E-MAIL: ehealth@ochca.com

Excellence
Integrity
Service

April 13, 2012

Donald R. Abrahm
AEA Investment V LLC
1525 Superior Avenue, Suite 104
Newport Beach, CA 92663

Subject: **Offsite Air Sampling Activities**

Re: AEA Investment V Property
775-777 W. 16th Street
Costa Mesa, CA 92627
OCHCA Case #09IC006

Dear Mr. Abrahm:

Orange County Health Care Agency (OCHCA) Environmental Health has reviewed the proposal on subject activities submitted by your consultant, Environmental Audit, Inc. (EAI). The purpose of the planned air sampling is to determine whether the tetrachloroethene or perchoroethylene (PCE) in soil gas resulting from the release of that solvent at the referenced site has extended offsite, thereby potentially posing a significant health risk to occupants of neighboring residential structures, particularly the Mobile Home Park. This phase of remedial investigation is being directed by OCHCA in consonance with the provision in the California Department of Toxic Substances Control (DTSC) in its Vapor Intrusion Guidance Document – Final, October 2011, which states that vapor intrusion into indoor air may be possible for existing structures in close proximity to subsurface contamination, generally within 100 feet of the contaminant plume, and should be duly investigated.

The proposed air sampling will involve the collection of one air sample from the crawl space of each of two residential units of the Mobile Home Park—Units A9 and A10—with an additional (ambient) air sample from the upwind direction. The air samples will be collected in using summa canisters within a 24-hour period and tested for volatile chemicals by EPA Test Method TO-15 SIM, and will be conducted in two seasons, six months apart, to account for temporal variations.

OCHCA finds the proposed air sampling acceptable for implementation. Please advise OCHCA staff at least 48 hours in advance of sampling activities.

If you have any questions regarding this matter, please contact the undersigned at (714) 433-6253.

Sincerely,

Luis Lodrigueza
Hazardous Waste Specialist
Hazardous Materials Mitigation Section
Environmental Health

cc: Kamron Saremi, California Regional Water Quality Control Board - Santa Ana Region
Steven A. Bright, Environmental Audit, Inc., 1000-A Ortega Way, Placentia, CA 92870

APPENDIX B

Chain of Custody Record and Laboratory Report

E010801-01/03

PA2014-110

Environmental Audit, Inc. ®

Planning, Environmental Analysis and Hazardous
Substances Management and Remediation
1000 ORTEGA WAY, SUITE A (714) 632-8521
PLACENTIA, CA 92870-7162 FAX (714) 632-6754

Chain of Custody Record

SAMPLING REQUIREMENTS: RCRA ☐ NPDES ☐ SDWA ☐ _____ ☐

WRITTEN QC REPORT
ROUTINE QC ☒
RWQCB QC ☐

TURNAROUND TIME:
SAME DAY ☐ 24hr ☐ 48 hr ☐ NORMAL ☒

PROJECT NO.	PROJECT NAME:	PROJECT MANAGER:
2624	AEA Investment V LLC	Steven Bright

SAMPLER: (Signature)

	SAMPLE NUMBER	START DATE	START TIME	COMP	GRAB	SAMPLE DESCRIPTION	CONTR TYPE: GLASS	PLASTIC	SUMMA CANISTER	ANALYSIS REQUESTED: TO-15 SIM		NUMBER OF CONTAINERS	REMARKS: END DATE	END TIME
01	A9	01/07/13	08:04			Air			X	X	Canister ID 3601 - FC 1940	1	01/08/13	08:04
02	A10	01/07/13	08:10			Air			X	X	Canister ID 7144 - FC 2030	1	01/08/13	08:10
03	A11	01/07/13	08:12			Air			X	X	Canister ID 2875 - FC 2032	1	01/08/13	08:12
											Report in ug/m^3			

TOTAL NUMBER OF CONTAINERS: 3

RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)
	1/8/13 09:15			1/8/13 9:50	ATL
RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)

SAMPLES SHIPPED VIA:	SHIPPED BY: (Signature)	COURIER: (Signature)	RECEIVED FOR BY: (Signature)	DATE/TIME
FedEx ☐ UPS ☐ Airborne ☐ Bus ☐ Hand ☐ _____ ☐			LAB: AIR TECH LABS	1/8/13 0950

PA2014-110

Air TECHNOLOGY Laboratories, Inc.

January 21, 2013

ACCLASS ACCREDITED DoD ELAP
ADE-1461
EPA Methods TO-3, TO14A,TO15 SIM & Scan, ASTM D1946

nelac
LA Cert 04140
EPA Methods TO3, TO14A, TO15, 25C/3C, RSK-175
TX Cert T104704450-09-TX
EPA Methods TO14A, TO15

Environmental Audit, Inc.
ATTN: Steven Bright
1000-A Ortega Way
Placentia, CA 92870

LABORATORY TEST RESULTS

Project Reference: AEA Investment V LLC; 2624
Lab Number: E010801-01/03

Enclosed are results for sample(s) received 1/08/13 by Air Technology Laboratories. Analyses were performed according to specifications on the chain of custody provided with the sample(s).

Report Narrative:

- Unless otherwise noted in the report, sample analyses were performed within method performance criteria and meet all requirements of the NELAC Standards.
- The enclosed results relate only to the sample(s).

Results were e-mailed to Steven Bright and Boris Stolin on 1/17/13 and 1/21/13 (to include 2-Butanone, per client's request).

ATL appreciates the opportunity to provide testing services to your company. If you have any questions regarding these results, please call me at (626) 964-4032.

Sincerely,

Mark Johnson
Operations Manager
MJohnson@AirTechLabs.com

Note: The cover letter is an integral part of this analytical report.

Client: Environmental Audit, Inc.
Attn: Steven Bright
Project Name: AEA Investment V LLC
Project No.: 2624
Date Received: 01/08/13
Matrix: Air
Reporting Units: ug/m3

EPA Method TO15 SIM

Lab No.:	E010801-01		E010801-02		E010801-03			
Client Sample I.D.:	A9		A10		A11			
Date Sampled:	01/07/13		01/07/13		01/07/13			
Date Analyzed:	01/16/13		01/16/13		01/16/13			
QC Batch No.:	130115MS2A1		130115MS2A1		130115MS2A1			
Analyst Initials:	DT		DT		DT			
Dilution Factor:	1.0		1.0		1.0			
ANALYTE	Result ug/m3	RL ug/m3	Result ug/m3	RL ug/m3	Result ug/m3	RL ug/m3		
Dichlorodifluoromethane (12)	2.7	0.049	2.6	0.049	2.7	0.049		
Chloromethane	0.90	0.021	1.1	0.021	1.3	0.021		
Vinyl Chloride	ND	0.013	ND	0.013	ND	0.013		
Chloroethane	ND	0.026	0.028	0.026	ND	0.026		
Trichlorofluoromethane (11)	1.5	0.11	1.6	0.11	1.3	0.11		
1,1,2-Cl 1,2,2-F ethane (113)	0.68	0.15	0.65	0.15	0.66	0.15		
1,1-Dichloroethene	ND	0.020	ND	0.020	ND	0.020		
Methylene Chloride	1.8	0.17	0.85	0.17	0.94	0.17		
t-1,2-Dichloroethene	ND	0.040	ND	0.040	ND	0.040		
1,1-Dichloroethane	ND	0.040	ND	0.040	ND	0.040		
2-Butanone	1.6	0.29	1.3	0.29	1.9	0.29		
c-1,2-Dichloroethene	ND	0.040	ND	0.040	ND	0.040		
Chloroform	0.26	0.049	0.19	0.049	0.20	0.049		
1,1,1-Trichloroethane	0.056	0.055	0.16	0.055	ND	0.055		
Carbon Tetrachloride	0.60	0.063	0.56	0.063	0.57	0.063		
Benzene	2.1	0.16	1.4	0.16	1.4	0.16		
1,2-Dichloroethane	0.11	0.040	0.091	0.040	0.091	0.040		
Trichloroethene	0.075	0.054	0.11	0.054	0.15	0.054		
1,2-Dichloropropane	ND	0.092	ND	0.092	ND	0.092		
Bromodichloromethane	ND	0.067	ND	0.067	ND	0.067		
Toluene	4.3	0.075	4.6	0.075	4.7	0.075		
t-1,3-Dichloropropene	ND	0.045	ND	0.045	ND	0.045		
1,1,2-Trichloroethane	ND	0.055	ND	0.055	ND	0.055		
Tetrachloroethene	0.34	0.068	0.47	0.068	0.31	0.068		
1,2-Dibromoethane	ND	0.15	ND	0.15	ND	0.15		
Ethylbenzene	0.90	0.087	0.98	0.087	1.0	0.087		
p,&m-Xylene	3.7	0.087	3.9	0.087	4.2	0.087		
o-Xylene	1.4	0.087	1.4	0.087	1.4	0.087		
Styrene	3.1	0.085	9.3	0.085	8.1	0.085		
1,1,2,2-Tetrachloroethane	ND	0.14	ND	0.14	ND	0.14		

ND = Not Detected (below RL)
RL = Reporting Limit

Reviewed/Approved By: _____ Operations Manager

Date 1/21/13

The cover letter is an integral part of this analytical report

AirTECHNOLOGY Laboratories, Inc.
18501 E. Gale Avenue, Suite 130 ♦ City of Industry, CA 91748 ♦ Ph: (626) 964-4032 ♦ Fx: (626) 964-5832

LCS/LCSD Recovery and RPD Summary Report

QC Batch #: 130115MS2A1

Matrix: Air

EPA Method TO-15 SIM

Lab No:	Method Blank		LCS		LCSD						
Date Analyzed:	01/15/13		01/15/13		01/15/13						
Data File ID:	15JAN023.D		15JAN021.D		15JAN022.D						
Analyst Initials:	DT		DT		DT						
Dilution Factor:	1.0		1.0		1.0			Limits			
ANALYTE	Result pptv	Spike Amount	Result pptv	% Rec	Result pptv	% Rec	RPD	Low %Rec	High %Rec	Max. RPD	Pass/ Fail
Vinyl Chloride	0.0	500	482	96	475	95	1.5	70	130	30	Pass
1,1-Dichloroethene	0.0	500	473	95	473	95	0.0	70	130	30	Pass
1,1,1-Trichloroethane	0.0	500	490	98	484	97	1.1	70	130	30	Pass
Benzene	14.2	500	468	94	475	95	1.4	70	130	30	Pass
Trichloroethene	0.0	500	501	100	499	100	0.3	70	130	30	Pass
Tetrachloroethene	0.6	500	536	107	530	106	1.1	70	130	30	Pass

Reviewed/Approved By: _____ **Date:** 1/21/13

Mark Johnson
Operations Manager

The cover letter is an integral part of this analytical report

PA2014-110

EBB TIDE MOBILE HOME PARK
1560 Placentia Ave, Newport Beach, CA 92663
(949) 548-7421

February 12, 2013

Vacant Lot
1560 Placentia Avenue, #F-14
Newport Beach, CA 92663

Re: *Notice of Potential Environmental Conditions*

Dear Tenant:

By letter dated May 2, 2012, we notified you of a request by neighboring property owner AEA Investment V LLC ("AEA") and its consultant, Environmental Audit, Inc., to conduct air sampling on the EBB Tide Mobile Home Park to determine the presence or absence of chemicals at the site. Specifically, Environmental Audit, Inc. requested access to the EBB Tide Mobile Home Park to collect samples from the "crawl spaces" beneath the mobile homes located at spaces A9 and A10, and one ambient air sample.

By letter dated July 30, 2012, we notified you that Environmental Audit completed this air sampling on July 6, 2012, and prepared a written report of its sampling and testing activities, entitled *" Air Sampling Results for the Ebb Tide Mobile Home Park, "* dated July 23, 2012. A copy of this report was made available, remains available, for your review at the Ebb Tide Mobile Home Park office during regular office hours.

On January 7-8, 2013, Environmental Audit conducted additional air sampling, and prepared a written report of its sampling and testing activities, entitled *" Air Sampling Results (Second Event) for the Ebb Tide Mobile Home Park, "* dated January 29, 2013. A copy of this report is available for your review at the Ebb Tide Mobile Home Park office during regular office hours.

Pursuant to California's Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65), Cal. Health & Saf. Code, §25249 .5, et seq., we provide you with the following notice:

> WARNING: The Ebb Tide Mobile Home Park contains chemicals known to the State of California to cause cancer, birth defects and other reproductive harm.

If you have any questions or wish to obtain additional information about these matters, you may contact Mr. Luis Lodrigueza at the Orange County Health Care Agency ("OCHCA"), at (714) 433-6253. Additional information concerning the environmental contamination at the AEA Site may be available for your review at the OCHCA offices, located at 1241 East Dyer Road, #120, Santa Ana, California.

Sincerely,

TFP Management, Inc.

By: Joe LaBarbera

PA2014-110

PROOF OF SERVICE

Western Manufactured Housing Communities Association

Resident(s): All Residents and Tenants Occupying Spaces at Ebb Tide Mobile Home Park

Space #: All Spaces

Address: 1560 Placentia Ave.
Newport Beach, CA 92663

Documents Served:

- ☐ Three & Sixty Day Notice
- ☐ Sixty-Day Notice Only
- ☐ Seven-Day Notice
- ☒ Other Notice of Potential Environmen Conditions Letter of 02-12-2013

(FILL IN APPLICABLE BLANKS)

☐ On _____ (Date), _____, I served the above-referenced document(s) on _____ (Name) by delivering a copy to _____ (Name), Resident, personally, pursuant to the requirements of the Code of Civil Procedure Section 1162.

☐ On _____ (Date), _____, I served the above-referenced document(s) on _____ (Name) by leaving a copy with some person of suitable age and discretion at the address set forth above, and sending a copy through the mail addressed to _____ (Name) at the place of residence.

☒ On February 12, 2013, I served the above-referenced document(s) on Occupants (Name) by affixing a copy in a conspicuous place on the property, and also sending a copy through the mail addressed to Occupants (Name) at the place where the property is located.

For all notices terminating tenancy:

IN ADDITION to service upon the Resident(s) as set forth above, a copy of the notice(s) were sent to the following legal owner, each junior lienholder, and the registered owner, if other than the homeowner, as set forth in the registration card specified in Section 18091.5 of the Health and Safety Code, by United States mail on _____ (Date), _____, thus complying with the requirements of Section 798.55 (b) of the California Civil Code.

Legal Owner — Name, Address: _____

Registered Owner — Name, Address: _____

Junior Lienholder(s) — Name, Address: _____

I declare that the foregoing is true and correct under penalty of perjury.
EXECUTED THIS 12 DAY OF February, 2013

AT Newport Beach, California.

Ray Torres
(Signature of Person Serving Notice)

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PA2014-110

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March 11, 2013

VIA E-MAIL AND MAIL

Mr. Luis Lodrigueza
Orange County Health Care Agency
1241 East Dyer Road, #120
Santa Ana, California 92705-5611
LLodrigueza@ochca.com

Re: EBB Tide Mobile Home Park, 1560 Placentia Avenue, Newport Beach, California 92633

Dear Mr. Lodrigueza:

This firm represents Totah Family Partnership, the owner of the EBB Tide Mobile Home Park located at the above-referenced address. We write to express our concern over recent communications from Environmental Audit, Inc. ("EAI").

In your February 19, 2013, e-mail communication to me, you notified me that additional air sampling, as well as soil vapor and groundwater investigation would be required as a result of the detection of perchloroethylene ("PCE") in the air space beneath unit A10 at a concentration that exceeds the California Human Health Screening Level ("CHHSL"). You specified that the soil vapor and groundwater investigation would be done within the EBB Tide property and around the AEA property, and that my client would be notified when that work was scheduled.

On February 28, 2013, Mr. Stephen Bright of EAI sent you an e-mail referencing a telephone conversation he had with you, stating that an additional round of air sampling would be conducted, omitting any mention of a soil vapor and groundwater investigation, asking you to confirm that scope of work, and stating that based on the results of this additional air sampling the data will be evaluated "to determine what additional work, if any, is required for the Mobile Home Park."

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PA2014-110

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L.L.P.

We are concerned that EAI, at the direction of the neighboring owner AEA, is attempting to avoid conducting the soil vapor and groundwater investigation that you directed. EAI appears to be suggesting that if the results of this third round of air sampling come back clean, no further investigation is required. As you know, the absence of detectable levels of contaminants on a particular date does not establish that there is no problem. This is demonstrated by the differing results obtained from the first two rounds of air sampling.

Because the PCE contamination has been detected, AEA must be required to assess the soil vapor and groundwater to determine whether the releases at the AEA property are a source of the contamination.

I understand that AEA's representatives have represented to you that AEA lacks funds to conduct the necessary soil vapor and groundwater investigation. We are skeptical of that representation, and urge you to require AEA to provide verified financial statements and tax returns covering the last 10 years. We understand that AEA is leasing the neighboring property, and has been deriving income from the rent for several years. Moreover, AEA's principal Dr. Donald Abrahm is a Newport Beach gastroenterologist. Our review of public records indicates that he may have multiple AEA entities and real estate investments.

We trust that you will proceed in a manner that is in the interest of public health, safety, and the environment. Thank you for your attention to this matter.

Best Regards,

Snell & Wilmer

Sean Michael Sherlock

SMS:rw

cc: Mr. Joe LaBarbera

June 17, 2013

Via Electronic Mail and US Mail

Mr. Luis Lodrigueza
Hazardous Waste Specialist
Hazardous Materials Mitigation Section
County of Orange Health Care Agency
1241 East Dyer Road, #120
Santa Ana, California 92705-5611

Re: Supplemental Site Investigation Work Plan
775-777 West 16th Street (Case No. 09IC002)
Costa Mesa, California

Dear Mr. Lodrigueza:

ENVIRON International Corporation (ENVIRON) has prepared this Work Plan, on behalf of AEA Investments V, LLC (AEA), to conduct a supplemental site investigation at the property located at 775-777 West 16th Street, Costa Mesa, California ("site", Figure 1). This Work Plan has been prepared in response to the Orange County Health Care Agency's (OCHCA) email request dated March 1, 2013 that additional investigation be conducted on- and off-site to delineate the full extent of chlorinated solvents in the subsurface soil, soil vapor, and groundwater. The objective of the Work Plan is to collect additional subsurface data to evaluate current environmental conditions at and downgradient from the site and to recommend appropriate next steps, if any.

Site Description

The site is located on the south side of West 16th Street, approximately 250 feet east of the intersection of West 16th Street and Placentia Avenue in Costa Mesa. The site consists of one 0.85-acre parcel developed with a single-story building of approximately 15,236 square feet (the "site building"). The site building has been divided into two equal-sized tenant spaces of approximately 7,618 square feet each. The site is almost entirely covered by the site building or pavement, except for minor landscaping along West 16th Street (Figure 2).

The site is located in an industrial area of Costa Mesa and is bound to the north by West 16th Street, to the west by Wet Work's Garage, to the east by Criterion Machine Works, and to the south by the EBB Tide Mobile Home Park.

Background

According to previous environmental reports, the site was undeveloped or vacant land in 1901 and 1902, was used for dry field crops and/or row crops from at least 1927 to 1953, and developed beginning in 1955. The site building was added sometime after 1955. Flexible Metal Hose Manufacturing Company reportedly occupied the entire site from at least 1957 until circa 1980, and the eastern portion of the site building from circa 1980 to at least 1986. Historic records indicate that a permit was issued to Flexible Metal Hose Manufacturing Company in 1978 for the operation of a tetrachloroethene (PCE) vapor-style type degreaser. The western portion of the site building was reportedly occupied by West Coast Woodworking (who also did business as Antiques Warehouse) from 1982 until mid-2008. Other tenants of the eastern portion of the site building have included Hills Generator Systems (1991 to 1995), West Coast Panel (1991 to 1995), LT Electronics (1997 to 1999)

OCG Inc., a cable harness assembly and electronic component sales company (1997 to 2005), and Murray Scott Construction (2005 until early 2009). Other tenants of the western portion of the site building have included Mr. Howie Berkowitz, who restored antique automobiles (February 2010 until at least August 2010) (Tetra Tech 2008a).

AEA is the current owner of the site and has owned it since August 2008. AEA has been the sole owner at the site and has not performed any on-site operations since its ownership. The site is currently vacant.

Local Geology and Hydrogeology

Based on prior environmental investigations conducted at the site, the soil beneath the site generally consists of silty sand with local layers of sandy clay and silt to approximately 50 feet below ground surface (bgs) (Tetra Tech 2008a and 2008b and Environmental Audit Inc. 2009). Perched groundwater was reported at a depth of approximately 45.5 feet bgs in Boring B-12 advanced by Tetra Tech on the southeast corner of the Site in August 2008 (Tetra Tech 2008b).

The site is located within the Coastal Plain of the Orange County Water Basin. In general, the coarser, more permeable sediments in the Basin are located in the area north and east of the site. Finer grained, less permeable sediments are located in the seaward “pressure” part of the Basin where the site is located. The primary water-bearing units in the Orange County Water Basin are located in the Upper, Middle and Lower Aquifer Systems. The Upper Aquifer Includes Holocene and Older alluvium and stream deposits and has an average thickness of approximately 800 feet. In the coastal area where the site is located, the Upper Aquifer System sediments tend to be finer-grained clays and clayey silts with possible minor recharge (Environmental Audit Inc. 2009).

The Middle Aquifer System is the primary source from which groundwater is extracted in the Orange County Water Basin and has an average thickness of 1,600 feet. The Lower Aquifer System is approximately 350 to 500 feet thick and is generally not a primary source of groundwater due to its depth (Environmental Audit Inc. 2009).

Shallow groundwater flow direction at the site is estimated to be generally southwesterly to south to southeasterly based on groundwater investigation and remediation activities at the Former J.C. Carter Company Facility located approximately 1,000 feet northeast of the site at 671 West 17th Street, Costa Mesa (Tetra Tech 2009 and 2012) and the Costa Mesa Site Discovery site located on 75 acres approximately 1000 feet northwest of the site (AMEC 2011).

Summary of Previous Environmental Assessments

A brief summary of previous environmental assessments conducted at the site to date is provided below and organized chronologically.

A Phase I Environmental Site Assessment (ESA) conducted at the site by Tetra Tech, Inc. (TTI) in July 2008 did not identify any Recognized Environmental Conditions (RECs); however, it identified several Potential Environmental Concerns (PECs) (Tetra Tech 2008a). Based on the TTI recommendations in the Phase I report, TTI conducted two subsurface investigations in August and September 2008 to evaluate the underlying subsurface conditions at the site due to historical manufacturing and light industrial site activities. The investigations in 2008 focused on production areas in the site building, the southern storage and parking area, and the area near the sump in the southeast corner of the site (Figure 3). The TTI investigations identified volatile organic compounds (VOCs), primarily PCE and to a lesser extent trichloroethene (TCE) in soil and soil vapor. These investigations also identified VOCs including TCE and PCE in one groundwater sample collected

from Boring B-12 at the site. Based on the results of these investigations, TTI concluded that the sump in the southeastern corner of the site may be a source of the elevated concentrations of VOCs (including PCE and TCE), although the conclusions indicated that the sump did not appear to be the only source to the VOC-impacted groundwater (based on the higher TCE concentrations). Additionally, TTI concluded that the reported concentrations of TCE and PCE from sub-slab soil vapor samples collected beneath the investigated areas of the site building were sufficiently high that they represented a potential VOC vapor intrusion condition (Tetra Tech 2008b and 2008c).

As a result of the findings from the TTI investigations, AEA retained Environmental Audit Inc. (EAI) to prepare a site investigation summary report and work plan for the site in April 2009. The site investigation summary report and work plan proposed the implementation of a soil vapor extraction (SVE) system to mitigate the VOCs reported in soil vapor beneath the site building. In January 2009, EAI installed two shallow (4 feet deep) SVE wells beneath the former production areas of the site building, and conducted SVE pilot tests between January and February 2009, and between May and August 2009. Based on the results of the SVE pilot tests which indicated SVE was a viable technology to address VOCs in the underlying soil vapor, two additional (10 feet deep) SVE wells were installed beneath the production areas of the site building and one deeper (25 feet deep) SVE well was installed near the concrete sump in the southeast corner of the site. Several nested vapor probes with screens at depths of 3 to 4 feet bgs and 9 to 10 feet bgs were installed at various locations across the site to monitor the efficiency of the SVE efforts. In October 2009, another vapor extraction well was installed beneath the production area of the site building (Figure 3). The SVE system reportedly operated intermittently between January 2009 and April 2010, for a total of 3,884 hours, and reportedly removed 264 pounds of PCE and 320 pounds of TCE from the subsurface soil and soil vapor (EAI 2010a). In April 2010, the SVE system was shut down and EAI conducted a rebound test in July 2010 to assess site closure. At the time of the SVE system shut down in April 2010, sampling results indicated that the maximum PCE soil vapor concentration was reported at a depth of 10 feet bgs with a concentration of 5,000 micrograms per cubic meter (µg/m^3) and the maximum TCE soil vapor concentration was reported at a depth of 10 feet bgs with a concentration of 10,000 µg/m^3. Subsequent sampling was conducted in August 2010 by EAI in support of the preparation of a Human Health Risk Assessment (HHRA) and an HHRA addendum (EAI 2010b and 2010c). Based on the results, the HHRA Addendum, which included modifications based on verbal comments received from the OCHCA, concluded that remediation efforts have significantly reduced the VOCs present in the soil vapor at the site, and that in the opinion of EAI, "*no further action*" was required at the site for soil or soil vapor.

In addition to the onsite investigation work, EAI also conducted investigations offsite at the request of OCHCA to assess potential VOC vapor intrusion at the residential trailer units located adjacent and immediately south of the site (EBB Mobile Home Park). In April 2012, the OCHCA approved a work plan from EAI to conduct indoor air quality (IAQ) sampling in the crawl space of two residential units in the mobile home park, with an additional ambient air sample from the upwind direction, in order to determine whether PCE in soil vapor had extended offsite. The OCHCA required the air sampling events to be conducted in two sessions, six months apart, to account for temporal variations. EAI conducted three IAQ sampling events with inconclusive results to date.

The OCHCA has not approved the HHRA and has requested certain additional investigations be performed to delineate the extent of chlorinated solvent impacts both on, and potentially downgradient, from the site. The Work Plan proposed herein addresses the OCHCA's request for such additional investigations.

Scope of Work

VOCs, specifically TCE and PCE, have been reported in shallow soil and soil vapor (approximately 5 and 10 feet bgs) beneath the site with the highest concentrations reported near a surface drainage sump located on the southeast corner of the site. To further assess the release of VOCs in soil, soil vapor, and groundwater on and off the site, the investigations presented below and summarized in Table 1 and Figure 3 will be conducted. In summary,

Soil and Groundwater Sampling

- Collect soil and grab groundwater samples from Borings EB-1 and EB-2 on the northern boundary and presumed upgradient portion of the site.
- Collect soil and grab groundwater samples from Borings EB-3 through EB-7 and EB-9 on portions of the site not previously investigated.
- Collect groundwater samples south (estimated to be downgradient) of the site and on the mobile home trailer park by advancing Borings EB-12 through EB-14.

Soil Vapor Sampling

- Collect soil vapor samples from the existing 18 soil vapor probes (nine locations, 5 and 10 feet bgs), designated as VP-1 through VP-9, to evaluate the current site conditions following the SVE remediation.
- Collect soil vapor samples from deep vapor probes (approximately 40 feet bgs) installed at Borings EB-3, EB-4, EB-7, and EB-9 to assist in evaluating potential off-gassing from groundwater.
- Collect soil vapor samples from Borings EB-8 through EB-11 around the nearest mobile home park trailers to assess the potential for VOC vapor intrusion.

Based on ENVIRON's evaluation of the collected data, there is a possibility that installation and periodic monitoring of groundwater monitoring wells may be appropriate to better evaluate hydrogeologic conditions at and around the site. Accordingly, this Work Plan includes the procedures for installation, development, and sampling of groundwater monitoring wells, in the event that ENVIRON and the OCHCA agree that such wells will be appropriate.

Task 1: Pre-Field Activities

ENVIRON will prepare a site-specific Health and Safety Plan (HASP) to protect workers that may directly contact contaminated soil and soil vapors during planned field activities. Prior to implementation of the Work Plan, ENVIRON will obtain a permit from the OCHCA for the proposed environmental investigations. ENVIRON will notify Underground Services Alert (USA) of its intent to conduct the proposed subsurface investigation. The proposed locations of the subsurface investigation will be clearly marked with white paint, as required by USA. ENVIRON will also contract with a private utility locator to clear each proposed drilling location of subsurface obstructions. Proposed sampling locations will be moved, as necessary, to avoid utilities or other obstructions, per the recommendations of USA and/or the private utility locator.

Task 2: Field Investigation Procedures

The following section describes the field procedures to be followed for the collection of soil, soil vapor, and groundwater samples. ENVIRON will retain a C-57 licensed drilling subcontractor to advance borings to the desired depth using a direct push drill rig. Prior to drilling, each boring location

will be cleared as described above and also will be manually excavated using a hand auger to approximately 5 feet bgs to help identify potential subsurface structures (e.g. utilities, vaults, etc.).

Soil Sampling Procedures

Approximately four borings (Borings EB-1, EB-3, EB-7, and EB-14) will be continuously cored to approximately 50 feet bgs (or 5 feet beneath observed groundwater) to provide detailed site lithologic information across and downgradient of the site. For the remaining 10 borings, soil samples will be collected at 5 foot intervals from each boring until the desired depth of each boring is achieved. During drilling activities, an ENVIRON field personnel will classify the soil encountered during drilling in general accordance with the Unified Soil Classification System ("USCS") and record the depth to groundwater (if encountered). Soil samples will be monitored for the presence of VOCs using a photoionization detector ("PID") with a 10.6-electron-volt lamp calibrated against an isobutylene standard. PID readings will be recorded on the boring log. In addition, selected soil samples will be collected using EnCore® samplers for chemical analyses as detailed in Table 1 from borings at depths of approximately 5, 10, 20, 30, and 40 (if not saturated) feet bgs. Soil samples not initially selected for laboratory analysis (e.g. 15, 25, 35) will be labeled and stored in an ice-filled cooler under chain-of-custody protocol in the event additional analyses are desired.

The EnCore® samplers for VOC analysis will be labeled with a unique sample number, date, and time of sample and placed in an ice-filled cooler. The soil samples will be transferred under chain-of-custody protocol to a state of California certified stationery laboratory for analysis of VOCs using USEPA Method 5035/8260B.

In addition, a total of approximately 10 soil samples will be collected during this investigation from four selected borings (proposed Borings EB-3, EB-4, EB-6, and EB-9) located under the site building and next to the neighboring trailer units. These selected soil samples will be collected from approximately 5 and 10 feet bgs, as well as 40 feet bgs from Borings EB-3 and EB-9, for the four borings in approximately 6-inch long acetate tubes that will be capped with Teflon sheeting and a plastic cap. The soil samples designated for physical properties analyses will be labeled with a unique sample number, date, and time of sample collection and sent under chain-of-custody protocol to PTS Laboratory located in Santa Fe Springs, California for analysis for soil parameters (moisture content, bulk density, porosity, grain size distribution, plastic limits, and organic carbon content).

Groundwater Sampling Procedures

Grab groundwater samples will be collected from 11 proposed borings (Table 1). The groundwater samples will be collected upon reaching approximately 50 feet bgs (5 feet beneath the estimated depth of groundwater). The groundwater samples will be collected at each location using a direct push drill rig to install temporary PVC wells consisting of approximately one-inch diameter PVC with five foot long slotted screens.

Once the desired depth is reached, a temporary well will be constructed and water allowed to recharge into the well prior to sampling. Accumulated groundwater will be removed by gently lowering a disposable bailer into the temporary well and decanting the groundwater into 40 milliliter (ml) volatile organic analysis vials by filling them slowly as to not volatilize the sample or dilute the hydrochloric acid preservative. Groundwater samples will be labeled with a unique sample number, date, and time of sample and placed in an ice-filled cooler and sent under chain-of-custody protocol to a California State-certified laboratory for VOCs analyses by USEPA Method 8260B. Borings will be backfilled with Portland cement-bentonite grout and completed with concrete to match the existing ground surface. At least one duplicate sample will be collected for every 10 regular samples collected.

Soil Vapor Sampling Procedures

Soil vapor samples will be collected from 18 existing onsite vapor probes and from newly installed vapor probes. Deep vapor probes will be installed after reaching the desired depth of approximately 40 feet in borings EB-3, EB-4, EB-7, and EB-9 and shallow nested vapor probes (installed at 5 and 10 feet bgs) will be installed in Borings EB-8, EB-9, EB-10, and EB-11 (Table 1) using a direct push drill rig. Each vapor probe will consist of a 6-inch screen placed in a sand pack extending approximately 6-inches above and below the screen. The probes will be connected to the surface with Teflon tubing. Bentonite chips will be used to seal above each of the sand packs. A four-inch well box will be installed at the ground surface of each of the on-site borings (Borings EB-3, EB-4, EB-8, and EB-9) to allow future monitoring of the probes, if necessary. The two off-site borings with temporary soil vapor probes will be abandoned after sampling by removing the vapor probe tubing and resurfacing the ground surface.

The 12 proposed new soil vapor probes and 18 existing soil vapor probes (VP-1 through VP-9) will be sampled and analyzed in the field using a mobile laboratory. Soil vapor samples will be collected in accordance with "DTSC Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air (April 2012)". In addition to the 30 soil vapor samples, five quality control samples will be collected per DTSC Guidance. A purge study will be conducted at a representative soil vapor probe to evaluate the optimum volume of soil vapor to be purged from the sampling probe prior to sample collection. Purge volumes of one, three, and ten will be collected. The purge volume with the highest result will be used throughout the site. In addition, one duplicate sample will be collected per day of sampling (which corresponds to two duplicate samples anticipated during the field investigation). Soil vapor samples will be analyzed in the field using a mobile laboratory. The 35 soil vapor samples will be analyzed for VOCs by USEPA Method 8260B.

All drill rods, pipe, hoses, bits, and other components that fluids or cuttings contact will be decontaminated before drilling at each boring location. Potable water from a municipal supply will be used for decontamination of drilling equipment. Investigation-derived waste will be stored in Department of Transportation (DOT)-approved 55-gallon drums and staged onsite pending future disposal unless other arrangements have been made.

Task 3: Laboratory Analyses

Selected soil and groundwater samples, as discussed in Task 2, will be submitted to a California State-certified laboratory for VOC analyses by USEPA Method 8260B. Soil vapor samples will be analyzed in the field using a mobile laboratory for VOCs by USEPA Method 8260B.

Soil samples selected for physical parameter analyses will be labeled with a unique sample number, date, and time of sample collection and sent under chain-of-custody protocol to PTS Laboratory located in Santa Fe Springs, California for analysis for soil parameters (moisture content, bulk density, porosity, grain size distribution, plastic limits, and organic carbon content).

Task 4: Data Evaluation and Reporting

Following completion of the scope of work described above and receipt of the final laboratory reports of the analytical results, the data will be evaluated and will be included in a supplemental site investigation report that will be submitted for your review and comment. The supplemental site investigation report will present the current site conditions related to VOC impacts and as compared to the previous site data, and present appropriate conclusions and/or recommendations for next steps. As part of the reporting efforts, if appropriate, a revised HHRA

will also be performed to evaluate potential VOC vapor intrusion both on-site and downgradient from the site on the EBB Tide Mobile Home Park.

Based on the initial review of the data, if it is ENVIRON's professional opinion that installation and subsequent monitoring of groundwater monitoring wells are warranted to better understand hydrogeological conditions, ENVIRON will have such discussions with the OCHCA and provide supporting data to the OCHCA to proceed with this work prior to issuance of the supplemental site investigation report.

Task 5: Contingency Groundwater Monitoring Well Installation, Development, and Sampling

Groundwater monitoring wells maybe installed at the site in accordance with the methodology described below if the data generated during this investigation from the soil, soil vapor, and grab groundwater sampling supports installation of groundwater monitoring wells for quarterly monitoring of groundwater at the site.

In this instance, ENVIRON will retain a C-57 licensed drilling contractor to perform the drilling and well installation activities. During drilling, an ENVIRON field personnel will observe lithologic characteristics of soil encountered and will record lithology in general accordance with the Unified Soil Classification System (USCS) in a field log. A hollow stem auger drill rig will be used to advance the boring to a depth of approximately 55 feet bgs (approximately 10 feet beneath the identified groundwater table). Soil cores will be retrieved from the subsurface using a California modified split spoon sampler for lithologic logging purposes.

A schematic well construction diagram is illustrated in Figure 4 for the proposed groundwater monitoring wells. The depths and screened intervals for all the wells will be evaluated in the field based on stratigraphic conditions observed during drilling. Generally, screen lengths for the wells will range from 10 to 15 feet and will be based on the depth to shallow groundwater. It is anticipated that the wells will be installed approximately 10 feet below the estimated depth to groundwater. The groundwater monitoring wells will be constructed of 2-inch diameter Schedule 40 PVC, with 0.020-inch slotted screen sections (Figure 4). The surface completions for each of the groundwater monitoring wells will consist of traffic-rated, locking, flush-mounted well vaults.

Approximately 24 to 48 hours following construction, the newly installed groundwater monitoring wells will be developed using a well development rig. The groundwater monitoring wells will be developed using a combination of surging, bailing, and pumping methods. Well development equipment will be steam-cleaned before use in each monitoring well. A field geologist or technician will measure and record general water quality parameters including pH, electrical conductivity, turbidity, and temperature using a water quality meter.

Initially, each monitoring well will be surged and bailed to remove sediment that may have entered the well during construction and to promote hydraulic communication between the formation, sand pack, and well screen. After initial well development has removed most of the sediment from the well, a submersible pump and drop pipe will be lowered into the monitoring well. Pumping or bailing will continue until the general water quality parameter measurements (i.e., temperature, pH, turbidity, and electrical conductance) are relatively stable.

Well construction materials such as the PVC blank casing and well screen will be supplied and warranted as new materials, free of solvents, oils, or any foreign matter.

Other equipment used for drilling, and materials and tools used to purge or develop wells and collect groundwater samples from wells will be decontaminated prior to use at each well location using the following decontamination procedure:

1. Wash with tap water, using a brush if necessary;
2. Wash with Alconox, or a phosphate-free detergent, and tap water solution, using a brush if necessary;
3. Rinse with tap water;
4. Rinse with distilled or deionized water;
5. Air dry; and,
6. Collect and dispose of rinsate.

The locations of the new wells will be surveyed by a licensed surveyor and tied to the local coordinate system or locally available monuments so that data from the new wells can be compared with data from existing wells. Vertical elevations will reference mean sea level (MSL) to the nearest 0.01 foot. Horizontal position will be referenced to the State Plane Coordinate System to the nearest 1 foot.

Groundwater samples will be collected for laboratory analysis from the newly constructed groundwater monitoring wells. Groundwater will be sampled no sooner than 72 hours following well development to allow establishment of steady state groundwater conditions.

Prior to groundwater sample collection, each well will be gauged using a calibrated electronic water tape to record the static water level to the nearest 0.01 foot. Then the well will be sampled following the micropurge sampling method. Field parameter measurements will be obtained using a flow-through cell.

Groundwater samples will be placed in appropriate laboratory-supplied containers for shipment under routine chain–of-custody protocols to a state-certified fixed laboratory. Purging and sampling information will be recorded on the appropriate field form by the ENVIRON field personnel. Information to be recorded will include, at a minimum, well identification, date, times of purging and sampling; water level, and field measurements of water quality parameters; visual observations of water quality, volume calculations, purge rate, and total volume purged.

Groundwater samples will be analyzed for VOCs using USEPA Method 8260B. One field duplicate, one trip blank, and one equipment blank will also be collected and analyzed for VOCs by USEPA Method 8260B for quality assurance purposes. Upon completion of groundwater monitoring activities, a report will be prepared documenting such tasks and results. The report will be submitted to the OCHCA.

Schedule

Upon receipt of the approval from the OCHCA, ENVIRON will schedule the fieldwork after obtaining the necessary permits and site access. It is anticipated that the described fieldwork can be completed in accordance with the schedule presented below following approval of this work plan by the OCHCA.

Project Schedule	
Tasks	Duration
Task 1: Pre-Field Activities	3 to 4 weeks
Task 2: Field Investigation	1 week
Task 3: Laboratory Analyses	2 to 3 weeks
Task 4: Data Evaluation and Reporting	4 to 6 weeks
Task 5: Contingency Groundwater Monitoring Well Installation, Development and Sampling	*To be determined*

Closing

If you have any questions about the information discussed in this work plan, please contact the undersigned.

Sincerely,



Eddie Arslanian, PE
Principal

Jeff Raumin, PE
Senior Manager

EA:gw
q:\a\aea investments\0531819a peer review 775-777 west 16th\investigation wp\final\775-777 w 16th street costa mesa ca work plan.docx

Enclosure

cc: Dr. Donald Abrahm, AEA Investments V, LLC
Ms. Dotty Utz, AEA Investments V, LLC
Mr. Chris K Safarian, Safarian Choi & Bolstad LLP
Mr. Kamron Saremi, California Regional Water Quality Control Board - Santa Ana Region

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TTI. 2012. Semi-Annual Second Quarter 2012 Groundwater Monitoring Data Report Former J. C. Carter Company Facility, 671 West 17th Street, Costa Mesa, California 92627. July 30.

Table

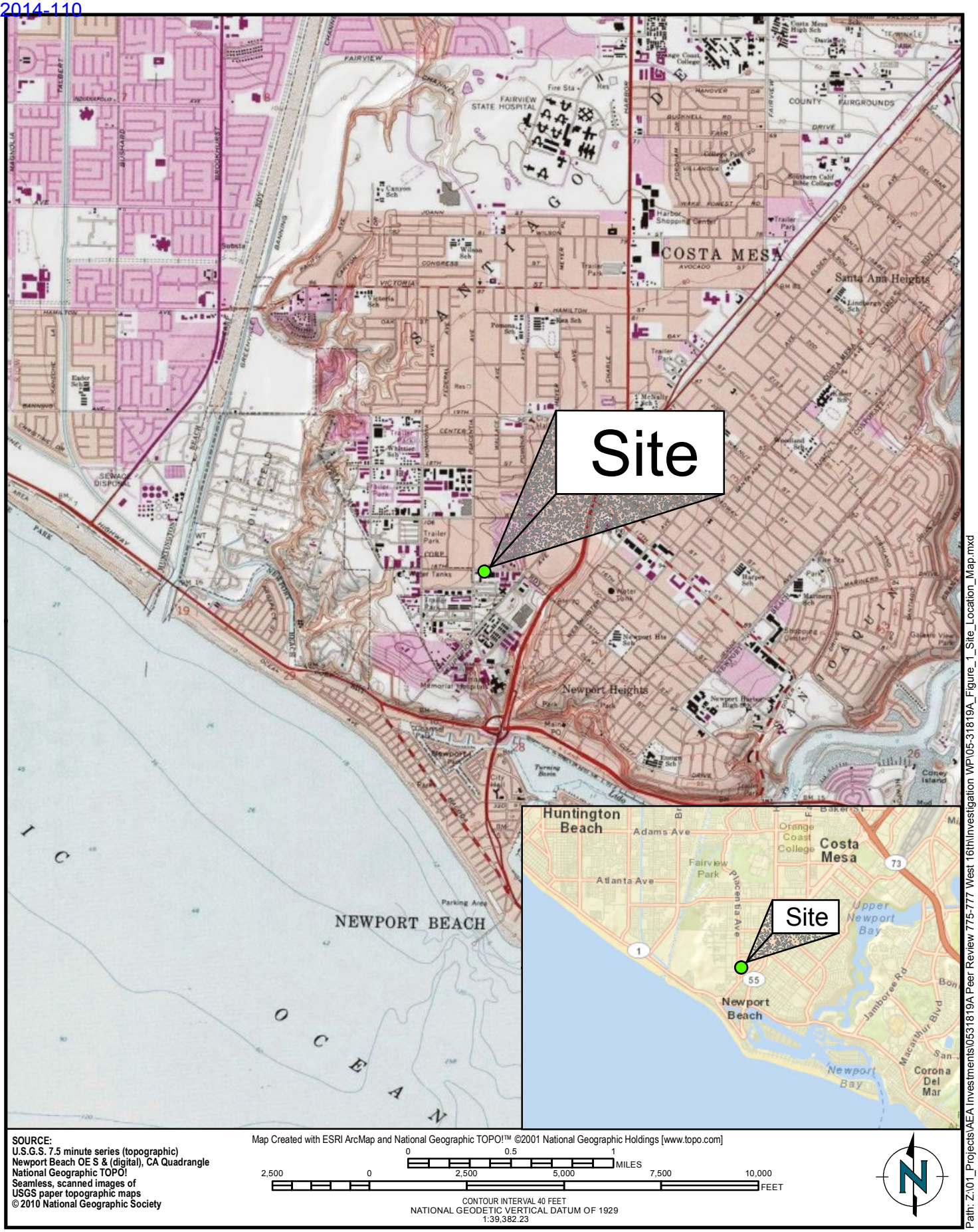
Table 1. Proposed Sample Type and Location
775, 777 W. 16th Street
Costa Mesa, California

Location	Estimated Maximum Depth (feet bgs)	Soil Sample Collection			Groundwater Sample Collection (USEPA Method 8260B) (depth in feet bgs)	Soil Vapor Sample Collection for VOC Analyses (USEPA Method 8260B or equivalent) (depth in feet bgs)	Purpose
		Lithologic and Field Screening (depth in feet bgs)	VOC Analyses (USEPA Method 5035/8260B) (depth in feet bgs)	Soil Physical Parmeters Analysis (moisture, TOC, grain size, etc) (depth in feet bgs)			
Existing Vapor Probes							
VP-1	--	--	--	--	--	4/10	Located in the southeast corner near the sump.
VP-2	--	--	--	--	--	4/10	Located south of the site building.
VP-3	--	--	--	--	--	4/10	Located south of the site building.
VP-4	--	--	--	--	--	4/10	Located west of the site building.
VP-5	--	--	--	--	--	4/10	Located west of the site building.
VP-6	--	--	--	--	--	4/10	Located within site building.
VP-7	--	--	--	--	--	4/10	Located within site building.
VP-8	--	--	--	--	--	4/10	Located within site building.
VP-9	--	--	--	--	--	4/10	Located within site building.
New Soil Borings							
EB-1	50	Continuous coring	5/10/20/30/40	--	45	--	Upgradient groundwater and soil data
EB-2	50	5 foot intervals	5/10/20/30/40	--	45	--	Upgradient groundwater and soil data
EB-3	50	Continuous coring	5/10/20/30/40	5/10/40	45	40	Evaluate current concentrations in area of B-4, evaluate SVE remediation effects, evaluate deep soil impacts, evaluate groundwater near the center of the site.
EB-4	50	5 foot intervals	5/10/20/30/40	5/10	45	40	Evaluate current concentrations in area of B-1, evaluate SVE remediation effects, evaluate deep soil impacts, evaluate groundwater near the eastern portion of the site.
EB-5	50	5 foot intervals	5/10/20/30/40	--	45	--	Evaluate soil, soil gas, and groundwater near the western portion of the site.
EB-6	50	5 foot intervals	5/10/20/30/40	5/10	45	--	Evaluate SVE remediation effects, evaluate deep soil impacts, evaluate groundwater near the eastern portion of the site.
EB-7	50	Continuous coring	5/10/20/30/40	--	45	40	Potential source area (sump), evaluate SVE remediation effects, deeper soil/soil gas evaluation, confirm previous groundwater data.
EB-8	10	5 foot intervals	--	--	--	5/10	Nearby adjacent trailers evaluate potential VOC vapor intrusion at trailers.
EB-9	50	5 foot intervals	5/10/20/30/40	5/10/40	45	5/10/40	Nearby adjacent trailers, soil/soil gas/ groundwater, evaluate potential VOC vapor intrusion at trailers.
EB-10	10	5 foot intervals	--	--	--	5/10	Nearby adjacent trailers evaluate potential VOC vapor intrusion at trailers.
EB-11	10	5 foot intervals	--	--	--	5/10	Nearby adjacent trailers evaluate potential VOC vapor intrusion at trailers.
EB-12	50	5 foot intervals	--	--	45	--	Down gradient (southern to southwesterly flow) groundwater sample.
EB-13	50	5 foot intervals	--	--	45	--	Down gradient (southerly flow) groundwater sample.
EB-14	50	Continuous coring	--	--	45	--	Down gradient (southeasterly flow) groundwater sample.
Total Estimated Samples			**40**	**10**	**11**	**30**	

Notes:
bgs - below ground surface
US EPA - United States Environmental Protection Agency
VOC - volatile organic compound
TOC- total organic compounds
TCE - trichloroethene
SVE - soil vapor extraction
-- No Sample Collected

Figures

PA2014-110



SOURCE:
U.S.G.S. 7.5 minute series (topographic)
Newport Beach OE S & (digital), CA Quadrangle
National Geographic TOPO!
Seamless, scanned images of
USGS paper topographic maps
© 2010 National Geographic Society

Map Created with ESRI ArcMap and National Geographic TOPO!™ ©2001 National Geographic Holdings [www.topo.com]

0 0.5 1 MILES

2,500 0 2,500 5,000 7,500 10,000 FEET

CONTOUR INTERVAL 40 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
1:39,382.23

Path: Z:\01_Projects\AEA Investments\0531819A Peer Review 775-777 West 16th\Investigation WP\05-31819A_Figure_1_Site_Location_Map.mxd

ENVIRON

Site Location Map

775-777 West 16th Street
Costa Mesa, California 92627

Figure
1

DRAFTED BY: SShin | Date: 6/3/2013 | PROJECT: 05-31819A



Path: Z:\01_Projects\AEA Investments\05\31819A Peer Review 775-777 West 16th\Investigation WP\05-31819A_Figure_2_Site_Vicinity_Map.mxd

ENVIRON

Site Vicinity Map

775-777 West 16th Street
Costa Mesa, California 92627

Figure
2

DRAFTED BY: SShin | Date: 6/3/2013 | PROJECT: 05-31819A

PA2014-110



ENVIRON

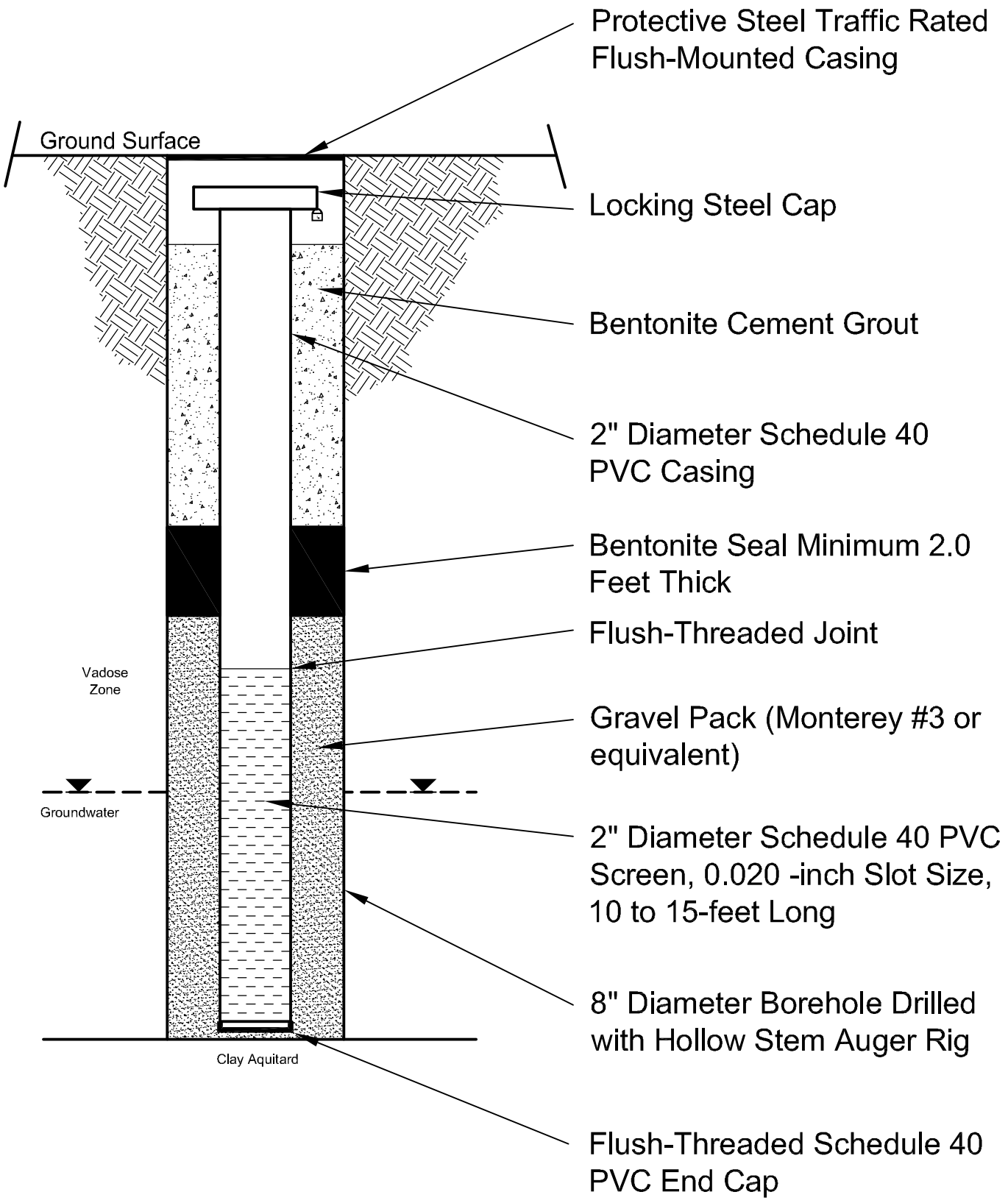
Historical and Proposed Sampling Locations

775-777 West 16th Street
Costa Mesa, California 92627

Figure
3

DRAFTED BY: SShin | Date: 6/14/2013 | PROJECT: 05-31819A

Path: Z:\01_Projects\AEA Investments\05531819A Peer Review 775-777 West 16thInvestigation WP\05-31819A_Figure_3_Historical_and_Proposed_Sampling_Locations_11x17.mxd



ENVIRON

Typical Groundwater Monitoring Well Construction

775-777 West 16th Street
Costa Mesa, California 92627

Figure 4

DRAFTED BY: SSHIN | DATE: 6/11/2013 | PROJECT: 05-31819A

Z:\01_PROJECTS\AEA INVESTMENTS\05318 19A PEER REVIEW 775-777 WEST 16TH\INVESTIGATION\WP\05-31819A_FIGURE_4_GW MW CONSTRUCTION.DWG

PA2014-110

COUNTY OF ORANGE
HEALTH CARE AGENCY

PUBLIC HEALTH SERVICES
ENVIRONMENTAL HEALTH

MARK REFOWITZ
DIRECTOR

DAVID M. SOULELES, MPH
DEPUTY AGENCY DIRECTOR

RICHARD SANCHEZ, REHS, MPH
DIRECTOR
ENVIRONMENTAL HEALTH

MAILING ADDRESS:
1241 E. DYER RD., #120
SANTA ANA, CA 92705-5611

TELEPHONE: (714) 433-6000
FAX: (714) 754-1732
E-MAIL: ehealth@ochca.com

Excellence
Integrity
Service

June 19, 2013

Donald R. Abrahm
AEA Investment V LLC
1525 Superior Avenue, Suite 104
Newport Beach, CA 92663

Subject: **Supplemental Site Investigation Work Plan**

Re: AEA Investment V LLC Property
775-777 West 16th Street
Costa Mesa, CA 92627
OCHC Case #09IC006

Dear Dr. Abrahm:

Orange County Health Care Agency (OCHCA) Environmental Health has reviewed the subject work plan (dated June 17, 2013) submitted by Environ proposing to collect additional subsurface (soil, soil gas and groundwater) data to evaluate current environmental conditions at and downgradient from the site and to recommend appropriate subsequent steps as needed.

OCHCA finds the proposed scope of work to be acceptable for implementation.

If you have questions regarding this matter, please feel to get in touch with the undersigned at (714) 433-6253 or LLodrigueza@ochca.com.

Sincerely,

Luis Lodrigueza
Hazardous Waste Specialist
Hazardous Materials Mitigation Section
Environmental Health

cc: Kamron Saremi, Santa Ana Regional Water Quality Control Board (electronic copy)
Eddie Arslanian, Environ International Corporation (electronic copy)

PA2014-110

MILLHOUSE LAW GROUP

ATTORNEYS AT LAW

2945 TOWNSGATE ROAD SUITE 200

WESTLAKE VILLAGE, CALIFORNIA 91361

(805) 719-2793
FAX (805) 230-2281

July 1, 2013

Sean M. Sherlock
Snell & Wilmer L.L.P.
600 Anton Boulevard, Suite 1400
Costa Mesa, California 92626

Re: Addendum to May 30, 2012 License for Temporary Right of Entry

Dear Sean:

As you know, AEA Investments V, LLC has prepared a Supplemental Site Investigation Work Plan ("Work Plan") to characterize the nature and extent of possible contamination at, and in the vicinity of, 775-777 West 16th Street, including on the property of your client, EBB Tide Mobile Home Park. This Work Plan has been reviewed and approved by the Orange County Health Care Agency ("OCHCA"). In light of our mutual desire to expedite this work, and recognizing that our clients negotiated an access agreement to permit similar work approximately one year ago, we propose the following addendum to the May 30, 2012 License for Temporary Right of Entry (the "License") to facilitate the field work.

Addendum

Owner shall grant ENVIRON International Corporation ("ENVIRON") a temporary right of entry, and allow ENVIRON, its employees, agents, invitees and contractors to enter upon the Property, as is reasonably required and consistent with the License, at times satisfactory to Owner, for the performance of, and for the sole purpose of, conducting the activities described in ENVIRON's June 17, 2013 Work Plan (approved by OCHCA on June 19, 2013). ENVIRON understands and agrees that this grant of access is subject to all the terms and conditions applicable to EAI, as set forth in the License. AEA agrees to be bound by the terms of the License in connection with the work to be conducted under the Work Plan and this Addendum.

Owner shall have the right to terminate the right of entry granted by this Addendum at any time upon ten (10) days prior written notice. This Addendum shall be deemed to have been drafted jointly by the parties. Any uncertainty or ambiguity shall not be

construed for or against either party. This Addendum may be executed in counterparts, each of which shall be deemed an original, but all of which taken together shall constitute one and the same instrument. Facsimile and/or email (PDF) execution pages shall be an accepted method of signing and delivering this Addendum.

If the above is acceptable, we are prepared to execute this Addendum and move forward on the Work Plan in the next couple weeks. If you have any concerns or comments, please contact me and we can work to resolve them. We look forward to hearing from you soon.

Sincerely,

Ernest J. Hahn

* * * * *

THE SIGNATORIES BELOW REPRESENT THAT THEY HAVE REVIEWED THE MAY 30, 2012 LICENSE FOR TEMPRARY RIGHT OF ENTRY AND THE ADDENDUM SET FORTH ABOVE, AND AGREE TO THE TERMS AND CONDITIONS SET FORTH THEREIN. ALL SIGNATORIES FURTHER REPRESENT AND WARRANT THAT THEY ARE AUTHORIZED TO EXECUTE THIS AGREEMENT ON BEHALF OF THEIR RESPECTIVE ENTITIES.

TOTAH FAMILY PARTNERSHIP
A California limited partnership

By:_____
Nancy LaBarbera
Managing Member

AEA INVESTMENTS V, LLC

By:_____
Donald R. Abrahm
Managing Member

ENVIRON INTERNATIONAL CORPORATION

By:_____
Eddie Arslanian, PE
Principal

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TOTAH FAMILY PARTNERSHIP
A California limited partnership

By:_____
Nancy LaBarbera
Managing Member

AEA INVESTMENTS V, LLC

By:_____
Donald R. Abrahm
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ENVIRON INTERNATIONAL CORPORATION

By:_____
Eddie Arslanian, PE
Principal

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Ernest J. Hahn

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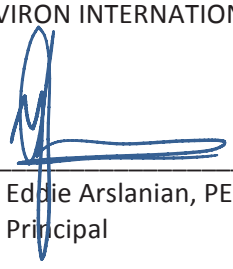
TOTAH FAMILY PARTNERSHIP
A California limited partnership

By:_____
Nancy LaBarbera
Managing Member

AEA INVESTMENTS V, LLC

By:_____
Donald R. Abrahm
Managing Member

ENVIRON INTERNATIONAL CORPORATION



By:_____
Eddie Arslanian, PE
Principal

PA2014-110

TRANSMITTAL

Date: September 30, 2013

To: Luis Lodrigueza

From: Eddie Arslanian

Subject: Data Package
775-777 West 16th Street
Costa Mesa, California Site

☐	For your files.	☐	Please telephone me.
☒	For your information.	☐	Please advise me how to reply.
☐	In accordance with your request.	☐	Please handle.
☐	Please comment.	☐	OTHER: _____
☐	Please sign and return.		

Mr. Lodrigueza:

Please find attached the data package summarizing the field investigation results from the July 2013 site investigation conducted at 775-777 West 16th Street, Costa Mesa, California. The following are enclosed:

Figures:

Figure 1 – Site Location Map
Figure 2 – Soil Gas Sampling Results
Figure 3 – Soil Sampling Results
Figure 4 – Groundwater Sampling Results

Tables:

Table 1 – Summary of Soil Gas Analytical Results – Volatile Organic Compounds
Table 2 – Summary of Soil Analytical Results – Volatile Organic Compounds
Table 3 – Summary of Groundwater Analytical Results – Volatile Organic Compounds
Table 4 – Summary of Physical Properties Data Results

Analytical Laboratory Data Packages:

H&P Geochemistry Inc. – Soil Gas Results
Test America – Soil and Groundwater Analytical Results
PTS – Physical Properties Test Results

Soil Boring Logs

Enclosures

JR:gw
q:\a\aea investments\0531819a peer review 775-777 west 16th\data package (9-27-13)\data package transmittal.docx

ENVIRON International Corp. 707 Wilshire Avenue, Suite 4950, Los Angeles, CA 90017
V +1 213.943.6300 F +1 213.943.6301

environcorp.com

Tables

Table 1. Summary of Soil Gas Analytical Results
Volatile Organic Compounds
775 - 777 West 16th Street
Costa Mesa, California

Boring	Sample Date	Depth (in feet bgs)	Tetrachloroethene	Trichloroethene	Benzene	Naphthalene	m,p-xylene	Chloroform	1,1 -Dichloroethene	Cis-1,2-Dichloroethene	Vinyl Chloride
VP-1	07/18/13	4	**990**	**220**	<0.1	<0.1	<0.5	<0.1	**0.64**	**51**	<0.05
	07/18/13	10	**670**	**150**	**0.51**	<0.4	<2	<0.4	<2	**45**	<0.2
VP-2	07/18/13	4	**0.97**	**2**	<0.1	<0.1	<0.5	<0.1	<0.5	<0.5	<0.05
	07/18/13	10	**48**	**140**	<0.1	<0.1	<0.5	**0.32**	<0.5	**5.6**	<0.05
VP-3	07/17/13	4	**4.3**	**1.9**	<0.1	<0.1	*<0.5*	<0.1	<0.5	<0.5	<0.05
	07/17/13	10	**5.2**	**13**	<0.1	<0.1	*<0.5*	<0.1	<0.5	<0.5	<0.05
VP-4	07/17/13	4	**4.9**	**32**	<0.1	<0.1	*<0.5*	<0.1	<0.5	<0.5	<0.05
	07/17/13	10	**5.8**	**39**	<0.1	<0.1	*<0.5*	**0.14**	<0.5	<0.5	<0.05
	07/17/13	*10*	**5.2**	**34**	*<0.1*	*<0.1*	*<0.5*	**0.12**	*<0.5*	*<0.5*	*<0.05*
VP-5	07/17/13	4	**4.1**	**16**	<0.1	<0.1	*<0.5*	<0.1	<0.5	<0.5	<0.05
	07/17/13	10	**1.5**	**8.5**	<0.1	<0.1	*<0.5*	<0.1	<0.5	<0.5	<0.05
VP-6	07/18/13	4	**1.7**	**10**	<0.1	<0.1	*<0.5*	<0.1	<0.5	<0.5	<0.05
	07/18/13	*4*	**1.7**	**10**	*<0.1*	*<0.1*	*<0.5*	*<0.1*	*<0.5*	*<0.5*	*<0.05*
	07/18/13	10	**2.1**	**13**	<0.1	<0.1	*<0.5*	<0.1	<0.5	<0.5	<0.05
VP-7	07/18/13	4	**4.3**	**22**	<0.1	<0.1	*<0.5*	<0.1	<0.5	<0.5	<0.05
	07/18/13	10	**6.2**	**36**	<0.1	<0.1	*<0.5*	<0.1	<0.5	<0.5	<0.05
VP-8	07/18/13	4	**1**	**5.6**	<0.1	<0.1	*<0.5*	<0.1	<0.5	<0.5	<0.05
	07/18/13	10	**1.3**	**8.6**	<0.1	<0.1	*<0.5*	<0.1	<0.5	<0.5	<0.05
VP-9	07/18/13	4	**7.8**	**37**	**0.12**	**0.12**	*<0.5*	<0.1	<0.5	<0.5	<0.05
	07/18/13	*4*	**10**	**46**	**0.12**	**0.1**	*<0.5*	*<0.1*	*<0.5*	*<0.5*	*<0.05*
	07/18/13	10	**1.1**	**6**	<0.1	<0.1	*<0.5*	<0.1	<0.5	<0.5	<0.05
SV-3	07/18/13	40	**10**	**69**	<0.1	<0.1	*<0.5*	**0.22**	<0.5	<0.5	<0.05
SV-4	07/18/13	40	**20**	**150**	<0.1	<0.1	*<0.5*	**0.36**	<0.5	<0.5	<0.05
SV-7	07/18/13	40	**72**	**200**	<4	<4	*<20*	<4	<20	<20	<2
SV-8	07/18/13	6	<0.02	**0.04**	<0.02	**0.02**	<0.1	<0.02	<0.1	<0.1	<0.01
	07/18/13	10	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	<0.1	<0.1	<0.01
SV-9	07/17/13	5 (1PV)	**0.09**	**0.28**	**0.03**	**0.02**	**0.11**	<0.02	<0.1	<0.1	<0.01
	07/17/13	5 (3PV)	**0.03**	**0.08**	<0.02	<0.02	<0.1	<0.02	<0.1	<0.1	<0.01
	07/17/13	5 (10PV)	**0.05**	**0.12**	**0.02**	<0.02	<0.1	<0.02	<0.1	<0.1	<0.01
	07/17/13	10	**0.12**	**0.52**	**0.03**	<0.02	<0.1	<0.02	<0.1	<0.1	<0.01
	07/17/13	*10*	**0.1**	**0.45**	**0.03**	*<0.02*	*<0.1*	*<0.02*	*<0.1*	*<0.1*	*<0.01*
	07/17/13	38	**43**	**180**	**0.02**	<0.02	<0.1	**0.18**	<0.1	**0.61**	<0.01

Table 1. Summary of Soil Gas Analytical Results
Volatile Organic Compounds
775 - 777 West 16th Street
Costa Mesa, California

Boring	Sample Date	Depth (in feet bgs)	Tetrachloroethene	Trichloroethene	Benzene	Naphthalene	m,p-xylene	Chloroform	1,1 -Dichloroethene	Cis-1,2-Dichloroethene	Vinyl Chloride
SV-10	07/18/13	5	**0.07**	<0.02	**0.03**	**0.02**	<0.1	<0.02	<0.1	<0.1	<0.01
	07/18/13	10	**0.03**	<0.02	**0.03**	**0.02**	<0.1	<0.02	<0.1	<0.1	<0.01
SV-11	07/18/13	6	**0.08**	<0.02	**0.07**	<0.02	<0.1	<0.02	**0.11**	<0.01	**0.01**
	07/18/13	10	**1.1**	**0.99**	**0.04**	**0.03**	<0.1	<0.02	<0.1	<0.1	<0.01
	07/18/13	*10*	**0.79**	**0.81**	**0.04**	**0.02**	*<0.1*	*<0.02*	*<0.1*	*<0.1*	*<0.01*

Notes
Concentrations are reported in micrograms per liter (µg/l)
<X: Not found above laboratory reporting limit
Samples were analyzed for volatile organic compounds (VOCs) by modified USEPA Method 8260B
USEPA - United States Environmental Protection Agency
Duplicate results are denoted by italics
Approximate depths are reported in feet below ground surface (bgs)
PV - Purge Volume

Table 2. Summary of Soil Analytical Results
Volatile Organic Compounds
775 - 777 West 16th Street
Costa Mesa, California

Boring	Sample Date	Depth (in feet bgs)	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride
EB-1-5	07/15/13	5	<1.8	<1.8	<1.8	<1.8	<4.5
EB-1-10	07/15/13	10	<1.8	<1.8	<1.8	<1.8	<4.8
EB-1-20	07/15/13	20	<2.1	<2.1	<2.1	<2.1	<5.2
EB-1-30	07/15/13	30	<1.8	<1.8	<1.8	<1.8	<4.4
EB-1-40	07/15/13	40	<2.1	<2.1	<2.1	<2.1	<5.2
EB-2-5	07/15/13	5	<1.9	<1.9	<1.9	<1.9	<4.7
EB-2-10	07/15/13	10	<2.1	<2.1	<2.1	<2.1	<5.3
EB-2-20	07/15/13	20	<1.8	<1.8	<1.8	<1.8	<4.6
EB-2-30	07/15/13	30	<2	<2	<2	<2	<5.1
EB-2-40	07/15/13	40	<2.2	<2.2	<2.2	<2.2	<5.6
EB-3-5	07/15/13	5	<1.8	<1.8	<1.8	<1.8	<4.6
EB-3-10	07/15/13	10	<1.9	**4**	<1.9	<1.9	<4.6
EB-3-20	07/15/13	20	<1.9	**5.2**	<1.9	<1.9	<4.6
EB-3-30	07/15/13	30	<1.9	<1.9	<1.9	<1.9	<4.7
EB-3-40	07/15/13	40	<2.4	<2.4	<2.4	<2.4	<5.9
EB-4-5	07/15/13	5	<1.9	**4.2**	<1.9	<1.9	<4.8
EB-4-10	07/15/13	10	<2.2	<2.2	<2.2	<2.2	<5.4
EB-4-20	07/15/13	20	<2.2	<2.2	<2.2	<2.2	<5.4
EB-4-30	07/15/13	30	<2.3	<2.3	<2.3	<2.3	<5.7
EB-4-40	07/15/13	40	<2.3	<2.3	<2.3	<2.3	<5.9
EB-5-5	07/16/13	5	<1.7	<1.7	<1.7	<1.7	<4.1
EB-5-10	07/16/13	10	<1.8	**15**	<1.8	<1.8	<4.5
EB-5-20	07/16/13	20	<1.6	**16**	<1.6	<1.6	<4
EB-5-30	07/16/13	30	<1.8	<1.8	<1.8	<1.8	<4.4
EB-5-40	07/16/13	40	<2.2	<2.2	<2.2	<2.2	<5.5
EB-6-5	07/15/13	5	<1.9	**9**	<1.9	<1.9	<4.8
EB-6-10	07/15/13	10	**9**	**61**	<1.9	<1.9	<4.9
EB-6-20	07/15/13	20	**5.6**	**58**	<1.7	<1.7	<4.3
EB-6-30	07/15/13	30	<1.9	**6.6**	<1.9	<1.9	<4.7
EB-6-40	07/15/13	40	<2	<2	<2	<2	<5
EB-7-5	07/16/13	5	**62,000**	**5,300**	<810	<810	<2000
EB-7-10	07/16/13	10	**45,000**	**2,800**	<450	<450	<1100

Table 2. Summary of Soil Analytical Results
Volatile Organic Compounds
775 - 777 West 16th Street
Costa Mesa, California

Boring	Sample Date	Depth (in feet bgs)	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride
EB-7-20	07/16/13	20	**1,600**	<89	<89	<89	<220
EB-7-30	07/16/13	30	**47**	**80**	<1.7	<1.7	<4.2
EB-7-40	07/16/13	40	<2	<2	<2	<2	<5
EB-9-5	07/15/13	5	<1.7	<1.7	<1.7	<1.7	<4.3
EB-9-10	07/15/13	10	<1.6	<1.6	<1.6	<1.6	<4.1
EB-9-20	07/15/13	20	**6.6**	**42**	<1.8	<1.8	<4.4
EB-9-30	07/15/13	30	<1.8	**3.8**	<1.8	<1.8	<4.5
EB-9-40	07/15/13	40	<2.2	<2.2	<2.2	<2.2	<5.6

Notes

Concentrations are reported in micrograms per kilogram (µg/kg)

<X: Not found above laboratory reporting limit

Samples were analyzed for volatile organic compounds (VOCs) by USEPA Method 8260B

USEPA - United States Environmental Protection Agency

Approximate depths are reported in feet below ground surface (bgs)

Table 3. Summary of Groundwater Analytical Results
Volatile Organic Compounds
775 - 777 West 16th Street
Costa Mesa, California

Boring	Sample Date	Depth (in feet bgs)	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Ethylbenzene	m,p-Xylenes	o-Xylene	Vinyl Chloride
EB-1-HP-46.5	07/15/13	46.5	**3.3**	**13**	<1	<1	<1	<1	<1	<1
EB-2-HP-45.3	07/15/13	45.3	**5.4**	**72**	<2	<2	<2	<2	<2	<2
EB-3-HP-43.6	07/15/13	*43.6*	**9.8**	**90**	*<1*	*<1*	<1	<1	<1	*<1*
EB-4-HP-44.8	07/17/13	44.8	**15**	**230**	<5	<5	<5	<5	<5	<2.5
EB-5-HP-45.5	07/16/13	45.5	**8.3**	**67**	<1	<1	<1	<1	<1	<1
EB-6-HP-44.2	07/17/13	44.2	**25**	**300**	<5	<5	<5	<5	<5	<5
EB-7-HP-45.1	07/16/13	45.1	**280**	**810**	<10	<10	<10	<10	<10	<10
EB-9-HP-43.2	07/16/13	43.2	**76**	**510**	**5.4**	<4	<4	<4	<4	<4
EB-12-HP-43.5	07/18/13	43.5	**9**	**52**	**1.5**	<1	<1	<1	<1	<1
EB-13-HP-43.5	07/18/13	43.5	**140**	**580**	<10	<10	<10	<10	<10	<10
EB-13-HP-43.5	*07/18/13*	*43.5*	**130**	**560**	*<10*	*<10*	*<10*	*<10*	*<10*	*<10*
EB-14-HP-44.8	07/18/13	44.8	**100**	**330**	<5	<5	<5	<5	<5	<5

Notes
Concentrations are reported in micrograms per liter (µg/l)
<X: Not found above laboratory reporting limit
Duplicate results are denoted by italics
Samples were analyzed for volatile organic compounds (VOCs) by USEPA Method 8260B
USEPA - United States Environmental Protection Agency
Approximate depths are reported in feet below ground surface (bgs)

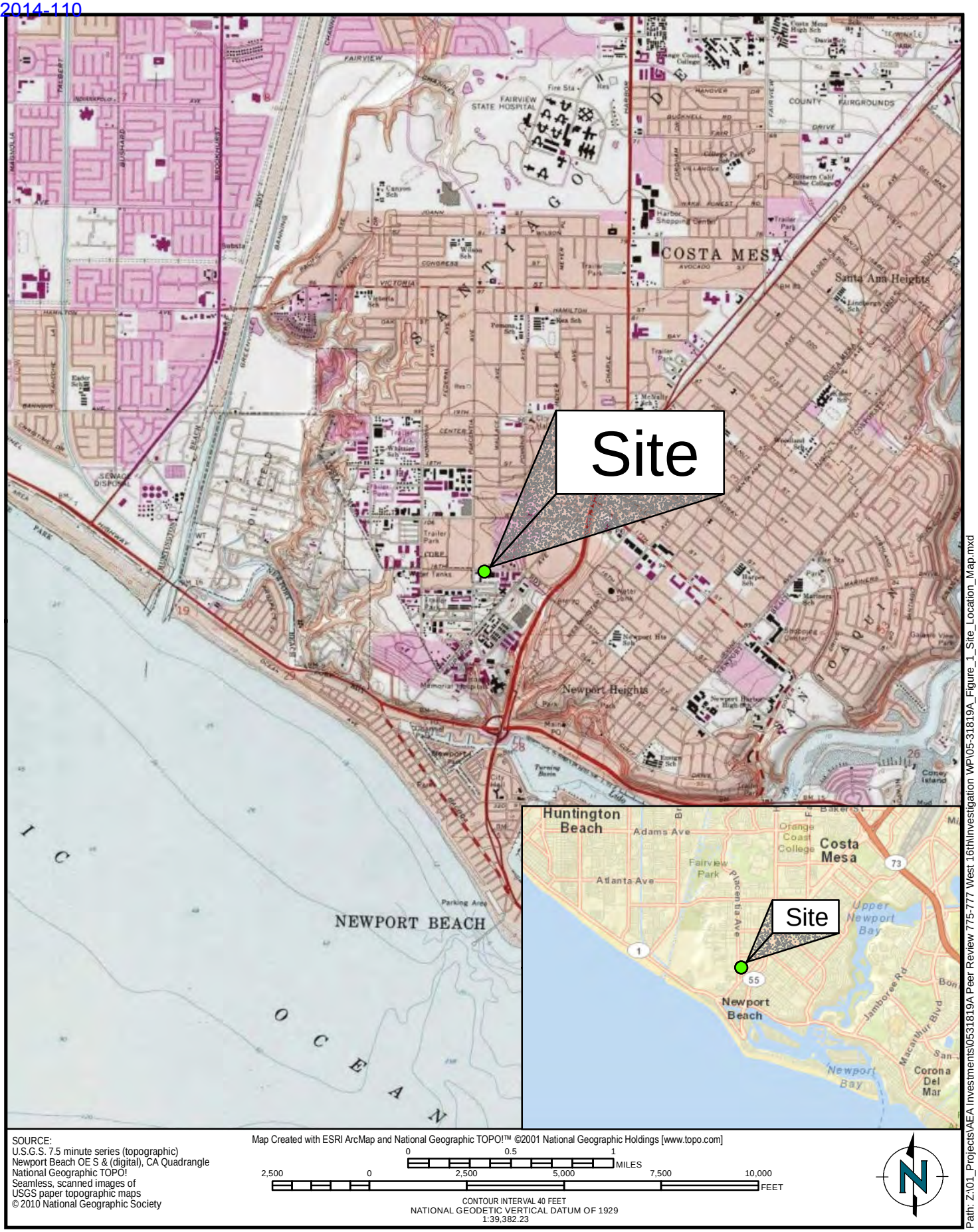
Table 4. Summary of Physical Properties Data Results
775 - 777 West 16th Street
Costa Mesa, California

Sample ID	Analysis Date	Methods:	API RP 40/ ASTM D2216	API RP 40	API RP 40			Total Organic Carbon (mg/kg)	Fractional Organic Carbon (g/g)
		Depth (in feet bgs)	Moisture Content (% weight)	Dry Bulk Density (g/cc)	Porosity (%Vb)				
					Total	Air-Filled	Water-Filled		
EB-4-5	08/02/13	4.7	14.5	1.67	36.2	12	66.9	440	4.40E-04
EB-4-10	08/02/13	9.8	8.5	1.34	48.6	37.2	23.5	170	1.70E-04
EB-6-5	08/02/13	4.8	11.5	1.85	30.6	9.3	69.7	250	2.50E-04
EB-6-10	08/02/13	10	19.2	1.55	42	12.3	70.6	300	3.00E-04
EB-9-5	08/02/13	4.1	16.7	1.68	36.9	8.7	76.2	1700	1.70E-03
EB-9-10	08/02/13	9.4	16.6	1.64	38.5	11.2	70.8	180	1.80E-04
EB-9-40	08/02/13	39.9	4.1	1.47	44.1	38.2	13.5	<100	<1.00E-04
EB-3-10	08/02/13	10.3	38	1.16	56.8	12.7	77.5	170	1.70E-04
EB-3-40	08/02/13	39.8	8.4	1.29	50.9	40.1	21.3	140	1.40E-04
EB-3-5	08/02/13	4.8	20	1.58	40.9	9.3	77.2	600	6.00E-04

Notes:
bgs - below ground surface
g/cc - grams per cubic centimeter
%Vb - percent bulk volume
mg/kg - milligrams per kilogram
g/g - gram of organic carbon per gram of soil

Figures

PA2014-110



SOURCE:
U.S.G.S. 7.5 minute series (topographic)
Newport Beach OE S & (digital), CA Quadrangle
National Geographic TOPO!
Seamless, scanned images of
USGS paper topographic maps
© 2010 National Geographic Society

Map Created with ESRI ArcMap and National Geographic TOPO!™ ©2001 National Geographic Holdings [www.topo.com]

0 0.5 1 MILES

2,500 0 2,500 5,000 7,500 10,000 FEET

CONTOUR INTERVAL 40 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
1:39,382.23

Path: Z:\01_Projects\AEA Investments\0531819A Peer Review 775-777 West 16th\Investigation WP\05-31819A_Figure_1_Site_Location_Map.mxd

ENVIRON

Site Location Map

775-777 West 16th Street
Costa Mesa, California 92627

Figure
1

DRAFTED BY: SShin | Date: 6/3/2013 | PROJECT: 05-31819A

PA2014-110

VP-6			
Depth	PCE	TCE	cis-1,2-DCE
4	**1.7**	**10**	<0.5
4	***1.7***	***10***	*<0.5*
10	**2.1**	**13**	<0.5

VP-5			
Depth	PCE	TCE	cis-1,2-DCE
4	**4.1**	**16**	<0.5
10	**1.5**	**8.5**	<0.5

SV-3			
Depth	PCE	TCE	cis-1,2-DCE
40	**10**	**69**	<0.5

VP-7			
Depth	PCE	TCE	cis-1,2-DCE
4	**4.3**	**22**	<0.5
10	**6.2**	**36**	<0.5

VP-4			
Depth	PCE	TCE	cis-1,2-DCE
4	**4.9**	**32**	<0.5
10	**5.8**	**39**	<0.5
10	***5.2***	***34***	*<0.5*

VP-3			
Depth	PCE	TCE	cis-1,2-DCE
4	**4.3**	**1.9**	<0.5
10	**5.2**	**13**	<0.5

SV-8			
Depth	PCE	TCE	cis-1,2-DCE
6	<0.02	**0.04**	<0.1
10	<0.02	<0.02	<0.1

SV-9			
Depth	PCE	TCE	cis-1,2-DCE
5 (1PV)	**0.09**	**0.28**	<0.1
5 (3PV)	**0.03**	**0.08**	<0.1
5 (10PV)	**0.05**	**0.12**	<0.1
10	**0.12**	**0.52**	<0.1
10	**0.1**	**0.45**	<0.1
38	**43**	**180**	**0.61**

SV-10			
Depth	PCE	TCE	cis-1,2-DCE
5	**0.07**	<0.02	<0.1
10	**0.03**	<0.02	<0.1

SV-11			
Depth	PCE	TCE	cis-1,2-DCE
6	**0.08**	<0.02	<0.01
10	**1.1**	**0.99**	<0.1
10	***0.79***	***0.81***	*<0.1*

VP-8			
Depth	PCE	TCE	cis-1,2-DCE
4	**1**	**5.6**	<0.5
10	**1.3**	**8.6**	<0.5

SV-4			
Depth	PCE	TCE	cis-1,2-DCE
40	**20**	**150**	<0.5

VP-9			
Depth	PCE	TCE	cis-1,2-DCE
4	**7.8**	**37**	<0.5
4	***10***	***46***	*<0.5*
10	**1.1**	**6**	<0.5

VP-2			
Depth	PCE	TCE	cis-1,2-DCE
4	**0.97**	**2**	<0.5
10	**48**	**140**	**5.6**

SV-7			
Depth	PCE	TCE	cis-1,2-DCE
40	**72**	**200**	<20

VP-1			
Depth	PCE	TCE	cis-1,2-DCE
4	**990**	**220**	**51**
10	**670**	**150**	**45**

West 16th Street
765
Site
EB-1
EB-2
777
775
VP-5
B5
VP-6
VE-4
VP-8
EB-3
B4
V2
V1/VE-2
EB-4
B1
V3/VE-1
VE-6
DRIVEWAY
VP-4
VP-7
B10
VP-9
VE-3
EB-6
B6
EB-5
B3
B2
VP-3
VP-2
B7
STORAGE AND PARKING
B11
CONCRETE SUMP
B9
B8
VE-5
EB-9
EB-8
EB-7
B12
VP-1
Trailer Park
EB-10
EB-11
EB-12
EB-13
EB-14
N
0
40
Feet

Legend

- Site Boundary
- Trailer Park Boundary
- EB-14 Soil Boring Location (ENVIRON)
- V2 Historical Tetra Tech Sub-Slab Vapor Location
- B1 Historical Tetra Tech Soil Gas and Soil Sampling Location
- B7 Historical Tetra Tech Soil Gas Sampling Location
- B6 Historical Tetra Tech Soil Sampling Location
- VE-3 Existing Vapor Extraction Well (Environmental Audit, Inc.)
- VP-1 Existing Nested Vapor Probe (Environmental Audit, Inc.)

Notes:
1. Source: Environmental Audit, Inc.
2. Concentrations are reported in micrograms per liter (µg/L).
3. PCE - Tetrachloroethene
4. TCE - Trichloroethene
5. cis-1,2-DCE - cis-1,2-Dichloroethene
6. Only PCE, TCE, and cis-1,2-DCE results are posted.

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ENVIRON

Soil Gas Sampling Results

775-777 West 16th Street
Costa Mesa, California 92627

Figure
2

DRAFTED BY: SShin | Date: 9/27/2013 | PROJECT: 05-31819A

EB-1			
Depth	PCE	TCE	cis-1,2-DCE
5	<1.8	<1.8	<1.8
10	<1.8	<1.8	<1.8
20	<2.1	<2.1	<2.1
30	<1.8	<1.8	<1.8
40	<2.1	<2.1	<2.1

EB-2			
Depth	PCE	TCE	cis-1,2-DCE
5	<1.9	<1.9	<1.9
10	<2.1	<2.1	<2.1
20	<1.8	<1.8	<1.8
30	<2	<2	<2
40	<2.2	<2.2	<2.2

EB-3			
Depth	PCE	TCE	cis-1,2-DCE
5	<1.8	<1.8	<1.8
10	<1.9	**4**	<1.9
20	<1.9	**5.2**	<1.9
30	<1.9	<1.9	<1.9
40	<2.4	<2.4	<2.4

EB-4			
Depth	PCE	TCE	cis-1,2-DCE
5	<1.9	**4.2**	<1.9
10	<2.2	<2.2	<2.2
20	<2.2	<2.2	<2.2
30	<2.3	<2.3	<2.3
40	<2.3	<2.3	<2.3

EB-5			
Depth	PCE	TCE	cis-1,2-DCE
5	<1.7	<1.7	<1.7
10	<1.8	**15**	<1.8
20	<1.6	**16**	<1.6
30	<1.8	<1.8	<1.8
40	<2.2	<2.2	<2.2

EB-6			
Depth	PCE	TCE	cis-1,2-DCE
5	<1.9	**9**	<1.9
10	**9**	**61**	<1.9
20	**5.6**	**58**	<1.7
30	<1.9	**6.6**	<1.9
40	<2	<2	<2

EB-9			
Depth	PCE	TCE	cis-1,2-DCE
5	<1.7	<1.7	<1.7
10	<1.6	<1.6	<1.6
20	**6.6**	**42**	<1.8
30	<1.8	**3.8**	<1.8
40	<2.2	<2.2	<2.2

EB-7			
Depth	PCE	TCE	cis-1,2-DCE
5	**62000**	**5300**	<810
10	**45000**	**2800**	<450
20	**1600**	<89	<89
30	**47**	**80**	<1.7
40	<2	<2	<2

West 16th Street
Site
777
775
DRIVEWAY
STORAGE AND PARKING
CONCRETE SUMP
Trailer Park

Notes:
1. Source: Environmental Audit, Inc.
2. Concentrations are reported in micrograms per liter (µg/L).
3. PCE - Tetrachloroethene
4. TCE - Trichloroethene
5. cis-1,2-DCE - cis-1,2-Dichloroethene
6. Only PCE, TCE, and cis-1,2-DCE results are posted.

Legend
- Site Boundary
- Trailer Park Boundary
- Soil Boring Location (ENVIRON)
- Historical Tetra Tech Sub-Slab Vapor Location
- Historical Tetra Tech Soil Gas and Soil Sampling Location
- Historical Tetra Tech Soil Gas Sampling Location
- Historical Tetra Tech Soil Sampling Location
- Existing Vapor Extraction Well (Environmental Audit, Inc.)
- Existing Nested Vapor Probe (Environmental Audit, Inc.)

0 40 Feet

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ENVIRON

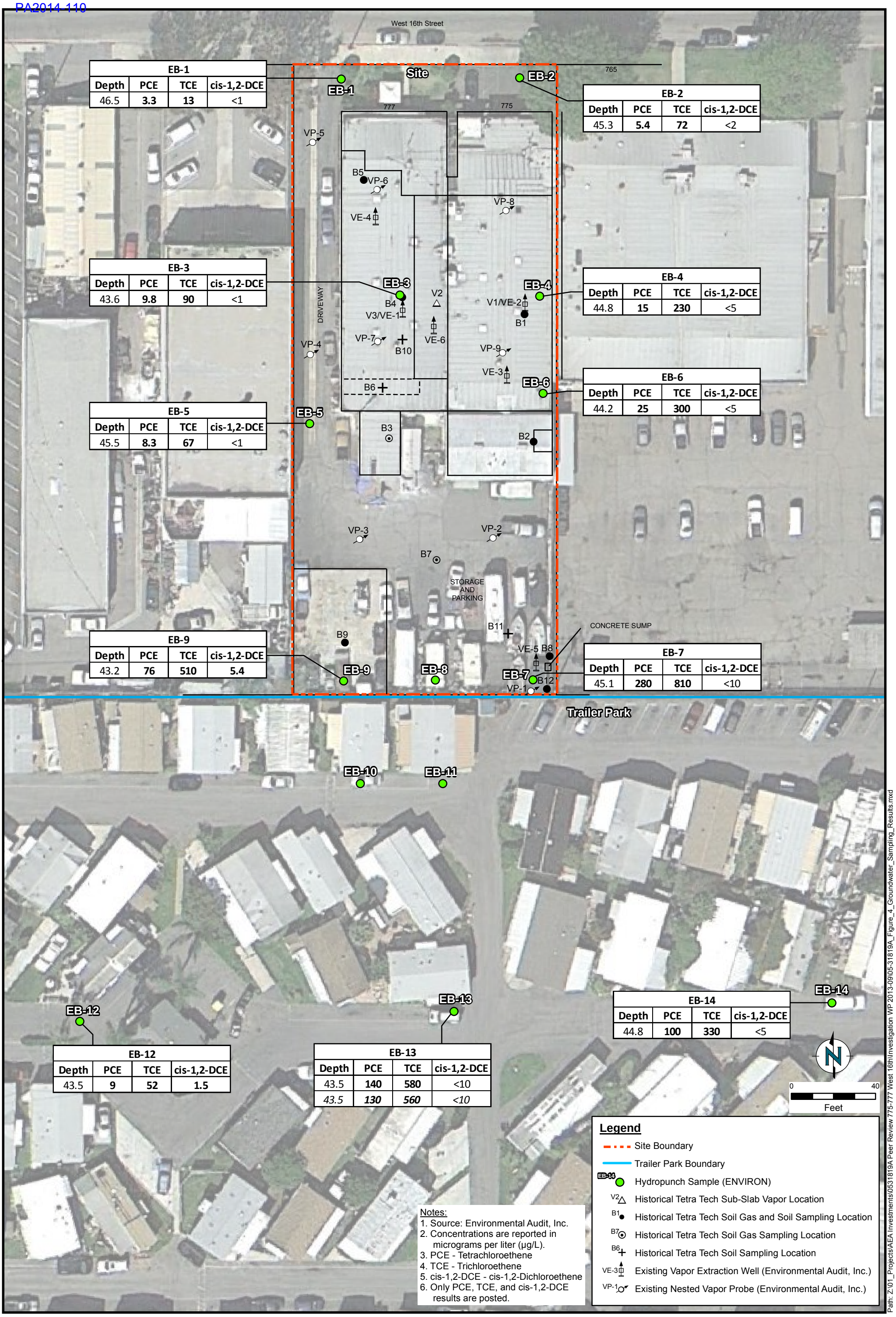
Soil Sampling Results

775-777 West 16th Street
Costa Mesa, California 92627

Figure 3

DRAFTED BY: SShin | Date: 9/27/2013 | PROJECT: 05-31819A

PA2014-110



EB-1			
Depth	PCE	TCE	cis-1,2-DCE
46.5	**3.3**	**13**	<1

EB-2			
Depth	PCE	TCE	cis-1,2-DCE
45.3	**5.4**	**72**	<2

EB-3			
Depth	PCE	TCE	cis-1,2-DCE
43.6	**9.8**	**90**	<1

EB-4			
Depth	PCE	TCE	cis-1,2-DCE
44.8	**15**	**230**	<5

EB-5			
Depth	PCE	TCE	cis-1,2-DCE
45.5	**8.3**	**67**	<1

EB-6			
Depth	PCE	TCE	cis-1,2-DCE
44.2	**25**	**300**	<5

EB-9			
Depth	PCE	TCE	cis-1,2-DCE
43.2	**76**	**510**	**5.4**

EB-7			
Depth	PCE	TCE	cis-1,2-DCE
45.1	**280**	**810**	<10

EB-14			
Depth	PCE	TCE	cis-1,2-DCE
44.8	**100**	**330**	<5

EB-12			
Depth	PCE	TCE	cis-1,2-DCE
43.5	**9**	**52**	**1.5**

EB-13			
Depth	PCE	TCE	cis-1,2-DCE
43.5	**140**	**580**	<10
43.5	***130***	***560***	*<10*

Legend

- Site Boundary
- Trailer Park Boundary
- EB-14 Hydropunch Sample (ENVIRON)
- V2 Historical Tetra Tech Sub-Slab Vapor Location
- B1 Historical Tetra Tech Soil Gas and Soil Sampling Location
- B7 Historical Tetra Tech Soil Gas Sampling Location
- B6 Historical Tetra Tech Soil Sampling Location
- VE-3 Existing Vapor Extraction Well (Environmental Audit, Inc.)
- VP-1 Existing Nested Vapor Probe (Environmental Audit, Inc.)

Notes:
1. Source: Environmental Audit, Inc.
2. Concentrations are reported in micrograms per liter (µg/L).
3. PCE - Tetrachloroethene
4. TCE - Trichloroethene
5. cis-1,2-DCE - cis-1,2-Dichloroethene
6. Only PCE, TCE, and cis-1,2-DCE results are posted.

Path: Z:\01_Projects\AEA Investments\05-31819A Peer Review 775-777 West 16th\Investigation WP 2013-09\2013-0905-31819A_Figure_4_Groundwater_Sampling_Results.mxd

ENVIRON

Groundwater Sampling Results

775-777 West 16th Street
Costa Mesa, California 92627

Figure
4

DRAFTED BY: SShin | Date: 9/27/2013 | PROJECT: 05-31819A

Analytical Laboratory Data Packages

H&P Geochemistry Inc. – Soil Gas Results

Mobile Geochemistry Inc.

24 July 2013

Mr. Jeff Raumin
Environ Corp.
18100 Von Karman Ave, Suite 600
Irvine, CA 92612

H&P Project: ENV071713-L4
Client Project: 05-31819A / 775-777 W 16th st

Dear Mr. Jeff Raumin:

Enclosed is the analytical report for the above referenced project. The data herein applies to samples as received by H&P Mobile Geochemistry, Inc. on 7/17/2013 -7/19/2013 which were analyzed in accordance with the attached Chain of Custody record(s).

The results for all sample analyses and required QA/QC analyses are presented in the following sections and summarized in the documents:

- Sample Summary
- Case Narrative (if applicable)
- Sample Results
- Quality Control Summary
- Notes and Definitions / Appendix
- Chain of Custody

Unless otherwise noted, all analyses were performed and reviewed in compliance with our Quality Systems Manual and Standard Operating Procedures. This report shall not be reproduced, except in full, without the written approval of H&P Mobile Geochemistry, Inc.

We at H&P Mobile Geochemistry, Inc. sincerely appreciate the opportunity to provide analytical services to you on this project. If you have any questions or concerns regarding this analytical report, please contact me at your convenience at 760-804-9678.

Sincerely,

Janis Villarreal
Laboratory Director

H&P Mobile Geochemistry, Inc. operates under CA Environmental Lab Accreditation Program Numbers 2579, 2740, 2741, 2742, 2743, 2745 and 2754. National Environmental Laboratory Accreditation Conference (NELAC) Standards Lab #11845

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Environ Corp.
18100 Von Karman Ave, Suite 600
Irvine, CA 92612

Project: ENV071713-L4
Project Number: 05-31819A / 775-777 W 16th st
Project Manager: Mr. Jeff Raumin

Reported:
24-Jul-13 11:40

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SV9-5 1PV, P319cc	E307074-01	Vapor	17-Jul-13	17-Jul-13
SV9-5 3PV, P958cc	E307074-02	Vapor	17-Jul-13	17-Jul-13
SV9-5 10PV, P3193cc	E307074-03	Vapor	17-Jul-13	17-Jul-13
SV9-10, P324cc	E307074-04	Vapor	17-Jul-13	17-Jul-13
SV9-10 rep, P424cc	E307074-05	Vapor	17-Jul-13	17-Jul-13
SV9-38, P350cc	E307074-06	Vapor	17-Jul-13	17-Jul-13
VP-5-5, P434cc	E307074-07	Vapor	17-Jul-13	17-Jul-13
VP-5-10, P869cc	E307074-08	Vapor	17-Jul-13	17-Jul-13
VP-4-5, P434cc	E307074-09	Vapor	17-Jul-13	17-Jul-13
VP-4-10, P869cc	E307074-10	Vapor	17-Jul-13	17-Jul-13
VP-4-10 Rep, P919cc	E307074-11	Vapor	17-Jul-13	17-Jul-13
VP-3-5, P434cc	E307074-12	Vapor	17-Jul-13	17-Jul-13
VP-3-10, P869cc	E307074-13	Vapor	17-Jul-13	17-Jul-13
VP-2-5, P434cc	E307074-14	Vapor	17-Jul-13	17-Jul-13
VP-2-10, P869cc	E307074-15	Vapor	17-Jul-13	17-Jul-13
VP-1-5, P434cc	E307074-16	Vapor	17-Jul-13	17-Jul-13
VP-1-10, P869cc	E307078-01	Vapor	18-Jul-13	18-Jul-13
SV-11-10, P324cc	E307078-02	Vapor	18-Jul-13	18-Jul-13
SV-11-10 Rep, P424cc	E307078-03	Vapor	18-Jul-13	18-Jul-13
SV-10-5, P709cc	E307078-04	Vapor	18-Jul-13	18-Jul-13
SV-10-10, P714cc	E307078-05	Vapor	18-Jul-13	18-Jul-13
VP-9-5, P434cc	E307078-06	Vapor	18-Jul-13	18-Jul-13
VP-9-5 Rep, P484cc	E307078-07	Vapor	18-Jul-13	18-Jul-13
VP-9-10, P869cc	E307078-08	Vapor	18-Jul-13	18-Jul-13
SV-8-6, P320cc	E307078-09	Vapor	18-Jul-13	18-Jul-13
SV-8-10, P323cc	E307078-10	Vapor	18-Jul-13	18-Jul-13
VP-8-5, P434cc	E307078-11	Vapor	18-Jul-13	18-Jul-13
VP-8-10, P869cc	E307078-12	Vapor	18-Jul-13	18-Jul-13

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ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SV-11-5, P319cc	E307085-01	Vapor	19-Jul-13	19-Jul-13
VP-6-4, P347cc	E307085-02	Vapor	19-Jul-13	19-Jul-13
VP-6-4 Rep, P397cc	E307085-03	Vapor	19-Jul-13	19-Jul-13
VP-7-4, P347cc	E307085-04	Vapor	19-Jul-13	19-Jul-13
VP-7-10, P869cc	E307085-05	Vapor	19-Jul-13	19-Jul-13
VP-6-10, P869cc	E307085-06	Vapor	19-Jul-13	19-Jul-13
SV-7-40, P743cc	E307085-07	Vapor	19-Jul-13	19-Jul-13
SV-3-40, P743cc	E307085-08	Vapor	19-Jul-13	19-Jul-13
SV-4-40, P743cc	E307085-09	Vapor	19-Jul-13	19-Jul-13

The reported blanks for July 18 and 19, 2013, are a sample size of 20 cc (dilution factor = .05). Blanks using 100 cc (dilution factor = .01) are not included and were not conducted prior to the analysis of samples using a 100 cc sample volume on July 18 and 19, 2013.

Samples VP-1-5 and VP-2-10 were recollected and reanalyzed on July 18, 2013, for the Trichloroethene (TCE) and/or Tetrachloroethene (PCE) concentrations, which exceeded the linear range of the calibration curve in the inital analyses performed on July 17, 2013. Sample VP-1-10 was recollected and reanalyzed on July 19, 2013, for the PCE concentration which exceeded the linear range of the calibration curve in the initial analysis on July 18, 2013.

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DETECTIONS SUMMARY

Sample ID: **SV9-5 1PV, P319cc** Laboratory ID: **E307074-01**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**0.03**	0.02	ug/l	H&P 8260 SV	
Trichloroethene	**0.28**	0.02	ug/l	H&P 8260 SV	
Tetrachloroethene	**0.09**	0.02	ug/l	H&P 8260 SV	
m,p-Xylene	**0.11**	0.10	ug/l	H&P 8260 SV	
Naphthalene	**0.02**	0.02	ug/l	H&P 8260 SV	B

Sample ID: **SV9-5 3PV, P958cc** Laboratory ID: **E307074-02**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Difluoroethane (LCC)	**0.12**	0.10	ug/l	H&P 8260 SV	
Trichloroethene	**0.08**	0.02	ug/l	H&P 8260 SV	
Tetrachloroethene	**0.03**	0.02	ug/l	H&P 8260 SV	

Sample ID: **SV9-5 10PV, P3193cc** Laboratory ID: **E307074-03**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Difluoroethane (LCC)	**0.32**	0.10	ug/l	H&P 8260 SV	
Benzene	**0.02**	0.02	ug/l	H&P 8260 SV	
Trichloroethene	**0.12**	0.02	ug/l	H&P 8260 SV	
Tetrachloroethene	**0.05**	0.02	ug/l	H&P 8260 SV	

Sample ID: **SV9-10, P324cc** Laboratory ID: **E307074-04**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**0.03**	0.02	ug/l	H&P 8260 SV	
Trichloroethene	**0.52**	0.02	ug/l	H&P 8260 SV	
Tetrachloroethene	**0.12**	0.02	ug/l	H&P 8260 SV	

Sample ID: **SV9-10 rep, P424cc** Laboratory ID: **E307074-05**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**0.03**	0.02	ug/l	H&P 8260 SV	
Trichloroethene	**0.45**	0.02	ug/l	H&P 8260 SV	
Tetrachloroethene	**0.10**	0.02	ug/l	H&P 8260 SV	

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Sample ID: **SV9-38, P350cc** Laboratory ID: **E307074-06**

Analyte	Result	Reporting Limit	Units	Method	Notes
cis-1,2-Dichloroethene	**0.61**	0.10	ug/l	H&P 8260 SV	
Chloroform	**0.18**	0.02	ug/l	H&P 8260 SV	
Benzene	**0.02**	0.02	ug/l	H&P 8260 SV	
Trichloroethene	**180**	0.40	ug/l	H&P 8260 SV	
Tetrachloroethene	**43**	0.40	ug/l	H&P 8260 SV	

Sample ID: **VP-5-5, P434cc** Laboratory ID: **E307074-07**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**16**	0.10	ug/l	H&P 8260 SV	
Tetrachloroethene	**4.1**	0.10	ug/l	H&P 8260 SV	

Sample ID: **VP-5-10, P869cc** Laboratory ID: **E307074-08**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**8.5**	0.10	ug/l	H&P 8260 SV	
Tetrachloroethene	**1.5**	0.10	ug/l	H&P 8260 SV	

Sample ID: **VP-4-5, P434cc** Laboratory ID: **E307074-09**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**32**	0.10	ug/l	H&P 8260 SV	
Tetrachloroethene	**4.9**	0.10	ug/l	H&P 8260 SV	

Sample ID: **VP-4-10, P869cc** Laboratory ID: **E307074-10**

Analyte	Result	Reporting Limit	Units	Method	Notes
Chloroform	**0.14**	0.10	ug/l	H&P 8260 SV	
Trichloroethene	**39**	0.10	ug/l	H&P 8260 SV	
Tetrachloroethene	**5.8**	0.10	ug/l	H&P 8260 SV	

Sample ID: **VP-4-10 Rep, P919cc** Laboratory ID: **E307074-11**

Analyte	Result	Reporting Limit	Units	Method	Notes
Chloroform	**0.12**	0.10	ug/l	H&P 8260 SV	
Trichloroethene	**34**	0.10	ug/l	H&P 8260 SV	
Tetrachloroethene	**5.2**	0.10	ug/l	H&P 8260 SV	

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Sample ID: **VP-3-5, P434cc** Laboratory ID: **E307074-12**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**1.9**	0.10	ug/l	H&P 8260 SV	
Tetrachloroethene	**4.3**	0.10	ug/l	H&P 8260 SV	

Sample ID: **VP-3-10, P869cc** Laboratory ID: **E307074-13**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**13**	0.10	ug/l	H&P 8260 SV	
Tetrachloroethene	**5.2**	0.10	ug/l	H&P 8260 SV	

Sample ID: **VP-2-5, P434cc** Laboratory ID: **E307074-14**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**2.0**	0.10	ug/l	H&P 8260 SV	
Tetrachloroethene	**0.97**	0.10	ug/l	H&P 8260 SV	

Sample ID: **VP-2-10, P869cc** Laboratory ID: **E307074-15**

Analyte	Result	Reporting Limit	Units	Method	Notes
cis-1,2-Dichloroethene	**5.6**	0.50	ug/l	H&P 8260 SV	
Chloroform	**0.32**	0.10	ug/l	H&P 8260 SV	
Trichloroethene	**140**	0.40	ug/l	H&P 8260 SV	
Tetrachloroethene	**48**	0.10	ug/l	H&P 8260 SV	

Sample ID: **VP-1-5, P434cc** Laboratory ID: **E307074-16**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Dichloroethene	**0.64**	0.50	ug/l	H&P 8260 SV	
cis-1,2-Dichloroethene	**51**	0.50	ug/l	H&P 8260 SV	
Trichloroethene	**220**	10	ug/l	H&P 8260 SV	
Tetrachloroethene	**990**	10	ug/l	H&P 8260 SV	
Chlorobenzene	**0.41**	0.10	ug/l	H&P 8260 SV	

Sample ID: **VP-1-10, P869cc** Laboratory ID: **E307078-01**

Analyte	Result	Reporting Limit	Units	Method	Notes
cis-1,2-Dichloroethene	**45**	2.0	ug/l	H&P 8260 SV	
Benzene	**0.51**	0.40	ug/l	H&P 8260 SV	
Trichloroethene	**150**	0.40	ug/l	H&P 8260 SV	
Tetrachloroethene	**670**	4.0	ug/l	H&P 8260 SV	

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Sample ID: **SV-11-10, P324cc** Laboratory ID: **E307078-02**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**0.04**	0.02	ug/l	H&P 8260 SV	
Trichloroethene	**0.99**	0.02	ug/l	H&P 8260 SV	
Tetrachloroethene	**1.1**	0.02	ug/l	H&P 8260 SV	
Naphthalene	**0.03**	0.02	ug/l	H&P 8260 SV	

Sample ID: **SV-11-10 Rep, P424cc** Laboratory ID: **E307078-03**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**0.04**	0.02	ug/l	H&P 8260 SV	
Trichloroethene	**0.81**	0.02	ug/l	H&P 8260 SV	
Tetrachloroethene	**0.79**	0.02	ug/l	H&P 8260 SV	
Naphthalene	**0.02**	0.02	ug/l	H&P 8260 SV	

Sample ID: **SV-10-5, P709cc** Laboratory ID: **E307078-04**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**0.03**	0.02	ug/l	H&P 8260 SV	
Tetrachloroethene	**0.07**	0.02	ug/l	H&P 8260 SV	
Naphthalene	**0.02**	0.02	ug/l	H&P 8260 SV	

Sample ID: **SV-10-10, P714cc** Laboratory ID: **E307078-05**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**0.03**	0.02	ug/l	H&P 8260 SV	
Tetrachloroethene	**0.03**	0.02	ug/l	H&P 8260 SV	
Naphthalene	**0.02**	0.02	ug/l	H&P 8260 SV	

Sample ID: **VP-9-5, P434cc** Laboratory ID: **E307078-06**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**0.12**	0.10	ug/l	H&P 8260 SV	
Trichloroethene	**37**	0.10	ug/l	H&P 8260 SV	
Tetrachloroethene	**7.8**	0.10	ug/l	H&P 8260 SV	
Naphthalene	**0.12**	0.10	ug/l	H&P 8260 SV	

Sample ID: **VP-9-5 Rep, P484cc** Laboratory ID: **E307078-07**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**0.12**	0.10	ug/l	H&P 8260 SV	

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Sample ID: **VP-9-5 Rep, P484cc** Laboratory ID: **E307078-07**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**46**	0.10	ug/l	H&P 8260 SV	
Tetrachloroethene	**10**	0.10	ug/l	H&P 8260 SV	
Naphthalene	**0.10**	0.10	ug/l	H&P 8260 SV	

Sample ID: **VP-9-10, P869cc** Laboratory ID: **E307078-08**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**6.0**	0.10	ug/l	H&P 8260 SV	
Tetrachloroethene	**1.1**	0.10	ug/l	H&P 8260 SV	

Sample ID: **SV-8-6, P320cc** Laboratory ID: **E307078-09**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**0.04**	0.02	ug/l	H&P 8260 SV	
Naphthalene	**0.02**	0.02	ug/l	H&P 8260 SV	

Sample ID: **SV-8-10, P323cc** Laboratory ID: **E307078-10**

Analyte	Result	Reporting Limit	Units	Method	Notes
No Detections Reported					

Sample ID: **VP-8-5, P434cc** Laboratory ID: **E307078-11**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**5.6**	0.10	ug/l	H&P 8260 SV	
Tetrachloroethene	**1.0**	0.10	ug/l	H&P 8260 SV	

Sample ID: **VP-8-10, P869cc** Laboratory ID: **E307078-12**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**8.6**	0.10	ug/l	H&P 8260 SV	
Tetrachloroethene	**1.3**	0.10	ug/l	H&P 8260 SV	

Sample ID: **SV-11-5, P319cc** Laboratory ID: **E307085-01**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Difluoroethane (LCC)	**0.13**	0.10	ug/l	H&P 8260 SV	
Vinyl chloride	**0.01**	0.01	ug/l	H&P 8260 SV	
cis-1,2-Dichloroethene	**0.11**	0.10	ug/l	H&P 8260 SV	

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Sample ID: **SV-11-5, P319cc** Laboratory ID: **E307085-01**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**0.07**	0.02	ug/l	H&P 8260 SV	
Tetrachloroethene	**0.08**	0.02	ug/l	H&P 8260 SV	

Sample ID: **VP-6-4, P347cc** Laboratory ID: **E307085-02**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**10**	0.10	ug/l	H&P 8260 SV	
Tetrachloroethene	**1.7**	0.10	ug/l	H&P 8260 SV	

Sample ID: **VP-6-4 Rep, P397cc** Laboratory ID: **E307085-03**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**10**	0.10	ug/l	H&P 8260 SV	
Tetrachloroethene	**1.7**	0.10	ug/l	H&P 8260 SV	

Sample ID: **VP-7-4, P347cc** Laboratory ID: **E307085-04**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**22**	0.10	ug/l	H&P 8260 SV	
Tetrachloroethene	**4.3**	0.10	ug/l	H&P 8260 SV	

Sample ID: **VP-7-10, P869cc** Laboratory ID: **E307085-05**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**36**	0.10	ug/l	H&P 8260 SV	
Tetrachloroethene	**6.2**	0.10	ug/l	H&P 8260 SV	

Sample ID: **VP-6-10, P869cc** Laboratory ID: **E307085-06**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**13**	0.10	ug/l	H&P 8260 SV	
Tetrachloroethene	**2.1**	0.10	ug/l	H&P 8260 SV	

Sample ID: **SV-7-40, P743cc** Laboratory ID: **E307085-07**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**200**	4.0	ug/l	H&P 8260 SV	
Tetrachloroethene	**72**	4.0	ug/l	H&P 8260 SV	

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Sample ID: **SV-3-40, P743cc** Laboratory ID: **E307085-08**

Analyte	Result	Reporting Limit	Units	Method	Notes
Chloroform	**0.22**	0.10	ug/l	H&P 8260 SV	
Trichloroethene	**69**	0.10	ug/l	H&P 8260 SV	
Tetrachloroethene	**10**	0.10	ug/l	H&P 8260 SV	

Sample ID: **SV-4-40, P743cc** Laboratory ID: **E307085-09**

Analyte	Result	Reporting Limit	Units	Method	Notes
Chloroform	**0.36**	0.10	ug/l	H&P 8260 SV	
Trichloroethene	**150**	0.40	ug/l	H&P 8260 SV	
Tetrachloroethene	**20**	0.10	ug/l	H&P 8260 SV	

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Volatile Organic Compounds by 8260SV

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Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV9-5 1PV, P319cc (E307074-01) Vapor	**Sampled: 17-Jul-13**	**Received: 17-Jul-13**							
1,1-Difluoroethane (LCC)	ND	0.10	ug/l	0.01	EG31702	17-Jul-13	17-Jul-13	H&P 8260 SV	
Dichlorodifluoromethane (F12)	ND	0.10	"	"	"	"	"	"	
Chloromethane	ND	0.10	"	"	"	"	"	"	
Vinyl chloride	ND	0.01	"	"	"	"	"	"	
Bromomethane	ND	0.10	"	"	"	"	"	"	
Chloroethane	ND	0.10	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.10	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.10	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.10	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.10	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.10	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.10	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.10	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.10	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.10	"	"	"	"	"	"	
Chloroform	ND	0.02	"	"	"	"	"	"	
Bromochloromethane	ND	0.10	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.10	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.10	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.02	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.02	"	"	"	"	"	"	
Benzene	**0.03**	0.02	"	"	"	"	"	"	
Trichloroethene	**0.28**	0.02	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.10	"	"	"	"	"	"	
Bromodichloromethane	ND	0.10	"	"	"	"	"	"	
Dibromomethane	ND	0.10	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.10	"	"	"	"	"	"	
Toluene	ND	0.20	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.10	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.10	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.10	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.10	"	"	"	"	"	"	
Tetrachloroethene	**0.09**	0.02	"	"	"	"	"	"	
Dibromochloromethane	ND	0.10	"	"	"	"	"	"	
Chlorobenzene	ND	0.02	"	"	"	"	"	"	
Ethylbenzene	ND	0.10	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.10	"	"	"	"	"	"	
m,p-Xylene	**0.11**	0.10	"	"	"	"	"	"	

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV9-5 1PV, P319cc (E307074-01) Vapor Sampled: 17-Jul-13 Received: 17-Jul-13									
o-Xylene	ND	0.10	ug/l	0.01	EG31702	17-Jul-13	17-Jul-13	H&P 8260 SV	
Styrene	ND	0.10	"	"	"	"	"	"	
Bromoform	ND	0.10	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.10	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.10	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.10	"	"	"	"	"	"	
n-Propylbenzene	ND	0.10	"	"	"	"	"	"	
Bromobenzene	ND	0.10	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.10	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.10	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.10	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.10	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.10	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.10	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.10	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.10	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.10	"	"	"	"	"	"	
n-Butylbenzene	ND	0.10	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.10	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.10	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.10	"	"	"	"	"	"	
Naphthalene	**0.02**	0.02	"	"	"	"	"	"	B
1,2,3-Trichlorobenzene	ND	0.10	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*110 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*101 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*103 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*118 %*		*75-125*	"	"	"	"	

H&P Mobile
Geochemistry Inc.

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV9-5 3PV, P958cc (E307074-02) Vapor	**Sampled: 17-Jul-13**	**Received: 17-Jul-13**							
1,1-Difluoroethane (LCC)	**0.12**	0.10	ug/l	0.01	EG31702	17-Jul-13	17-Jul-13	H&P 8260 SV	
Dichlorodifluoromethane (F12)	ND	0.10	"	"	"	"	"	"	
Chloromethane	ND	0.10	"	"	"	"	"	"	
Vinyl chloride	ND	0.01	"	"	"	"	"	"	
Bromomethane	ND	0.10	"	"	"	"	"	"	
Chloroethane	ND	0.10	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.10	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.10	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.10	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.10	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.10	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.10	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.10	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.10	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.10	"	"	"	"	"	"	
Chloroform	ND	0.02	"	"	"	"	"	"	
Bromochloromethane	ND	0.10	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.10	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.10	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.02	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.02	"	"	"	"	"	"	
Benzene	ND	0.02	"	"	"	"	"	"	
Trichloroethene	**0.08**	0.02	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.10	"	"	"	"	"	"	
Bromodichloromethane	ND	0.10	"	"	"	"	"	"	
Dibromomethane	ND	0.10	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.10	"	"	"	"	"	"	
Toluene	ND	0.20	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.10	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.10	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.10	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.10	"	"	"	"	"	"	
Tetrachloroethene	**0.03**	0.02	"	"	"	"	"	"	
Dibromochloromethane	ND	0.10	"	"	"	"	"	"	
Chlorobenzene	ND	0.02	"	"	"	"	"	"	
Ethylbenzene	ND	0.10	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.10	"	"	"	"	"	"	
m,p-Xylene	ND	0.10	"	"	"	"	"	"	

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV9-5 3PV, P958cc (E307074-02) Vapor Sampled: 17-Jul-13 Received: 17-Jul-13									
o-Xylene	ND	0.10	ug/l	0.01	EG31702	17-Jul-13	17-Jul-13	H&P 8260 SV	
Styrene	ND	0.10	"	"	"	"	"	"	
Bromoform	ND	0.10	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.10	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.10	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.10	"	"	"	"	"	"	
n-Propylbenzene	ND	0.10	"	"	"	"	"	"	
Bromobenzene	ND	0.10	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.10	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.10	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.10	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.10	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.10	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.10	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.10	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.10	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.10	"	"	"	"	"	"	
n-Butylbenzene	ND	0.10	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.10	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.10	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.10	"	"	"	"	"	"	
Naphthalene	ND	0.02	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.10	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*109 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*103 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*105 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*117 %*		*75-125*	"	"	"	"	

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV9-5 10PV, P3193cc (E307074-03) Vapor	**Sampled: 17-Jul-13**	**Received: 17-Jul-13**							
1,1-Difluoroethane (LCC)	**0.32**	0.10	ug/l	0.01	EG31702	17-Jul-13	17-Jul-13	H&P 8260 SV	
Dichlorodifluoromethane (F12)	ND	0.10	"	"	"	"	"	"	
Chloromethane	ND	0.10	"	"	"	"	"	"	
Vinyl chloride	ND	0.01	"	"	"	"	"	"	
Bromomethane	ND	0.10	"	"	"	"	"	"	
Chloroethane	ND	0.10	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.10	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.10	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.10	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.10	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.10	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.10	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.10	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.10	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.10	"	"	"	"	"	"	
Chloroform	ND	0.02	"	"	"	"	"	"	
Bromochloromethane	ND	0.10	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.10	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.10	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.02	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.02	"	"	"	"	"	"	
Benzene	**0.02**	0.02	"	"	"	"	"	"	
Trichloroethene	**0.12**	0.02	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.10	"	"	"	"	"	"	
Bromodichloromethane	ND	0.10	"	"	"	"	"	"	
Dibromomethane	ND	0.10	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.10	"	"	"	"	"	"	
Toluene	ND	0.20	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.10	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.10	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.10	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.10	"	"	"	"	"	"	
Tetrachloroethene	**0.05**	0.02	"	"	"	"	"	"	
Dibromochloromethane	ND	0.10	"	"	"	"	"	"	
Chlorobenzene	ND	0.02	"	"	"	"	"	"	
Ethylbenzene	ND	0.10	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.10	"	"	"	"	"	"	
m,p-Xylene	ND	0.10	"	"	"	"	"	"	

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV9-5 10PV, P3193cc (E307074-03) Vapor	**Sampled: 17-Jul-13**	**Received: 17-Jul-13**							
o-Xylene	ND	0.10	ug/l	0.01	EG31702	17-Jul-13	17-Jul-13	H&P 8260 SV	
Styrene	ND	0.10	"	"	"	"	"	"	
Bromoform	ND	0.10	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.10	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.10	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.10	"	"	"	"	"	"	
n-Propylbenzene	ND	0.10	"	"	"	"	"	"	
Bromobenzene	ND	0.10	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.10	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.10	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.10	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.10	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.10	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.10	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.10	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.10	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.10	"	"	"	"	"	"	
n-Butylbenzene	ND	0.10	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.10	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.10	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.10	"	"	"	"	"	"	
Naphthalene	ND	0.02	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.10	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*108 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*101 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*105 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*115 %*		*75-125*	"	"	"	"	

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV9-10, P324cc (E307074-04) Vapor Sampled: 17-Jul-13 Received: 17-Jul-13									
1,1-Difluoroethane (LCC)	ND	0.10	ug/l	0.01	EG31702	17-Jul-13	17-Jul-13	H&P 8260 SV	
Dichlorodifluoromethane (F12)	ND	0.10	"	"	"	"	"	"	
Chloromethane	ND	0.10	"	"	"	"	"	"	
Vinyl chloride	ND	0.01	"	"	"	"	"	"	
Bromomethane	ND	0.10	"	"	"	"	"	"	
Chloroethane	ND	0.10	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.10	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.10	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.10	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.10	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.10	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.10	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.10	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.10	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.10	"	"	"	"	"	"	
Chloroform	ND	0.02	"	"	"	"	"	"	
Bromochloromethane	ND	0.10	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.10	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.10	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.02	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.02	"	"	"	"	"	"	
Benzene	**0.03**	0.02	"	"	"	"	"	"	
Trichloroethene	**0.52**	0.02	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.10	"	"	"	"	"	"	
Bromodichloromethane	ND	0.10	"	"	"	"	"	"	
Dibromomethane	ND	0.10	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.10	"	"	"	"	"	"	
Toluene	ND	0.20	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.10	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.10	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.10	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.10	"	"	"	"	"	"	
Tetrachloroethene	**0.12**	0.02	"	"	"	"	"	"	
Dibromochloromethane	ND	0.10	"	"	"	"	"	"	
Chlorobenzene	ND	0.02	"	"	"	"	"	"	
Ethylbenzene	ND	0.10	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.10	"	"	"	"	"	"	
m,p-Xylene	ND	0.10	"	"	"	"	"	"	

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV9-10, P324cc (E307074-04) Vapor Sampled: 17-Jul-13 Received: 17-Jul-13									
o-Xylene	ND	0.10	ug/l	0.01	EG31702	17-Jul-13	17-Jul-13	H&P 8260 SV	
Styrene	ND	0.10	"	"	"	"	"	"	
Bromoform	ND	0.10	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.10	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.10	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.10	"	"	"	"	"	"	
n-Propylbenzene	ND	0.10	"	"	"	"	"	"	
Bromobenzene	ND	0.10	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.10	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.10	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.10	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.10	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.10	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.10	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.10	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.10	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.10	"	"	"	"	"	"	
n-Butylbenzene	ND	0.10	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.10	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.10	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.10	"	"	"	"	"	"	
Naphthalene	ND	0.02	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.10	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*105 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*96.1 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*106 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*117 %*		*75-125*	"	"	"	"	

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV9-10 rep, P424cc (E307074-05) Vapor	**Sampled: 17-Jul-13**	**Received: 17-Jul-13**							
1,1-Difluoroethane (LCC)	ND	0.10	ug/l	0.01	EG31702	17-Jul-13	17-Jul-13	H&P 8260 SV	
Dichlorodifluoromethane (F12)	ND	0.10	"	"	"	"	"	"	
Chloromethane	ND	0.10	"	"	"	"	"	"	
Vinyl chloride	ND	0.01	"	"	"	"	"	"	
Bromomethane	ND	0.10	"	"	"	"	"	"	
Chloroethane	ND	0.10	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.10	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.10	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.10	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.10	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.10	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.10	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.10	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.10	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.10	"	"	"	"	"	"	
Chloroform	ND	0.02	"	"	"	"	"	"	
Bromochloromethane	ND	0.10	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.10	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.10	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.02	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.02	"	"	"	"	"	"	
Benzene	**0.03**	0.02	"	"	"	"	"	"	
Trichloroethene	**0.45**	0.02	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.10	"	"	"	"	"	"	
Bromodichloromethane	ND	0.10	"	"	"	"	"	"	
Dibromomethane	ND	0.10	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.10	"	"	"	"	"	"	
Toluene	ND	0.20	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.10	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.10	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.10	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.10	"	"	"	"	"	"	
Tetrachloroethene	**0.10**	0.02	"	"	"	"	"	"	
Dibromochloromethane	ND	0.10	"	"	"	"	"	"	
Chlorobenzene	ND	0.02	"	"	"	"	"	"	
Ethylbenzene	ND	0.10	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.10	"	"	"	"	"	"	
m,p-Xylene	ND	0.10	"	"	"	"	"	"	

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV9-10 rep, P424cc (E307074-05) Vapor	**Sampled: 17-Jul-13**	**Received: 17-Jul-13**							
o-Xylene	ND	0.10	ug/l	0.01	EG31702	17-Jul-13	17-Jul-13	H&P 8260 SV	
Styrene	ND	0.10	"	"	"	"	"	"	
Bromoform	ND	0.10	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.10	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.10	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.10	"	"	"	"	"	"	
n-Propylbenzene	ND	0.10	"	"	"	"	"	"	
Bromobenzene	ND	0.10	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.10	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.10	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.10	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.10	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.10	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.10	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.10	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.10	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.10	"	"	"	"	"	"	
n-Butylbenzene	ND	0.10	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.10	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.10	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.10	"	"	"	"	"	"	
Naphthalene	ND	0.02	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.10	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*111 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*103 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*104 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*122 %*		*75-125*	"	"	"	"	

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV9-38, P350cc (E307074-06) Vapor Sampled: 17-Jul-13 Received: 17-Jul-13									
1,1-Difluoroethane (LCC)	ND	0.10	ug/l	0.01	EG31702	17-Jul-13	17-Jul-13	H&P 8260 SV	
Dichlorodifluoromethane (F12)	ND	0.10	"	"	"	"	"	"	
Chloromethane	ND	0.10	"	"	"	"	"	"	
Vinyl chloride	ND	0.01	"	"	"	"	"	"	
Bromomethane	ND	0.10	"	"	"	"	"	"	
Chloroethane	ND	0.10	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.10	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.10	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.10	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.10	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.10	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.10	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.10	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.10	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**0.61**	0.10	"	"	"	"	"	"	
Chloroform	**0.18**	0.02	"	"	"	"	"	"	
Bromochloromethane	ND	0.10	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.10	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.10	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.02	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.02	"	"	"	"	"	"	
Benzene	**0.02**	0.02	"	"	"	"	"	"	
Trichloroethene	**180**	0.40	"	0.2	"	"	"	"	
1,2-Dichloropropane	ND	0.10	"	0.01	"	"	"	"	
Bromodichloromethane	ND	0.10	"	"	"	"	"	"	
Dibromomethane	ND	0.10	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.10	"	"	"	"	"	"	
Toluene	ND	0.20	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.10	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.10	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.10	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.10	"	"	"	"	"	"	
Tetrachloroethene	**43**	0.40	"	0.2	"	"	"	"	
Dibromochloromethane	ND	0.10	"	0.01	"	"	"	"	
Chlorobenzene	ND	0.02	"	"	"	"	"	"	
Ethylbenzene	ND	0.10	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.10	"	"	"	"	"	"	
m,p-Xylene	ND	0.10	"	"	"	"	"	"	

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV9-38, P350cc (E307074-06) Vapor Sampled: 17-Jul-13 Received: 17-Jul-13									
o-Xylene	ND	0.10	ug/l	0.01	EG31702	17-Jul-13	17-Jul-13	H&P 8260 SV	
Styrene	ND	0.10	"	"	"	"	"	"	
Bromoform	ND	0.10	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.10	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.10	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.10	"	"	"	"	"	"	
n-Propylbenzene	ND	0.10	"	"	"	"	"	"	
Bromobenzene	ND	0.10	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.10	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.10	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.10	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.10	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.10	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.10	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.10	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.10	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.10	"	"	"	"	"	"	
n-Butylbenzene	ND	0.10	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.10	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.10	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.10	"	"	"	"	"	"	
Naphthalene	ND	0.02	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.10	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*111 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*109 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*109 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*112 %*		*75-125*	"	"	"	"	

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP-5-5, P434cc (E307074-07) Vapor Sampled: 17-Jul-13 Received: 17-Jul-13									
1,1-Difluoroethane (LCC)	ND	0.50	ug/l	0.05	EG31705	17-Jul-13	17-Jul-13	H&P 8260 SV	
Dichlorodifluoromethane (F12)	ND	0.50	"	"	"	"	"	"	
Chloromethane	ND	0.50	"	"	"	"	"	"	
Vinyl chloride	ND	0.05	"	"	"	"	"	"	
Bromomethane	ND	0.50	"	"	"	"	"	"	
Chloroethane	ND	0.50	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.50	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.50	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.50	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
Chloroform	ND	0.10	"	"	"	"	"	"	
Bromochloromethane	ND	0.50	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.10	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.10	"	"	"	"	"	"	
Benzene	ND	0.10	"	"	"	"	"	"	
Trichloroethene	**16**	0.10	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
Bromodichloromethane	ND	0.50	"	"	"	"	"	"	
Dibromomethane	ND	0.50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.50	"	"	"	"	"	"	
Tetrachloroethene	**4.1**	0.10	"	"	"	"	"	"	
Dibromochloromethane	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	0.10	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	0.50	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP-5-5, P434cc (E307074-07) Vapor Sampled: 17-Jul-13 Received: 17-Jul-13									
Styrene	ND	0.50	ug/l	0.05	EG31705	17-Jul-13	17-Jul-13	H&P 8260 SV	
Bromoform	ND	0.50	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.50	"	"	"	"	"	"	
n-Propylbenzene	ND	0.50	"	"	"	"	"	"	
Bromobenzene	ND	0.50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.50	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
n-Butylbenzene	ND	0.50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.50	"	"	"	"	"	"	
Naphthalene	ND	0.10	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*114 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*109 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*105 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*121 %*	*75-125*		"	"	"	"	

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP-5-10, P869cc (E307074-08) Vapor Sampled: 17-Jul-13 Received: 17-Jul-13									
1,1-Difluoroethane (LCC)	ND	0.50	ug/l	0.05	EG31705	17-Jul-13	17-Jul-13	H&P 8260 SV	
Dichlorodifluoromethane (F12)	ND	0.50	"	"	"	"	"	"	
Chloromethane	ND	0.50	"	"	"	"	"	"	
Vinyl chloride	ND	0.05	"	"	"	"	"	"	
Bromomethane	ND	0.50	"	"	"	"	"	"	
Chloroethane	ND	0.50	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.50	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.50	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.50	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
Chloroform	ND	0.10	"	"	"	"	"	"	
Bromochloromethane	ND	0.50	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.10	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.10	"	"	"	"	"	"	
Benzene	ND	0.10	"	"	"	"	"	"	
Trichloroethene	**8.5**	0.10	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
Bromodichloromethane	ND	0.50	"	"	"	"	"	"	
Dibromomethane	ND	0.50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.50	"	"	"	"	"	"	
Tetrachloroethene	**1.5**	0.10	"	"	"	"	"	"	
Dibromochloromethane	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	0.10	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	0.50	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	

H&P Mobile
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760-804-9678 Phone
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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP-5-10, P869cc (E307074-08) Vapor Sampled: 17-Jul-13 Received: 17-Jul-13									
Styrene	ND	0.50	ug/l	0.05	EG31705	17-Jul-13	17-Jul-13	H&P 8260 SV	
Bromoform	ND	0.50	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.50	"	"	"	"	"	"	
n-Propylbenzene	ND	0.50	"	"	"	"	"	"	
Bromobenzene	ND	0.50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.50	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
n-Butylbenzene	ND	0.50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.50	"	"	"	"	"	"	
Naphthalene	ND	0.10	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*115 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*108 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*105 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*120 %*		*75-125*	"	"	"	"	

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP-4-5, P434cc (E307074-09) Vapor Sampled: 17-Jul-13 Received: 17-Jul-13									
1,1-Difluoroethane (LCC)	ND	0.50	ug/l	0.05	EG31705	17-Jul-13	17-Jul-13	H&P 8260 SV	
Dichlorodifluoromethane (F12)	ND	0.50	"	"	"	"	"	"	
Chloromethane	ND	0.50	"	"	"	"	"	"	
Vinyl chloride	ND	0.05	"	"	"	"	"	"	
Bromomethane	ND	0.50	"	"	"	"	"	"	
Chloroethane	ND	0.50	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.50	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.50	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.50	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
Chloroform	ND	0.10	"	"	"	"	"	"	
Bromochloromethane	ND	0.50	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.10	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.10	"	"	"	"	"	"	
Benzene	ND	0.10	"	"	"	"	"	"	
Trichloroethene	**32**	0.10	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
Bromodichloromethane	ND	0.50	"	"	"	"	"	"	
Dibromomethane	ND	0.50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.50	"	"	"	"	"	"	
Tetrachloroethene	**4.9**	0.10	"	"	"	"	"	"	
Dibromochloromethane	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	0.10	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	0.50	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP-4-5, P434cc (E307074-09) Vapor Sampled: 17-Jul-13 Received: 17-Jul-13									
Styrene	ND	0.50	ug/l	0.05	EG31705	17-Jul-13	17-Jul-13	H&P 8260 SV	
Bromoform	ND	0.50	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.50	"	"	"	"	"	"	
n-Propylbenzene	ND	0.50	"	"	"	"	"	"	
Bromobenzene	ND	0.50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.50	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
n-Butylbenzene	ND	0.50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.50	"	"	"	"	"	"	
Naphthalene	ND	0.10	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*118 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*100 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*124 %*	*75-125*		"	"	"	"	

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP-4-10, P869cc (E307074-10) Vapor Sampled: 17-Jul-13 Received: 17-Jul-13									
1,1-Difluoroethane (LCC)	ND	0.50	ug/l	0.05	EG31705	17-Jul-13	17-Jul-13	H&P 8260 SV	
Dichlorodifluoromethane (F12)	ND	0.50	"	"	"	"	"	"	
Chloromethane	ND	0.50	"	"	"	"	"	"	
Vinyl chloride	ND	0.05	"	"	"	"	"	"	
Bromomethane	ND	0.50	"	"	"	"	"	"	
Chloroethane	ND	0.50	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.50	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.50	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.50	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
Chloroform	**0.14**	0.10	"	"	"	"	"	"	
Bromochloromethane	ND	0.50	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.10	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.10	"	"	"	"	"	"	
Benzene	ND	0.10	"	"	"	"	"	"	
Trichloroethene	**39**	0.10	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
Bromodichloromethane	ND	0.50	"	"	"	"	"	"	
Dibromomethane	ND	0.50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.50	"	"	"	"	"	"	
Tetrachloroethene	**5.8**	0.10	"	"	"	"	"	"	
Dibromochloromethane	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	0.10	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	0.50	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP-4-10, P869cc (E307074-10) Vapor Sampled: 17-Jul-13 Received: 17-Jul-13									
Styrene	ND	0.50	ug/l	0.05	EG31705	17-Jul-13	17-Jul-13	H&P 8260 SV	
Bromoform	ND	0.50	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.50	"	"	"	"	"	"	
n-Propylbenzene	ND	0.50	"	"	"	"	"	"	
Bromobenzene	ND	0.50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.50	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
n-Butylbenzene	ND	0.50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.50	"	"	"	"	"	"	
Naphthalene	ND	0.10	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*112 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*105 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*119 %*	*75-125*		"	"	"	"	

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP-4-10 Rep, P919cc (E307074-11) Vapor	**Sampled: 17-Jul-13**	**Received: 17-Jul-13**							
1,1-Difluoroethane (LCC)	ND	0.50	ug/l	0.05	EG31705	17-Jul-13	17-Jul-13	H&P 8260 SV	
Dichlorodifluoromethane (F12)	ND	0.50	"	"	"	"	"	"	
Chloromethane	ND	0.50	"	"	"	"	"	"	
Vinyl chloride	ND	0.05	"	"	"	"	"	"	
Bromomethane	ND	0.50	"	"	"	"	"	"	
Chloroethane	ND	0.50	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.50	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.50	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.50	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
Chloroform	**0.12**	0.10	"	"	"	"	"	"	
Bromochloromethane	ND	0.50	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.10	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.10	"	"	"	"	"	"	
Benzene	ND	0.10	"	"	"	"	"	"	
Trichloroethene	**34**	0.10	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
Bromodichloromethane	ND	0.50	"	"	"	"	"	"	
Dibromomethane	ND	0.50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.50	"	"	"	"	"	"	
Tetrachloroethene	**5.2**	0.10	"	"	"	"	"	"	
Dibromochloromethane	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	0.10	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	0.50	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP-4-10 Rep, P919cc (E307074-11) Vapor	**Sampled: 17-Jul-13**	**Received: 17-Jul-13**							
Styrene	ND	0.50	ug/l	0.05	EG31705	17-Jul-13	17-Jul-13	H&P 8260 SV	
Bromoform	ND	0.50	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.50	"	"	"	"	"	"	
n-Propylbenzene	ND	0.50	"	"	"	"	"	"	
Bromobenzene	ND	0.50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.50	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
n-Butylbenzene	ND	0.50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.50	"	"	"	"	"	"	
Naphthalene	ND	0.10	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*113 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*108 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*105 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*123 %*	*75-125*		"	"	"	"	

H&P Mobile
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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP-3-5, P434cc (E307074-12) Vapor Sampled: 17-Jul-13 Received: 17-Jul-13									
1,1-Difluoroethane (LCC)	ND	0.50	ug/l	0.05	EG31705	17-Jul-13	17-Jul-13	H&P 8260 SV	
Dichlorodifluoromethane (F12)	ND	0.50	"	"	"	"	"	"	
Chloromethane	ND	0.50	"	"	"	"	"	"	
Vinyl chloride	ND	0.05	"	"	"	"	"	"	
Bromomethane	ND	0.50	"	"	"	"	"	"	
Chloroethane	ND	0.50	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.50	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.50	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.50	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
Chloroform	ND	0.10	"	"	"	"	"	"	
Bromochloromethane	ND	0.50	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.10	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.10	"	"	"	"	"	"	
Benzene	ND	0.10	"	"	"	"	"	"	
Trichloroethene	**1.9**	0.10	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
Bromodichloromethane	ND	0.50	"	"	"	"	"	"	
Dibromomethane	ND	0.50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.50	"	"	"	"	"	"	
Tetrachloroethene	**4.3**	0.10	"	"	"	"	"	"	
Dibromochloromethane	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	0.10	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	0.50	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP-3-5, P434cc (E307074-12) Vapor Sampled: 17-Jul-13 Received: 17-Jul-13									
Styrene	ND	0.50	ug/l	0.05	EG31705	17-Jul-13	17-Jul-13	H&P 8260 SV	
Bromoform	ND	0.50	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.50	"	"	"	"	"	"	
n-Propylbenzene	ND	0.50	"	"	"	"	"	"	
Bromobenzene	ND	0.50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.50	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
n-Butylbenzene	ND	0.50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.50	"	"	"	"	"	"	
Naphthalene	ND	0.10	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*116 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*107 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*106 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*124 %*	*75-125*		"	"	"	"	

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP-3-10, P869cc (E307074-13) Vapor Sampled: 17-Jul-13 Received: 17-Jul-13									
1,1-Difluoroethane (LCC)	ND	0.50	ug/l	0.05	EG31705	17-Jul-13	17-Jul-13	H&P 8260 SV	
Dichlorodifluoromethane (F12)	ND	0.50	"	"	"	"	"	"	
Chloromethane	ND	0.50	"	"	"	"	"	"	
Vinyl chloride	ND	0.05	"	"	"	"	"	"	
Bromomethane	ND	0.50	"	"	"	"	"	"	
Chloroethane	ND	0.50	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.50	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.50	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.50	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
Chloroform	ND	0.10	"	"	"	"	"	"	
Bromochloromethane	ND	0.50	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.10	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.10	"	"	"	"	"	"	
Benzene	ND	0.10	"	"	"	"	"	"	
Trichloroethene	**13**	0.10	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
Bromodichloromethane	ND	0.50	"	"	"	"	"	"	
Dibromomethane	ND	0.50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.50	"	"	"	"	"	"	
Tetrachloroethene	**5.2**	0.10	"	"	"	"	"	"	
Dibromochloromethane	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	0.10	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	0.50	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP-3-10, P869cc (E307074-13) Vapor Sampled: 17-Jul-13 Received: 17-Jul-13									
Styrene	ND	0.50	ug/l	0.05	EG31705	17-Jul-13	17-Jul-13	H&P 8260 SV	
Bromoform	ND	0.50	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.50	"	"	"	"	"	"	
n-Propylbenzene	ND	0.50	"	"	"	"	"	"	
Bromobenzene	ND	0.50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.50	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
n-Butylbenzene	ND	0.50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.50	"	"	"	"	"	"	
Naphthalene	ND	0.10	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*115 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*107 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*102 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*122 %*	*75-125*		"	"	"	"	

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP-2-5, P434cc (E307074-14) Vapor Sampled: 17-Jul-13 Received: 17-Jul-13									
1,1-Difluoroethane (LCC)	ND	0.50	ug/l	0.05	EG31705	17-Jul-13	17-Jul-13	H&P 8260 SV	
Dichlorodifluoromethane (F12)	ND	0.50	"	"	"	"	"	"	
Chloromethane	ND	0.50	"	"	"	"	"	"	
Vinyl chloride	ND	0.05	"	"	"	"	"	"	
Bromomethane	ND	0.50	"	"	"	"	"	"	
Chloroethane	ND	0.50	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.50	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.50	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.50	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
Chloroform	ND	0.10	"	"	"	"	"	"	
Bromochloromethane	ND	0.50	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.10	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.10	"	"	"	"	"	"	
Benzene	ND	0.10	"	"	"	"	"	"	
Trichloroethene	**2.0**	0.10	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
Bromodichloromethane	ND	0.50	"	"	"	"	"	"	
Dibromomethane	ND	0.50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.50	"	"	"	"	"	"	
Tetrachloroethene	**0.97**	0.10	"	"	"	"	"	"	
Dibromochloromethane	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	0.10	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	0.50	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP-2-5, P434cc (E307074-14) Vapor Sampled: 17-Jul-13 Received: 17-Jul-13									
Styrene	ND	0.50	ug/l	0.05	EG31705	17-Jul-13	17-Jul-13	H&P 8260 SV	
Bromoform	ND	0.50	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.50	"	"	"	"	"	"	
n-Propylbenzene	ND	0.50	"	"	"	"	"	"	
Bromobenzene	ND	0.50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.50	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
n-Butylbenzene	ND	0.50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.50	"	"	"	"	"	"	
Naphthalene	ND	0.10	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*114 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*109 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*106 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*106 %*	*75-125*		"	"	"	"	

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP-2-10, P869cc (E307074-15) Vapor Sampled: 17-Jul-13 Received: 17-Jul-13									
1,1-Difluoroethane (LCC)	ND	0.50	ug/l	0.05	EG31705	17-Jul-13	17-Jul-13	H&P 8260 SV	
Dichlorodifluoromethane (F12)	ND	0.50	"	"	"	"	"	"	
Chloromethane	ND	0.50	"	"	"	"	"	"	
Vinyl chloride	ND	0.05	"	"	"	"	"	"	
Bromomethane	ND	0.50	"	"	"	"	"	"	
Chloroethane	ND	0.50	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.50	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.50	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.50	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**5.6**	0.50	"	"	"	"	"	"	
Chloroform	**0.32**	0.10	"	"	"	"	"	"	
Bromochloromethane	ND	0.50	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.10	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.10	"	"	"	"	"	"	
Benzene	ND	0.10	"	"	"	"	"	"	
Trichloroethene	**140**	0.40	"	0.2	"	"	18-Jul-13	"	
1,2-Dichloropropane	ND	0.50	"	0.05	"	"	17-Jul-13	"	
Bromodichloromethane	ND	0.50	"	"	"	"	"	"	
Dibromomethane	ND	0.50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.50	"	"	"	"	"	"	
Tetrachloroethene	**48**	0.10	"	"	"	"	"	"	
Dibromochloromethane	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	0.10	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	0.50	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	

H&P Mobile
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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP-2-10, P869cc (E307074-15) Vapor Sampled: 17-Jul-13 Received: 17-Jul-13									
Styrene	ND	0.50	ug/l	0.05	EG31705	17-Jul-13	17-Jul-13	H&P 8260 SV	
Bromoform	ND	0.50	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.50	"	"	"	"	"	"	
n-Propylbenzene	ND	0.50	"	"	"	"	"	"	
Bromobenzene	ND	0.50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.50	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
n-Butylbenzene	ND	0.50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.50	"	"	"	"	"	"	
Naphthalene	ND	0.10	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*110 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*107 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*105 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*109 %*	*75-125*		"	"	"	"	

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP-1-5, P434cc (E307074-16) Vapor Sampled: 17-Jul-13 Received: 17-Jul-13									
1,1-Difluoroethane (LCC)	ND	0.50	ug/l	0.05	EG31702	17-Jul-13	17-Jul-13	H&P 8260 SV	
Dichlorodifluoromethane (F12)	ND	0.50	"	"	"	"	"	"	
Chloromethane	ND	0.50	"	"	"	"	"	"	
Vinyl chloride	ND	0.05	"	"	"	"	"	"	
Bromomethane	ND	0.50	"	"	"	"	"	"	
Chloroethane	ND	0.50	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	**0.64**	0.50	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.50	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.50	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.50	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**51**	0.50	"	"	"	"	"	"	
Chloroform	ND	0.10	"	"	"	"	"	"	
Bromochloromethane	ND	0.50	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.10	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.10	"	"	"	"	"	"	
Benzene	ND	0.10	"	"	"	"	"	"	
Trichloroethene	**220**	10	"	5	"	"	18-Jul-13	"	
1,2-Dichloropropane	ND	0.50	"	0.05	"	"	17-Jul-13	"	
Bromodichloromethane	ND	0.50	"	"	"	"	"	"	
Dibromomethane	ND	0.50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.50	"	"	"	"	"	"	
Tetrachloroethene	**990**	10	"	5	"	"	18-Jul-13	"	
Dibromochloromethane	ND	0.50	"	0.05	"	"	17-Jul-13	"	
Chlorobenzene	**0.41**	0.10	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	0.50	"	"	"	"	"	"	

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP-1-5, P434cc (E307074-16) Vapor Sampled: 17-Jul-13 Received: 17-Jul-13									
o-Xylene	ND	0.50	ug/l	0.05	EG31702	17-Jul-13	17-Jul-13	H&P 8260 SV	
Styrene	ND	0.50	"	"	"	"	"	"	
Bromoform	ND	0.50	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.50	"	"	"	"	"	"	
n-Propylbenzene	ND	0.50	"	"	"	"	"	"	
Bromobenzene	ND	0.50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.50	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
n-Butylbenzene	ND	0.50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.50	"	"	"	"	"	"	
Naphthalene	ND	0.10	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*110 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*105 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*107 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*91.1 %*		*75-125*	"	"	"	"	

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18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP-1-10, P869cc (E307078-01) Vapor Sampled: 18-Jul-13 Received: 18-Jul-13									
1,1-Difluoroethane (LCC)	ND	2.0	ug/l	0.2	EG31805	18-Jul-13	18-Jul-13	H&P 8260 SV	
Dichlorodifluoromethane (F12)	ND	2.0	"	"	"	"	"	"	
Chloromethane	ND	2.0	"	"	"	"	"	"	
Vinyl chloride	ND	0.20	"	"	"	"	"	"	
Bromomethane	ND	2.0	"	"	"	"	"	"	
Chloroethane	ND	2.0	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	2.0	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	2.0	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	2.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**45**	2.0	"	"	"	"	"	"	
Chloroform	ND	0.40	"	"	"	"	"	"	
Bromochloromethane	ND	2.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	2.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.40	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.40	"	"	"	"	"	"	
Benzene	**0.51**	0.40	"	"	"	"	"	"	
Trichloroethene	**150**	0.40	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
Bromodichloromethane	ND	2.0	"	"	"	"	"	"	
Dibromomethane	ND	2.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
Toluene	ND	4.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2.0	"	"	"	"	"	"	
Tetrachloroethene	**670**	4.0	"	2	"	"	19-Jul-13	"	
Dibromochloromethane	ND	2.0	"	0.2	"	"	18-Jul-13	"	
Chlorobenzene	ND	0.40	"	"	"	"	"	"	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
m,p-Xylene	ND	2.0	"	"	"	"	"	"	

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18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
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Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP-1-10, P869cc (E307078-01) Vapor Sampled: 18-Jul-13 Received: 18-Jul-13									
o-Xylene	ND	2.0	ug/l	0.2	EG31805	18-Jul-13	18-Jul-13	H&P 8260 SV	
Styrene	ND	2.0	"	"	"	"	"	"	
Bromoform	ND	2.0	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	2.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	2.0	"	"	"	"	"	"	
n-Propylbenzene	ND	2.0	"	"	"	"	"	"	
Bromobenzene	ND	2.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	2.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
n-Butylbenzene	ND	2.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	20	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	0.40	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*107 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*108 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*102 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*106 %*		*75-125*	"	"	"	"	

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-11-10, P324cc (E307078-02) Vapor Sampled: 18-Jul-13 Received: 18-Jul-13									
1,1-Difluoroethane (LCC)	ND	0.10	ug/l	0.01	EG31805	18-Jul-13	18-Jul-13	H&P 8260 SV	
Dichlorodifluoromethane (F12)	ND	0.10	"	"	"	"	"	"	
Chloromethane	ND	0.10	"	"	"	"	"	"	
Vinyl chloride	ND	0.01	"	"	"	"	"	"	
Bromomethane	ND	0.10	"	"	"	"	"	"	
Chloroethane	ND	0.10	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.10	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.10	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.10	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.10	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.10	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.10	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.10	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.10	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.10	"	"	"	"	"	"	
Chloroform	ND	0.02	"	"	"	"	"	"	
Bromochloromethane	ND	0.10	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.10	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.10	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.02	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.02	"	"	"	"	"	"	
Benzene	**0.04**	0.02	"	"	"	"	"	"	
Trichloroethene	**0.99**	0.02	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.10	"	"	"	"	"	"	
Bromodichloromethane	ND	0.10	"	"	"	"	"	"	
Dibromomethane	ND	0.10	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.10	"	"	"	"	"	"	
Toluene	ND	0.20	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.10	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.10	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.10	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.10	"	"	"	"	"	"	
Tetrachloroethene	**1.1**	0.02	"	"	"	"	"	"	
Dibromochloromethane	ND	0.10	"	"	"	"	"	"	
Chlorobenzene	ND	0.02	"	"	"	"	"	"	
Ethylbenzene	ND	0.10	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.10	"	"	"	"	"	"	
m,p-Xylene	ND	0.10	"	"	"	"	"	"	

H&P Mobile
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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-11-10, P324cc (E307078-02) Vapor Sampled: 18-Jul-13 Received: 18-Jul-13									
o-Xylene	ND	0.10	ug/l	0.01	EG31805	18-Jul-13	18-Jul-13	H&P 8260 SV	
Styrene	ND	0.10	"	"	"	"	"	"	
Bromoform	ND	0.10	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.10	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.10	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.10	"	"	"	"	"	"	
n-Propylbenzene	ND	0.10	"	"	"	"	"	"	
Bromobenzene	ND	0.10	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.10	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.10	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.10	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.10	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.10	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.10	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.10	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.10	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.10	"	"	"	"	"	"	
n-Butylbenzene	ND	0.10	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.10	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.10	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.10	"	"	"	"	"	"	
Naphthalene	**0.03**	0.02	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.10	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*104 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*101 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*104 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*108 %*		*75-125*	"	"	"	"	

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-11-10 Rep, P424cc (E307078-03) Vapor	**Sampled: 18-Jul-13**	**Received: 18-Jul-13**							
1,1-Difluoroethane (LCC)	ND	0.10	ug/l	0.01	EG31805	18-Jul-13	18-Jul-13	H&P 8260 SV	
Dichlorodifluoromethane (F12)	ND	0.10	"	"	"	"	"	"	
Chloromethane	ND	0.10	"	"	"	"	"	"	
Vinyl chloride	ND	0.01	"	"	"	"	"	"	
Bromomethane	ND	0.10	"	"	"	"	"	"	
Chloroethane	ND	0.10	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.10	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.10	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.10	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.10	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.10	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.10	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.10	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.10	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.10	"	"	"	"	"	"	
Chloroform	ND	0.02	"	"	"	"	"	"	
Bromochloromethane	ND	0.10	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.10	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.10	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.02	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.02	"	"	"	"	"	"	
Benzene	**0.04**	0.02	"	"	"	"	"	"	
Trichloroethene	**0.81**	0.02	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.10	"	"	"	"	"	"	
Bromodichloromethane	ND	0.10	"	"	"	"	"	"	
Dibromomethane	ND	0.10	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.10	"	"	"	"	"	"	
Toluene	ND	0.20	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.10	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.10	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.10	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.10	"	"	"	"	"	"	
Tetrachloroethene	**0.79**	0.02	"	"	"	"	"	"	
Dibromochloromethane	ND	0.10	"	"	"	"	"	"	
Chlorobenzene	ND	0.02	"	"	"	"	"	"	
Ethylbenzene	ND	0.10	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.10	"	"	"	"	"	"	
m,p-Xylene	ND	0.10	"	"	"	"	"	"	

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-11-10 Rep, P424cc (E307078-03) Vapor	**Sampled: 18-Jul-13**	**Received: 18-Jul-13**							
o-Xylene	ND	0.10	ug/l	0.01	EG31805	18-Jul-13	18-Jul-13	H&P 8260 SV	
Styrene	ND	0.10	"	"	"	"	"	"	
Bromoform	ND	0.10	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.10	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.10	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.10	"	"	"	"	"	"	
n-Propylbenzene	ND	0.10	"	"	"	"	"	"	
Bromobenzene	ND	0.10	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.10	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.10	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.10	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.10	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.10	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.10	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.10	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.10	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.10	"	"	"	"	"	"	
n-Butylbenzene	ND	0.10	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.10	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.10	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.10	"	"	"	"	"	"	
Naphthalene	**0.02**	0.02	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.10	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*108 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*102 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*105 %*	*75-125*		"	"	"	"	

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-10-5, P709cc (E307078-04) Vapor Sampled: 18-Jul-13 Received: 18-Jul-13									
1,1-Difluoroethane (LCC)	ND	0.10	ug/l	0.01	EG31805	18-Jul-13	18-Jul-13	H&P 8260 SV	
Dichlorodifluoromethane (F12)	ND	0.10	"	"	"	"	"	"	
Chloromethane	ND	0.10	"	"	"	"	"	"	
Vinyl chloride	ND	0.01	"	"	"	"	"	"	
Bromomethane	ND	0.10	"	"	"	"	"	"	
Chloroethane	ND	0.10	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.10	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.10	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.10	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.10	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.10	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.10	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.10	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.10	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.10	"	"	"	"	"	"	
Chloroform	ND	0.02	"	"	"	"	"	"	
Bromochloromethane	ND	0.10	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.10	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.10	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.02	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.02	"	"	"	"	"	"	
Benzene	**0.03**	0.02	"	"	"	"	"	"	
Trichloroethene	ND	0.02	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.10	"	"	"	"	"	"	
Bromodichloromethane	ND	0.10	"	"	"	"	"	"	
Dibromomethane	ND	0.10	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.10	"	"	"	"	"	"	
Toluene	ND	0.20	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.10	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.10	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.10	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.10	"	"	"	"	"	"	
Tetrachloroethene	**0.07**	0.02	"	"	"	"	"	"	
Dibromochloromethane	ND	0.10	"	"	"	"	"	"	
Chlorobenzene	ND	0.02	"	"	"	"	"	"	
Ethylbenzene	ND	0.10	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.10	"	"	"	"	"	"	
m,p-Xylene	ND	0.10	"	"	"	"	"	"	

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-10-5, P709cc (E307078-04) Vapor Sampled: 18-Jul-13 Received: 18-Jul-13									
o-Xylene	ND	0.10	ug/l	0.01	EG31805	18-Jul-13	18-Jul-13	H&P 8260 SV	
Styrene	ND	0.10	"	"	"	"	"	"	
Bromoform	ND	0.10	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.10	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.10	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.10	"	"	"	"	"	"	
n-Propylbenzene	ND	0.10	"	"	"	"	"	"	
Bromobenzene	ND	0.10	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.10	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.10	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.10	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.10	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.10	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.10	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.10	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.10	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.10	"	"	"	"	"	"	
n-Butylbenzene	ND	0.10	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.10	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.10	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.10	"	"	"	"	"	"	
Naphthalene	**0.02**	0.02	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.10	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*97.2 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*93.6 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*106 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*107 %*		*75-125*	"	"	"	"	

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-10-10, P714cc (E307078-05) Vapor Sampled: 18-Jul-13 Received: 18-Jul-13									
1,1-Difluoroethane (LCC)	ND	0.10	ug/l	0.01	EG31805	18-Jul-13	18-Jul-13	H&P 8260 SV	
Dichlorodifluoromethane (F12)	ND	0.10	"	"	"	"	"	"	
Chloromethane	ND	0.10	"	"	"	"	"	"	
Vinyl chloride	ND	0.01	"	"	"	"	"	"	
Bromomethane	ND	0.10	"	"	"	"	"	"	
Chloroethane	ND	0.10	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.10	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.10	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.10	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.10	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.10	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.10	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.10	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.10	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.10	"	"	"	"	"	"	
Chloroform	ND	0.02	"	"	"	"	"	"	
Bromochloromethane	ND	0.10	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.10	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.10	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.02	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.02	"	"	"	"	"	"	
Benzene	**0.03**	0.02	"	"	"	"	"	"	
Trichloroethene	ND	0.02	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.10	"	"	"	"	"	"	
Bromodichloromethane	ND	0.10	"	"	"	"	"	"	
Dibromomethane	ND	0.10	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.10	"	"	"	"	"	"	
Toluene	ND	0.20	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.10	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.10	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.10	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.10	"	"	"	"	"	"	
Tetrachloroethene	**0.03**	0.02	"	"	"	"	"	"	
Dibromochloromethane	ND	0.10	"	"	"	"	"	"	
Chlorobenzene	ND	0.02	"	"	"	"	"	"	
Ethylbenzene	ND	0.10	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.10	"	"	"	"	"	"	
m,p-Xylene	ND	0.10	"	"	"	"	"	"	

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-10-10, P714cc (E307078-05) Vapor Sampled: 18-Jul-13 Received: 18-Jul-13									
o-Xylene	ND	0.10	ug/l	0.01	EG31805	18-Jul-13	18-Jul-13	H&P 8260 SV	
Styrene	ND	0.10	"	"	"	"	"	"	
Bromoform	ND	0.10	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.10	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.10	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.10	"	"	"	"	"	"	
n-Propylbenzene	ND	0.10	"	"	"	"	"	"	
Bromobenzene	ND	0.10	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.10	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.10	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.10	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.10	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.10	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.10	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.10	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.10	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.10	"	"	"	"	"	"	
n-Butylbenzene	ND	0.10	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.10	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.10	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.10	"	"	"	"	"	"	
Naphthalene	**0.02**	0.02	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.10	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*97.6 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*95.0 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*106 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*106 %*		*75-125*	"	"	"	"	

H&P Mobile
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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP-9-5, P434cc (E307078-06) Vapor Sampled: 18-Jul-13 Received: 18-Jul-13									
1,1-Difluoroethane (LCC)	ND	0.50	ug/l	0.05	EG31808	18-Jul-13	18-Jul-13	H&P 8260 SV	
Dichlorodifluoromethane (F12)	ND	0.50	"	"	"	"	"	"	
Chloromethane	ND	0.50	"	"	"	"	"	"	
Vinyl chloride	ND	0.05	"	"	"	"	"	"	
Bromomethane	ND	0.50	"	"	"	"	"	"	
Chloroethane	ND	0.50	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.50	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.50	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.50	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
Chloroform	ND	0.10	"	"	"	"	"	"	
Bromochloromethane	ND	0.50	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.10	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.10	"	"	"	"	"	"	
Benzene	**0.12**	0.10	"	"	"	"	"	"	
Trichloroethene	**37**	0.10	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
Bromodichloromethane	ND	0.50	"	"	"	"	"	"	
Dibromomethane	ND	0.50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.50	"	"	"	"	"	"	
Tetrachloroethene	**7.8**	0.10	"	"	"	"	"	"	
Dibromochloromethane	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	0.10	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	0.50	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP-9-5, P434cc (E307078-06) Vapor Sampled: 18-Jul-13 Received: 18-Jul-13									
Styrene	ND	0.50	ug/l	0.05	EG31808	18-Jul-13	18-Jul-13	H&P 8260 SV	
Bromoform	ND	0.50	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.50	"	"	"	"	"	"	
n-Propylbenzene	ND	0.50	"	"	"	"	"	"	
Bromobenzene	ND	0.50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.50	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
n-Butylbenzene	ND	0.50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.50	"	"	"	"	"	"	
Naphthalene	**0.12**	0.10	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*108 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*107 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*104 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*111 %*	*75-125*		"	"	"	"	

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP-9-5 Rep, P484cc (E307078-07) Vapor	**Sampled: 18-Jul-13**	**Received: 18-Jul-13**							
1,1-Difluoroethane (LCC)	ND	0.50	ug/l	0.05	EG31808	18-Jul-13	18-Jul-13	H&P 8260 SV	
Dichlorodifluoromethane (F12)	ND	0.50	"	"	"	"	"	"	
Chloromethane	ND	0.50	"	"	"	"	"	"	
Vinyl chloride	ND	0.05	"	"	"	"	"	"	
Bromomethane	ND	0.50	"	"	"	"	"	"	
Chloroethane	ND	0.50	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.50	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.50	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.50	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
Chloroform	ND	0.10	"	"	"	"	"	"	
Bromochloromethane	ND	0.50	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.10	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.10	"	"	"	"	"	"	
Benzene	**0.12**	0.10	"	"	"	"	"	"	
Trichloroethene	**46**	0.10	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
Bromodichloromethane	ND	0.50	"	"	"	"	"	"	
Dibromomethane	ND	0.50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.50	"	"	"	"	"	"	
Tetrachloroethene	**10**	0.10	"	"	"	"	"	"	
Dibromochloromethane	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	0.10	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	0.50	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP-9-5 Rep, P484cc (E307078-07) Vapor	**Sampled: 18-Jul-13**	**Received: 18-Jul-13**							
Styrene	ND	0.50	ug/l	0.05	EG31808	18-Jul-13	18-Jul-13	H&P 8260 SV	
Bromoform	ND	0.50	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.50	"	"	"	"	"	"	
n-Propylbenzene	ND	0.50	"	"	"	"	"	"	
Bromobenzene	ND	0.50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.50	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
n-Butylbenzene	ND	0.50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.50	"	"	"	"	"	"	
Naphthalene	**0.10**	0.10	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*104 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*106 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*106 %*	*75-125*		"	"	"	"	

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP-9-10, P869cc (E307078-08) Vapor Sampled: 18-Jul-13 Received: 18-Jul-13									
1,1-Difluoroethane (LCC)	ND	0.50	ug/l	0.05	EG31808	18-Jul-13	18-Jul-13	H&P 8260 SV	
Dichlorodifluoromethane (F12)	ND	0.50	"	"	"	"	"	"	
Chloromethane	ND	0.50	"	"	"	"	"	"	
Vinyl chloride	ND	0.05	"	"	"	"	"	"	
Bromomethane	ND	0.50	"	"	"	"	"	"	
Chloroethane	ND	0.50	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.50	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.50	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.50	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
Chloroform	ND	0.10	"	"	"	"	"	"	
Bromochloromethane	ND	0.50	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.10	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.10	"	"	"	"	"	"	
Benzene	ND	0.10	"	"	"	"	"	"	
Trichloroethene	**6.0**	0.10	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
Bromodichloromethane	ND	0.50	"	"	"	"	"	"	
Dibromomethane	ND	0.50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.50	"	"	"	"	"	"	
Tetrachloroethene	**1.1**	0.10	"	"	"	"	"	"	
Dibromochloromethane	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	0.10	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	0.50	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP-9-10, P869cc (E307078-08) Vapor Sampled: 18-Jul-13 Received: 18-Jul-13									
Styrene	ND	0.50	ug/l	0.05	EG31808	18-Jul-13	18-Jul-13	H&P 8260 SV	
Bromoform	ND	0.50	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.50	"	"	"	"	"	"	
n-Propylbenzene	ND	0.50	"	"	"	"	"	"	
Bromobenzene	ND	0.50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.50	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
n-Butylbenzene	ND	0.50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.50	"	"	"	"	"	"	
Naphthalene	ND	0.10	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*106 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*104 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*104 %*	*75-125*		"	"	"	"	

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-8-6, P320cc (E307078-09) Vapor Sampled: 18-Jul-13 Received: 18-Jul-13									
1,1-Difluoroethane (LCC)	ND	0.10	ug/l	0.01	EG31805	18-Jul-13	18-Jul-13	H&P 8260 SV	
Dichlorodifluoromethane (F12)	ND	0.10	"	"	"	"	"	"	
Chloromethane	ND	0.10	"	"	"	"	"	"	
Vinyl chloride	ND	0.01	"	"	"	"	"	"	
Bromomethane	ND	0.10	"	"	"	"	"	"	
Chloroethane	ND	0.10	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.10	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.10	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.10	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.10	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.10	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.10	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.10	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.10	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.10	"	"	"	"	"	"	
Chloroform	ND	0.02	"	"	"	"	"	"	
Bromochloromethane	ND	0.10	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.10	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.10	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.02	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.02	"	"	"	"	"	"	
Benzene	ND	0.02	"	"	"	"	"	"	
Trichloroethene	**0.04**	0.02	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.10	"	"	"	"	"	"	
Bromodichloromethane	ND	0.10	"	"	"	"	"	"	
Dibromomethane	ND	0.10	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.10	"	"	"	"	"	"	
Toluene	ND	0.20	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.10	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.10	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.10	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.10	"	"	"	"	"	"	
Tetrachloroethene	ND	0.02	"	"	"	"	"	"	
Dibromochloromethane	ND	0.10	"	"	"	"	"	"	
Chlorobenzene	ND	0.02	"	"	"	"	"	"	
Ethylbenzene	ND	0.10	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.10	"	"	"	"	"	"	
m,p-Xylene	ND	0.10	"	"	"	"	"	"	

H&P Mobile
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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-8-6, P320cc (E307078-09) Vapor Sampled: 18-Jul-13 Received: 18-Jul-13									
o-Xylene	ND	0.10	ug/l	0.01	EG31805	18-Jul-13	18-Jul-13	H&P 8260 SV	
Styrene	ND	0.10	"	"	"	"	"	"	
Bromoform	ND	0.10	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.10	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.10	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.10	"	"	"	"	"	"	
n-Propylbenzene	ND	0.10	"	"	"	"	"	"	
Bromobenzene	ND	0.10	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.10	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.10	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.10	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.10	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.10	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.10	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.10	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.10	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.10	"	"	"	"	"	"	
n-Butylbenzene	ND	0.10	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.10	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.10	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.10	"	"	"	"	"	"	
Naphthalene	**0.02**	0.02	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.10	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*108 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*102 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*104 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*105 %*		*75-125*	"	"	"	"	

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-8-10, P323cc (E307078-10) Vapor Sampled: 18-Jul-13 Received: 18-Jul-13									
1,1-Difluoroethane (LCC)	ND	0.10	ug/l	0.01	EG31805	18-Jul-13	18-Jul-13	H&P 8260 SV	
Dichlorodifluoromethane (F12)	ND	0.10	"	"	"	"	"	"	
Chloromethane	ND	0.10	"	"	"	"	"	"	
Vinyl chloride	ND	0.01	"	"	"	"	"	"	
Bromomethane	ND	0.10	"	"	"	"	"	"	
Chloroethane	ND	0.10	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.10	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.10	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.10	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.10	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.10	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.10	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.10	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.10	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.10	"	"	"	"	"	"	
Chloroform	ND	0.02	"	"	"	"	"	"	
Bromochloromethane	ND	0.10	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.10	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.10	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.02	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.02	"	"	"	"	"	"	
Benzene	ND	0.02	"	"	"	"	"	"	
Trichloroethene	ND	0.02	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.10	"	"	"	"	"	"	
Bromodichloromethane	ND	0.10	"	"	"	"	"	"	
Dibromomethane	ND	0.10	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.10	"	"	"	"	"	"	
Toluene	ND	0.20	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.10	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.10	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.10	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.10	"	"	"	"	"	"	
Tetrachloroethene	ND	0.02	"	"	"	"	"	"	
Dibromochloromethane	ND	0.10	"	"	"	"	"	"	
Chlorobenzene	ND	0.02	"	"	"	"	"	"	
Ethylbenzene	ND	0.10	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.10	"	"	"	"	"	"	
m,p-Xylene	ND	0.10	"	"	"	"	"	"	

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-8-10, P323cc (E307078-10) Vapor Sampled: 18-Jul-13 Received: 18-Jul-13									
o-Xylene	ND	0.10	ug/l	0.01	EG31805	18-Jul-13	18-Jul-13	H&P 8260 SV	
Styrene	ND	0.10	"	"	"	"	"	"	
Bromoform	ND	0.10	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.10	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.10	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.10	"	"	"	"	"	"	
n-Propylbenzene	ND	0.10	"	"	"	"	"	"	
Bromobenzene	ND	0.10	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.10	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.10	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.10	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.10	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.10	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.10	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.10	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.10	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.10	"	"	"	"	"	"	
n-Butylbenzene	ND	0.10	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.10	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.10	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.10	"	"	"	"	"	"	
Naphthalene	ND	0.02	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.10	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*102 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*98.1 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*104 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*105 %*		*75-125*	"	"	"	"	

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP-8-5, P434cc (E307078-11) Vapor Sampled: 18-Jul-13 Received: 18-Jul-13									
1,1-Difluoroethane (LCC)	ND	0.50	ug/l	0.05	EG31808	18-Jul-13	18-Jul-13	H&P 8260 SV	
Dichlorodifluoromethane (F12)	ND	0.50	"	"	"	"	"	"	
Chloromethane	ND	0.50	"	"	"	"	"	"	
Vinyl chloride	ND	0.05	"	"	"	"	"	"	
Bromomethane	ND	0.50	"	"	"	"	"	"	
Chloroethane	ND	0.50	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.50	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.50	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.50	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
Chloroform	ND	0.10	"	"	"	"	"	"	
Bromochloromethane	ND	0.50	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.10	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.10	"	"	"	"	"	"	
Benzene	ND	0.10	"	"	"	"	"	"	
Trichloroethene	**5.6**	0.10	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
Bromodichloromethane	ND	0.50	"	"	"	"	"	"	
Dibromomethane	ND	0.50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.50	"	"	"	"	"	"	
Tetrachloroethene	**1.0**	0.10	"	"	"	"	"	"	
Dibromochloromethane	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	0.10	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	0.50	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP-8-5, P434cc (E307078-11) Vapor Sampled: 18-Jul-13 Received: 18-Jul-13									
Styrene	ND	0.50	ug/l	0.05	EG31808	18-Jul-13	18-Jul-13	H&P 8260 SV	
Bromoform	ND	0.50	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.50	"	"	"	"	"	"	
n-Propylbenzene	ND	0.50	"	"	"	"	"	"	
Bromobenzene	ND	0.50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.50	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
n-Butylbenzene	ND	0.50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.50	"	"	"	"	"	"	
Naphthalene	ND	0.10	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*111 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*104 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*102 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*104 %*		*75-125*	"	"	"	"	

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP-8-10, P869cc (E307078-12) Vapor Sampled: 18-Jul-13 Received: 18-Jul-13									
1,1-Difluoroethane (LCC)	ND	0.50	ug/l	0.05	EG31808	18-Jul-13	18-Jul-13	H&P 8260 SV	
Dichlorodifluoromethane (F12)	ND	0.50	"	"	"	"	"	"	
Chloromethane	ND	0.50	"	"	"	"	"	"	
Vinyl chloride	ND	0.05	"	"	"	"	"	"	
Bromomethane	ND	0.50	"	"	"	"	"	"	
Chloroethane	ND	0.50	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.50	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.50	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.50	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
Chloroform	ND	0.10	"	"	"	"	"	"	
Bromochloromethane	ND	0.50	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.10	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.10	"	"	"	"	"	"	
Benzene	ND	0.10	"	"	"	"	"	"	
Trichloroethene	**8.6**	0.10	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
Bromodichloromethane	ND	0.50	"	"	"	"	"	"	
Dibromomethane	ND	0.50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.50	"	"	"	"	"	"	
Tetrachloroethene	**1.3**	0.10	"	"	"	"	"	"	
Dibromochloromethane	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	0.10	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	0.50	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	

H&P Mobile
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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP-8-10, P869cc (E307078-12) Vapor Sampled: 18-Jul-13 Received: 18-Jul-13									
Styrene	ND	0.50	ug/l	0.05	EG31808	18-Jul-13	18-Jul-13	H&P 8260 SV	
Bromoform	ND	0.50	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.50	"	"	"	"	"	"	
n-Propylbenzene	ND	0.50	"	"	"	"	"	"	
Bromobenzene	ND	0.50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.50	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
n-Butylbenzene	ND	0.50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.50	"	"	"	"	"	"	
Naphthalene	ND	0.10	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*108 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*103 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*102 %*	*75-125*		"	"	"	"	

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-11-5, P319cc (E307085-01) Vapor Sampled: 19-Jul-13 Received: 19-Jul-13									
1,1-Difluoroethane (LCC)	**0.13**	0.10	ug/l	0.01	EG31904	19-Jul-13	19-Jul-13	H&P 8260 SV	
Dichlorodifluoromethane (F12)	ND	0.10	"	"	"	"	"	"	
Chloromethane	ND	0.10	"	"	"	"	"	"	
Vinyl chloride	**0.01**	0.01	"	"	"	"	"	"	
Bromomethane	ND	0.10	"	"	"	"	"	"	
Chloroethane	ND	0.10	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.10	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.10	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.10	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.10	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.10	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.10	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.10	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.10	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**0.11**	0.10	"	"	"	"	"	"	
Chloroform	ND	0.02	"	"	"	"	"	"	
Bromochloromethane	ND	0.10	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.10	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.10	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.02	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.02	"	"	"	"	"	"	
Benzene	**0.07**	0.02	"	"	"	"	"	"	
Trichloroethene	ND	0.02	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.10	"	"	"	"	"	"	
Bromodichloromethane	ND	0.10	"	"	"	"	"	"	
Dibromomethane	ND	0.10	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.10	"	"	"	"	"	"	
Toluene	ND	0.20	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.10	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.10	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.10	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.10	"	"	"	"	"	"	
Tetrachloroethene	**0.08**	0.02	"	"	"	"	"	"	
Dibromochloromethane	ND	0.10	"	"	"	"	"	"	
Chlorobenzene	ND	0.02	"	"	"	"	"	"	
Ethylbenzene	ND	0.10	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.10	"	"	"	"	"	"	
m,p-Xylene	ND	0.10	"	"	"	"	"	"	

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-11-5, P319cc (E307085-01) Vapor Sampled: 19-Jul-13 Received: 19-Jul-13									
o-Xylene	ND	0.10	ug/l	0.01	EG31904	19-Jul-13	19-Jul-13	H&P 8260 SV	
Styrene	ND	0.10	"	"	"	"	"	"	
Bromoform	ND	0.10	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.10	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.10	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.10	"	"	"	"	"	"	
n-Propylbenzene	ND	0.10	"	"	"	"	"	"	
Bromobenzene	ND	0.10	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.10	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.10	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.10	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.10	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.10	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.10	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.10	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.10	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.10	"	"	"	"	"	"	
n-Butylbenzene	ND	0.10	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.10	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.10	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.10	"	"	"	"	"	"	
Naphthalene	ND	0.02	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.10	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*103 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*98.5 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*102 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*104 %*		*75-125*	"	"	"	"	

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP-6-4, P347cc (E307085-02) Vapor Sampled: 19-Jul-13 Received: 19-Jul-13									
1,1-Difluoroethane (LCC)	ND	0.50	ug/l	0.05	EG31905	19-Jul-13	19-Jul-13	H&P 8260 SV	
Dichlorodifluoromethane (F12)	ND	0.50	"	"	"	"	"	"	
Chloromethane	ND	0.50	"	"	"	"	"	"	
Vinyl chloride	ND	0.05	"	"	"	"	"	"	
Bromomethane	ND	0.50	"	"	"	"	"	"	
Chloroethane	ND	0.50	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.50	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.50	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.50	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
Chloroform	ND	0.10	"	"	"	"	"	"	
Bromochloromethane	ND	0.50	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.10	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.10	"	"	"	"	"	"	
Benzene	ND	0.10	"	"	"	"	"	"	
Trichloroethene	**10**	0.10	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
Bromodichloromethane	ND	0.50	"	"	"	"	"	"	
Dibromomethane	ND	0.50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.50	"	"	"	"	"	"	
Tetrachloroethene	**1.7**	0.10	"	"	"	"	"	"	
Dibromochloromethane	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	0.10	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	0.50	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	

H&P Mobile
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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP-6-4, P347cc (E307085-02) Vapor Sampled: 19-Jul-13 Received: 19-Jul-13									
Styrene	ND	0.50	ug/l	0.05	EG31905	19-Jul-13	19-Jul-13	H&P 8260 SV	
Bromoform	ND	0.50	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.50	"	"	"	"	"	"	
n-Propylbenzene	ND	0.50	"	"	"	"	"	"	
Bromobenzene	ND	0.50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.50	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
n-Butylbenzene	ND	0.50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.50	"	"	"	"	"	"	
Naphthalene	ND	0.10	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*110 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*107 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*103 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*105 %*	*75-125*		"	"	"	"	

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP-6-4 Rep, P397cc (E307085-03) Vapor	**Sampled: 19-Jul-13**	**Received: 19-Jul-13**							
1,1-Difluoroethane (LCC)	ND	0.50	ug/l	0.05	EG31905	19-Jul-13	19-Jul-13	H&P 8260 SV	
Dichlorodifluoromethane (F12)	ND	0.50	"	"	"	"	"	"	
Chloromethane	ND	0.50	"	"	"	"	"	"	
Vinyl chloride	ND	0.05	"	"	"	"	"	"	
Bromomethane	ND	0.50	"	"	"	"	"	"	
Chloroethane	ND	0.50	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.50	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.50	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.50	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
Chloroform	ND	0.10	"	"	"	"	"	"	
Bromochloromethane	ND	0.50	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.10	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.10	"	"	"	"	"	"	
Benzene	ND	0.10	"	"	"	"	"	"	
Trichloroethene	**10**	0.10	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
Bromodichloromethane	ND	0.50	"	"	"	"	"	"	
Dibromomethane	ND	0.50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.50	"	"	"	"	"	"	
Tetrachloroethene	**1.7**	0.10	"	"	"	"	"	"	
Dibromochloromethane	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	0.10	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	0.50	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP-6-4 Rep, P397cc (E307085-03) Vapor	**Sampled: 19-Jul-13**	**Received: 19-Jul-13**							
Styrene	ND	0.50	ug/l	0.05	EG31905	19-Jul-13	19-Jul-13	H&P 8260 SV	
Bromoform	ND	0.50	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.50	"	"	"	"	"	"	
n-Propylbenzene	ND	0.50	"	"	"	"	"	"	
Bromobenzene	ND	0.50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.50	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
n-Butylbenzene	ND	0.50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.50	"	"	"	"	"	"	
Naphthalene	ND	0.10	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*105 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*97.5 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*103 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*105 %*	*75-125*		"	"	"	"	

H&P Mobile
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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP-7-4, P347cc (E307085-04) Vapor Sampled: 19-Jul-13 Received: 19-Jul-13									
1,1-Difluoroethane (LCC)	ND	0.50	ug/l	0.05	EG31905	19-Jul-13	19-Jul-13	H&P 8260 SV	
Dichlorodifluoromethane (F12)	ND	0.50	"	"	"	"	"	"	
Chloromethane	ND	0.50	"	"	"	"	"	"	
Vinyl chloride	ND	0.05	"	"	"	"	"	"	
Bromomethane	ND	0.50	"	"	"	"	"	"	
Chloroethane	ND	0.50	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.50	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.50	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.50	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
Chloroform	ND	0.10	"	"	"	"	"	"	
Bromochloromethane	ND	0.50	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.10	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.10	"	"	"	"	"	"	
Benzene	ND	0.10	"	"	"	"	"	"	
Trichloroethene	**22**	0.10	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
Bromodichloromethane	ND	0.50	"	"	"	"	"	"	
Dibromomethane	ND	0.50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.50	"	"	"	"	"	"	
Tetrachloroethene	**4.3**	0.10	"	"	"	"	"	"	
Dibromochloromethane	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	0.10	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	0.50	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP-7-4, P347cc (E307085-04) Vapor Sampled: 19-Jul-13 Received: 19-Jul-13									
Styrene	ND	0.50	ug/l	0.05	EG31905	19-Jul-13	19-Jul-13	H&P 8260 SV	
Bromoform	ND	0.50	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.50	"	"	"	"	"	"	
n-Propylbenzene	ND	0.50	"	"	"	"	"	"	
Bromobenzene	ND	0.50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.50	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
n-Butylbenzene	ND	0.50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.50	"	"	"	"	"	"	
Naphthalene	ND	0.10	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*107 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*98.6 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*103 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*105 %*	*75-125*		"	"	"	"	

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP-7-10, P869cc (E307085-05) Vapor Sampled: 19-Jul-13 Received: 19-Jul-13									
1,1-Difluoroethane (LCC)	ND	0.50	ug/l	0.05	EG31905	19-Jul-13	19-Jul-13	H&P 8260 SV	
Dichlorodifluoromethane (F12)	ND	0.50	"	"	"	"	"	"	
Chloromethane	ND	0.50	"	"	"	"	"	"	
Vinyl chloride	ND	0.05	"	"	"	"	"	"	
Bromomethane	ND	0.50	"	"	"	"	"	"	
Chloroethane	ND	0.50	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.50	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.50	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.50	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
Chloroform	ND	0.10	"	"	"	"	"	"	
Bromochloromethane	ND	0.50	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.10	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.10	"	"	"	"	"	"	
Benzene	ND	0.10	"	"	"	"	"	"	
Trichloroethene	**36**	0.10	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
Bromodichloromethane	ND	0.50	"	"	"	"	"	"	
Dibromomethane	ND	0.50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.50	"	"	"	"	"	"	
Tetrachloroethene	**6.2**	0.10	"	"	"	"	"	"	
Dibromochloromethane	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	0.10	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	0.50	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP-7-10, P869cc (E307085-05) Vapor Sampled: 19-Jul-13 Received: 19-Jul-13									
Styrene	ND	0.50	ug/l	0.05	EG31905	19-Jul-13	19-Jul-13	H&P 8260 SV	
Bromoform	ND	0.50	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.50	"	"	"	"	"	"	
n-Propylbenzene	ND	0.50	"	"	"	"	"	"	
Bromobenzene	ND	0.50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.50	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
n-Butylbenzene	ND	0.50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.50	"	"	"	"	"	"	
Naphthalene	ND	0.10	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*109 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*101 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*104 %*	*75-125*		"	"	"	"	

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP-6-10, P869cc (E307085-06) Vapor Sampled: 19-Jul-13 Received: 19-Jul-13									
1,1-Difluoroethane (LCC)	ND	0.50	ug/l	0.05	EG31905	19-Jul-13	19-Jul-13	H&P 8260 SV	
Dichlorodifluoromethane (F12)	ND	0.50	"	"	"	"	"	"	
Chloromethane	ND	0.50	"	"	"	"	"	"	
Vinyl chloride	ND	0.05	"	"	"	"	"	"	
Bromomethane	ND	0.50	"	"	"	"	"	"	
Chloroethane	ND	0.50	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.50	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.50	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.50	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
Chloroform	ND	0.10	"	"	"	"	"	"	
Bromochloromethane	ND	0.50	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.10	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.10	"	"	"	"	"	"	
Benzene	ND	0.10	"	"	"	"	"	"	
Trichloroethene	**13**	0.10	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
Bromodichloromethane	ND	0.50	"	"	"	"	"	"	
Dibromomethane	ND	0.50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.50	"	"	"	"	"	"	
Tetrachloroethene	**2.1**	0.10	"	"	"	"	"	"	
Dibromochloromethane	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	0.10	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	0.50	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP-6-10, P869cc (E307085-06) Vapor Sampled: 19-Jul-13 Received: 19-Jul-13									
Styrene	ND	0.50	ug/l	0.05	EG31905	19-Jul-13	19-Jul-13	H&P 8260 SV	
Bromoform	ND	0.50	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.50	"	"	"	"	"	"	
n-Propylbenzene	ND	0.50	"	"	"	"	"	"	
Bromobenzene	ND	0.50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.50	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
n-Butylbenzene	ND	0.50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.50	"	"	"	"	"	"	
Naphthalene	ND	0.10	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*102 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*97.9 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*102 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*104 %*	*75-125*		"	"	"	"	

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-7-40, P743cc (E307085-07) Vapor Sampled: 19-Jul-13 Received: 19-Jul-13									
1,1-Difluoroethane (LCC)	ND	20	ug/l	2	EG31904	19-Jul-13	19-Jul-13	H&P 8260 SV	
Dichlorodifluoromethane (F12)	ND	20	"	"	"	"	"	"	
Chloromethane	ND	20	"	"	"	"	"	"	
Vinyl chloride	ND	2.0	"	"	"	"	"	"	
Bromomethane	ND	20	"	"	"	"	"	"	
Chloroethane	ND	20	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	20	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	20	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	20	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	20	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	20	"	"	"	"	"	"	
1,1-Dichloroethane	ND	20	"	"	"	"	"	"	
2,2-Dichloropropane	ND	20	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	20	"	"	"	"	"	"	
Chloroform	ND	4.0	"	"	"	"	"	"	
Bromochloromethane	ND	20	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	20	"	"	"	"	"	"	
1,1-Dichloropropene	ND	20	"	"	"	"	"	"	
Carbon tetrachloride	ND	4.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	4.0	"	"	"	"	"	"	
Benzene	ND	4.0	"	"	"	"	"	"	
Trichloroethene	**200**	4.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	20	"	"	"	"	"	"	
Bromodichloromethane	ND	20	"	"	"	"	"	"	
Dibromomethane	ND	20	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	20	"	"	"	"	"	"	
Toluene	ND	40	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	20	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	20	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	20	"	"	"	"	"	"	
1,3-Dichloropropane	ND	20	"	"	"	"	"	"	
Tetrachloroethene	**72**	4.0	"	"	"	"	"	"	
Dibromochloromethane	ND	20	"	"	"	"	"	"	
Chlorobenzene	ND	4.0	"	"	"	"	"	"	
Ethylbenzene	ND	20	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	20	"	"	"	"	"	"	
m,p-Xylene	ND	20	"	"	"	"	"	"	

H&P Mobile
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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-7-40, P743cc (E307085-07) Vapor Sampled: 19-Jul-13 Received: 19-Jul-13									
o-Xylene	ND	20	ug/l	2	EG31904	19-Jul-13	19-Jul-13	H&P 8260 SV	
Styrene	ND	20	"	"	"	"	"	"	
Bromoform	ND	20	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	20	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	20	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	20	"	"	"	"	"	"	
n-Propylbenzene	ND	20	"	"	"	"	"	"	
Bromobenzene	ND	20	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	20	"	"	"	"	"	"	
2-Chlorotoluene	ND	20	"	"	"	"	"	"	
4-Chlorotoluene	ND	20	"	"	"	"	"	"	
tert-Butylbenzene	ND	20	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	20	"	"	"	"	"	"	
sec-Butylbenzene	ND	20	"	"	"	"	"	"	
p-Isopropyltoluene	ND	20	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	20	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	20	"	"	"	"	"	"	
n-Butylbenzene	ND	20	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	20	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	200	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	20	"	"	"	"	"	"	
Hexachlorobutadiene	ND	20	"	"	"	"	"	"	
Naphthalene	ND	4.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	20	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*105 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*99.9 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*103 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*101 %*		*75-125*	"	"	"	"	

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-3-40, P743cc (E307085-08) Vapor Sampled: 19-Jul-13 Received: 19-Jul-13									
1,1-Difluoroethane (LCC)	ND	0.50	ug/l	0.05	EG31905	19-Jul-13	19-Jul-13	H&P 8260 SV	
Dichlorodifluoromethane (F12)	ND	0.50	"	"	"	"	"	"	
Chloromethane	ND	0.50	"	"	"	"	"	"	
Vinyl chloride	ND	0.05	"	"	"	"	"	"	
Bromomethane	ND	0.50	"	"	"	"	"	"	
Chloroethane	ND	0.50	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.50	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.50	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.50	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
Chloroform	**0.22**	0.10	"	"	"	"	"	"	
Bromochloromethane	ND	0.50	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.10	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.10	"	"	"	"	"	"	
Benzene	ND	0.10	"	"	"	"	"	"	
Trichloroethene	**69**	0.10	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
Bromodichloromethane	ND	0.50	"	"	"	"	"	"	
Dibromomethane	ND	0.50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.50	"	"	"	"	"	"	
Tetrachloroethene	**10**	0.10	"	"	"	"	"	"	
Dibromochloromethane	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	0.10	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	0.50	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-3-40, P743cc (E307085-08) Vapor Sampled: 19-Jul-13 Received: 19-Jul-13									
Styrene	ND	0.50	ug/l	0.05	EG31905	19-Jul-13	19-Jul-13	H&P 8260 SV	
Bromoform	ND	0.50	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.50	"	"	"	"	"	"	
n-Propylbenzene	ND	0.50	"	"	"	"	"	"	
Bromobenzene	ND	0.50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.50	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
n-Butylbenzene	ND	0.50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.50	"	"	"	"	"	"	
Naphthalene	ND	0.10	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*106 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*100 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*104 %*	*75-125*		"	"	"	"	

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-4-40, P743cc (E307085-09) Vapor Sampled: 19-Jul-13 Received: 19-Jul-13									
1,1-Difluoroethane (LCC)	ND	0.50	ug/l	0.05	EG31905	19-Jul-13	19-Jul-13	H&P 8260 SV	
Dichlorodifluoromethane (F12)	ND	0.50	"	"	"	"	"	"	
Chloromethane	ND	0.50	"	"	"	"	"	"	
Vinyl chloride	ND	0.05	"	"	"	"	"	"	
Bromomethane	ND	0.50	"	"	"	"	"	"	
Chloroethane	ND	0.50	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.50	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.50	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.50	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
Chloroform	**0.36**	0.10	"	"	"	"	"	"	
Bromochloromethane	ND	0.50	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.10	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.10	"	"	"	"	"	"	
Benzene	ND	0.10	"	"	"	"	"	"	
Trichloroethene	**150**	0.40	"	0.2	"	"	"	"	
1,2-Dichloropropane	ND	0.50	"	0.05	"	"	"	"	
Bromodichloromethane	ND	0.50	"	"	"	"	"	"	
Dibromomethane	ND	0.50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.50	"	"	"	"	"	"	
Tetrachloroethene	**20**	0.10	"	"	"	"	"	"	
Dibromochloromethane	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	0.10	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	0.50	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-4-40, P743cc (E307085-09) Vapor Sampled: 19-Jul-13 Received: 19-Jul-13									
Styrene	ND	0.50	ug/l	0.05	EG31905	19-Jul-13	19-Jul-13	H&P 8260 SV	
Bromoform	ND	0.50	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.50	"	"	"	"	"	"	
n-Propylbenzene	ND	0.50	"	"	"	"	"	"	
Bromobenzene	ND	0.50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.50	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
n-Butylbenzene	ND	0.50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.50	"	"	"	"	"	"	
Naphthalene	ND	0.10	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*108 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*102 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*104 %*	*75-125*		"	"	"	"	

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EG31702 - EPA 5030										
Blank (EG31702-BLK1)				Prepared & Analyzed: 17-Jul-13						
1,1-Difluoroethane (LCC)	ND	0.10	ug/l							
Dichlorodifluoromethane (F12)	ND	0.10	"							
Chloromethane	ND	0.10	"							
Vinyl chloride	ND	0.01	"							
Bromomethane	ND	0.10	"							
Chloroethane	ND	0.10	"							
Trichlorofluoromethane (F11)	ND	0.10	"							
1,1-Dichloroethene	ND	0.10	"							
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.10	"							
Methylene chloride (Dichloromethane)	ND	0.10	"							
Methyl tertiary-butyl ether (MTBE)	ND	0.10	"							
trans-1,2-Dichloroethene	ND	0.10	"							
1,1-Dichloroethane	ND	0.10	"							
2,2-Dichloropropane	ND	0.10	"							
cis-1,2-Dichloroethene	ND	0.10	"							
Chloroform	ND	0.02	"							
Bromochloromethane	ND	0.10	"							
1,1,1-Trichloroethane	ND	0.10	"							
1,1-Dichloropropene	ND	0.10	"							
Carbon tetrachloride	ND	0.02	"							
1,2-Dichloroethane (EDC)	ND	0.02	"							
Benzene	ND	0.02	"							
Trichloroethene	ND	0.02	"							
1,2-Dichloropropane	ND	0.10	"							
Bromodichloromethane	ND	0.10	"							
Dibromomethane	ND	0.10	"							
cis-1,3-Dichloropropene	ND	0.10	"							
Toluene	ND	0.20	"							
trans-1,3-Dichloropropene	ND	0.10	"							
1,1,2-Trichloroethane	ND	0.10	"							
1,2-Dibromoethane (EDB)	ND	0.10	"							
1,3-Dichloropropane	ND	0.10	"							
Tetrachloroethene	ND	0.02	"							
Dibromochloromethane	ND	0.10	"							

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EG31702 - EPA 5030										
Blank (EG31702-BLK1)				Prepared & Analyzed: 17-Jul-13						
Chlorobenzene	ND	0.02	ug/l							
Ethylbenzene	ND	0.10	"							
1,1,1,2-Tetrachloroethane	ND	0.10	"							
m,p-Xylene	ND	0.10	"							
o-Xylene	ND	0.10	"							
Styrene	ND	0.10	"							
Bromoform	ND	0.10	"							
Isopropylbenzene (Cumene)	ND	0.10	"							
1,1,2,2-Tetrachloroethane	ND	0.10	"							
1,2,3-Trichloropropane	ND	0.10	"							
n-Propylbenzene	ND	0.10	"							
Bromobenzene	ND	0.10	"							
1,3,5-Trimethylbenzene	ND	0.10	"							
2-Chlorotoluene	ND	0.10	"							
4-Chlorotoluene	ND	0.10	"							
tert-Butylbenzene	ND	0.10	"							
1,2,4-Trimethylbenzene	ND	0.10	"							
sec-Butylbenzene	ND	0.10	"							
p-Isopropyltoluene	ND	0.10	"							
1,3-Dichlorobenzene	ND	0.10	"							
1,4-Dichlorobenzene	ND	0.10	"							
n-Butylbenzene	ND	0.10	"							
1,2-Dichlorobenzene	ND	0.10	"							
1,2-Dibromo-3-chloropropane	ND	1.0	"							
1,2,4-Trichlorobenzene	ND	0.10	"							
Hexachlorobutadiene	ND	0.10	"							
Naphthalene	0.02	0.02	"							B
1,2,3-Trichlorobenzene	ND	0.10	"							
Surrogate: Dibromofluoromethane	*0.554*		"	*0.500*		*111*	*75-125*			
Surrogate: 1,2-Dichloroethane-d4	*0.521*		"	*0.500*		*104*	*75-125*			
Surrogate: Toluene-d8	*0.510*		"	*0.500*		*102*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.591*		"	*0.500*		*118*	*75-125*			

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Geochemistry Inc.

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760-804-9678 Phone
760-804-9159 Fax

Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EG31705 - EPA 5030										
LCS (EG31705-BS1)				Prepared & Analyzed: 17-Jul-13						
Dichlorodifluoromethane (F12)	4.80	0.50	ug/l	5.00		95.9	70-130			
Vinyl chloride	5.16	0.05	"	5.00		103	70-130			
Chloroethane	5.44	0.50	"	5.00		109	70-130			
Trichlorofluoromethane (F11)	3.87	0.50	"	5.00		77.5	70-130			
Methylene chloride (Dichloromethane)	4.83	0.50	"	5.00		96.6	70-130			
trans-1,2-Dichloroethene	5.35	0.50	"	5.00		107	70-130			
1,1-Dichloroethane	5.27	0.50	"	5.00		105	70-130			
1,1-Dichloroethene	4.39	0.50	"	5.00		87.8	70-130			
cis-1,2-Dichloroethene	5.59	0.50	"	5.00		112	70-130			
Chloroform	5.32	0.10	"	5.00		106	70-130			
1,1,1-Trichloroethane	5.19	0.50	"	5.00		104	70-130			
Carbon tetrachloride	5.42	0.10	"	5.00		108	70-130			
1,2-Dichloroethane (EDC)	5.27	0.10	"	5.00		105	70-130			
Benzene	4.92	0.10	"	5.00		98.4	70-130			
Trichloroethene	5.37	0.10	"	5.00		107	70-130			
Toluene	4.59	1.0	"	5.00		91.7	70-130			
1,1,2-Trichloroethane	5.17	0.50	"	5.00		103	70-130			
Tetrachloroethene	5.64	0.10	"	5.00		113	70-130			
Ethylbenzene	5.17	0.50	"	5.00		103	70-130			
1,1,1,2-Tetrachloroethane	5.56	0.50	"	5.00		111	70-130			
m,p-Xylene	10.2	0.50	"	10.0		102	70-130			
o-Xylene	4.68	0.50	"	5.00		93.7	70-130			
1,1,2,2-Tetrachloroethane	4.54	0.50	"	5.00		90.7	70-130			
1,1,2 Trichlorotrifluoroethane (F113)	4.36	0.50	"	5.00		87.2	70-130			
Surrogate: Dibromofluoromethane	*2.74*		*"*	*2.50*		*109*	*75-125*			
Surrogate: 1,2-Dichloroethane-d4	*2.58*		*"*	*2.50*		*103*	*75-125*			
Surrogate: Toluene-d8	*2.65*		*"*	*2.50*		*106*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*2.61*		*"*	*2.50*		*105*	*75-125*			

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EG31808 - EPA 5030										
Blank (EG31808-BLK1)				Prepared & Analyzed: 18-Jul-13						
1,1-Difluoroethane (LCC)	ND	0.50	ug/l							
Dichlorodifluoromethane (F12)	ND	0.50	"							
Chloromethane	ND	0.50	"							
Vinyl chloride	ND	0.05	"							
Bromomethane	ND	0.50	"							
Chloroethane	ND	0.50	"							
Trichlorofluoromethane (F11)	ND	0.50	"							
Methylene chloride (Dichloromethane)	ND	0.50	"							
Methyl tertiary-butyl ether (MTBE)	ND	0.50	"							
trans-1,2-Dichloroethene	ND	0.50	"							
1,1-Dichloroethane	ND	0.50	"							
1,1-Dichloroethene	ND	0.50	"							
2,2-Dichloropropane	ND	0.50	"							
cis-1,2-Dichloroethene	ND	0.50	"							
Chloroform	ND	0.10	"							
Bromochloromethane	ND	0.50	"							
1,1,1-Trichloroethane	ND	0.50	"							
1,1-Dichloropropene	ND	0.50	"							
Carbon tetrachloride	ND	0.10	"							
1,2-Dichloroethane (EDC)	ND	0.10	"							
Benzene	ND	0.10	"							
Trichloroethene	ND	0.10	"							
1,2-Dichloropropane	ND	0.50	"							
Bromodichloromethane	ND	0.50	"							
Dibromomethane	ND	0.50	"							
cis-1,3-Dichloropropene	ND	0.50	"							
Toluene	ND	1.0	"							
trans-1,3-Dichloropropene	ND	0.50	"							
1,1,2-Trichloroethane	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
1,3-Dichloropropane	ND	0.50	"							
Tetrachloroethene	ND	0.10	"							
Dibromochloromethane	ND	0.50	"							
Chlorobenzene	ND	0.10	"							

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EG31808 - EPA 5030										
Blank (EG31808-BLK1)				Prepared & Analyzed: 18-Jul-13						
Ethylbenzene	ND	0.50	ug/l							
1,1,1,2-Tetrachloroethane	ND	0.50	"							
m,p-Xylene	ND	0.50	"							
o-Xylene	ND	0.50	"							
Styrene	ND	0.50	"							
Bromoform	ND	0.50	"							
Isopropylbenzene (Cumene)	ND	0.50	"							
1,1,2,2-Tetrachloroethane	ND	0.50	"							
1,2,3-Trichloropropane	ND	0.50	"							
n-Propylbenzene	ND	0.50	"							
Bromobenzene	ND	0.50	"							
1,3,5-Trimethylbenzene	ND	0.50	"							
2-Chlorotoluene	ND	0.50	"							
4-Chlorotoluene	ND	0.50	"							
tert-Butylbenzene	ND	0.50	"							
1,2,4-Trimethylbenzene	ND	0.50	"							
sec-Butylbenzene	ND	0.50	"							
p-Isopropyltoluene	ND	0.50	"							
1,3-Dichlorobenzene	ND	0.50	"							
1,4-Dichlorobenzene	ND	0.50	"							
n-Butylbenzene	ND	0.50	"							
1,2-Dichlorobenzene	ND	0.50	"							
1,2-Dibromo-3-chloropropane	ND	5.0	"							
1,2,4-Trichlorobenzene	ND	0.50	"							
Hexachlorobutadiene	ND	0.50	"							
Naphthalene	ND	0.10	"							
1,2,3-Trichlorobenzene	ND	0.50	"							
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.50	"							
Surrogate: Dibromofluoromethane	*2.69*		"	*2.50*		*108*	*75-125*			
Surrogate: 1,2-Dichloroethane-d4	*2.52*		"	*2.50*		*101*	*75-125*			
Surrogate: Toluene-d8	*2.57*		"	*2.50*		*103*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*2.60*		"	*2.50*		*104*	*75-125*			

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EG31808 - EPA 5030										
LCS (EG31808-BS1)				Prepared & Analyzed: 18-Jul-13						
Dichlorodifluoromethane (F12)	4.28	0.50	ug/l	5.00		85.7	70-130			
Vinyl chloride	4.85	0.05	"	5.00		97.0	70-130			
Chloroethane	5.38	0.50	"	5.00		108	70-130			
Trichlorofluoromethane (F11)	5.05	0.50	"	5.00		101	70-130			
Methylene chloride (Dichloromethane)	5.11	0.50	"	5.00		102	70-130			
trans-1,2-Dichloroethene	5.31	0.50	"	5.00		106	70-130			
1,1-Dichloroethane	5.21	0.50	"	5.00		104	70-130			
1,1-Dichloroethene	5.35	0.50	"	5.00		107	70-130			
cis-1,2-Dichloroethene	5.37	0.50	"	5.00		107	70-130			
Chloroform	5.15	0.10	"	5.00		103	70-130			
1,1,1-Trichloroethane	5.11	0.50	"	5.00		102	70-130			
Carbon tetrachloride	5.19	0.10	"	5.00		104	70-130			
1,2-Dichloroethane (EDC)	4.99	0.10	"	5.00		99.8	70-130			
Benzene	4.88	0.10	"	5.00		97.6	70-130			
Trichloroethene	5.08	0.10	"	5.00		102	70-130			
Toluene	4.49	1.0	"	5.00		89.9	70-130			
1,1,2-Trichloroethane	4.73	0.50	"	5.00		94.6	70-130			
Tetrachloroethene	5.18	0.10	"	5.00		104	70-130			
Ethylbenzene	5.04	0.50	"	5.00		101	70-130			
1,1,1,2-Tetrachloroethane	5.13	0.50	"	5.00		103	70-130			
m,p-Xylene	9.95	0.50	"	10.0		99.5	70-130			
o-Xylene	4.98	0.50	"	5.00		99.7	70-130			
1,1,2,2-Tetrachloroethane	4.74	0.50	"	5.00		94.7	70-130			
1,1,2 Trichlorotrifluoroethane (F113)	5.26	0.50	"	5.00		105	70-130			
Surrogate: Dibromofluoromethane	*2.64*		"	*2.50*		*106*	*75-125*			
Surrogate: 1,2-Dichloroethane-d4	*2.47*		"	*2.50*		*98.8*	*75-125*			
Surrogate: Toluene-d8	*2.61*		"	*2.50*		*104*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*2.58*		"	*2.50*		*103*	*75-125*			

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EG31905 - EPA 5030										
Blank (EG31905-BLK1)				Prepared & Analyzed: 19-Jul-13						
1,1-Difluoroethane (LCC)	ND	0.50	ug/l							
Dichlorodifluoromethane (F12)	ND	0.50	"							
Chloromethane	ND	0.50	"							
Vinyl chloride	ND	0.05	"							
Bromomethane	ND	0.50	"							
Chloroethane	ND	0.50	"							
Trichlorofluoromethane (F11)	ND	0.50	"							
Methylene chloride (Dichloromethane)	ND	0.50	"							
Methyl tertiary-butyl ether (MTBE)	ND	0.50	"							
trans-1,2-Dichloroethene	ND	0.50	"							
1,1-Dichloroethane	ND	0.50	"							
1,1-Dichloroethene	ND	0.50	"							
2,2-Dichloropropane	ND	0.50	"							
cis-1,2-Dichloroethene	ND	0.50	"							
Chloroform	ND	0.10	"							
Bromochloromethane	ND	0.50	"							
1,1,1-Trichloroethane	ND	0.50	"							
1,1-Dichloropropene	ND	0.50	"							
Carbon tetrachloride	ND	0.10	"							
1,2-Dichloroethane (EDC)	ND	0.10	"							
Benzene	ND	0.10	"							
Trichloroethene	ND	0.10	"							
1,2-Dichloropropane	ND	0.50	"							
Bromodichloromethane	ND	0.50	"							
Dibromomethane	ND	0.50	"							
cis-1,3-Dichloropropene	ND	0.50	"							
Toluene	ND	1.0	"							
trans-1,3-Dichloropropene	ND	0.50	"							
1,1,2-Trichloroethane	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
1,3-Dichloropropane	ND	0.50	"							
Tetrachloroethene	ND	0.10	"							
Dibromochloromethane	ND	0.50	"							
Chlorobenzene	ND	0.10	"							

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EG31905 - EPA 5030										
Blank (EG31905-BLK1)				Prepared & Analyzed: 19-Jul-13						
Ethylbenzene	ND	0.50	ug/l							
1,1,1,2-Tetrachloroethane	ND	0.50	"							
m,p-Xylene	ND	0.50	"							
o-Xylene	ND	0.50	"							
Styrene	ND	0.50	"							
Bromoform	ND	0.50	"							
Isopropylbenzene (Cumene)	ND	0.50	"							
1,1,2,2-Tetrachloroethane	ND	0.50	"							
1,2,3-Trichloropropane	ND	0.50	"							
n-Propylbenzene	ND	0.50	"							
Bromobenzene	ND	0.50	"							
1,3,5-Trimethylbenzene	ND	0.50	"							
2-Chlorotoluene	ND	0.50	"							
4-Chlorotoluene	ND	0.50	"							
tert-Butylbenzene	ND	0.50	"							
1,2,4-Trimethylbenzene	ND	0.50	"							
sec-Butylbenzene	ND	0.50	"							
p-Isopropyltoluene	ND	0.50	"							
1,3-Dichlorobenzene	ND	0.50	"							
1,4-Dichlorobenzene	ND	0.50	"							
n-Butylbenzene	ND	0.50	"							
1,2-Dichlorobenzene	ND	0.50	"							
1,2-Dibromo-3-chloropropane	ND	5.0	"							
1,2,4-Trichlorobenzene	ND	0.50	"							
Hexachlorobutadiene	ND	0.50	"							
Naphthalene	ND	0.10	"							
1,2,3-Trichlorobenzene	ND	0.50	"							
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.50	"							
Surrogate: Dibromofluoromethane	*2.61*		"	*2.50*		*104*	*75-125*			
Surrogate: 1,2-Dichloroethane-d4	*2.42*		"	*2.50*		*96.9*	*75-125*			
Surrogate: Toluene-d8	*2.61*		"	*2.50*		*105*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*2.62*		"	*2.50*		*105*	*75-125*			

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Volatile Organic Compounds by 8260SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EG31905 - EPA 5030										
LCS (EG31905-BS1)				Prepared & Analyzed: 19-Jul-13						
Dichlorodifluoromethane (F12)	4.53	0.50	ug/l	5.00		90.5	70-130			
Vinyl chloride	4.99	0.05	"	5.00		99.9	70-130			
Chloroethane	5.42	0.50	"	5.00		108	70-130			
Trichlorofluoromethane (F11)	5.20	0.50	"	5.00		104	70-130			
Methylene chloride (Dichloromethane)	4.89	0.50	"	5.00		97.8	70-130			
trans-1,2-Dichloroethene	5.39	0.50	"	5.00		108	70-130			
1,1-Dichloroethane	5.19	0.50	"	5.00		104	70-130			
1,1-Dichloroethene	5.35	0.50	"	5.00		107	70-130			
cis-1,2-Dichloroethene	5.37	0.50	"	5.00		107	70-130			
Chloroform	5.15	0.10	"	5.00		103	70-130			
1,1,1-Trichloroethane	5.23	0.50	"	5.00		105	70-130			
Carbon tetrachloride	5.28	0.10	"	5.00		106	70-130			
1,2-Dichloroethane (EDC)	4.81	0.10	"	5.00		96.2	70-130			
Benzene	4.82	0.10	"	5.00		96.3	70-130			
Trichloroethene	5.22	0.10	"	5.00		104	70-130			
Toluene	4.54	1.0	"	5.00		90.8	70-130			
1,1,2-Trichloroethane	4.59	0.50	"	5.00		91.7	70-130			
Tetrachloroethene	5.25	0.10	"	5.00		105	70-130			
Ethylbenzene	5.39	0.50	"	5.00		108	70-130			
1,1,1,2-Tetrachloroethane	5.36	0.50	"	5.00		107	70-130			
m,p-Xylene	10.6	0.50	"	10.0		106	70-130			
o-Xylene	5.13	0.50	"	5.00		103	70-130			
1,1,2,2-Tetrachloroethane	4.76	0.50	"	5.00		95.2	70-130			
1,1,2 Trichlorotrifluoroethane (F113)	5.45	0.50	"	5.00		109	70-130			
Surrogate: Dibromofluoromethane	*2.57*		"	*2.50*		*103*	*75-125*			
Surrogate: 1,2-Dichloroethane-d4	*2.39*		"	*2.50*		*95.6*	*75-125*			
Surrogate: Toluene-d8	*2.57*		"	*2.50*		*103*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*2.67*		"	*2.50*		*107*	*75-125*			

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Notes and Definitions

B	Analyte is found in the associated blank as well as in the sample (CLP B-flag). Laboratory Contaminant.
B	Analyte is found in the associated blank as well as in the sample (CLP B-flag). Laboratory Contaminant.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

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Environ Corp.	Project: ENV071713-L4	
18100 Von Karman Ave, Suite 600	Project Number: 05-31819A / 775-777 W 16th st	Reported:
Irvine, CA 92612	Project Manager: Mr. Jeff Raumin	24-Jul-13 11:40

Appendix

H&P Mobile Geochemistry, Inc. is approved as an Environmental Testing Laboratory (Certification # L11-175) in accordance with the DoD-ELAP program. H&P is approved by the State of Arizona under Certification Numbers A2M758 and A20779. H&P is approved as an Environmental Laboratory in conformance with the Environmental Laboratory Accreditation Program (CA) for the category of Volatile and Semi-Volatile Organic Chemistry of Hazardous Waste for the following methods:

Certificate# 2741, 2743, 2579, 2754 & 2740 approved for EPA 8260 and LUFT GC/MS
Certificate# 2742, 2745, & 2741 approved for LUFT
Certificate# 2745 & 2742 approved for EPA 418.1

H&P Mobile Geochemistry, Inc. is approved as an Environmental Laboratory in conformance with the National Environmental Accreditation Conference Standards for the category Environmental Analysis Air and Emissions for the following analytes and methods:

Hexachlorobutadiene by EPA TO-15 & TO-14A
1,2,4-Trichlorobenzene by EPA TO-15 & TO-14A
1,2-Dichlorobenzene by EPA TO-15 & TO-14A
Dichlorotetrafluoroethane by EPA TO-14A
1,4-Dichlorobenzene by EPA TO-15 & TO-14A
Benzene by EPA TO-15 & TO-14A
Chlorobenzene by EPA TO-15 & TO-14A
Ethyl benzene by EPA TO-15 & TO-14A
Styrene by EPA TO-15 & TO-14A
Toluene by EPA TO-15 & TO-14A
Total Xylenes by EPA TO-15
1,1,1-Trichloroethane by EPA TO-15 & TO-14A
1,1,2,2-Tetrachloroethane by EPA TO-15 & TO-14A
1,1,2-Trichloroethane by EPA TO-15 & TO-14A
1,1-Dichloroethane by EPA TO-15 & TO-14A
1,1-Dichloroethene by EPA TO-15 & TO-14A
1,2-Dichloroethane by EPA TO-15 & TO-14A
1,2-Dichloropropane by EPA TO-15 & TO-14A
Benzyl Chloride by EPA TO-15 & TO-14A
Bromoform by EPA TO-15
Bromomethane by EPA TO-15 & TO-14A
Carbon tetrachloride by EPA TO-15 & TO-14A
Chloroethane by EPA TO-15 & TO-14A
Chloroform by EPA TO-15 & TO-14A
Chloromethane by EPA TO-15 & TO-14A
cis-1,2-Dichloroethene by EPA TO-15 & TO-14A
cis-1,3-Dichloropropene by EPA TO-15 & TO-14A
Methylene chloride by EPA TO -15 & TO-14A
Tetrachloroethane by EPA TO-15 & TO-14A
trans-1,2-Dichloroethene by EPA TO-15
trans-1,3-Dichloropropene by EPA TO-15 & TO-14A
Trichloroethene by EPA TO-15 & TO-14A
Vinyl chloride by EPA TO -15
2-Butanone by EPA TO-15
4-Methyl-2-Pentanone by EPA TO-15
Hexane by EPA TO-15
Methyl tert-butyl ether by EPA TO-15
Vinyl acetate by EPA TO-15

1,3-Dichlorobenzene by EPA TO-15 & TO-14A
Trichlorofluoromethane by EPA TO-14A
Naphthalene by H&P SOP TO-15/GC-MS
1,2-Dibromoethane (EDB) by EPA TO-15 & TO-14A
1,2-Dibromo-3-chloropropane by EPA TO-15
1,3-Butadiene by EPA TO-15
1,1,2-Trichlorotrifluoroethane by EPA TO-14A
Carbon disulfide by EPA TO-15
1,4-Dioxane by EPA TO-15

This certification applies to samples analyzed in summa canisters.

PA2014-110

Chain of Custody Record

H&P Mobile Geochemistry, Inc.

☒ 2470 Impala Dr., Carlsbad, CA 92010 • ph 760.804.9678 • fax 760.804.9159
☐ 1855 Coronado Ave., Signal Hill, CA 90755 • ph 800.834.9888

Date: 7/18/13
H&P Project #: ENV071713-L4 Day
Outside Lab:

Client: Environ
Collector: Kurt S.
Page: 1 of 2
Address: 18100 Von Karman Ave Suite 600
Client Project #: 05-31819A
Project Contact: Jeff Raumin
Location: 775-777 W. 16th St
Email: jraumin@environcorp.com bbauer@environcorp.com
Phone: Fax:
Turn around time: Standard.

Geotracker EDF: Yes ☐ No ☒
Global ID:
Excel EDD: Yes ☐ No ☒

Sample Receipt
Intact: ☒ Yes ☐ No
Seal Intact: ☐ Yes ☐ No ☒ N/A
Cold: ☐ Yes ☐ No ☒ N/A
Temperature: on site

Special Instructions: * VP-1-1D was recollected and reanalyzed on 7/19/13 - PCE exceeded linear range of calibration on 7/18/13

Lab Work Order # E307078 / EG31805 / EG31808

UL RL / Normal RL: had ok on VP-1 to run dilutions up front.

	Sample Name	Field Point Name	Purge Vol	Time	Date	Sample Type	Container Type	Total # of containers	8260B Full List	8260B	BTEX/OXY	TPH gas	LUFT/8015M TPH	g	d	ext	418.1 TRPH	VOC's: Full List 8260B	TO-15	VOC's: Short List/DTSC	8260B	TO-15	VOC's: SAM, 8260B	SAM A	SAM B	Naphthalene	8260B	TO-15	Oxygenates	8260B	TO-15	TPHv gas	8260B	TO-15	Ketones	8260B	TO-15	Other	8260B	TO-15	Leak Check Compound	1,1 DFA	OTHER	Methane	Fixed Gases	CO_2	O_2	N_2
									SOIL/GW									SOIL VAPOR/AIR ANALYSIS																																
1	~~VP-1-5~~ VP-1-10*	ultra low	869cc	10:16	7/18	vapor	glass syringe	1										X																							X							
2	~~VP~~ SV-11-10	ultra low	324	12:35				1										X																							X							
3	SV-11-10 Rep	ultra low	424	12:57				1										X																							X							
4	SV-10-5	ultra low	709	13:26				1										X																							X							
5	SV-10-10	ultra low	714	13:55				1										X																							X							
6	VP-9-5	Normal RL	434	1411				1										X																							X							
7	VP-9-5 Rep	Normal RL	484	1412				1										X																							X							
8	VP-9-10	Normal RL	869	14:21				1										X																							X							
9	SV-8-6	ultra low	320	15:25				1										X																							X							
10	SV-8-10	ultra low	323	1544				1										X																							X							

Approved/Relinquished by: (Signature)	(company) ENVIRON	Received by: (Signature)	(company) H&P	Date: 7/18/13 Time: 16:45
Approved/Relinquished by: (Signature)	(company)	Received by: (Signature)	(company)	Date: Time:
Approved/Relinquished by: (Signature)	(company)	Received by: (Signature)	(company)	Date: Time:

*Signature constitutes authorization to proceed with analysis and acceptance of condition on back.

Sample disposal instruction: ☐ Disposal ☐ Return to client ☐ Pickup

PA2014-110

Chain of Custody Record

H&P Mobile Geochemistry, Inc.
2470 Impala Dr., Carlsbad, CA 92010 • ph 760.804.9678 • fax 760.804.9159
1855 Coronado Ave., Signal Hill, CA 90755 • ph 800.834.9888

Date: 7/18/13
H&P Project # EN071713-L4 Day2
Outside Lab:

Client: Environ
Collector:
Page: 2 of 2
Address:
Client Project # 05-31819A
Project Contact:
Location: 775-777 W. 16th St.
Email:
Phone:
Fax:
Turn around time:

Geotracker EDF: Yes ☐ No ☒
Global ID:
Excel EDD: Yes ☒ No ☐

Sample Receipt
Intact: ☒ Yes ☐ No
Seal Intact: ☐ Yes ☐ No ☒ N/A
Cold: ☐ Yes ☐ No ☒ N/A
Temperature: on site

Special Instructions:

Lab Work Order # E307078 / EG31805 / EG31808

	Sample Name	Field Point Name	Purge Vol	Time	Date	Sample Type	Container Type	Total # of containers	8260B Full List	8260B ☐ BTEX/OXY ☐ TPH gas	LUFT/8015M TPH ☐ g ☐ d ☐ ext	418.1 TRPH	VOC's: Full List ☒ 8260B ☐ TO-15	VOC's: Short List/DTSC ☐ 8260B ☐ TO-15	VOC's: SAM, 8260B ☐ SAM A ☐ SAM B	Naphthalene ☐ 8260B ☐ TO-15	Oxygenates ☐ 8260B ☐ TO-15	TPHv gas ☐ 8260B ☐ TO-15	Ketones ☐ 8260B ☐ TO-15	Other ____ ☐ 8260B ☐ TO-15	Leak Check Compound ☒ 1,1 DFA ☐ OTHER	Methane	Fixed Gases ☐ CO_2 ☐ O_2 ☐ N_2
									SOIL/GW				SOIL VAPOR/AIR ANALYSIS										
11	VP-8-5	Normal RL	434	16:20	7/18	Vapor	glass syringe	1					X								X		
12	VP-8-10	Normal RL	869	16:26				1					X								X		

Approved/Relinquished by: (Signature)	(company)	Received by: (Signature)	(company)	Date:	Time:
	ENVIRON		AMP	7/18/13	16:45
Approved/Relinquished by: (Signature)	(company)	Received by: (Signature)	(company)	Date:	Time:
Approved/Relinquished by: (Signature)	(company)	Received by: (Signature)	(company)	Date:	Time:

*Signature constitutes authorization to proceed with analysis and acceptance of condition on back.

Sample disposal instruction: ☐ Disposal ☐ Return to client ☐ Pickup

PA2014-110

Chain of Custody Record

H&P Mobile Geochemistry, Inc.

2470 Impala Dr., Carlsbad, CA 92010 • ph 760.804.9678 • fax 760.804.9159
1855 Coronado Ave., Signal Hill, CA 90755 • ph 800.834.9888

Date: 7/19/13
H&P Project # ENV071713-L4
Outside Lab:

Client: Environ
Collector: Holly R.
Page: 1 of 1
Address: 18100 Von Karman Ave suite 600
Client Project # 052-31819A
Project Contact: Jeff Raumin
Location: 775-777 W. 16th St
Email: jraumin@environcorp.com bbauer@environcorp.com
Phone:
Fax:
Turn around time: standard

Geotracker EDF: Yes ☐ No ☒
Global ID:
Excel EDD: Yes ☒ No ☐

Sample Receipt
Intact: ☒ Yes ☐ No
Seal Intact: ☐ Yes ☐ No ☒ N/A
Cold: ☐ Yes ☐ No ☒ N/A
Temperature: on site

Special Instructions: - got ok to run SV-7-40 @ dilution

Lab Work Order # E3071085 / EG31904 / EG31905

U. Low / Normal RL

	Sample Name	Field Point Name	Purge Vol	Time	Date	Sample Type	Container Type	Total # of containers	8260B Full List	BTEX/OXY ☐ TPH gas	LUFT/8015M TPH ☐ g ☐ d ☐ ext	418.1 TRPH	VOC's: Full List ☒ 8260B ☐ TO-15	VOC's: Short List/DTSC ☐ 8260B ☐ TO-15	VOC's: SAM, 8260B ☐ SAM A ☐ SAM B	Naphthalene ☐ 8260B ☐ TO-15	Oxygenates ☐ 8260B ☐ TO-15	TPHv gas ☐ 8260B ☐ TO-15	Ketones ☐ 8260B ☐ TO-15	Other ☐ 8260B ☐ TO-15	Leak Check Compound ☒ 1,1 DFA ☐ OTHER	Methane	Fixed Gases ☐ CO_2 ☐ O_2 ☐ N_2
									SOIL/GW				SOIL VAPOR/AIR ANALYSIS										
1	SV-11-5 RE	Ultra low	319	8:30	7/19	vapor	glass syringe	1					X								X		
2	VP-6-4	Normal RL	347	9:09				1					X								X		
3	VP-6-4 Rep	Normal RL	397	9:10				1					X								X		
4	VP-7-4	Normal RL	347	9:47				1					X								X		
5	VP-7-10	Normal RL	869	9:51				1					X								X		
6	VP-6-10	Normal RL	869	10:25				1					X								X		
7	SV-7-40	Ultra low	743	10:51				1					X								X		
8	SV-3-40	Normal RL	743	11:23				1					X								X		
9	SV-4-40	Normal RL	743	11:35				1					X								X		

Approved/Relinquished by: (Signature)	(company) ENVIRON	Received by: (Signature)	(company) H&P
Approved/Relinquished by: (Signature)	(company)	Received by: (Signature)	(company)
Approved/Relinquished by: (Signature)	(company)	Received by: (Signature)	(company)

Date: 7/19/13 Time: 12:30
Date: Time:
Date: Time:

*Signature constitutes authorization to proceed with analysis and acceptance of condition on back.

Sample disposal instruction: ☐ Disposal ☐ Return to client ☐ Pickup

PA2014-110

Chain of Custody Record

H&P Mobile Geochemistry, Inc.

☒ 2470 Impala Dr., Carlsbad, CA 92010 • ph 760.804.9678 • fax 760.804.9159
☐ 1855 Coronado Ave., Signal Hill, CA 90755 • ph 800.834.9888

Date: 7/17/13
H&P Project # ENV071713-L4
Outside Lab:

Client: Environ
Address: 18100 Von Karman Ave Suite 600
Irvine CA 92612
Email: jraumin@environcorp.com bbauer@environcorp.com

Collector: Kurt
Client Project # 05-31819A
Location: 775-777 W. 16th St.
Phone: Fax:

Page: 1 of 2
Project Contact: Jeff Raumin
Turn around time: standard

Geotracker EDF: Yes ☐ No ☒
Global ID:
Excel EDD: Yes ☒ No ☐

Sample Receipt
Intact: ☒ Yes ☐ No
Seal Intact: ☐ Yes ☐ No ☒ N/A
Cold: ☐ Yes ☐ No ☒ N/A
Temperature: on site

Special Instructions:
PVT- Ultra low RL
some analytes ultra low some regular RL

Lab Work Order # E307074 / ULow RL EG31702 / Normal RL EG31705

	Sample Name	~~Field Point Name~~	Purge Vol	Time	Date	Sample Type	Container Type	Total # of containers	8260B Full List	8260B ☐ BTEX/OXY ☐ TPH gas	LUFT/8015M TPH ☐ g ☐ d ☐ ext	418.1 TRPH	VOC's: Full List ☒ 8260B ☐ TO-15	VOC's: Short List/DTSC ☐ 8260B ☐ TO-15	VOC's: SAM, 8260B ☐ SAM A ☐ SAM B	Naphthalene ☐ 8260B ☐ TO-15	Oxygenates ☐ 8260B ☐ TO-15	TPHv gas ☐ 8260B ☐ TO-15	Ketones ☐ 8260B ☐ TO-15	Other ☐ 8260B ☐ TO-15	Leak Check Compound ☐ ~~1,1 DFA~~ ☐ OTHER	Methane	Fixed Gases ☐ CO_2 ☐ O_2 ☐ N_2
									SOIL/GW				SOIL VAPOR/AIR ANALYSIS										
1	SV9-5, 1PV	ultra low	319	0832	7/17	vapor	glass syringe	1					X								X		
2	SV9-5, 3PV	ultra low	958	0835				1					X								X		
3	SV9-5, 10PV	ultra low	3193	09:13				1					X								X		
4	SV9-10	ultra low	324	09:48				1					X								X		
5	SV9-10 Rep.	ultra low	424	09:49				1					X								X		
6	SV9-38	ultra low	350	10:28				1					X								X		
7	VP5-5	Normal RL	434	10:46				1					X								X		
8	VP5-10	Normal RL	869	10:54				1					X								X		
9	VP-4-5	Normal RL	434	11:11				1					X								X		
10	VP-4-10	Normal RL	869	12:22				1					X								X		

Approved/Relinquished by: (Signature)	(company) ENVIRON	Received by: (Signature)	(company) H&P	Date: 7/17/13 Time: 17:30
Approved/Relinquished by: (Signature)	(company)	Received by: (Signature)	(company)	Date: Time:
Approved/Relinquished by: (Signature)	(company)	Received by: (Signature)	(company)	Date: Time:

*Signature constitutes authorization to proceed with analysis and acceptance of condition on back.

Sample disposal instruction: ☐ Disposal ☐ Return to client ☐ Pickup

PA2014-110

Chain of Custody Record

Mobile Geochemistry, Inc.

☒ 2470 Impala Dr., Carlsbad, CA 92010 • ph 760.804.9678 • fax 760.804.9159
☐ 1855 Coronado Ave., Signal Hill, CA 90755 • ph 800.834.9888

Date: 7/17/13
H&P Project # ENV071713-L4
Outside Lab:

Client: Environ
Collector:
Page: 2 of 2
Address:
Client Project # 05-31819A
Project Contact:
Location: 775-777 W. 16th St.
Email:
Phone:
Fax:
Turn around time:

Geotracker EDF: Yes ☐ No ☒
Global ID:
Excel EDD: Yes ☒ No ☐

Sample Receipt
Intact: ☐ Yes ☐ No
Seal Intact: ☐ Yes ☐ No ☐ N/A
Cold: ☐ Yes ☐ No ☐ N/A
Temperature:

Special Instructions: *VP-1-5 and VP-2-10 were recollected and reanalyzed on 7/18/13 for TCE & PCE, which required dilutions

Lab Work Order # E307074 / EG31702 (U. Low RL) / EG31705 (Normal ~~Low~~ RL)

Sample Name	Field Point Name	Purge Vol	Time	Date	Sample Type	Container Type	Total # of containers	8260B Full List	8260B ☐ BTEX/OXY ☐ TPH gas	LUFT/8015M TPH ☐ g ☐ d ☐ ext	418.1 TRPH	VOC's: Full List ☒ 8260B ☐ TO-15	VOC's: Short List/DTSC ☐ 8260B ☐ TO-15	VOC's: SAM, 8260B ☐ SAM A ☐ SAM B	Naphthalene ☐ 8260B ☐ TO-15	Oxygenates ☐ 8260B ☐ TO-15	TPHv gas ☐ 8260B ☐ TO-15	Ketones ☐ 8260B ☐ TO-15	Other ☐ 8260B ☐ TO-15	Leak Check Compound ☒ 1,1 DFA ☐ OTHER	Methane	Fixed Gases ☐ CO_2 ☐ O_2 ☐ N_2
								SOIL/GW				SOIL VAPOR/AIR ANALYSIS										
11	VP-4-10 Rep	Normal RL	919	12:23	7/17	Vapor	glass syringe	1				X								X		
12	VP-3-5	Normal RL	434	12:42				1				X								X		
13	VP-3-10	Normal RL	869	12:53				1				X								X		
14	VP-2-5	Normal RL	434	14:24				1				X								X		
15	VP-2-10 *	Normal RL	869	14:30				1				X								X		
16	VP-1-5 *	~~CHHSL~~ Ultra low	434	15:43				1				X								X		

Approved/Relinquished by: (Signature)	(company) ENVIRON	Received by: (Signature)	(company) H&P
Approved/Relinquished by: (Signature)	(company)	Received by: (Signature)	(company)
Approved/Relinquished by: (Signature)	(company)	Received by: (Signature)	(company)

Date: 7/17/13 Time: 17:30
Date: Time:
Date: Time:

*Signature constitutes authorization to proceed with analysis and acceptance of condition on back.

Sample disposal instruction: ☐ Disposal ☐ Return to client ☐ Pickup

PA2014-110

Vapor Sampling with Mobile Lab (Syringe)

Mobile Geochemistry Inc.

H&P Project #: ENV 071713 · TECH
Site Address: 775-777 W. 16th St., Costa Mesa
Consultant: Environ
Field Rep(s): Brian
H&P Rep(s): LG

Date: 7-17-2013
Arrival Time: 0700
Departure Time: 6W
Overtime:
Approved By:

Office Use Only:
Reviewed: PD
Scanned:

Page ____ of ____

	Point ID	Syringe ID	Date	Sample Time	Probe Specs: Probe Depth (ft)	Tubing Length (ft)	Tubing Dia (in.)	Sand Pack Dia (in.)	Sand Pack Ht (in.)	Dry Bent. Dia (in.)	Dry Bent. Ht (in.)	Sample Information: Purge Vol (mL)	Shut-in Test (✓=Pass)	Flow Rate (mL/min)	Probe Pressure ("Hg)	Field Notes:
1	SV9-5	SV0080	7/17	0832	5'	7'	1/8"	1.5"	12"	1.5"	12"	319	✓	200	-3.0	1PV
2	SV9-05	SV0073	7/17	0835	5'	7'	1/8"	1.5"	12"	1.5"	12"	558	✓	200	-3.0	5 PV
3	SV9-5	SV0080	7/17	0913	5'	7'	1/8"	1.5"	12"	1.5"	12"	1193	✓	200	-15.0	10 PV
4	SV9-10	SV0080	7/17	0948	10'	12'	1/8"	1.5"	12"	1.5"	12"	324	✓	200	-12.0	1 PV
5	SV9-10-Rep	SV0073	7/17	0949	10'	12'	1/8"	1.5"	12"	1.5"	12"	424	✓	200	-12.0	
6	SV9-38	SV0080	7/17	1028	38'	40'	1/8"	1.5"	12"	1.5"	12"	350	✓	200	-14.0	
7	VP-5-5'	124	7/17	1046	5'	5'	3/4" PVC					434	✓	200	0.0	
8	VP-5-10'	90	7/17	1054	10'	10'	3/4" PVC					564	✓	200	0.0	
9	VP-4-5'	89	7/17	1111	5'	5'	3/4" PVC					434	✓	200	0.0	
10	VP-4-10'	128	7/17	1122	10'	10'	3/4" PVC					869	✓	200	0.0	
11	VP-4-10'-Rep	88	7/17	1123	10'	10'	3/4" PVC					919	✓	200	0.0	
12	VP-3-5'	105	7/17	1247	5'	5'	3/4" PVC					434	✓	200	0.0	

Purge Volume Calculation

Probe ID for PVT, if applicable:			
Tubing:	Length:	Diameter:	1 Volume:
Sand Pack (if included in purge volume calculation):	Height:	Diameter:	1 Volume:
Dry Bentonite (if included in purge volume calculation):	Height:	Diameter:	1 Volume:
PVT Increments:	___PV =	___PV=	___PV =
PV Amount Selected:		*Selected by:*	

Leak Check Information

Leak Check Compound & Procedure: 1,1 DFA Liquid

Other Notes: 1 PV selected

PA2014-110

Vapor Sampling with Mobile Lab (Syringe)

H&P Mobile Geochemistry Inc.

H&P Project #: ENV071713 - TCSIL
Site Address: 775-777 W. 16th St., Costa Mesa
Consultant: Environ
Field Rep(s): Brian
H&P Rep(s): LK

Date: 7/17/2013
Arrival Time: 0700
Departure Time: 600
Overtime:
Approved By:

Office Use Only:
Reviewed: BB
Scanned:

Page ____ of ____

	Point ID	Syringe ID	Date	Sample Time	Probe Specs: Probe Depth (ft)	Probe Specs: Tubing Length (ft)	Probe Specs: Tubing Dia (in.)	Probe Specs: Sand Pack Dia (in.)	Probe Specs: Sand Pack Ht (in.)	Probe Specs: Dry Bent. Dia (in.)	Probe Specs: Dry Bent. Ht (in.)	Sample Information: Purge Vol (mL)	Sample Information: Shut-in Test (✓=Pass)	Sample Information: Flow Rate (mL/min)	Sample Information: Probe Pressure ("Hg)	Field Notes:
1	VP-3-10	120	7/17	1253	10'	10'	3/4" PK					869	✓	200	-35.0	
2	SVG-3B	SV0073	7/17	1353	38'	40'	1/8"	1.5"	12"	1.5"	12"	350	✓	200	-5.0	Reruns
3	VP-2-5	89	7/17	1424	5'	5'	3/4" PK					434	✓	200	-2.5.0	
4	VP-2-10	88	7/17	1438	10'	10'	3/4" PK					869	✓	200	0.0	
5	VP-1-5	124	7/17	1543	5'	5'	3/4" PK					434	✓	200	0.0	
6																
7																
8																
9																
10																
11																
12																

Purge Volume Calculation

Probe ID for PVT, if applicable:			
Tubing:	Length:	Diameter:	1 Volume:
Sand Pack (if included in purge volume calculation):	Height:	Diameter:	1 Volume:
Dry Bentonite (if included in purge volume calculation):	Height:	Diameter:	1 Volume:
PVT Increments:	___PV =	___PV=	___PV =
PV Amount Selected:	*Selected by:*		

Leak Check Information

Leak Check Compound & Procedure:

Other Notes:

PA2014-110

Vapor Sampling with Mobile Lab (Syringe)

H&P Mobile Geochemistry Inc.

H&P Project #: ENV07013-041 TECH
Site Address: 775-777 W. Iowa St. Costa Mesa
Consultant: Environ
Field Rep(s): Brian
H&P Rep(s): Ian

Date: 7/18/2013
Arrival Time: 0700
Departure Time: 1630
Overtime:
Approved By:

Office Use Only:
Reviewed: DB
Scanned:

Page ____ of ____

	Point ID	Syringe ID	Date	Sample Time	Probe Specs: Probe Depth (ft)	Tubing Length (ft)	Tubing Dia (in.)	Sand Pack Dia (in.)	Sand Pack Ht (in.)	Dry Bent. Dia (in.)	Dry Bent. Ht (in.)	Sample Information: Purge Vol (mL)	Shut-in Test (✓=Pass)	Flow Rate (mL/min)	Probe Pressure ("Hg)	Field Notes:
1	VP-1-5	89	7/18	1008	5'	5'	3/4" PVC					434	✓	200	0.0	Brian
2	VP-1-10	88	7/18	1016	10'	10'	3/4" PVC					869	✓	200	0.0	
3	VP-2-10	120	7/18	1058	10'	10'	3/4" PVC					869	✓	200	0.0	Brian
4	SV-11-5	SV0073	7/18	~~1220~~	~~5'~~	~~7'~~	~~1/8"~~	1.5"	~~12"~~	~~1.5"~~	12"	~~348~~	✓	~~200~~	No Sample -> H2O	
5	SV-11-10	SV0073	7/18	1235	10'	11'	1/8"	1.5"	12"	1.5"	12"	323	✓	200	0.0	
6	SV-11-10 Rep	SV0073	7/18	1237	10'	11'	1/8"	1.5"	12"	1.5"	12"	423	✓	200	0.0	
7	SV-10-5	SV0073	7/18	1326	5'	6'	1/8"	2.25"	12"	2.25"	12"	709	✓	200	0.0	
8	SV-10-10	SV0073	7/18	1355	10'	11'	1/8"	2.25"	12"	2.25"	12"	714	✓	200	0.0	
9	VP-9-5	90	7/18	1411	5'	5'	3/4" PVC					434	✓	200	0.0	
10	VP-9-5-Rep	105	7/18	1412	5'	5'	3/4" PVC					484	✓	200	0.0	
11	VP-9-10	128	7/18	1421	10'	10'	3/4" PVC					869	✓	200	0.0	
12	SV-8-C	SV0080	7/18	1525	6'	8'	1/8"	1.5"	12"	1.5"	12"	320	✓	200	-70.0	

Purge Volume Calculation

Probe ID for PVT, if applicable:			
Tubing:	Length:	Diameter:	1 Volume:
Sand Pack (if included in purge volume calculation):	Height:	Diameter:	1 Volume:
Dry Bentonite (if included in purge volume calculation):	Height:	Diameter:	1 Volume:
PVT Increments:	___PV =	___PV=	___PV =
PV Amount Selected:	*Selected by:*		

Leak Check Information

Leak Check Compound & Procedure: 1,1 DFA liquid

Other Notes: 1 PV selected

PA2014-110

Vapor Sampling with Mobile Lab (Syringe)

H&P Mobile Geochemistry Inc.

H&P Project #: ENV071713-L4/TECH
Site Address: 775-777 W 16th St., Costa Mesa
Consultant: Environ
Field Rep(s): Brian
H&P Rep(s): LK

Date: 7/18/2013
Arrival Time: 0700
Departure Time: 1630
Overtime:
Approved By:

Office Use Only:
Reviewed: BB
Scanned:

Page ____ of ____

					Probe Specs							Sample Information				
	Point ID	Syringe ID	Date	Sample Time	Probe Depth (ft)	Tubing Length (ft)	Tubing Dia (in.)	Sand Pack Dia (in.)	Sand Pack Ht (in.)	Dry Bent. Dia (in.)	Dry Bent. Ht (in.)	Purge Vol (mL)	Shut-in Test (✓=Pass)	Flow Rate (mL/min)	Probe Pressure ("Hg)	Field Notes:
1	SV-8-10	SV0073	7/18	1544	10'	12'	1/8"	1.5"	12"	1.5"	4"	723	✓	200	-65.0	
2	NP-8-5	105	7/18	1620	5'	5'	3/4" AC					434	✓	200	0.0	
3	VP-8-10	90	7/18	1626	10'	10'	3/4" AC					869	✓	200	0.0	
4																
5																
6																
7																
8																
9																
10																
11																
12																

Purge Volume Calculation			
Probe ID for PVT, if applicable:			
Tubing:	Length:	Diameter:	1 Volume:
Sand Pack (if included in purge volume calculation):	Height:	Diameter:	1 Volume:
Dry Bentonite (if included in purge volume calculation):	Height:	Diameter:	1 Volume:
PVT Increments:	___PV =	___PV=	___PV =
PV Amount Selected:	*Selected by:*		

Leak Check Information
Leak Check Compound & Procedure:
Other Notes:

PA2014-110

Vapor Sampling with Mobile Lab (Syringe)

H&P Mobile Geochemistry Inc.

H&P Project #: ENV071713-L4 Day 3
Site Address: 775-777 W. 16th St
Consultant: Environ
Field Rep(s): Brian Bauer
H&P Rep(s): Holly R.

Date: 7/19/13
Arrival Time: 7:00 am
Departure Time: 12:45 am
Overtime:
Approved By:

Office Use Only:
Reviewed: DB
Scanned:

Page ____ of ____

	Point ID	Syringe ID	Date	Sample Time	Probe Specs: Probe Depth (ft)	Probe Specs: Tubing Length (ft)	Probe Specs: Tubing Dia (in.)	Probe Specs: Sand Pack Dia (in.)	Probe Specs: Sand Pack Ht (in.)	Probe Specs: Dry Bent. Dia (in.)	Probe Specs: Dry Bent. Ht (in.)	Sample Information: Purge Vol (mL)	Sample Information: Shut-in Test (✓=Pass)	Sample Information: Flow Rate (mL/min)	Sample Information: Probe Pressure ("Hg)	Field Notes:
1	VP-1-10	128	7/19	8:19	10'	10'	3/4 PVC					869	✓	200	∅	
2	SV-11-5	80		8:30	5	7'	1/8	1.5	12	1.5	12	319	✓	200	∅	
3	VP-6-4	112		9:09	4	4	3/4 PVC					347	✓	200	∅	
4	VP-6-4 Rep	105		9:10	4	4	3/4 PVC					397	✓	200	∅	
5	VP-7-4	88		9:47	4	4	3/4 PVC					347	✓	200	∅	
6	VP-7-10	89		9:51	10	10	3/4 PVC		HR			869	✓	200	∅	
7	VP-6-10	124		10:25	10	10	3/4 PVC	~~2.25~~	~~12~~	~~2.25~~	~~12~~	869	✓	200	∅	
8	SV-7-40	105		10:51	40	42	1/8	2.25	12	2.25	12	743	✓	200	<5	
9	SV-3-40	128		11:23	40	42	1/8	2.25	12	2.25	12	743	✓	200	<5	
10	SV-4-40	112		11:35	40	42	1/8	2.25	12	2.25	12	743	✓	200	<5	
11																
12																

Purge Volume Calculation			
Probe ID for PVT, if applicable:			
Tubing:	Length:	Diameter:	1 Volume:
Sand Pack (if included in purge volume calculation):	Height:	Diameter:	1 Volume:
Dry Bentonite (if included in purge volume calculation):	Height:	Diameter:	1 Volume:
PVT Increments:	___PV =	___PV=	___PV =
PV Amount Selected:	*Selected by:*		

Leak Check Information

Leak Check Compound & Procedure: 1,1 DFA

Other Notes: client asked to purge VP-6 + VP-7 at 4 feet not 5 feet.

Test America – Soil and Groundwater Analytical Results

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING



ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Irvine
17461 Derian Ave
Suite 100
Irvine, CA 92614-5817
Tel: (949)261-1022

TestAmerica Job ID: 440-51690-1
Client Project/Site: AEA Costa Mesa, 05-31819A

For:
ENVIRON International Corp.
18100 Von Karman Avenue
Irvine, California 92612

Attn: Mr. Jeff Raumin

Authorized for release by:
7/23/2013 5:22:37 PM

Patty Mata, Project Manager I
patty.mata@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Cover Page 1
Table of Contents 2
Sample Summary 3
Case Narrative 4
Client Sample Results 5
Method Summary 32
Chronicle 33
QC Sample Results 37
QC Association 63
Definitions 65
Certification Summary 66
Chain of Custody 67
Receipt Checklists 70

Sample Summary

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51690-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-51690-1	EB-1-5	Solid	07/15/13 08:31	07/15/13 18:30
440-51690-2	EB-1-10	Solid	07/15/13 08:40	07/15/13 18:30
440-51690-3	EB-1-20	Solid	07/15/13 08:52	07/15/13 18:30
440-51690-5	EB-1-30	Solid	07/15/13 09:25	07/15/13 18:30
440-51690-6	EB-1-40	Solid	07/15/13 10:30	07/15/13 18:30
440-51690-9	EB-1-HP-46.5	Water	07/15/13 11:00	07/15/13 18:30
440-51690-10	EB-2-5	Solid	07/15/13 12:10	07/15/13 18:30
440-51690-11	EB-2-10	Solid	07/15/13 12:18	07/15/13 18:30
440-51690-13	EB-2-20	Solid	07/15/13 12:30	07/15/13 18:30
440-51690-15	EB-2-30	Solid	07/15/13 12:42	07/15/13 18:30
440-51690-17	EB-2-40	Solid	07/15/13 13:05	07/15/13 18:30
440-51690-20	EB-2-HP-45.3	Water	07/15/13 13:50	07/15/13 18:30
440-51690-21	EB-3-5	Solid	07/15/13 15:20	07/15/13 18:30
440-51690-22	EB-3-10	Solid	07/15/13 15:25	07/15/13 18:30
440-51690-24	EB-3-20	Solid	07/15/13 15:45	07/15/13 18:30
440-51690-26	EB-3-30	Solid	07/15/13 16:00	07/15/13 18:30
440-51690-28	EB-3-40	Solid	07/15/13 16:12	07/15/13 18:30
440-51690-30	TB-071513	Water	07/15/13 08:00	07/15/13 18:30
440-51690-31	EB-3-HP-43.6	Water	07/15/13 17:05	07/15/13 18:30

Case Narrative

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51690-1

Job ID: 440-51690-1

Laboratory: TestAmerica Irvine

Narrative

Job Narrative
440-51690-1

Comments
No additional comments.

Receipt
The samples were received on 7/15/2013 6:30 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.8º C.

GC/MS VOA
Method 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for selected analytes in batch 118225 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method 8260B: The continuing calibration verification (CCV) for Bromoform associated with batch 118225 recovered above the upper control limit. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8260B: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for batch 118359 recovered outside control limits for Trichlorofluoromethane. The analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Method 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for selected analytes in batch 118359 were outside control limits.

Method 8260B: The following volatile sample was analyzed with headspace in the sample vial due to need for re-analysis and multiple injections: EB-2-HP-45.3 (440-51690-20).

No other analytical or quality issues were noted.

VOA Prep
No analytical or quality issues were noted.

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51690-1

Client Sample ID: EB-1-5
Date Collected: 07/15/13 08:31
Date Received: 07/15/13 18:30

Lab Sample ID: 440-51690-1
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 13:07	1
Bromobenzene	ND		4.5		ug/Kg		07/16/13 13:23	07/17/13 13:07	1
Bromochloromethane	ND		4.5		ug/Kg		07/16/13 13:23	07/17/13 13:07	1
Bromodichloromethane	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 13:07	1
Bromoform	ND		4.5		ug/Kg		07/16/13 13:23	07/17/13 13:07	1
Bromomethane	ND		4.5		ug/Kg		07/16/13 13:23	07/17/13 13:07	1
Carbon tetrachloride	ND		4.5		ug/Kg		07/16/13 13:23	07/17/13 13:07	1
Chlorobenzene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 13:07	1
Chloroethane	ND		4.5		ug/Kg		07/16/13 13:23	07/17/13 13:07	1
Chloroform	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 13:07	1
Chloromethane	ND		4.5		ug/Kg		07/16/13 13:23	07/17/13 13:07	1
2-Chlorotoluene	ND		4.5		ug/Kg		07/16/13 13:23	07/17/13 13:07	1
4-Chlorotoluene	ND		4.5		ug/Kg		07/16/13 13:23	07/17/13 13:07	1
cis-1,2-Dichloroethene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 13:07	1
cis-1,3-Dichloropropene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 13:07	1
Dibromochloromethane	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 13:07	1
1,2-Dibromo-3-Chloropropane	ND		4.5		ug/Kg		07/16/13 13:23	07/17/13 13:07	1
1,2-Dibromoethane (EDB)	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 13:07	1
Dibromomethane	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 13:07	1
1,2-Dichlorobenzene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 13:07	1
1,3-Dichlorobenzene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 13:07	1
1,4-Dichlorobenzene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 13:07	1
Dichlorodifluoromethane	ND		4.5		ug/Kg		07/16/13 13:23	07/17/13 13:07	1
1,1-Dichloroethane	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 13:07	1
1,2-Dichloroethane	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 13:07	1
1,1-Dichloroethene	ND		4.5		ug/Kg		07/16/13 13:23	07/17/13 13:07	1
1,2-Dichloropropane	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 13:07	1
1,3-Dichloropropane	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 13:07	1
2,2-Dichloropropane	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 13:07	1
1,1-Dichloropropene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 13:07	1
Ethylbenzene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 13:07	1
Hexachlorobutadiene	ND		4.5		ug/Kg		07/16/13 13:23	07/17/13 13:07	1
Isopropylbenzene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 13:07	1
Methylene Chloride	ND		18		ug/Kg		07/16/13 13:23	07/17/13 13:07	1
m,p-Xylene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 13:07	1
Naphthalene	ND		4.5		ug/Kg		07/16/13 13:23	07/17/13 13:07	1
n-Butylbenzene	ND		4.5		ug/Kg		07/16/13 13:23	07/17/13 13:07	1
N-Propylbenzene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 13:07	1
o-Xylene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 13:07	1
p-Isopropyltoluene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 13:07	1
sec-Butylbenzene	ND		4.5		ug/Kg		07/16/13 13:23	07/17/13 13:07	1
Styrene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 13:07	1
tert-Butylbenzene	ND		4.5		ug/Kg		07/16/13 13:23	07/17/13 13:07	1
1,1,1,2-Tetrachloroethane	ND		4.5		ug/Kg		07/16/13 13:23	07/17/13 13:07	1
1,1,2,2-Tetrachloroethane	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 13:07	1
Tetrachloroethene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 13:07	1
Toluene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 13:07	1
trans-1,2-Dichloroethene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 13:07	1
trans-1,3-Dichloropropene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 13:07	1

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51690-1

Client Sample ID: EB-1-5

Date Collected: 07/15/13 08:31
Date Received: 07/15/13 18:30

Lab Sample ID: 440-51690-1
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	ND		4.5		ug/Kg		07/16/13 13:23	07/17/13 13:07	1
1,2,4-Trichlorobenzene	ND		4.5		ug/Kg		07/16/13 13:23	07/17/13 13:07	1
1,1,1-Trichloroethane	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 13:07	1
1,1,2-Trichloroethane	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 13:07	1
Trichloroethene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 13:07	1
Trichlorofluoromethane	ND		4.5		ug/Kg		07/16/13 13:23	07/17/13 13:07	1
1,2,3-Trichloropropane	ND		9.0		ug/Kg		07/16/13 13:23	07/17/13 13:07	1
1,2,4-Trimethylbenzene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 13:07	1
1,3,5-Trimethylbenzene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 13:07	1
Vinyl chloride	ND		4.5		ug/Kg		07/16/13 13:23	07/17/13 13:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*80 - 120*	*07/16/13 13:23*	*07/17/13 13:07*	*1*
Dibromofluoromethane (Surr)	*86*		*80 - 125*	*07/16/13 13:23*	*07/17/13 13:07*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*07/16/13 13:23*	*07/17/13 13:07*	*1*

Client Sample ID: EB-1-10

Date Collected: 07/15/13 08:40
Date Received: 07/15/13 18:30

Lab Sample ID: 440-51690-2
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 22:05	1
Bromobenzene	ND		4.8		ug/Kg		07/16/13 13:23	07/17/13 22:05	1
Bromochloromethane	ND		4.8		ug/Kg		07/16/13 13:23	07/17/13 22:05	1
Bromodichloromethane	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 22:05	1
Bromoform	ND		4.8		ug/Kg		07/16/13 13:23	07/17/13 22:05	1
Bromomethane	ND		4.8		ug/Kg		07/16/13 13:23	07/17/13 22:05	1
Carbon tetrachloride	ND		4.8		ug/Kg		07/16/13 13:23	07/17/13 22:05	1
Chlorobenzene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 22:05	1
Chloroethane	ND		4.8		ug/Kg		07/16/13 13:23	07/17/13 22:05	1
Chloroform	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 22:05	1
Chloromethane	ND		4.8		ug/Kg		07/16/13 13:23	07/17/13 22:05	1
2-Chlorotoluene	ND		4.8		ug/Kg		07/16/13 13:23	07/17/13 22:05	1
4-Chlorotoluene	ND		4.8		ug/Kg		07/16/13 13:23	07/17/13 22:05	1
cis-1,2-Dichloroethene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 22:05	1
cis-1,3-Dichloropropene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 22:05	1
Dibromochloromethane	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 22:05	1
1,2-Dibromo-3-Chloropropane	ND		4.8		ug/Kg		07/16/13 13:23	07/17/13 22:05	1
1,2-Dibromoethane (EDB)	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 22:05	1
Dibromomethane	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 22:05	1
1,2-Dichlorobenzene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 22:05	1
1,3-Dichlorobenzene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 22:05	1
1,4-Dichlorobenzene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 22:05	1
Dichlorodifluoromethane	ND		4.8		ug/Kg		07/16/13 13:23	07/17/13 22:05	1
1,1-Dichloroethane	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 22:05	1
1,2-Dichloroethane	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 22:05	1
1,1-Dichloroethene	ND		4.8		ug/Kg		07/16/13 13:23	07/17/13 22:05	1
1,2-Dichloropropane	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 22:05	1
1,3-Dichloropropane	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 22:05	1

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51690-1

Client Sample ID: EB-1-10

Lab Sample ID: 440-51690-2

Date Collected: 07/15/13 08:40

Matrix: Solid

Date Received: 07/15/13 18:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
2,2-Dichloropropane	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 22:05	1
1,1-Dichloropropene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 22:05	1
Ethylbenzene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 22:05	1
Hexachlorobutadiene	ND		4.8		ug/Kg		07/16/13 13:23	07/17/13 22:05	1
Isopropylbenzene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 22:05	1
Methylene Chloride	ND		19		ug/Kg		07/16/13 13:23	07/17/13 22:05	1
m,p-Xylene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 22:05	1
Naphthalene	ND		4.8		ug/Kg		07/16/13 13:23	07/17/13 22:05	1
n-Butylbenzene	ND		4.8		ug/Kg		07/16/13 13:23	07/17/13 22:05	1
N-Propylbenzene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 22:05	1
o-Xylene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 22:05	1
p-Isopropyltoluene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 22:05	1
sec-Butylbenzene	ND		4.8		ug/Kg		07/16/13 13:23	07/17/13 22:05	1
Styrene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 22:05	1
tert-Butylbenzene	ND		4.8		ug/Kg		07/16/13 13:23	07/17/13 22:05	1
1,1,1,2-Tetrachloroethane	ND		4.8		ug/Kg		07/16/13 13:23	07/17/13 22:05	1
1,1,2,2-Tetrachloroethane	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 22:05	1
Tetrachloroethene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 22:05	1
Toluene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 22:05	1
trans-1,2-Dichloroethene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 22:05	1
trans-1,3-Dichloropropene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 22:05	1
1,2,3-Trichlorobenzene	ND		4.8		ug/Kg		07/16/13 13:23	07/17/13 22:05	1
1,2,4-Trichlorobenzene	ND		4.8		ug/Kg		07/16/13 13:23	07/17/13 22:05	1
1,1,1-Trichloroethane	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 22:05	1
1,1,2-Trichloroethane	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 22:05	1
Trichloroethene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 22:05	1
Trichlorofluoromethane	ND		4.8		ug/Kg		07/16/13 13:23	07/17/13 22:05	1
1,2,3-Trichloropropane	ND		9.7		ug/Kg		07/16/13 13:23	07/17/13 22:05	1
1,2,4-Trimethylbenzene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 22:05	1
1,3,5-Trimethylbenzene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 22:05	1
Vinyl chloride	ND		4.8		ug/Kg		07/16/13 13:23	07/17/13 22:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*80 - 120*	*07/16/13 13:23*	*07/17/13 22:05*	*1*
Dibromofluoromethane (Surr)	*105*		*80 - 125*	*07/16/13 13:23*	*07/17/13 22:05*	*1*
Toluene-d8 (Surr)	*107*		*80 - 120*	*07/16/13 13:23*	*07/17/13 22:05*	*1*

Client Sample ID: EB-1-20

Lab Sample ID: 440-51690-3

Date Collected: 07/15/13 08:52

Matrix: Solid

Date Received: 07/15/13 18:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 14:06	1
Bromobenzene	ND		5.2		ug/Kg		07/16/13 13:23	07/17/13 14:06	1
Bromochloromethane	ND		5.2		ug/Kg		07/16/13 13:23	07/17/13 14:06	1
Bromodichloromethane	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 14:06	1
Bromoform	ND		5.2		ug/Kg		07/16/13 13:23	07/17/13 14:06	1
Bromomethane	ND		5.2		ug/Kg		07/16/13 13:23	07/17/13 14:06	1
Carbon tetrachloride	ND		5.2		ug/Kg		07/16/13 13:23	07/17/13 14:06	1

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51690-1

Client Sample ID: EB-1-20
Date Collected: 07/15/13 08:52
Date Received: 07/15/13 18:30

Lab Sample ID: 440-51690-3
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 14:06	1
Chloroethane	ND		5.2		ug/Kg		07/16/13 13:23	07/17/13 14:06	1
Chloroform	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 14:06	1
Chloromethane	ND		5.2		ug/Kg		07/16/13 13:23	07/17/13 14:06	1
2-Chlorotoluene	ND		5.2		ug/Kg		07/16/13 13:23	07/17/13 14:06	1
4-Chlorotoluene	ND		5.2		ug/Kg		07/16/13 13:23	07/17/13 14:06	1
cis-1,2-Dichloroethene	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 14:06	1
cis-1,3-Dichloropropene	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 14:06	1
Dibromochloromethane	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 14:06	1
1,2-Dibromo-3-Chloropropane	ND		5.2		ug/Kg		07/16/13 13:23	07/17/13 14:06	1
1,2-Dibromoethane (EDB)	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 14:06	1
Dibromomethane	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 14:06	1
1,2-Dichlorobenzene	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 14:06	1
1,3-Dichlorobenzene	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 14:06	1
1,4-Dichlorobenzene	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 14:06	1
Dichlorodifluoromethane	ND		5.2		ug/Kg		07/16/13 13:23	07/17/13 14:06	1
1,1-Dichloroethane	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 14:06	1
1,2-Dichloroethane	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 14:06	1
1,1-Dichloroethene	ND		5.2		ug/Kg		07/16/13 13:23	07/17/13 14:06	1
1,2-Dichloropropane	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 14:06	1
1,3-Dichloropropane	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 14:06	1
2,2-Dichloropropane	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 14:06	1
1,1-Dichloropropene	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 14:06	1
Ethylbenzene	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 14:06	1
Hexachlorobutadiene	ND		5.2		ug/Kg		07/16/13 13:23	07/17/13 14:06	1
Isopropylbenzene	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 14:06	1
Methylene Chloride	ND		21		ug/Kg		07/16/13 13:23	07/17/13 14:06	1
m,p-Xylene	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 14:06	1
Naphthalene	ND		5.2		ug/Kg		07/16/13 13:23	07/17/13 14:06	1
n-Butylbenzene	ND		5.2		ug/Kg		07/16/13 13:23	07/17/13 14:06	1
N-Propylbenzene	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 14:06	1
o-Xylene	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 14:06	1
p-Isopropyltoluene	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 14:06	1
sec-Butylbenzene	ND		5.2		ug/Kg		07/16/13 13:23	07/17/13 14:06	1
Styrene	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 14:06	1
tert-Butylbenzene	ND		5.2		ug/Kg		07/16/13 13:23	07/17/13 14:06	1
1,1,1,2-Tetrachloroethane	ND		5.2		ug/Kg		07/16/13 13:23	07/17/13 14:06	1
1,1,2,2-Tetrachloroethane	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 14:06	1
Tetrachloroethene	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 14:06	1
Toluene	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 14:06	1
trans-1,2-Dichloroethene	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 14:06	1
trans-1,3-Dichloropropene	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 14:06	1
1,2,3-Trichlorobenzene	ND		5.2		ug/Kg		07/16/13 13:23	07/17/13 14:06	1
1,2,4-Trichlorobenzene	ND		5.2		ug/Kg		07/16/13 13:23	07/17/13 14:06	1
1,1,1-Trichloroethane	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 14:06	1
1,1,2-Trichloroethane	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 14:06	1
Trichloroethene	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 14:06	1
Trichlorofluoromethane	ND		5.2		ug/Kg		07/16/13 13:23	07/17/13 14:06	1
1,2,3-Trichloropropane	ND		10		ug/Kg		07/16/13 13:23	07/17/13 14:06	1

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51690-1

Client Sample ID: EB-1-20

Lab Sample ID: 440-51690-3

Date Collected: 07/15/13 08:52
Matrix: Solid
Date Received: 07/15/13 18:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 14:06	1
1,3,5-Trimethylbenzene	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 14:06	1
Vinyl chloride	ND		5.2		ug/Kg		07/16/13 13:23	07/17/13 14:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*80 - 120*	*07/16/13 13:23*	*07/17/13 14:06*	*1*
Dibromofluoromethane (Surr)	*93*		*80 - 125*	*07/16/13 13:23*	*07/17/13 14:06*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*07/16/13 13:23*	*07/17/13 14:06*	*1*

Client Sample ID: EB-1-30

Lab Sample ID: 440-51690-5

Date Collected: 07/15/13 09:25
Matrix: Solid
Date Received: 07/15/13 18:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 14:36	1
Bromobenzene	ND		4.4		ug/Kg		07/16/13 13:23	07/17/13 14:36	1
Bromochloromethane	ND		4.4		ug/Kg		07/16/13 13:23	07/17/13 14:36	1
Bromodichloromethane	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 14:36	1
Bromoform	ND		4.4		ug/Kg		07/16/13 13:23	07/17/13 14:36	1
Bromomethane	ND		4.4		ug/Kg		07/16/13 13:23	07/17/13 14:36	1
Carbon tetrachloride	ND		4.4		ug/Kg		07/16/13 13:23	07/17/13 14:36	1
Chlorobenzene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 14:36	1
Chloroethane	ND		4.4		ug/Kg		07/16/13 13:23	07/17/13 14:36	1
Chloroform	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 14:36	1
Chloromethane	ND		4.4		ug/Kg		07/16/13 13:23	07/17/13 14:36	1
2-Chlorotoluene	ND		4.4		ug/Kg		07/16/13 13:23	07/17/13 14:36	1
4-Chlorotoluene	ND		4.4		ug/Kg		07/16/13 13:23	07/17/13 14:36	1
cis-1,2-Dichloroethene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 14:36	1
cis-1,3-Dichloropropene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 14:36	1
Dibromochloromethane	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 14:36	1
1,2-Dibromo-3-Chloropropane	ND		4.4		ug/Kg		07/16/13 13:23	07/17/13 14:36	1
1,2-Dibromoethane (EDB)	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 14:36	1
Dibromomethane	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 14:36	1
1,2-Dichlorobenzene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 14:36	1
1,3-Dichlorobenzene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 14:36	1
1,4-Dichlorobenzene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 14:36	1
Dichlorodifluoromethane	ND		4.4		ug/Kg		07/16/13 13:23	07/17/13 14:36	1
1,1-Dichloroethane	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 14:36	1
1,2-Dichloroethane	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 14:36	1
1,1-Dichloroethene	ND		4.4		ug/Kg		07/16/13 13:23	07/17/13 14:36	1
1,2-Dichloropropane	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 14:36	1
1,3-Dichloropropane	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 14:36	1
2,2-Dichloropropane	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 14:36	1
1,1-Dichloropropene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 14:36	1
Ethylbenzene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 14:36	1
Hexachlorobutadiene	ND		4.4		ug/Kg		07/16/13 13:23	07/17/13 14:36	1
Isopropylbenzene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 14:36	1
Methylene Chloride	ND		18		ug/Kg		07/16/13 13:23	07/17/13 14:36	1
m,p-Xylene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 14:36	1

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51690-1

Client Sample ID: EB-1-30

Lab Sample ID: 440-51690-5

Date Collected: 07/15/13 09:25

Matrix: Solid

Date Received: 07/15/13 18:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		4.4		ug/Kg		07/16/13 13:23	07/17/13 14:36	1
n-Butylbenzene	ND		4.4		ug/Kg		07/16/13 13:23	07/17/13 14:36	1
N-Propylbenzene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 14:36	1
o-Xylene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 14:36	1
p-Isopropyltoluene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 14:36	1
sec-Butylbenzene	ND		4.4		ug/Kg		07/16/13 13:23	07/17/13 14:36	1
Styrene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 14:36	1
tert-Butylbenzene	ND		4.4		ug/Kg		07/16/13 13:23	07/17/13 14:36	1
1,1,1,2-Tetrachloroethane	ND		4.4		ug/Kg		07/16/13 13:23	07/17/13 14:36	1
1,1,2,2-Tetrachloroethane	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 14:36	1
Tetrachloroethene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 14:36	1
Toluene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 14:36	1
trans-1,2-Dichloroethene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 14:36	1
trans-1,3-Dichloropropene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 14:36	1
1,2,3-Trichlorobenzene	ND		4.4		ug/Kg		07/16/13 13:23	07/17/13 14:36	1
1,2,4-Trichlorobenzene	ND		4.4		ug/Kg		07/16/13 13:23	07/17/13 14:36	1
1,1,1-Trichloroethane	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 14:36	1
1,1,2-Trichloroethane	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 14:36	1
Trichloroethene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 14:36	1
Trichlorofluoromethane	ND		4.4		ug/Kg		07/16/13 13:23	07/17/13 14:36	1
1,2,3-Trichloropropane	ND		8.8		ug/Kg		07/16/13 13:23	07/17/13 14:36	1
1,2,4-Trimethylbenzene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 14:36	1
1,3,5-Trimethylbenzene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 14:36	1
Vinyl chloride	ND		4.4		ug/Kg		07/16/13 13:23	07/17/13 14:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*80 - 120*	*07/16/13 13:23*	*07/17/13 14:36*	*1*
Dibromofluoromethane (Surr)	*92*		*80 - 125*	*07/16/13 13:23*	*07/17/13 14:36*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*	*07/16/13 13:23*	*07/17/13 14:36*	*1*

Client Sample ID: EB-1-40

Lab Sample ID: 440-51690-6

Date Collected: 07/15/13 10:30

Matrix: Solid

Date Received: 07/15/13 18:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 15:05	1
Bromobenzene	ND		5.2		ug/Kg		07/16/13 13:23	07/17/13 15:05	1
Bromochloromethane	ND		5.2		ug/Kg		07/16/13 13:23	07/17/13 15:05	1
Bromodichloromethane	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 15:05	1
Bromoform	ND		5.2		ug/Kg		07/16/13 13:23	07/17/13 15:05	1
Bromomethane	ND		5.2		ug/Kg		07/16/13 13:23	07/17/13 15:05	1
Carbon tetrachloride	ND		5.2		ug/Kg		07/16/13 13:23	07/17/13 15:05	1
Chlorobenzene	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 15:05	1
Chloroethane	ND		5.2		ug/Kg		07/16/13 13:23	07/17/13 15:05	1
Chloroform	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 15:05	1
Chloromethane	ND		5.2		ug/Kg		07/16/13 13:23	07/17/13 15:05	1
2-Chlorotoluene	ND		5.2		ug/Kg		07/16/13 13:23	07/17/13 15:05	1
4-Chlorotoluene	ND		5.2		ug/Kg		07/16/13 13:23	07/17/13 15:05	1
cis-1,2-Dichloroethene	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 15:05	1

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51690-1

Client Sample ID: EB-1-40
Date Collected: 07/15/13 10:30
Date Received: 07/15/13 18:30

Lab Sample ID: 440-51690-6
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 15:05	1
Dibromochloromethane	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 15:05	1
1,2-Dibromo-3-Chloropropane	ND		5.2		ug/Kg		07/16/13 13:23	07/17/13 15:05	1
1,2-Dibromoethane (EDB)	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 15:05	1
Dibromomethane	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 15:05	1
1,2-Dichlorobenzene	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 15:05	1
1,3-Dichlorobenzene	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 15:05	1
1,4-Dichlorobenzene	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 15:05	1
Dichlorodifluoromethane	ND		5.2		ug/Kg		07/16/13 13:23	07/17/13 15:05	1
1,1-Dichloroethane	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 15:05	1
1,2-Dichloroethane	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 15:05	1
1,1-Dichloroethene	ND		5.2		ug/Kg		07/16/13 13:23	07/17/13 15:05	1
1,2-Dichloropropane	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 15:05	1
1,3-Dichloropropane	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 15:05	1
2,2-Dichloropropane	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 15:05	1
1,1-Dichloropropene	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 15:05	1
Ethylbenzene	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 15:05	1
Hexachlorobutadiene	ND		5.2		ug/Kg		07/16/13 13:23	07/17/13 15:05	1
Isopropylbenzene	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 15:05	1
Methylene Chloride	ND		21		ug/Kg		07/16/13 13:23	07/17/13 15:05	1
m,p-Xylene	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 15:05	1
Naphthalene	ND		5.2		ug/Kg		07/16/13 13:23	07/17/13 15:05	1
n-Butylbenzene	ND		5.2		ug/Kg		07/16/13 13:23	07/17/13 15:05	1
N-Propylbenzene	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 15:05	1
o-Xylene	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 15:05	1
p-Isopropyltoluene	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 15:05	1
sec-Butylbenzene	ND		5.2		ug/Kg		07/16/13 13:23	07/17/13 15:05	1
Styrene	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 15:05	1
tert-Butylbenzene	ND		5.2		ug/Kg		07/16/13 13:23	07/17/13 15:05	1
1,1,1,2-Tetrachloroethane	ND		5.2		ug/Kg		07/16/13 13:23	07/17/13 15:05	1
1,1,2,2-Tetrachloroethane	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 15:05	1
Tetrachloroethene	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 15:05	1
Toluene	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 15:05	1
trans-1,2-Dichloroethene	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 15:05	1
trans-1,3-Dichloropropene	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 15:05	1
1,2,3-Trichlorobenzene	ND		5.2		ug/Kg		07/16/13 13:23	07/17/13 15:05	1
1,2,4-Trichlorobenzene	ND		5.2		ug/Kg		07/16/13 13:23	07/17/13 15:05	1
1,1,1-Trichloroethane	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 15:05	1
1,1,2-Trichloroethane	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 15:05	1
Trichloroethene	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 15:05	1
Trichlorofluoromethane	ND		5.2		ug/Kg		07/16/13 13:23	07/17/13 15:05	1
1,2,3-Trichloropropane	ND		10		ug/Kg		07/16/13 13:23	07/17/13 15:05	1
1,2,4-Trimethylbenzene	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 15:05	1
1,3,5-Trimethylbenzene	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 15:05	1
Vinyl chloride	ND		5.2		ug/Kg		07/16/13 13:23	07/17/13 15:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*80 - 120*	*07/16/13 13:23*	*07/17/13 15:05*	*1*
Dibromofluoromethane (Surr)	*92*		*80 - 125*	*07/16/13 13:23*	*07/17/13 15:05*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*	*07/16/13 13:23*	*07/17/13 15:05*	*1*

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51690-1

Client Sample ID: EB-1-HP-46.5
Date Collected: 07/15/13 11:00
Date Received: 07/15/13 18:30

Lab Sample ID: 440-51690-9
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			07/18/13 01:48	1
Bromobenzene	ND		1.0		ug/L			07/18/13 01:48	1
Bromochloromethane	ND		1.0		ug/L			07/18/13 01:48	1
Bromodichloromethane	ND		1.0		ug/L			07/18/13 01:48	1
Bromoform	ND		1.0		ug/L			07/18/13 01:48	1
Bromomethane	ND		1.0		ug/L			07/18/13 01:48	1
Carbon tetrachloride	ND		0.50		ug/L			07/18/13 01:48	1
Chlorobenzene	ND		1.0		ug/L			07/18/13 01:48	1
Chloroethane	ND		1.0		ug/L			07/18/13 01:48	1
Chloroform	ND		1.0		ug/L			07/18/13 01:48	1
Chloromethane	ND		1.0		ug/L			07/18/13 01:48	1
2-Chlorotoluene	ND		1.0		ug/L			07/18/13 01:48	1
4-Chlorotoluene	ND		1.0		ug/L			07/18/13 01:48	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			07/18/13 01:48	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			07/18/13 01:48	1
Dibromochloromethane	ND		1.0		ug/L			07/18/13 01:48	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/L			07/18/13 01:48	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			07/18/13 01:48	1
Dibromomethane	ND		1.0		ug/L			07/18/13 01:48	1
1,2-Dichlorobenzene	ND		1.0		ug/L			07/18/13 01:48	1
1,3-Dichlorobenzene	ND		1.0		ug/L			07/18/13 01:48	1
1,4-Dichlorobenzene	ND		1.0		ug/L			07/18/13 01:48	1
Dichlorodifluoromethane	ND		5.0		ug/L			07/18/13 01:48	1
1,1-Dichloroethane	ND		1.0		ug/L			07/18/13 01:48	1
1,2-Dichloroethane	ND		0.50		ug/L			07/18/13 01:48	1
1,1-Dichloroethene	ND		1.0		ug/L			07/18/13 01:48	1
1,2-Dichloropropane	ND		1.0		ug/L			07/18/13 01:48	1
1,3-Dichloropropane	ND		1.0		ug/L			07/18/13 01:48	1
2,2-Dichloropropane	ND		1.0		ug/L			07/18/13 01:48	1
1,1-Dichloropropene	ND		1.0		ug/L			07/18/13 01:48	1
Ethylbenzene	ND		1.0		ug/L			07/18/13 01:48	1
Hexachlorobutadiene	ND		1.0		ug/L			07/18/13 01:48	1
Isopropylbenzene	ND		1.0		ug/L			07/18/13 01:48	1
Methylene Chloride	ND		5.0		ug/L			07/18/13 01:48	1
m,p-Xylene	ND		1.0		ug/L			07/18/13 01:48	1
Naphthalene	ND		1.0		ug/L			07/18/13 01:48	1
n-Butylbenzene	ND		1.0		ug/L			07/18/13 01:48	1
N-Propylbenzene	ND		1.0		ug/L			07/18/13 01:48	1
o-Xylene	ND		1.0		ug/L			07/18/13 01:48	1
p-Isopropyltoluene	ND		1.0		ug/L			07/18/13 01:48	1
sec-Butylbenzene	ND		1.0		ug/L			07/18/13 01:48	1
Styrene	ND		1.0		ug/L			07/18/13 01:48	1
tert-Butylbenzene	ND		1.0		ug/L			07/18/13 01:48	1
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			07/18/13 01:48	1
1,1,2,2-Tetrachloroethane	ND		1.0		ug/L			07/18/13 01:48	1
Tetrachloroethene	**3.3**		1.0		ug/L			07/18/13 01:48	1
Toluene	ND		1.0		ug/L			07/18/13 01:48	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			07/18/13 01:48	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			07/18/13 01:48	1

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51690-1

Client Sample ID: EB-1-HP-46.5

Lab Sample ID: 440-51690-9

Date Collected: 07/15/13 11:00
Matrix: Water
Date Received: 07/15/13 18:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	ND		1.0		ug/L			07/18/13 01:48	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			07/18/13 01:48	1
1,1,1-Trichloroethane	ND		1.0		ug/L			07/18/13 01:48	1
1,1,2-Trichloroethane	ND		1.0		ug/L			07/18/13 01:48	1
Trichloroethene	**13**		1.0		ug/L			07/18/13 01:48	1
Trichlorofluoromethane	ND		1.0		ug/L			07/18/13 01:48	1
1,2,3-Trichloropropane	ND		1.0		ug/L			07/18/13 01:48	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			07/18/13 01:48	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			07/18/13 01:48	1
Vinyl chloride	ND		0.50		ug/L			07/18/13 01:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*80 - 120*		*07/18/13 01:48*	*1*
Dibromofluoromethane (Surr)	*107*		*80 - 120*		*07/18/13 01:48*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*07/18/13 01:48*	*1*

Client Sample ID: EB-2-5

Lab Sample ID: 440-51690-10

Date Collected: 07/15/13 12:10
Matrix: Solid
Date Received: 07/15/13 18:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 15:35	1
Bromobenzene	ND		4.7		ug/Kg		07/16/13 13:23	07/17/13 15:35	1
Bromochloromethane	ND		4.7		ug/Kg		07/16/13 13:23	07/17/13 15:35	1
Bromodichloromethane	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 15:35	1
Bromoform	ND		4.7		ug/Kg		07/16/13 13:23	07/17/13 15:35	1
Bromomethane	ND		4.7		ug/Kg		07/16/13 13:23	07/17/13 15:35	1
Carbon tetrachloride	ND		4.7		ug/Kg		07/16/13 13:23	07/17/13 15:35	1
Chlorobenzene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 15:35	1
Chloroethane	ND		4.7		ug/Kg		07/16/13 13:23	07/17/13 15:35	1
Chloroform	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 15:35	1
Chloromethane	ND		4.7		ug/Kg		07/16/13 13:23	07/17/13 15:35	1
2-Chlorotoluene	ND		4.7		ug/Kg		07/16/13 13:23	07/17/13 15:35	1
4-Chlorotoluene	ND		4.7		ug/Kg		07/16/13 13:23	07/17/13 15:35	1
cis-1,2-Dichloroethene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 15:35	1
cis-1,3-Dichloropropene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 15:35	1
Dibromochloromethane	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 15:35	1
1,2-Dibromo-3-Chloropropane	ND		4.7		ug/Kg		07/16/13 13:23	07/17/13 15:35	1
1,2-Dibromoethane (EDB)	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 15:35	1
Dibromomethane	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 15:35	1
1,2-Dichlorobenzene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 15:35	1
1,3-Dichlorobenzene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 15:35	1
1,4-Dichlorobenzene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 15:35	1
Dichlorodifluoromethane	ND		4.7		ug/Kg		07/16/13 13:23	07/17/13 15:35	1
1,1-Dichloroethane	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 15:35	1
1,2-Dichloroethane	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 15:35	1
1,1-Dichloroethene	ND		4.7		ug/Kg		07/16/13 13:23	07/17/13 15:35	1
1,2-Dichloropropane	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 15:35	1
1,3-Dichloropropane	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 15:35	1

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51690-1

Client Sample ID: EB-2-5

Lab Sample ID: 440-51690-10

Date Collected: 07/15/13 12:10

Matrix: Solid

Date Received: 07/15/13 18:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
2,2-Dichloropropane	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 15:35	1
1,1-Dichloropropene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 15:35	1
Ethylbenzene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 15:35	1
Hexachlorobutadiene	ND		4.7		ug/Kg		07/16/13 13:23	07/17/13 15:35	1
Isopropylbenzene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 15:35	1
Methylene Chloride	ND		19		ug/Kg		07/16/13 13:23	07/17/13 15:35	1
m,p-Xylene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 15:35	1
Naphthalene	ND		4.7		ug/Kg		07/16/13 13:23	07/17/13 15:35	1
n-Butylbenzene	ND		4.7		ug/Kg		07/16/13 13:23	07/17/13 15:35	1
N-Propylbenzene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 15:35	1
o-Xylene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 15:35	1
p-Isopropyltoluene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 15:35	1
sec-Butylbenzene	ND		4.7		ug/Kg		07/16/13 13:23	07/17/13 15:35	1
Styrene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 15:35	1
tert-Butylbenzene	ND		4.7		ug/Kg		07/16/13 13:23	07/17/13 15:35	1
1,1,1,2-Tetrachloroethane	ND		4.7		ug/Kg		07/16/13 13:23	07/17/13 15:35	1
1,1,2,2-Tetrachloroethane	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 15:35	1
Tetrachloroethene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 15:35	1
Toluene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 15:35	1
trans-1,2-Dichloroethene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 15:35	1
trans-1,3-Dichloropropene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 15:35	1
1,2,3-Trichlorobenzene	ND		4.7		ug/Kg		07/16/13 13:23	07/17/13 15:35	1
1,2,4-Trichlorobenzene	ND		4.7		ug/Kg		07/16/13 13:23	07/17/13 15:35	1
1,1,1-Trichloroethane	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 15:35	1
1,1,2-Trichloroethane	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 15:35	1
Trichloroethene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 15:35	1
Trichlorofluoromethane	ND		4.7		ug/Kg		07/16/13 13:23	07/17/13 15:35	1
1,2,3-Trichloropropane	ND		9.3		ug/Kg		07/16/13 13:23	07/17/13 15:35	1
1,2,4-Trimethylbenzene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 15:35	1
1,3,5-Trimethylbenzene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 15:35	1
Vinyl chloride	ND		4.7		ug/Kg		07/16/13 13:23	07/17/13 15:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*80 - 120*	*07/16/13 13:23*	*07/17/13 15:35*	*1*
Dibromofluoromethane (Surr)	*98*		*80 - 125*	*07/16/13 13:23*	*07/17/13 15:35*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*	*07/16/13 13:23*	*07/17/13 15:35*	*1*

Client Sample ID: EB-2-10

Lab Sample ID: 440-51690-11

Date Collected: 07/15/13 12:18

Matrix: Solid

Date Received: 07/15/13 18:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 16:05	1
Bromobenzene	ND		5.3		ug/Kg		07/16/13 13:23	07/17/13 16:05	1
Bromochloromethane	ND		5.3		ug/Kg		07/16/13 13:23	07/17/13 16:05	1
Bromodichloromethane	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 16:05	1
Bromoform	ND		5.3		ug/Kg		07/16/13 13:23	07/17/13 16:05	1
Bromomethane	ND		5.3		ug/Kg		07/16/13 13:23	07/17/13 16:05	1
Carbon tetrachloride	ND		5.3		ug/Kg		07/16/13 13:23	07/17/13 16:05	1

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51690-1

Client Sample ID: EB-2-10
Date Collected: 07/15/13 12:18
Date Received: 07/15/13 18:30

Lab Sample ID: 440-51690-11
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 16:05	1
Chloroethane	ND		5.3		ug/Kg		07/16/13 13:23	07/17/13 16:05	1
Chloroform	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 16:05	1
Chloromethane	ND		5.3		ug/Kg		07/16/13 13:23	07/17/13 16:05	1
2-Chlorotoluene	ND		5.3		ug/Kg		07/16/13 13:23	07/17/13 16:05	1
4-Chlorotoluene	ND		5.3		ug/Kg		07/16/13 13:23	07/17/13 16:05	1
cis-1,2-Dichloroethene	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 16:05	1
cis-1,3-Dichloropropene	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 16:05	1
Dibromochloromethane	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 16:05	1
1,2-Dibromo-3-Chloropropane	ND		5.3		ug/Kg		07/16/13 13:23	07/17/13 16:05	1
1,2-Dibromoethane (EDB)	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 16:05	1
Dibromomethane	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 16:05	1
1,2-Dichlorobenzene	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 16:05	1
1,3-Dichlorobenzene	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 16:05	1
1,4-Dichlorobenzene	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 16:05	1
Dichlorodifluoromethane	ND		5.3		ug/Kg		07/16/13 13:23	07/17/13 16:05	1
1,1-Dichloroethane	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 16:05	1
1,2-Dichloroethane	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 16:05	1
1,1-Dichloroethene	ND		5.3		ug/Kg		07/16/13 13:23	07/17/13 16:05	1
1,2-Dichloropropane	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 16:05	1
1,3-Dichloropropane	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 16:05	1
2,2-Dichloropropane	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 16:05	1
1,1-Dichloropropene	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 16:05	1
Ethylbenzene	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 16:05	1
Hexachlorobutadiene	ND		5.3		ug/Kg		07/16/13 13:23	07/17/13 16:05	1
Isopropylbenzene	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 16:05	1
Methylene Chloride	ND		21		ug/Kg		07/16/13 13:23	07/17/13 16:05	1
m,p-Xylene	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 16:05	1
Naphthalene	ND		5.3		ug/Kg		07/16/13 13:23	07/17/13 16:05	1
n-Butylbenzene	ND		5.3		ug/Kg		07/16/13 13:23	07/17/13 16:05	1
N-Propylbenzene	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 16:05	1
o-Xylene	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 16:05	1
p-Isopropyltoluene	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 16:05	1
sec-Butylbenzene	ND		5.3		ug/Kg		07/16/13 13:23	07/17/13 16:05	1
Styrene	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 16:05	1
tert-Butylbenzene	ND		5.3		ug/Kg		07/16/13 13:23	07/17/13 16:05	1
1,1,1,2-Tetrachloroethane	ND		5.3		ug/Kg		07/16/13 13:23	07/17/13 16:05	1
1,1,2,2-Tetrachloroethane	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 16:05	1
Tetrachloroethene	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 16:05	1
Toluene	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 16:05	1
trans-1,2-Dichloroethene	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 16:05	1
trans-1,3-Dichloropropene	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 16:05	1
1,2,3-Trichlorobenzene	ND		5.3		ug/Kg		07/16/13 13:23	07/17/13 16:05	1
1,2,4-Trichlorobenzene	ND		5.3		ug/Kg		07/16/13 13:23	07/17/13 16:05	1
1,1,1-Trichloroethane	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 16:05	1
1,1,2-Trichloroethane	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 16:05	1
Trichloroethene	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 16:05	1
Trichlorofluoromethane	ND		5.3		ug/Kg		07/16/13 13:23	07/17/13 16:05	1
1,2,3-Trichloropropane	ND		11		ug/Kg		07/16/13 13:23	07/17/13 16:05	1

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51690-1

Client Sample ID: EB-2-10

Lab Sample ID: 440-51690-11

Date Collected: 07/15/13 12:18

Matrix: Solid

Date Received: 07/15/13 18:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 16:05	1
1,3,5-Trimethylbenzene	ND		2.1		ug/Kg		07/16/13 13:23	07/17/13 16:05	1
Vinyl chloride	ND		5.3		ug/Kg		07/16/13 13:23	07/17/13 16:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*80 - 120*	*07/16/13 13:23*	*07/17/13 16:05*	*1*
Dibromofluoromethane (Surr)	*94*		*80 - 125*	*07/16/13 13:23*	*07/17/13 16:05*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*	*07/16/13 13:23*	*07/17/13 16:05*	*1*

Client Sample ID: EB-2-20

Lab Sample ID: 440-51690-13

Date Collected: 07/15/13 12:30

Matrix: Solid

Date Received: 07/15/13 18:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 16:35	1
Bromobenzene	ND		4.6		ug/Kg		07/16/13 13:23	07/17/13 16:35	1
Bromochloromethane	ND		4.6		ug/Kg		07/16/13 13:23	07/17/13 16:35	1
Bromodichloromethane	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 16:35	1
Bromoform	ND		4.6		ug/Kg		07/16/13 13:23	07/17/13 16:35	1
Bromomethane	ND		4.6		ug/Kg		07/16/13 13:23	07/17/13 16:35	1
Carbon tetrachloride	ND		4.6		ug/Kg		07/16/13 13:23	07/17/13 16:35	1
Chlorobenzene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 16:35	1
Chloroethane	ND		4.6		ug/Kg		07/16/13 13:23	07/17/13 16:35	1
Chloroform	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 16:35	1
Chloromethane	ND		4.6		ug/Kg		07/16/13 13:23	07/17/13 16:35	1
2-Chlorotoluene	ND		4.6		ug/Kg		07/16/13 13:23	07/17/13 16:35	1
4-Chlorotoluene	ND		4.6		ug/Kg		07/16/13 13:23	07/17/13 16:35	1
cis-1,2-Dichloroethene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 16:35	1
cis-1,3-Dichloropropene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 16:35	1
Dibromochloromethane	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 16:35	1
1,2-Dibromo-3-Chloropropane	ND		4.6		ug/Kg		07/16/13 13:23	07/17/13 16:35	1
1,2-Dibromoethane (EDB)	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 16:35	1
Dibromomethane	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 16:35	1
1,2-Dichlorobenzene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 16:35	1
1,3-Dichlorobenzene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 16:35	1
1,4-Dichlorobenzene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 16:35	1
Dichlorodifluoromethane	ND		4.6		ug/Kg		07/16/13 13:23	07/17/13 16:35	1
1,1-Dichloroethane	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 16:35	1
1,2-Dichloroethane	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 16:35	1
1,1-Dichloroethene	ND		4.6		ug/Kg		07/16/13 13:23	07/17/13 16:35	1
1,2-Dichloropropane	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 16:35	1
1,3-Dichloropropane	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 16:35	1
2,2-Dichloropropane	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 16:35	1
1,1-Dichloropropene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 16:35	1
Ethylbenzene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 16:35	1
Hexachlorobutadiene	ND		4.6		ug/Kg		07/16/13 13:23	07/17/13 16:35	1
Isopropylbenzene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 16:35	1
Methylene Chloride	ND		18		ug/Kg		07/16/13 13:23	07/17/13 16:35	1
m,p-Xylene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 16:35	1

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51690-1

Client Sample ID: EB-2-20

Lab Sample ID: 440-51690-13

Date Collected: 07/15/13 12:30

Matrix: Solid

Date Received: 07/15/13 18:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		4.6		ug/Kg		07/16/13 13:23	07/17/13 16:35	1
n-Butylbenzene	ND		4.6		ug/Kg		07/16/13 13:23	07/17/13 16:35	1
N-Propylbenzene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 16:35	1
o-Xylene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 16:35	1
p-Isopropyltoluene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 16:35	1
sec-Butylbenzene	ND		4.6		ug/Kg		07/16/13 13:23	07/17/13 16:35	1
Styrene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 16:35	1
tert-Butylbenzene	ND		4.6		ug/Kg		07/16/13 13:23	07/17/13 16:35	1
1,1,1,2-Tetrachloroethane	ND		4.6		ug/Kg		07/16/13 13:23	07/17/13 16:35	1
1,1,2,2-Tetrachloroethane	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 16:35	1
Tetrachloroethene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 16:35	1
Toluene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 16:35	1
trans-1,2-Dichloroethene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 16:35	1
trans-1,3-Dichloropropene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 16:35	1
1,2,3-Trichlorobenzene	ND		4.6		ug/Kg		07/16/13 13:23	07/17/13 16:35	1
1,2,4-Trichlorobenzene	ND		4.6		ug/Kg		07/16/13 13:23	07/17/13 16:35	1
1,1,1-Trichloroethane	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 16:35	1
1,1,2-Trichloroethane	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 16:35	1
Trichloroethene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 16:35	1
Trichlorofluoromethane	ND		4.6		ug/Kg		07/16/13 13:23	07/17/13 16:35	1
1,2,3-Trichloropropane	ND		9.1		ug/Kg		07/16/13 13:23	07/17/13 16:35	1
1,2,4-Trimethylbenzene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 16:35	1
1,3,5-Trimethylbenzene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 16:35	1
Vinyl chloride	ND		4.6		ug/Kg		07/16/13 13:23	07/17/13 16:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*80 - 120*	*07/16/13 13:23*	*07/17/13 16:35*	*1*
Dibromofluoromethane (Surr)	*104*		*80 - 125*	*07/16/13 13:23*	*07/17/13 16:35*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*	*07/16/13 13:23*	*07/17/13 16:35*	*1*

Client Sample ID: EB-2-30

Lab Sample ID: 440-51690-15

Date Collected: 07/15/13 12:42

Matrix: Solid

Date Received: 07/15/13 18:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/Kg		07/16/13 13:23	07/17/13 17:04	1
Bromobenzene	ND		5.1		ug/Kg		07/16/13 13:23	07/17/13 17:04	1
Bromochloromethane	ND		5.1		ug/Kg		07/16/13 13:23	07/17/13 17:04	1
Bromodichloromethane	ND		2.0		ug/Kg		07/16/13 13:23	07/17/13 17:04	1
Bromoform	ND		5.1		ug/Kg		07/16/13 13:23	07/17/13 17:04	1
Bromomethane	ND		5.1		ug/Kg		07/16/13 13:23	07/17/13 17:04	1
Carbon tetrachloride	ND		5.1		ug/Kg		07/16/13 13:23	07/17/13 17:04	1
Chlorobenzene	ND		2.0		ug/Kg		07/16/13 13:23	07/17/13 17:04	1
Chloroethane	ND		5.1		ug/Kg		07/16/13 13:23	07/17/13 17:04	1
Chloroform	ND		2.0		ug/Kg		07/16/13 13:23	07/17/13 17:04	1
Chloromethane	ND		5.1		ug/Kg		07/16/13 13:23	07/17/13 17:04	1
2-Chlorotoluene	ND		5.1		ug/Kg		07/16/13 13:23	07/17/13 17:04	1
4-Chlorotoluene	ND		5.1		ug/Kg		07/16/13 13:23	07/17/13 17:04	1
cis-1,2-Dichloroethene	ND		2.0		ug/Kg		07/16/13 13:23	07/17/13 17:04	1

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51690-1

Client Sample ID: EB-2-30
Date Collected: 07/15/13 12:42
Date Received: 07/15/13 18:30

Lab Sample ID: 440-51690-15
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		2.0		ug/Kg		07/16/13 13:23	07/17/13 17:04	1
Dibromochloromethane	ND		2.0		ug/Kg		07/16/13 13:23	07/17/13 17:04	1
1,2-Dibromo-3-Chloropropane	ND		5.1		ug/Kg		07/16/13 13:23	07/17/13 17:04	1
1,2-Dibromoethane (EDB)	ND		2.0		ug/Kg		07/16/13 13:23	07/17/13 17:04	1
Dibromomethane	ND		2.0		ug/Kg		07/16/13 13:23	07/17/13 17:04	1
1,2-Dichlorobenzene	ND		2.0		ug/Kg		07/16/13 13:23	07/17/13 17:04	1
1,3-Dichlorobenzene	ND		2.0		ug/Kg		07/16/13 13:23	07/17/13 17:04	1
1,4-Dichlorobenzene	ND		2.0		ug/Kg		07/16/13 13:23	07/17/13 17:04	1
Dichlorodifluoromethane	ND		5.1		ug/Kg		07/16/13 13:23	07/17/13 17:04	1
1,1-Dichloroethane	ND		2.0		ug/Kg		07/16/13 13:23	07/17/13 17:04	1
1,2-Dichloroethane	ND		2.0		ug/Kg		07/16/13 13:23	07/17/13 17:04	1
1,1-Dichloroethene	ND		5.1		ug/Kg		07/16/13 13:23	07/17/13 17:04	1
1,2-Dichloropropane	ND		2.0		ug/Kg		07/16/13 13:23	07/17/13 17:04	1
1,3-Dichloropropane	ND		2.0		ug/Kg		07/16/13 13:23	07/17/13 17:04	1
2,2-Dichloropropane	ND		2.0		ug/Kg		07/16/13 13:23	07/17/13 17:04	1
1,1-Dichloropropene	ND		2.0		ug/Kg		07/16/13 13:23	07/17/13 17:04	1
Ethylbenzene	ND		2.0		ug/Kg		07/16/13 13:23	07/17/13 17:04	1
Hexachlorobutadiene	ND		5.1		ug/Kg		07/16/13 13:23	07/17/13 17:04	1
Isopropylbenzene	ND		2.0		ug/Kg		07/16/13 13:23	07/17/13 17:04	1
Methylene Chloride	ND		20		ug/Kg		07/16/13 13:23	07/17/13 17:04	1
m,p-Xylene	ND		2.0		ug/Kg		07/16/13 13:23	07/17/13 17:04	1
Naphthalene	ND		5.1		ug/Kg		07/16/13 13:23	07/17/13 17:04	1
n-Butylbenzene	ND		5.1		ug/Kg		07/16/13 13:23	07/17/13 17:04	1
N-Propylbenzene	ND		2.0		ug/Kg		07/16/13 13:23	07/17/13 17:04	1
o-Xylene	ND		2.0		ug/Kg		07/16/13 13:23	07/17/13 17:04	1
p-Isopropyltoluene	ND		2.0		ug/Kg		07/16/13 13:23	07/17/13 17:04	1
sec-Butylbenzene	ND		5.1		ug/Kg		07/16/13 13:23	07/17/13 17:04	1
Styrene	ND		2.0		ug/Kg		07/16/13 13:23	07/17/13 17:04	1
tert-Butylbenzene	ND		5.1		ug/Kg		07/16/13 13:23	07/17/13 17:04	1
1,1,1,2-Tetrachloroethane	ND		5.1		ug/Kg		07/16/13 13:23	07/17/13 17:04	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		07/16/13 13:23	07/17/13 17:04	1
Tetrachloroethene	ND		2.0		ug/Kg		07/16/13 13:23	07/17/13 17:04	1
Toluene	ND		2.0		ug/Kg		07/16/13 13:23	07/17/13 17:04	1
trans-1,2-Dichloroethene	ND		2.0		ug/Kg		07/16/13 13:23	07/17/13 17:04	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		07/16/13 13:23	07/17/13 17:04	1
1,2,3-Trichlorobenzene	ND		5.1		ug/Kg		07/16/13 13:23	07/17/13 17:04	1
1,2,4-Trichlorobenzene	ND		5.1		ug/Kg		07/16/13 13:23	07/17/13 17:04	1
1,1,1-Trichloroethane	ND		2.0		ug/Kg		07/16/13 13:23	07/17/13 17:04	1
1,1,2-Trichloroethane	ND		2.0		ug/Kg		07/16/13 13:23	07/17/13 17:04	1
Trichloroethene	ND		2.0		ug/Kg		07/16/13 13:23	07/17/13 17:04	1
Trichlorofluoromethane	ND		5.1		ug/Kg		07/16/13 13:23	07/17/13 17:04	1
1,2,3-Trichloropropane	ND		10		ug/Kg		07/16/13 13:23	07/17/13 17:04	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		07/16/13 13:23	07/17/13 17:04	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		07/16/13 13:23	07/17/13 17:04	1
Vinyl chloride	ND		5.1		ug/Kg		07/16/13 13:23	07/17/13 17:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*80 - 120*	*07/16/13 13:23*	*07/17/13 17:04*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 125*	*07/16/13 13:23*	*07/17/13 17:04*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*	*07/16/13 13:23*	*07/17/13 17:04*	*1*

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51690-1

Client Sample ID: EB-2-40
Date Collected: 07/15/13 13:05
Date Received: 07/15/13 18:30

Lab Sample ID: 440-51690-17
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.2		ug/Kg		07/16/13 13:23	07/17/13 17:33	1
Bromobenzene	ND		5.6		ug/Kg		07/16/13 13:23	07/17/13 17:33	1
Bromochloromethane	ND		5.6		ug/Kg		07/16/13 13:23	07/17/13 17:33	1
Bromodichloromethane	ND		2.2		ug/Kg		07/16/13 13:23	07/17/13 17:33	1
Bromoform	ND		5.6		ug/Kg		07/16/13 13:23	07/17/13 17:33	1
Bromomethane	ND		5.6		ug/Kg		07/16/13 13:23	07/17/13 17:33	1
Carbon tetrachloride	ND		5.6		ug/Kg		07/16/13 13:23	07/17/13 17:33	1
Chlorobenzene	ND		2.2		ug/Kg		07/16/13 13:23	07/17/13 17:33	1
Chloroethane	ND		5.6		ug/Kg		07/16/13 13:23	07/17/13 17:33	1
Chloroform	ND		2.2		ug/Kg		07/16/13 13:23	07/17/13 17:33	1
Chloromethane	ND		5.6		ug/Kg		07/16/13 13:23	07/17/13 17:33	1
2-Chlorotoluene	ND		5.6		ug/Kg		07/16/13 13:23	07/17/13 17:33	1
4-Chlorotoluene	ND		5.6		ug/Kg		07/16/13 13:23	07/17/13 17:33	1
cis-1,2-Dichloroethene	ND		2.2		ug/Kg		07/16/13 13:23	07/17/13 17:33	1
cis-1,3-Dichloropropene	ND		2.2		ug/Kg		07/16/13 13:23	07/17/13 17:33	1
Dibromochloromethane	ND		2.2		ug/Kg		07/16/13 13:23	07/17/13 17:33	1
1,2-Dibromo-3-Chloropropane	ND		5.6		ug/Kg		07/16/13 13:23	07/17/13 17:33	1
1,2-Dibromoethane (EDB)	ND		2.2		ug/Kg		07/16/13 13:23	07/17/13 17:33	1
Dibromomethane	ND		2.2		ug/Kg		07/16/13 13:23	07/17/13 17:33	1
1,2-Dichlorobenzene	ND		2.2		ug/Kg		07/16/13 13:23	07/17/13 17:33	1
1,3-Dichlorobenzene	ND		2.2		ug/Kg		07/16/13 13:23	07/17/13 17:33	1
1,4-Dichlorobenzene	ND		2.2		ug/Kg		07/16/13 13:23	07/17/13 17:33	1
Dichlorodifluoromethane	ND		5.6		ug/Kg		07/16/13 13:23	07/17/13 17:33	1
1,1-Dichloroethane	ND		2.2		ug/Kg		07/16/13 13:23	07/17/13 17:33	1
1,2-Dichloroethane	ND		2.2		ug/Kg		07/16/13 13:23	07/17/13 17:33	1
1,1-Dichloroethene	ND		5.6		ug/Kg		07/16/13 13:23	07/17/13 17:33	1
1,2-Dichloropropane	ND		2.2		ug/Kg		07/16/13 13:23	07/17/13 17:33	1
1,3-Dichloropropane	ND		2.2		ug/Kg		07/16/13 13:23	07/17/13 17:33	1
2,2-Dichloropropane	ND		2.2		ug/Kg		07/16/13 13:23	07/17/13 17:33	1
1,1-Dichloropropene	ND		2.2		ug/Kg		07/16/13 13:23	07/17/13 17:33	1
Ethylbenzene	ND		2.2		ug/Kg		07/16/13 13:23	07/17/13 17:33	1
Hexachlorobutadiene	ND		5.6		ug/Kg		07/16/13 13:23	07/17/13 17:33	1
Isopropylbenzene	ND		2.2		ug/Kg		07/16/13 13:23	07/17/13 17:33	1
Methylene Chloride	ND		22		ug/Kg		07/16/13 13:23	07/17/13 17:33	1
m,p-Xylene	ND		2.2		ug/Kg		07/16/13 13:23	07/17/13 17:33	1
Naphthalene	ND		5.6		ug/Kg		07/16/13 13:23	07/17/13 17:33	1
n-Butylbenzene	ND		5.6		ug/Kg		07/16/13 13:23	07/17/13 17:33	1
N-Propylbenzene	ND		2.2		ug/Kg		07/16/13 13:23	07/17/13 17:33	1
o-Xylene	ND		2.2		ug/Kg		07/16/13 13:23	07/17/13 17:33	1
p-Isopropyltoluene	ND		2.2		ug/Kg		07/16/13 13:23	07/17/13 17:33	1
sec-Butylbenzene	ND		5.6		ug/Kg		07/16/13 13:23	07/17/13 17:33	1
Styrene	ND		2.2		ug/Kg		07/16/13 13:23	07/17/13 17:33	1
tert-Butylbenzene	ND		5.6		ug/Kg		07/16/13 13:23	07/17/13 17:33	1
1,1,1,2-Tetrachloroethane	ND		5.6		ug/Kg		07/16/13 13:23	07/17/13 17:33	1
1,1,2,2-Tetrachloroethane	ND		2.2		ug/Kg		07/16/13 13:23	07/17/13 17:33	1
Tetrachloroethene	ND		2.2		ug/Kg		07/16/13 13:23	07/17/13 17:33	1
Toluene	ND		2.2		ug/Kg		07/16/13 13:23	07/17/13 17:33	1
trans-1,2-Dichloroethene	ND		2.2		ug/Kg		07/16/13 13:23	07/17/13 17:33	1
trans-1,3-Dichloropropene	ND		2.2		ug/Kg		07/16/13 13:23	07/17/13 17:33	1

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51690-1

Client Sample ID: EB-2-40

Lab Sample ID: 440-51690-17

Date Collected: 07/15/13 13:05
Matrix: Solid
Date Received: 07/15/13 18:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	ND		5.6		ug/Kg		07/16/13 13:23	07/17/13 17:33	1
1,2,4-Trichlorobenzene	ND		5.6		ug/Kg		07/16/13 13:23	07/17/13 17:33	1
1,1,1-Trichloroethane	ND		2.2		ug/Kg		07/16/13 13:23	07/17/13 17:33	1
1,1,2-Trichloroethane	ND		2.2		ug/Kg		07/16/13 13:23	07/17/13 17:33	1
Trichloroethene	ND		2.2		ug/Kg		07/16/13 13:23	07/17/13 17:33	1
Trichlorofluoromethane	ND		5.6		ug/Kg		07/16/13 13:23	07/17/13 17:33	1
1,2,3-Trichloropropane	ND		11		ug/Kg		07/16/13 13:23	07/17/13 17:33	1
1,2,4-Trimethylbenzene	ND		2.2		ug/Kg		07/16/13 13:23	07/17/13 17:33	1
1,3,5-Trimethylbenzene	ND		2.2		ug/Kg		07/16/13 13:23	07/17/13 17:33	1
Vinyl chloride	ND		5.6		ug/Kg		07/16/13 13:23	07/17/13 17:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*80 - 120*	*07/16/13 13:23*	*07/17/13 17:33*	*1*
Dibromofluoromethane (Surr)	*96*		*80 - 125*	*07/16/13 13:23*	*07/17/13 17:33*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*	*07/16/13 13:23*	*07/17/13 17:33*	*1*

Client Sample ID: EB-2-HP-45.3

Lab Sample ID: 440-51690-20

Date Collected: 07/15/13 13:50
Matrix: Water
Date Received: 07/15/13 18:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			07/19/13 17:56	2
Bromobenzene	ND		2.0		ug/L			07/19/13 17:56	2
Bromochloromethane	ND		2.0		ug/L			07/19/13 17:56	2
Bromodichloromethane	ND		2.0		ug/L			07/19/13 17:56	2
Bromoform	ND		2.0		ug/L			07/19/13 17:56	2
Bromomethane	ND		2.0		ug/L			07/19/13 17:56	2
Carbon tetrachloride	ND		1.0		ug/L			07/19/13 17:56	2
Chlorobenzene	ND		2.0		ug/L			07/19/13 17:56	2
Chloroethane	ND		2.0		ug/L			07/19/13 17:56	2
Chloroform	ND		2.0		ug/L			07/19/13 17:56	2
Chloromethane	ND		2.0		ug/L			07/19/13 17:56	2
2-Chlorotoluene	ND		2.0		ug/L			07/19/13 17:56	2
4-Chlorotoluene	ND		2.0		ug/L			07/19/13 17:56	2
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/19/13 17:56	2
cis-1,3-Dichloropropene	ND		1.0		ug/L			07/19/13 17:56	2
Dibromochloromethane	ND		2.0		ug/L			07/19/13 17:56	2
1,2-Dibromo-3-Chloropropane	ND		10		ug/L			07/19/13 17:56	2
1,2-Dibromoethane (EDB)	ND		2.0		ug/L			07/19/13 17:56	2
Dibromomethane	ND		2.0		ug/L			07/19/13 17:56	2
1,2-Dichlorobenzene	ND		2.0		ug/L			07/19/13 17:56	2
1,3-Dichlorobenzene	ND		2.0		ug/L			07/19/13 17:56	2
1,4-Dichlorobenzene	ND		2.0		ug/L			07/19/13 17:56	2
Dichlorodifluoromethane	ND		10		ug/L			07/19/13 17:56	2
1,1-Dichloroethane	ND		2.0		ug/L			07/19/13 17:56	2
1,2-Dichloroethane	ND		1.0		ug/L			07/19/13 17:56	2
1,1-Dichloroethene	ND		2.0		ug/L			07/19/13 17:56	2
1,2-Dichloropropane	ND		2.0		ug/L			07/19/13 17:56	2
1,3-Dichloropropane	ND		2.0		ug/L			07/19/13 17:56	2

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51690-1

Client Sample ID: EB-2-HP-45.3

Lab Sample ID: 440-51690-20

Date Collected: 07/15/13 13:50
Matrix: Water
Date Received: 07/15/13 18:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
2,2-Dichloropropane	ND		2.0		ug/L			07/19/13 17:56	2
1,1-Dichloropropene	ND		2.0		ug/L			07/19/13 17:56	2
Ethylbenzene	ND		2.0		ug/L			07/19/13 17:56	2
Hexachlorobutadiene	ND		2.0		ug/L			07/19/13 17:56	2
Isopropylbenzene	ND		2.0		ug/L			07/19/13 17:56	2
Methylene Chloride	ND		10		ug/L			07/19/13 17:56	2
m,p-Xylene	ND		2.0		ug/L			07/19/13 17:56	2
Naphthalene	ND		2.0		ug/L			07/19/13 17:56	2
n-Butylbenzene	ND		2.0		ug/L			07/19/13 17:56	2
N-Propylbenzene	ND		2.0		ug/L			07/19/13 17:56	2
o-Xylene	ND		2.0		ug/L			07/19/13 17:56	2
p-Isopropyltoluene	ND		2.0		ug/L			07/19/13 17:56	2
sec-Butylbenzene	ND		2.0		ug/L			07/19/13 17:56	2
Styrene	ND		2.0		ug/L			07/19/13 17:56	2
tert-Butylbenzene	ND		2.0		ug/L			07/19/13 17:56	2
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/19/13 17:56	2
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/19/13 17:56	2
Tetrachloroethene	**5.4**		2.0		ug/L			07/19/13 17:56	2
Toluene	ND		2.0		ug/L			07/19/13 17:56	2
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/19/13 17:56	2
trans-1,3-Dichloropropene	ND		1.0		ug/L			07/19/13 17:56	2
1,2,3-Trichlorobenzene	ND		2.0		ug/L			07/19/13 17:56	2
1,2,4-Trichlorobenzene	ND		2.0		ug/L			07/19/13 17:56	2
1,1,1-Trichloroethane	ND		2.0		ug/L			07/19/13 17:56	2
1,1,2-Trichloroethane	ND		2.0		ug/L			07/19/13 17:56	2
Trichloroethene	**72**		2.0		ug/L			07/19/13 17:56	2
Trichlorofluoromethane	ND		2.0		ug/L			07/19/13 17:56	2
1,2,3-Trichloropropane	ND		2.0		ug/L			07/19/13 17:56	2
1,2,4-Trimethylbenzene	ND		2.0		ug/L			07/19/13 17:56	2
1,3,5-Trimethylbenzene	ND		2.0		ug/L			07/19/13 17:56	2
Vinyl chloride	ND		1.0		ug/L			07/19/13 17:56	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*80 - 120*		*07/19/13 17:56*	*2*
Dibromofluoromethane (Surr)	*102*		*80 - 120*		*07/19/13 17:56*	*2*
Toluene-d8 (Surr)	*102*		*80 - 120*		*07/19/13 17:56*	*2*

Client Sample ID: EB-3-5

Lab Sample ID: 440-51690-21

Date Collected: 07/15/13 15:20
Matrix: Solid
Date Received: 07/15/13 18:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 18:03	1
Bromobenzene	ND		4.6		ug/Kg		07/16/13 13:23	07/17/13 18:03	1
Bromochloromethane	ND		4.6		ug/Kg		07/16/13 13:23	07/17/13 18:03	1
Bromodichloromethane	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 18:03	1
Bromoform	ND		4.6		ug/Kg		07/16/13 13:23	07/17/13 18:03	1
Bromomethane	ND		4.6		ug/Kg		07/16/13 13:23	07/17/13 18:03	1
Carbon tetrachloride	ND		4.6		ug/Kg		07/16/13 13:23	07/17/13 18:03	1

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51690-1

Client Sample ID: EB-3-5
Date Collected: 07/15/13 15:20
Date Received: 07/15/13 18:30

Lab Sample ID: 440-51690-21
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 18:03	1
Chloroethane	ND		4.6		ug/Kg		07/16/13 13:23	07/17/13 18:03	1
Chloroform	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 18:03	1
Chloromethane	ND		4.6		ug/Kg		07/16/13 13:23	07/17/13 18:03	1
2-Chlorotoluene	ND		4.6		ug/Kg		07/16/13 13:23	07/17/13 18:03	1
4-Chlorotoluene	ND		4.6		ug/Kg		07/16/13 13:23	07/17/13 18:03	1
cis-1,2-Dichloroethene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 18:03	1
cis-1,3-Dichloropropene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 18:03	1
Dibromochloromethane	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 18:03	1
1,2-Dibromo-3-Chloropropane	ND		4.6		ug/Kg		07/16/13 13:23	07/17/13 18:03	1
1,2-Dibromoethane (EDB)	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 18:03	1
Dibromomethane	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 18:03	1
1,2-Dichlorobenzene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 18:03	1
1,3-Dichlorobenzene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 18:03	1
1,4-Dichlorobenzene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 18:03	1
Dichlorodifluoromethane	ND		4.6		ug/Kg		07/16/13 13:23	07/17/13 18:03	1
1,1-Dichloroethane	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 18:03	1
1,2-Dichloroethane	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 18:03	1
1,1-Dichloroethene	ND		4.6		ug/Kg		07/16/13 13:23	07/17/13 18:03	1
1,2-Dichloropropane	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 18:03	1
1,3-Dichloropropane	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 18:03	1
2,2-Dichloropropane	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 18:03	1
1,1-Dichloropropene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 18:03	1
Ethylbenzene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 18:03	1
Hexachlorobutadiene	ND		4.6		ug/Kg		07/16/13 13:23	07/17/13 18:03	1
Isopropylbenzene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 18:03	1
Methylene Chloride	ND		18		ug/Kg		07/16/13 13:23	07/17/13 18:03	1
m,p-Xylene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 18:03	1
Naphthalene	ND		4.6		ug/Kg		07/16/13 13:23	07/17/13 18:03	1
n-Butylbenzene	ND		4.6		ug/Kg		07/16/13 13:23	07/17/13 18:03	1
N-Propylbenzene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 18:03	1
o-Xylene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 18:03	1
p-Isopropyltoluene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 18:03	1
sec-Butylbenzene	ND		4.6		ug/Kg		07/16/13 13:23	07/17/13 18:03	1
Styrene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 18:03	1
tert-Butylbenzene	ND		4.6		ug/Kg		07/16/13 13:23	07/17/13 18:03	1
1,1,1,2-Tetrachloroethane	ND		4.6		ug/Kg		07/16/13 13:23	07/17/13 18:03	1
1,1,2,2-Tetrachloroethane	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 18:03	1
Tetrachloroethene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 18:03	1
Toluene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 18:03	1
trans-1,2-Dichloroethene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 18:03	1
trans-1,3-Dichloropropene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 18:03	1
1,2,3-Trichlorobenzene	ND		4.6		ug/Kg		07/16/13 13:23	07/17/13 18:03	1
1,2,4-Trichlorobenzene	ND		4.6		ug/Kg		07/16/13 13:23	07/17/13 18:03	1
1,1,1-Trichloroethane	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 18:03	1
1,1,2-Trichloroethane	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 18:03	1
Trichloroethene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 18:03	1
Trichlorofluoromethane	ND		4.6		ug/Kg		07/16/13 13:23	07/17/13 18:03	1
1,2,3-Trichloropropane	ND		9.2		ug/Kg		07/16/13 13:23	07/17/13 18:03	1

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51690-1

Client Sample ID: EB-3-5

Date Collected: 07/15/13 15:20
Date Received: 07/15/13 18:30

Lab Sample ID: 440-51690-21
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 18:03	1
1,3,5-Trimethylbenzene	ND		1.8		ug/Kg		07/16/13 13:23	07/17/13 18:03	1
Vinyl chloride	ND		4.6		ug/Kg		07/16/13 13:23	07/17/13 18:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*80 - 120*	*07/16/13 13:23*	*07/17/13 18:03*	*1*
Dibromofluoromethane (Surr)	*108*		*80 - 125*	*07/16/13 13:23*	*07/17/13 18:03*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*	*07/16/13 13:23*	*07/17/13 18:03*	*1*

Client Sample ID: EB-3-10

Date Collected: 07/15/13 15:25
Date Received: 07/15/13 18:30

Lab Sample ID: 440-51690-22
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 18:33	1
Bromobenzene	ND		4.8		ug/Kg		07/16/13 13:23	07/17/13 18:33	1
Bromochloromethane	ND		4.8		ug/Kg		07/16/13 13:23	07/17/13 18:33	1
Bromodichloromethane	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 18:33	1
Bromoform	ND		4.8		ug/Kg		07/16/13 13:23	07/17/13 18:33	1
Bromomethane	ND		4.8		ug/Kg		07/16/13 13:23	07/17/13 18:33	1
Carbon tetrachloride	ND		4.8		ug/Kg		07/16/13 13:23	07/17/13 18:33	1
Chlorobenzene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 18:33	1
Chloroethane	ND		4.8		ug/Kg		07/16/13 13:23	07/17/13 18:33	1
Chloroform	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 18:33	1
Chloromethane	ND		4.8		ug/Kg		07/16/13 13:23	07/17/13 18:33	1
2-Chlorotoluene	ND		4.8		ug/Kg		07/16/13 13:23	07/17/13 18:33	1
4-Chlorotoluene	ND		4.8		ug/Kg		07/16/13 13:23	07/17/13 18:33	1
cis-1,2-Dichloroethene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 18:33	1
cis-1,3-Dichloropropene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 18:33	1
Dibromochloromethane	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 18:33	1
1,2-Dibromo-3-Chloropropane	ND		4.8		ug/Kg		07/16/13 13:23	07/17/13 18:33	1
1,2-Dibromoethane (EDB)	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 18:33	1
Dibromomethane	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 18:33	1
1,2-Dichlorobenzene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 18:33	1
1,3-Dichlorobenzene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 18:33	1
1,4-Dichlorobenzene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 18:33	1
Dichlorodifluoromethane	ND		4.8		ug/Kg		07/16/13 13:23	07/17/13 18:33	1
1,1-Dichloroethane	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 18:33	1
1,2-Dichloroethane	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 18:33	1
1,1-Dichloroethene	ND		4.8		ug/Kg		07/16/13 13:23	07/17/13 18:33	1
1,2-Dichloropropane	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 18:33	1
1,3-Dichloropropane	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 18:33	1
2,2-Dichloropropane	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 18:33	1
1,1-Dichloropropene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 18:33	1
Ethylbenzene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 18:33	1
Hexachlorobutadiene	ND		4.8		ug/Kg		07/16/13 13:23	07/17/13 18:33	1
Isopropylbenzene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 18:33	1
Methylene Chloride	ND		19		ug/Kg		07/16/13 13:23	07/17/13 18:33	1
m,p-Xylene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 18:33	1

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51690-1

Client Sample ID: EB-3-10

Date Collected: 07/15/13 15:25
Date Received: 07/15/13 18:30

Lab Sample ID: 440-51690-22
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		4.8		ug/Kg		07/16/13 13:23	07/17/13 18:33	1
n-Butylbenzene	ND		4.8		ug/Kg		07/16/13 13:23	07/17/13 18:33	1
N-Propylbenzene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 18:33	1
o-Xylene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 18:33	1
p-Isopropyltoluene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 18:33	1
sec-Butylbenzene	ND		4.8		ug/Kg		07/16/13 13:23	07/17/13 18:33	1
Styrene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 18:33	1
tert-Butylbenzene	ND		4.8		ug/Kg		07/16/13 13:23	07/17/13 18:33	1
1,1,1,2-Tetrachloroethane	ND		4.8		ug/Kg		07/16/13 13:23	07/17/13 18:33	1
1,1,2,2-Tetrachloroethane	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 18:33	1
Tetrachloroethene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 18:33	1
Toluene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 18:33	1
trans-1,2-Dichloroethene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 18:33	1
trans-1,3-Dichloropropene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 18:33	1
1,2,3-Trichlorobenzene	ND		4.8		ug/Kg		07/16/13 13:23	07/17/13 18:33	1
1,2,4-Trichlorobenzene	ND		4.8		ug/Kg		07/16/13 13:23	07/17/13 18:33	1
1,1,1-Trichloroethane	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 18:33	1
1,1,2-Trichloroethane	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 18:33	1
Trichloroethene	**4.0**		1.9		ug/Kg		07/16/13 13:23	07/17/13 18:33	1
Trichlorofluoromethane	ND		4.8		ug/Kg		07/16/13 13:23	07/17/13 18:33	1
1,2,3-Trichloropropane	ND		9.6		ug/Kg		07/16/13 13:23	07/17/13 18:33	1
1,2,4-Trimethylbenzene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 18:33	1
1,3,5-Trimethylbenzene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 18:33	1
Vinyl chloride	ND		4.8		ug/Kg		07/16/13 13:23	07/17/13 18:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*80 - 120*	*07/16/13 13:23*	*07/17/13 18:33*	*1*
Dibromofluoromethane (Surr)	*97*		*80 - 125*	*07/16/13 13:23*	*07/17/13 18:33*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*	*07/16/13 13:23*	*07/17/13 18:33*	*1*

Client Sample ID: EB-3-20

Date Collected: 07/15/13 15:45
Date Received: 07/15/13 18:30

Lab Sample ID: 440-51690-24
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 19:02	1
Bromobenzene	ND		4.6		ug/Kg		07/16/13 13:23	07/17/13 19:02	1
Bromochloromethane	ND		4.6		ug/Kg		07/16/13 13:23	07/17/13 19:02	1
Bromodichloromethane	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 19:02	1
Bromoform	ND		4.6		ug/Kg		07/16/13 13:23	07/17/13 19:02	1
Bromomethane	ND		4.6		ug/Kg		07/16/13 13:23	07/17/13 19:02	1
Carbon tetrachloride	ND		4.6		ug/Kg		07/16/13 13:23	07/17/13 19:02	1
Chlorobenzene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 19:02	1
Chloroethane	ND		4.6		ug/Kg		07/16/13 13:23	07/17/13 19:02	1
Chloroform	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 19:02	1
Chloromethane	ND		4.6		ug/Kg		07/16/13 13:23	07/17/13 19:02	1
2-Chlorotoluene	ND		4.6		ug/Kg		07/16/13 13:23	07/17/13 19:02	1
4-Chlorotoluene	ND		4.6		ug/Kg		07/16/13 13:23	07/17/13 19:02	1
cis-1,2-Dichloroethene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 19:02	1

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51690-1

Client Sample ID: EB-3-20
Date Collected: 07/15/13 15:45
Date Received: 07/15/13 18:30

Lab Sample ID: 440-51690-24
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 19:02	1
Dibromochloromethane	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 19:02	1
1,2-Dibromo-3-Chloropropane	ND		4.6		ug/Kg		07/16/13 13:23	07/17/13 19:02	1
1,2-Dibromoethane (EDB)	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 19:02	1
Dibromomethane	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 19:02	1
1,2-Dichlorobenzene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 19:02	1
1,3-Dichlorobenzene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 19:02	1
1,4-Dichlorobenzene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 19:02	1
Dichlorodifluoromethane	ND		4.6		ug/Kg		07/16/13 13:23	07/17/13 19:02	1
1,1-Dichloroethane	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 19:02	1
1,2-Dichloroethane	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 19:02	1
1,1-Dichloroethene	ND		4.6		ug/Kg		07/16/13 13:23	07/17/13 19:02	1
1,2-Dichloropropane	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 19:02	1
1,3-Dichloropropane	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 19:02	1
2,2-Dichloropropane	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 19:02	1
1,1-Dichloropropene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 19:02	1
Ethylbenzene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 19:02	1
Hexachlorobutadiene	ND		4.6		ug/Kg		07/16/13 13:23	07/17/13 19:02	1
Isopropylbenzene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 19:02	1
Methylene Chloride	ND		19		ug/Kg		07/16/13 13:23	07/17/13 19:02	1
m,p-Xylene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 19:02	1
Naphthalene	ND		4.6		ug/Kg		07/16/13 13:23	07/17/13 19:02	1
n-Butylbenzene	ND		4.6		ug/Kg		07/16/13 13:23	07/17/13 19:02	1
N-Propylbenzene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 19:02	1
o-Xylene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 19:02	1
p-Isopropyltoluene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 19:02	1
sec-Butylbenzene	ND		4.6		ug/Kg		07/16/13 13:23	07/17/13 19:02	1
Styrene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 19:02	1
tert-Butylbenzene	ND		4.6		ug/Kg		07/16/13 13:23	07/17/13 19:02	1
1,1,1,2-Tetrachloroethane	ND		4.6		ug/Kg		07/16/13 13:23	07/17/13 19:02	1
1,1,2,2-Tetrachloroethane	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 19:02	1
Tetrachloroethene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 19:02	1
Toluene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 19:02	1
trans-1,2-Dichloroethene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 19:02	1
trans-1,3-Dichloropropene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 19:02	1
1,2,3-Trichlorobenzene	ND		4.6		ug/Kg		07/16/13 13:23	07/17/13 19:02	1
1,2,4-Trichlorobenzene	ND		4.6		ug/Kg		07/16/13 13:23	07/17/13 19:02	1
1,1,1-Trichloroethane	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 19:02	1
1,1,2-Trichloroethane	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 19:02	1
Trichloroethene	**5.2**		1.9		ug/Kg		07/16/13 13:23	07/17/13 19:02	1
Trichlorofluoromethane	ND		4.6		ug/Kg		07/16/13 13:23	07/17/13 19:02	1
1,2,3-Trichloropropane	ND		9.3		ug/Kg		07/16/13 13:23	07/17/13 19:02	1
1,2,4-Trimethylbenzene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 19:02	1
1,3,5-Trimethylbenzene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 19:02	1
Vinyl chloride	ND		4.6		ug/Kg		07/16/13 13:23	07/17/13 19:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*80 - 120*	*07/16/13 13:23*	*07/17/13 19:02*	*1*
Dibromofluoromethane (Surr)	*110*		*80 - 125*	*07/16/13 13:23*	*07/17/13 19:02*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*	*07/16/13 13:23*	*07/17/13 19:02*	*1*

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51690-1

Client Sample ID: EB-3-30
Date Collected: 07/15/13 16:00
Date Received: 07/15/13 18:30

Lab Sample ID: 440-51690-26
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 19:32	1
Bromobenzene	ND		4.7		ug/Kg		07/16/13 13:23	07/17/13 19:32	1
Bromochloromethane	ND		4.7		ug/Kg		07/16/13 13:23	07/17/13 19:32	1
Bromodichloromethane	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 19:32	1
Bromoform	ND		4.7		ug/Kg		07/16/13 13:23	07/17/13 19:32	1
Bromomethane	ND		4.7		ug/Kg		07/16/13 13:23	07/17/13 19:32	1
Carbon tetrachloride	ND		4.7		ug/Kg		07/16/13 13:23	07/17/13 19:32	1
Chlorobenzene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 19:32	1
Chloroethane	ND		4.7		ug/Kg		07/16/13 13:23	07/17/13 19:32	1
Chloroform	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 19:32	1
Chloromethane	ND		4.7		ug/Kg		07/16/13 13:23	07/17/13 19:32	1
2-Chlorotoluene	ND		4.7		ug/Kg		07/16/13 13:23	07/17/13 19:32	1
4-Chlorotoluene	ND		4.7		ug/Kg		07/16/13 13:23	07/17/13 19:32	1
cis-1,2-Dichloroethene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 19:32	1
cis-1,3-Dichloropropene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 19:32	1
Dibromochloromethane	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 19:32	1
1,2-Dibromo-3-Chloropropane	ND		4.7		ug/Kg		07/16/13 13:23	07/17/13 19:32	1
1,2-Dibromoethane (EDB)	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 19:32	1
Dibromomethane	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 19:32	1
1,2-Dichlorobenzene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 19:32	1
1,3-Dichlorobenzene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 19:32	1
1,4-Dichlorobenzene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 19:32	1
Dichlorodifluoromethane	ND		4.7		ug/Kg		07/16/13 13:23	07/17/13 19:32	1
1,1-Dichloroethane	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 19:32	1
1,2-Dichloroethane	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 19:32	1
1,1-Dichloroethene	ND		4.7		ug/Kg		07/16/13 13:23	07/17/13 19:32	1
1,2-Dichloropropane	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 19:32	1
1,3-Dichloropropane	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 19:32	1
2,2-Dichloropropane	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 19:32	1
1,1-Dichloropropene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 19:32	1
Ethylbenzene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 19:32	1
Hexachlorobutadiene	ND		4.7		ug/Kg		07/16/13 13:23	07/17/13 19:32	1
Isopropylbenzene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 19:32	1
Methylene Chloride	ND		19		ug/Kg		07/16/13 13:23	07/17/13 19:32	1
m,p-Xylene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 19:32	1
Naphthalene	ND		4.7		ug/Kg		07/16/13 13:23	07/17/13 19:32	1
n-Butylbenzene	ND		4.7		ug/Kg		07/16/13 13:23	07/17/13 19:32	1
N-Propylbenzene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 19:32	1
o-Xylene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 19:32	1
p-Isopropyltoluene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 19:32	1
sec-Butylbenzene	ND		4.7		ug/Kg		07/16/13 13:23	07/17/13 19:32	1
Styrene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 19:32	1
tert-Butylbenzene	ND		4.7		ug/Kg		07/16/13 13:23	07/17/13 19:32	1
1,1,1,2-Tetrachloroethane	ND		4.7		ug/Kg		07/16/13 13:23	07/17/13 19:32	1
1,1,2,2-Tetrachloroethane	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 19:32	1
Tetrachloroethene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 19:32	1
Toluene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 19:32	1
trans-1,2-Dichloroethene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 19:32	1
trans-1,3-Dichloropropene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 19:32	1

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51690-1

Client Sample ID: EB-3-30

Lab Sample ID: 440-51690-26

Date Collected: 07/15/13 16:00
Matrix: Solid
Date Received: 07/15/13 18:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	ND		4.7		ug/Kg		07/16/13 13:23	07/17/13 19:32	1
1,2,4-Trichlorobenzene	ND		4.7		ug/Kg		07/16/13 13:23	07/17/13 19:32	1
1,1,1-Trichloroethane	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 19:32	1
1,1,2-Trichloroethane	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 19:32	1
Trichloroethene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 19:32	1
Trichlorofluoromethane	ND		4.7		ug/Kg		07/16/13 13:23	07/17/13 19:32	1
1,2,3-Trichloropropane	ND		9.4		ug/Kg		07/16/13 13:23	07/17/13 19:32	1
1,2,4-Trimethylbenzene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 19:32	1
1,3,5-Trimethylbenzene	ND		1.9		ug/Kg		07/16/13 13:23	07/17/13 19:32	1
Vinyl chloride	ND		4.7		ug/Kg		07/16/13 13:23	07/17/13 19:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*80 - 120*	*07/16/13 13:23*	*07/17/13 19:32*	*1*
Dibromofluoromethane (Surr)	*106*		*80 - 125*	*07/16/13 13:23*	*07/17/13 19:32*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*	*07/16/13 13:23*	*07/17/13 19:32*	*1*

Client Sample ID: EB-3-40

Lab Sample ID: 440-51690-28

Date Collected: 07/15/13 16:12
Matrix: Solid
Date Received: 07/15/13 18:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.4		ug/Kg		07/16/13 13:23	07/17/13 20:01	1
Bromobenzene	ND		5.9		ug/Kg		07/16/13 13:23	07/17/13 20:01	1
Bromochloromethane	ND		5.9		ug/Kg		07/16/13 13:23	07/17/13 20:01	1
Bromodichloromethane	ND		2.4		ug/Kg		07/16/13 13:23	07/17/13 20:01	1
Bromoform	ND		5.9		ug/Kg		07/16/13 13:23	07/17/13 20:01	1
Bromomethane	ND		5.9		ug/Kg		07/16/13 13:23	07/17/13 20:01	1
Carbon tetrachloride	ND		5.9		ug/Kg		07/16/13 13:23	07/17/13 20:01	1
Chlorobenzene	ND		2.4		ug/Kg		07/16/13 13:23	07/17/13 20:01	1
Chloroethane	ND		5.9		ug/Kg		07/16/13 13:23	07/17/13 20:01	1
Chloroform	ND		2.4		ug/Kg		07/16/13 13:23	07/17/13 20:01	1
Chloromethane	ND		5.9		ug/Kg		07/16/13 13:23	07/17/13 20:01	1
2-Chlorotoluene	ND		5.9		ug/Kg		07/16/13 13:23	07/17/13 20:01	1
4-Chlorotoluene	ND		5.9		ug/Kg		07/16/13 13:23	07/17/13 20:01	1
cis-1,2-Dichloroethene	ND		2.4		ug/Kg		07/16/13 13:23	07/17/13 20:01	1
cis-1,3-Dichloropropene	ND		2.4		ug/Kg		07/16/13 13:23	07/17/13 20:01	1
Dibromochloromethane	ND		2.4		ug/Kg		07/16/13 13:23	07/17/13 20:01	1
1,2-Dibromo-3-Chloropropane	ND		5.9		ug/Kg		07/16/13 13:23	07/17/13 20:01	1
1,2-Dibromoethane (EDB)	ND		2.4		ug/Kg		07/16/13 13:23	07/17/13 20:01	1
Dibromomethane	ND		2.4		ug/Kg		07/16/13 13:23	07/17/13 20:01	1
1,2-Dichlorobenzene	ND		2.4		ug/Kg		07/16/13 13:23	07/17/13 20:01	1
1,3-Dichlorobenzene	ND		2.4		ug/Kg		07/16/13 13:23	07/17/13 20:01	1
1,4-Dichlorobenzene	ND		2.4		ug/Kg		07/16/13 13:23	07/17/13 20:01	1
Dichlorodifluoromethane	ND		5.9		ug/Kg		07/16/13 13:23	07/17/13 20:01	1
1,1-Dichloroethane	ND		2.4		ug/Kg		07/16/13 13:23	07/17/13 20:01	1
1,2-Dichloroethane	ND		2.4		ug/Kg		07/16/13 13:23	07/17/13 20:01	1
1,1-Dichloroethene	ND		5.9		ug/Kg		07/16/13 13:23	07/17/13 20:01	1
1,2-Dichloropropane	ND		2.4		ug/Kg		07/16/13 13:23	07/17/13 20:01	1
1,3-Dichloropropane	ND		2.4		ug/Kg		07/16/13 13:23	07/17/13 20:01	1

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51690-1

Client Sample ID: EB-3-40

Date Collected: 07/15/13 16:12
Date Received: 07/15/13 18:30

Lab Sample ID: 440-51690-28

Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
2,2-Dichloropropane	ND		2.4		ug/Kg		07/16/13 13:23	07/17/13 20:01	1
1,1-Dichloropropene	ND		2.4		ug/Kg		07/16/13 13:23	07/17/13 20:01	1
Ethylbenzene	ND		2.4		ug/Kg		07/16/13 13:23	07/17/13 20:01	1
Hexachlorobutadiene	ND		5.9		ug/Kg		07/16/13 13:23	07/17/13 20:01	1
Isopropylbenzene	ND		2.4		ug/Kg		07/16/13 13:23	07/17/13 20:01	1
Methylene Chloride	ND		24		ug/Kg		07/16/13 13:23	07/17/13 20:01	1
m,p-Xylene	ND		2.4		ug/Kg		07/16/13 13:23	07/17/13 20:01	1
Naphthalene	ND		5.9		ug/Kg		07/16/13 13:23	07/17/13 20:01	1
n-Butylbenzene	ND		5.9		ug/Kg		07/16/13 13:23	07/17/13 20:01	1
N-Propylbenzene	ND		2.4		ug/Kg		07/16/13 13:23	07/17/13 20:01	1
o-Xylene	ND		2.4		ug/Kg		07/16/13 13:23	07/17/13 20:01	1
p-Isopropyltoluene	ND		2.4		ug/Kg		07/16/13 13:23	07/17/13 20:01	1
sec-Butylbenzene	ND		5.9		ug/Kg		07/16/13 13:23	07/17/13 20:01	1
Styrene	ND		2.4		ug/Kg		07/16/13 13:23	07/17/13 20:01	1
tert-Butylbenzene	ND		5.9		ug/Kg		07/16/13 13:23	07/17/13 20:01	1
1,1,1,2-Tetrachloroethane	ND		5.9		ug/Kg		07/16/13 13:23	07/17/13 20:01	1
1,1,2,2-Tetrachloroethane	ND		2.4		ug/Kg		07/16/13 13:23	07/17/13 20:01	1
Tetrachloroethene	ND		2.4		ug/Kg		07/16/13 13:23	07/17/13 20:01	1
Toluene	ND		2.4		ug/Kg		07/16/13 13:23	07/17/13 20:01	1
trans-1,2-Dichloroethene	ND		2.4		ug/Kg		07/16/13 13:23	07/17/13 20:01	1
trans-1,3-Dichloropropene	ND		2.4		ug/Kg		07/16/13 13:23	07/17/13 20:01	1
1,2,3-Trichlorobenzene	ND		5.9		ug/Kg		07/16/13 13:23	07/17/13 20:01	1
1,2,4-Trichlorobenzene	ND		5.9		ug/Kg		07/16/13 13:23	07/17/13 20:01	1
1,1,1-Trichloroethane	ND		2.4		ug/Kg		07/16/13 13:23	07/17/13 20:01	1
1,1,2-Trichloroethane	ND		2.4		ug/Kg		07/16/13 13:23	07/17/13 20:01	1
Trichloroethene	ND		2.4		ug/Kg		07/16/13 13:23	07/17/13 20:01	1
Trichlorofluoromethane	ND		5.9		ug/Kg		07/16/13 13:23	07/17/13 20:01	1
1,2,3-Trichloropropane	ND		12		ug/Kg		07/16/13 13:23	07/17/13 20:01	1
1,2,4-Trimethylbenzene	ND		2.4		ug/Kg		07/16/13 13:23	07/17/13 20:01	1
1,3,5-Trimethylbenzene	ND		2.4		ug/Kg		07/16/13 13:23	07/17/13 20:01	1
Vinyl chloride	ND		5.9		ug/Kg		07/16/13 13:23	07/17/13 20:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*80 - 120*	*07/16/13 13:23*	*07/17/13 20:01*	*1*
Dibromofluoromethane (Surr)	*115*		*80 - 125*	*07/16/13 13:23*	*07/17/13 20:01*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*	*07/16/13 13:23*	*07/17/13 20:01*	*1*

Client Sample ID: TB-071513

Date Collected: 07/15/13 08:00
Date Received: 07/15/13 18:30

Lab Sample ID: 440-51690-30

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			07/19/13 02:23	1
Bromobenzene	ND		1.0		ug/L			07/19/13 02:23	1
Bromochloromethane	ND		1.0		ug/L			07/19/13 02:23	1
Bromodichloromethane	ND		1.0		ug/L			07/19/13 02:23	1
Bromoform	ND		1.0		ug/L			07/19/13 02:23	1
Bromomethane	ND		1.0		ug/L			07/19/13 02:23	1
Carbon tetrachloride	ND		0.50		ug/L			07/19/13 02:23	1

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51690-1

Client Sample ID: TB-071513
Date Collected: 07/15/13 08:00
Date Received: 07/15/13 18:30

Lab Sample ID: 440-51690-30
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		1.0		ug/L			07/19/13 02:23	1
Chloroethane	ND		1.0		ug/L			07/19/13 02:23	1
Chloroform	ND		1.0		ug/L			07/19/13 02:23	1
Chloromethane	ND		1.0		ug/L			07/19/13 02:23	1
2-Chlorotoluene	ND		1.0		ug/L			07/19/13 02:23	1
4-Chlorotoluene	ND		1.0		ug/L			07/19/13 02:23	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			07/19/13 02:23	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			07/19/13 02:23	1
Dibromochloromethane	ND		1.0		ug/L			07/19/13 02:23	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/L			07/19/13 02:23	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			07/19/13 02:23	1
Dibromomethane	ND		1.0		ug/L			07/19/13 02:23	1
1,2-Dichlorobenzene	ND		1.0		ug/L			07/19/13 02:23	1
1,3-Dichlorobenzene	ND		1.0		ug/L			07/19/13 02:23	1
1,4-Dichlorobenzene	ND		1.0		ug/L			07/19/13 02:23	1
Dichlorodifluoromethane	ND		5.0		ug/L			07/19/13 02:23	1
1,1-Dichloroethane	ND		1.0		ug/L			07/19/13 02:23	1
1,2-Dichloroethane	ND		0.50		ug/L			07/19/13 02:23	1
1,1-Dichloroethene	ND		1.0		ug/L			07/19/13 02:23	1
1,2-Dichloropropane	ND		1.0		ug/L			07/19/13 02:23	1
1,3-Dichloropropane	ND		1.0		ug/L			07/19/13 02:23	1
2,2-Dichloropropane	ND		1.0		ug/L			07/19/13 02:23	1
1,1-Dichloropropene	ND		1.0		ug/L			07/19/13 02:23	1
Ethylbenzene	ND		1.0		ug/L			07/19/13 02:23	1
Hexachlorobutadiene	ND		1.0		ug/L			07/19/13 02:23	1
Isopropylbenzene	ND		1.0		ug/L			07/19/13 02:23	1
Methylene Chloride	ND		5.0		ug/L			07/19/13 02:23	1
m,p-Xylene	ND		1.0		ug/L			07/19/13 02:23	1
Naphthalene	ND		1.0		ug/L			07/19/13 02:23	1
n-Butylbenzene	ND		1.0		ug/L			07/19/13 02:23	1
N-Propylbenzene	ND		1.0		ug/L			07/19/13 02:23	1
o-Xylene	ND		1.0		ug/L			07/19/13 02:23	1
p-Isopropyltoluene	ND		1.0		ug/L			07/19/13 02:23	1
sec-Butylbenzene	ND		1.0		ug/L			07/19/13 02:23	1
Styrene	ND		1.0		ug/L			07/19/13 02:23	1
tert-Butylbenzene	ND		1.0		ug/L			07/19/13 02:23	1
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			07/19/13 02:23	1
1,1,2,2-Tetrachloroethane	ND		1.0		ug/L			07/19/13 02:23	1
Tetrachloroethene	ND		1.0		ug/L			07/19/13 02:23	1
Toluene	ND		1.0		ug/L			07/19/13 02:23	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			07/19/13 02:23	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			07/19/13 02:23	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			07/19/13 02:23	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			07/19/13 02:23	1
1,1,1-Trichloroethane	ND		1.0		ug/L			07/19/13 02:23	1
1,1,2-Trichloroethane	ND		1.0		ug/L			07/19/13 02:23	1
Trichloroethene	ND		1.0		ug/L			07/19/13 02:23	1
Trichlorofluoromethane	ND		1.0		ug/L			07/19/13 02:23	1
1,2,3-Trichloropropane	ND		1.0		ug/L			07/19/13 02:23	1

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51690-1

Client Sample ID: TB-071513

Lab Sample ID: 440-51690-30

Date Collected: 07/15/13 08:00

Matrix: Water

Date Received: 07/15/13 18:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	ND		1.0		ug/L			07/19/13 02:23	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			07/19/13 02:23	1
Vinyl chloride	ND		0.50		ug/L			07/19/13 02:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*		*07/19/13 02:23*	*1*
Dibromofluoromethane (Surr)	*107*		*80 - 120*		*07/19/13 02:23*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*07/19/13 02:23*	*1*

Client Sample ID: EB-3-HP-43.6

Lab Sample ID: 440-51690-31

Date Collected: 07/15/13 17:05

Matrix: Water

Date Received: 07/15/13 18:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			07/18/13 01:19	1
Bromobenzene	ND		1.0		ug/L			07/18/13 01:19	1
Bromochloromethane	ND		1.0		ug/L			07/18/13 01:19	1
Bromodichloromethane	ND		1.0		ug/L			07/18/13 01:19	1
Bromoform	ND		1.0		ug/L			07/18/13 01:19	1
Bromomethane	ND		1.0		ug/L			07/18/13 01:19	1
Carbon tetrachloride	ND		0.50		ug/L			07/18/13 01:19	1
Chlorobenzene	ND		1.0		ug/L			07/18/13 01:19	1
Chloroethane	ND		1.0		ug/L			07/18/13 01:19	1
Chloroform	ND		1.0		ug/L			07/18/13 01:19	1
Chloromethane	ND		1.0		ug/L			07/18/13 01:19	1
2-Chlorotoluene	ND		1.0		ug/L			07/18/13 01:19	1
4-Chlorotoluene	ND		1.0		ug/L			07/18/13 01:19	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			07/18/13 01:19	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			07/18/13 01:19	1
Dibromochloromethane	ND		1.0		ug/L			07/18/13 01:19	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/L			07/18/13 01:19	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			07/18/13 01:19	1
Dibromomethane	ND		1.0		ug/L			07/18/13 01:19	1
1,2-Dichlorobenzene	ND		1.0		ug/L			07/18/13 01:19	1
1,3-Dichlorobenzene	ND		1.0		ug/L			07/18/13 01:19	1
1,4-Dichlorobenzene	ND		1.0		ug/L			07/18/13 01:19	1
Dichlorodifluoromethane	ND		5.0		ug/L			07/18/13 01:19	1
1,1-Dichloroethane	ND		1.0		ug/L			07/18/13 01:19	1
1,2-Dichloroethane	ND		0.50		ug/L			07/18/13 01:19	1
1,1-Dichloroethene	ND		1.0		ug/L			07/18/13 01:19	1
1,2-Dichloropropane	ND		1.0		ug/L			07/18/13 01:19	1
1,3-Dichloropropane	ND		1.0		ug/L			07/18/13 01:19	1
2,2-Dichloropropane	ND		1.0		ug/L			07/18/13 01:19	1
1,1-Dichloropropene	ND		1.0		ug/L			07/18/13 01:19	1
Ethylbenzene	ND		1.0		ug/L			07/18/13 01:19	1
Hexachlorobutadiene	ND		1.0		ug/L			07/18/13 01:19	1
Isopropylbenzene	ND		1.0		ug/L			07/18/13 01:19	1
Methylene Chloride	ND		5.0		ug/L			07/18/13 01:19	1
m,p-Xylene	ND		1.0		ug/L			07/18/13 01:19	1

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51690-1

Client Sample ID: EB-3-HP-43.6
Date Collected: 07/15/13 17:05
Date Received: 07/15/13 18:30

Lab Sample ID: 440-51690-31
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		1.0		ug/L			07/18/13 01:19	1
n-Butylbenzene	ND		1.0		ug/L			07/18/13 01:19	1
N-Propylbenzene	ND		1.0		ug/L			07/18/13 01:19	1
o-Xylene	ND		1.0		ug/L			07/18/13 01:19	1
p-Isopropyltoluene	ND		1.0		ug/L			07/18/13 01:19	1
sec-Butylbenzene	ND		1.0		ug/L			07/18/13 01:19	1
Styrene	ND		1.0		ug/L			07/18/13 01:19	1
tert-Butylbenzene	ND		1.0		ug/L			07/18/13 01:19	1
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			07/18/13 01:19	1
1,1,2,2-Tetrachloroethane	ND		1.0		ug/L			07/18/13 01:19	1
Tetrachloroethene	**9.8**		1.0		ug/L			07/18/13 01:19	1
Toluene	ND		1.0		ug/L			07/18/13 01:19	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			07/18/13 01:19	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			07/18/13 01:19	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			07/18/13 01:19	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			07/18/13 01:19	1
1,1,1-Trichloroethane	ND		1.0		ug/L			07/18/13 01:19	1
1,1,2-Trichloroethane	ND		1.0		ug/L			07/18/13 01:19	1
Trichloroethene	**90**		1.0		ug/L			07/18/13 01:19	1
Trichlorofluoromethane	ND		1.0		ug/L			07/18/13 01:19	1
1,2,3-Trichloropropane	ND		1.0		ug/L			07/18/13 01:19	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			07/18/13 01:19	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			07/18/13 01:19	1
Vinyl chloride	ND		0.50		ug/L			07/18/13 01:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*80 - 120*		*07/18/13 01:19*	*1*
Dibromofluoromethane (Surr)	*105*		*80 - 120*		*07/18/13 01:19*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*07/18/13 01:19*	*1*

Method Summary

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51690-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL IRV

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Lab Chronicle

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51690-1

Client Sample ID: EB-1-5
Date Collected: 07/15/13 08:31
Date Received: 07/15/13 18:30

Lab Sample ID: 440-51690-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.54 g	10 mL	117865	07/16/13 13:23	MP	TAL IRV
Total/NA	Analysis	8260B		1			118064	07/17/13 13:07	BD	TAL IRV

Client Sample ID: EB-1-10
Date Collected: 07/15/13 08:40
Date Received: 07/15/13 18:30

Lab Sample ID: 440-51690-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.17 g	10 mL	117865	07/16/13 13:23	MP	TAL IRV
Total/NA	Analysis	8260B		1			118232	07/17/13 22:05	WC	TAL IRV

Client Sample ID: EB-1-20
Date Collected: 07/15/13 08:52
Date Received: 07/15/13 18:30

Lab Sample ID: 440-51690-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.8 g	10 mL	117865	07/16/13 13:23	MP	TAL IRV
Total/NA	Analysis	8260B		1			118064	07/17/13 14:06	BD	TAL IRV

Client Sample ID: EB-1-30
Date Collected: 07/15/13 09:25
Date Received: 07/15/13 18:30

Lab Sample ID: 440-51690-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.67 g	10 mL	117865	07/16/13 13:23	MP	TAL IRV
Total/NA	Analysis	8260B		1			118064	07/17/13 14:36	BD	TAL IRV

Client Sample ID: EB-1-40
Date Collected: 07/15/13 10:30
Date Received: 07/15/13 18:30

Lab Sample ID: 440-51690-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.77 g	10 mL	117865	07/16/13 13:23	MP	TAL IRV
Total/NA	Analysis	8260B		1			118064	07/17/13 15:05	BD	TAL IRV

Client Sample ID: EB-1-HP-46.5
Date Collected: 07/15/13 11:00
Date Received: 07/15/13 18:30

Lab Sample ID: 440-51690-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	118225	07/18/13 01:48	AA	TAL IRV

Lab Chronicle

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51690-1

Client Sample ID: EB-2-5
Date Collected: 07/15/13 12:10
Date Received: 07/15/13 18:30

Lab Sample ID: 440-51690-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.37 g	10 mL	117865	07/16/13 13:23	MP	TAL IRV
Total/NA	Analysis	8260B		1			118064	07/17/13 15:35	BD	TAL IRV

Client Sample ID: EB-2-10
Date Collected: 07/15/13 12:18
Date Received: 07/15/13 18:30

Lab Sample ID: 440-51690-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.73 g	10 mL	117865	07/16/13 13:23	MP	TAL IRV
Total/NA	Analysis	8260B		1			118064	07/17/13 16:05	BD	TAL IRV

Client Sample ID: EB-2-20
Date Collected: 07/15/13 12:30
Date Received: 07/15/13 18:30

Lab Sample ID: 440-51690-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.48 g	10 mL	117865	07/16/13 13:23	MP	TAL IRV
Total/NA	Analysis	8260B		1			118064	07/17/13 16:35	BD	TAL IRV

Client Sample ID: EB-2-30
Date Collected: 07/15/13 12:42
Date Received: 07/15/13 18:30

Lab Sample ID: 440-51690-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.88 g	10 mL	117865	07/16/13 13:23	MP	TAL IRV
Total/NA	Analysis	8260B		1			118064	07/17/13 17:04	BD	TAL IRV

Client Sample ID: EB-2-40
Date Collected: 07/15/13 13:05
Date Received: 07/15/13 18:30

Lab Sample ID: 440-51690-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.47 g	10 mL	117865	07/16/13 13:23	MP	TAL IRV
Total/NA	Analysis	8260B		1			118064	07/17/13 17:33	BD	TAL IRV

Client Sample ID: EB-2-HP-45.3
Date Collected: 07/15/13 13:50
Date Received: 07/15/13 18:30

Lab Sample ID: 440-51690-20
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2	10 mL	10 mL	118635	07/19/13 17:56	MP	TAL IRV

Lab Chronicle

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51690-1

Client Sample ID: EB-3-5
Date Collected: 07/15/13 15:20
Date Received: 07/15/13 18:30

Lab Sample ID: 440-51690-21
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.45 g	10 mL	117865	07/16/13 13:23	MP	TAL IRV
Total/NA	Analysis	8260B		1			118064	07/17/13 18:03	BD	TAL IRV

Client Sample ID: EB-3-10
Date Collected: 07/15/13 15:25
Date Received: 07/15/13 18:30

Lab Sample ID: 440-51690-22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.23 g	10 mL	117865	07/16/13 13:23	MP	TAL IRV
Total/NA	Analysis	8260B		1			118064	07/17/13 18:33	BD	TAL IRV

Client Sample ID: EB-3-20
Date Collected: 07/15/13 15:45
Date Received: 07/15/13 18:30

Lab Sample ID: 440-51690-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.4 g	10 mL	117865	07/16/13 13:23	MP	TAL IRV
Total/NA	Analysis	8260B		1			118064	07/17/13 19:02	BD	TAL IRV

Client Sample ID: EB-3-30
Date Collected: 07/15/13 16:00
Date Received: 07/15/13 18:30

Lab Sample ID: 440-51690-26
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.33 g	10 mL	117865	07/16/13 13:23	MP	TAL IRV
Total/NA	Analysis	8260B		1			118064	07/17/13 19:32	BD	TAL IRV

Client Sample ID: EB-3-40
Date Collected: 07/15/13 16:12
Date Received: 07/15/13 18:30

Lab Sample ID: 440-51690-28
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.21 g	10 mL	117865	07/16/13 13:23	MP	TAL IRV
Total/NA	Analysis	8260B		1			118064	07/17/13 20:01	BD	TAL IRV

Client Sample ID: TB-071513
Date Collected: 07/15/13 08:00
Date Received: 07/15/13 18:30

Lab Sample ID: 440-51690-30
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	118536	07/19/13 02:23	AA	TAL IRV

Lab Chronicle

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51690-1

Client Sample ID: EB-3-HP-43.6
Date Collected: 07/15/13 17:05
Date Received: 07/15/13 18:30

Lab Sample ID: 440-51690-31
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	118225	07/18/13 01:19	AA	TAL IRV

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51690-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 440-118064/3
Matrix: Solid
Analysis Batch: 118064

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/Kg			07/17/13 11:38	1
Bromobenzene	ND		5.0		ug/Kg			07/17/13 11:38	1
Bromochloromethane	ND		5.0		ug/Kg			07/17/13 11:38	1
Bromodichloromethane	ND		2.0		ug/Kg			07/17/13 11:38	1
Bromoform	ND		5.0		ug/Kg			07/17/13 11:38	1
Bromomethane	ND		5.0		ug/Kg			07/17/13 11:38	1
Carbon tetrachloride	ND		5.0		ug/Kg			07/17/13 11:38	1
Chlorobenzene	ND		2.0		ug/Kg			07/17/13 11:38	1
Chloroethane	ND		5.0		ug/Kg			07/17/13 11:38	1
Chloroform	ND		2.0		ug/Kg			07/17/13 11:38	1
Chloromethane	ND		5.0		ug/Kg			07/17/13 11:38	1
2-Chlorotoluene	ND		5.0		ug/Kg			07/17/13 11:38	1
4-Chlorotoluene	ND		5.0		ug/Kg			07/17/13 11:38	1
cis-1,2-Dichloroethene	ND		2.0		ug/Kg			07/17/13 11:38	1
cis-1,3-Dichloropropene	ND		2.0		ug/Kg			07/17/13 11:38	1
Dibromochloromethane	ND		2.0		ug/Kg			07/17/13 11:38	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/Kg			07/17/13 11:38	1
1,2-Dibromoethane (EDB)	ND		2.0		ug/Kg			07/17/13 11:38	1
Dibromomethane	ND		2.0		ug/Kg			07/17/13 11:38	1
1,2-Dichlorobenzene	ND		2.0		ug/Kg			07/17/13 11:38	1
1,3-Dichlorobenzene	ND		2.0		ug/Kg			07/17/13 11:38	1
1,4-Dichlorobenzene	ND		2.0		ug/Kg			07/17/13 11:38	1
Dichlorodifluoromethane	ND		5.0		ug/Kg			07/17/13 11:38	1
1,1-Dichloroethane	ND		2.0		ug/Kg			07/17/13 11:38	1
1,2-Dichloroethane	ND		2.0		ug/Kg			07/17/13 11:38	1
1,1-Dichloroethene	ND		5.0		ug/Kg			07/17/13 11:38	1
1,2-Dichloropropane	ND		2.0		ug/Kg			07/17/13 11:38	1
1,3-Dichloropropane	ND		2.0		ug/Kg			07/17/13 11:38	1
2,2-Dichloropropane	ND		2.0		ug/Kg			07/17/13 11:38	1
1,1-Dichloropropene	ND		2.0		ug/Kg			07/17/13 11:38	1
Ethylbenzene	ND		2.0		ug/Kg			07/17/13 11:38	1
Hexachlorobutadiene	ND		5.0		ug/Kg			07/17/13 11:38	1
Isopropylbenzene	ND		2.0		ug/Kg			07/17/13 11:38	1
Methylene Chloride	ND		20		ug/Kg			07/17/13 11:38	1
m,p-Xylene	ND		2.0		ug/Kg			07/17/13 11:38	1
Naphthalene	ND		5.0		ug/Kg			07/17/13 11:38	1
n-Butylbenzene	ND		5.0		ug/Kg			07/17/13 11:38	1
N-Propylbenzene	ND		2.0		ug/Kg			07/17/13 11:38	1
o-Xylene	ND		2.0		ug/Kg			07/17/13 11:38	1
p-Isopropyltoluene	ND		2.0		ug/Kg			07/17/13 11:38	1
sec-Butylbenzene	ND		5.0		ug/Kg			07/17/13 11:38	1
Styrene	ND		2.0		ug/Kg			07/17/13 11:38	1
tert-Butylbenzene	ND		5.0		ug/Kg			07/17/13 11:38	1
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg			07/17/13 11:38	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg			07/17/13 11:38	1
Tetrachloroethene	ND		2.0		ug/Kg			07/17/13 11:38	1
Toluene	ND		2.0		ug/Kg			07/17/13 11:38	1
trans-1,2-Dichloroethene	ND		2.0		ug/Kg			07/17/13 11:38	1

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51690-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 440-118064/3
Matrix: Solid
Analysis Batch: 118064

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		2.0		ug/Kg			07/17/13 11:38	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg			07/17/13 11:38	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg			07/17/13 11:38	1
1,1,1-Trichloroethane	ND		2.0		ug/Kg			07/17/13 11:38	1
1,1,2-Trichloroethane	ND		2.0		ug/Kg			07/17/13 11:38	1
Trichloroethene	ND		2.0		ug/Kg			07/17/13 11:38	1
Trichlorofluoromethane	ND		5.0		ug/Kg			07/17/13 11:38	1
1,2,3-Trichloropropane	ND		10		ug/Kg			07/17/13 11:38	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg			07/17/13 11:38	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg			07/17/13 11:38	1
Vinyl chloride	ND		5.0		ug/Kg			07/17/13 11:38	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*80 - 120*		*07/17/13 11:38*	*1*
Dibromofluoromethane (Surr)	*88*		*80 - 125*		*07/17/13 11:38*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*07/17/13 11:38*	*1*

Lab Sample ID: LCS 440-118064/4
Matrix: Solid
Analysis Batch: 118064

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	50.0	48.5		ug/Kg		97	65 - 120
Bromobenzene	50.0	54.6		ug/Kg		109	75 - 120
Bromochloromethane	50.0	45.5		ug/Kg		91	70 - 135
Bromodichloromethane	50.0	50.2		ug/Kg		100	70 - 135
Bromoform	50.0	51.5		ug/Kg		103	55 - 135
Bromomethane	50.0	50.6		ug/Kg		101	60 - 145
Carbon tetrachloride	50.0	51.1		ug/Kg		102	65 - 140
Chlorobenzene	50.0	48.1		ug/Kg		96	75 - 120
Chloroethane	50.0	50.5		ug/Kg		101	60 - 140
Chloroform	50.0	48.9		ug/Kg		98	70 - 130
Chloromethane	50.0	47.0		ug/Kg		94	45 - 145
2-Chlorotoluene	50.0	55.6		ug/Kg		111	70 - 125
4-Chlorotoluene	50.0	56.2		ug/Kg		112	75 - 125
cis-1,2-Dichloroethene	50.0	56.5		ug/Kg		113	70 - 125
cis-1,3-Dichloropropene	50.0	54.4		ug/Kg		109	75 - 125
Dibromochloromethane	50.0	47.8		ug/Kg		96	65 - 140
1,2-Dibromo-3-Chloropropane	50.0	40.6		ug/Kg		81	50 - 135
1,2-Dibromoethane (EDB)	50.0	50.1		ug/Kg		100	70 - 130
Dibromomethane	50.0	46.5		ug/Kg		93	70 - 130
1,2-Dichlorobenzene	50.0	49.8		ug/Kg		100	75 - 120
1,3-Dichlorobenzene	50.0	50.0		ug/Kg		100	75 - 125
1,4-Dichlorobenzene	50.0	47.6		ug/Kg		95	75 - 120
Dichlorodifluoromethane	50.0	46.1		ug/Kg		92	35 - 160
1,1-Dichloroethane	50.0	47.2		ug/Kg		94	70 - 130
1,2-Dichloroethane	50.0	46.1		ug/Kg		92	60 - 140
1,1-Dichloroethene	50.0	52.9		ug/Kg		106	70 - 125

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51690-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 440-118064/4
Matrix: Solid
Analysis Batch: 118064

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloropropane	50.0	47.1		ug/Kg		94	70 - 130
1,3-Dichloropropane	50.0	47.5		ug/Kg		95	70 - 125
2,2-Dichloropropane	50.0	58.1		ug/Kg		116	60 - 145
1,1-Dichloropropene	50.0	54.1		ug/Kg		108	70 - 130
Ethylbenzene	50.0	55.6		ug/Kg		111	70 - 125
Hexachlorobutadiene	50.0	42.5		ug/Kg		85	60 - 135
Isopropylbenzene	50.0	61.8		ug/Kg		124	75 - 130
Methylene Chloride	50.0	46.8		ug/Kg		94	55 - 135
m,p-Xylene	100	108		ug/Kg		108	70 - 125
Naphthalene	50.0	40.9		ug/Kg		82	55 - 135
n-Butylbenzene	50.0	50.0		ug/Kg		100	70 - 130
N-Propylbenzene	50.0	54.9		ug/Kg		110	70 - 130
o-Xylene	50.0	55.2		ug/Kg		110	70 - 125
p-Isopropyltoluene	50.0	52.3		ug/Kg		105	75 - 125
sec-Butylbenzene	50.0	50.9		ug/Kg		102	70 - 125
Styrene	50.0	51.6		ug/Kg		103	75 - 130
tert-Butylbenzene	50.0	52.1		ug/Kg		104	70 - 125
1,1,1,2-Tetrachloroethane	50.0	52.4		ug/Kg		105	70 - 130
1,1,2,2-Tetrachloroethane	50.0	49.1		ug/Kg		98	55 - 140
Tetrachloroethene	50.0	48.7		ug/Kg		97	70 - 125
Toluene	50.0	53.2		ug/Kg		106	70 - 125
trans-1,2-Dichloroethene	50.0	52.3		ug/Kg		105	70 - 125
trans-1,3-Dichloropropene	50.0	47.2		ug/Kg		94	70 - 135
1,2,3-Trichlorobenzene	50.0	43.4		ug/Kg		87	60 - 130
1,2,4-Trichlorobenzene	50.0	48.1		ug/Kg		96	70 - 135
1,1,1-Trichloroethane	50.0	48.6		ug/Kg		97	65 - 135
1,1,2-Trichloroethane	50.0	45.6		ug/Kg		91	65 - 135
Trichloroethene	50.0	47.6		ug/Kg		95	70 - 125
Trichlorofluoromethane	50.0	64.8		ug/Kg		130	60 - 145
1,2,3-Trichloropropane	50.0	46.6		ug/Kg		93	60 - 135
1,2,4-Trimethylbenzene	50.0	51.4		ug/Kg		103	70 - 125
1,3,5-Trimethylbenzene	50.0	51.2		ug/Kg		102	70 - 125
Vinyl chloride	50.0	48.2		ug/Kg		96	55 - 135

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*
Dibromofluoromethane (Surr)	*94*		*80 - 125*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: LCSD 440-118064/5
Matrix: Solid
Analysis Batch: 118064

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	50.0	45.8		ug/Kg		92	65 - 120	6	20
Bromobenzene	50.0	52.5		ug/Kg		105	75 - 120	4	20
Bromochloromethane	50.0	44.3		ug/Kg		89	70 - 135	3	20
Bromodichloromethane	50.0	47.7		ug/Kg		95	70 - 135	5	20

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51690-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 440-118064/5
Matrix: Solid
Analysis Batch: 118064

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bromoform	50.0	50.5		ug/Kg		101	55 - 135	2	25
Bromomethane	50.0	47.7		ug/Kg		95	60 - 145	6	20
Carbon tetrachloride	50.0	50.5		ug/Kg		101	65 - 140	1	20
Chlorobenzene	50.0	47.1		ug/Kg		94	75 - 120	2	20
Chloroethane	50.0	47.6		ug/Kg		95	60 - 140	6	25
Chloroform	50.0	47.1		ug/Kg		94	70 - 130	4	20
Chloromethane	50.0	48.0		ug/Kg		96	45 - 145	2	25
2-Chlorotoluene	50.0	52.9		ug/Kg		106	70 - 125	5	20
4-Chlorotoluene	50.0	52.9		ug/Kg		106	75 - 125	6	20
cis-1,2-Dichloroethene	50.0	54.5		ug/Kg		109	70 - 125	4	20
cis-1,3-Dichloropropene	50.0	52.7		ug/Kg		105	75 - 125	3	20
Dibromochloromethane	50.0	45.8		ug/Kg		92	65 - 140	4	20
1,2-Dibromo-3-Chloropropane	50.0	37.5		ug/Kg		75	50 - 135	8	30
1,2-Dibromoethane (EDB)	50.0	47.2		ug/Kg		94	70 - 130	6	20
Dibromomethane	50.0	43.7		ug/Kg		87	70 - 130	6	20
1,2-Dichlorobenzene	50.0	49.1		ug/Kg		98	75 - 120	2	20
1,3-Dichlorobenzene	50.0	48.9		ug/Kg		98	75 - 125	2	20
1,4-Dichlorobenzene	50.0	46.9		ug/Kg		94	75 - 120	1	20
Dichlorodifluoromethane	50.0	44.6		ug/Kg		89	35 - 160	3	30
1,1-Dichloroethane	50.0	45.8		ug/Kg		92	70 - 130	3	20
1,2-Dichloroethane	50.0	43.8		ug/Kg		88	60 - 140	5	20
1,1-Dichloroethene	50.0	51.3		ug/Kg		103	70 - 125	3	20
1,2-Dichloropropane	50.0	45.6		ug/Kg		91	70 - 130	3	20
1,3-Dichloropropane	50.0	44.7		ug/Kg		89	70 - 125	6	20
2,2-Dichloropropane	50.0	54.3		ug/Kg		109	60 - 145	7	20
1,1-Dichloropropene	50.0	51.5		ug/Kg		103	70 - 130	5	20
Ethylbenzene	50.0	53.9		ug/Kg		108	70 - 125	3	20
Hexachlorobutadiene	50.0	43.4		ug/Kg		87	60 - 135	2	20
Isopropylbenzene	50.0	59.5		ug/Kg		119	75 - 130	4	20
Methylene Chloride	50.0	44.6		ug/Kg		89	55 - 135	5	20
m,p-Xylene	100	106		ug/Kg		106	70 - 125	2	20
Naphthalene	50.0	38.5		ug/Kg		77	55 - 135	6	25
n-Butylbenzene	50.0	49.3		ug/Kg		99	70 - 130	2	20
N-Propylbenzene	50.0	52.5		ug/Kg		105	70 - 130	4	20
o-Xylene	50.0	52.7		ug/Kg		105	70 - 125	5	20
p-Isopropyltoluene	50.0	51.4		ug/Kg		103	75 - 125	2	20
sec-Butylbenzene	50.0	49.9		ug/Kg		100	70 - 125	2	20
Styrene	50.0	50.0		ug/Kg		100	75 - 130	3	20
tert-Butylbenzene	50.0	51.1		ug/Kg		102	70 - 125	2	20
1,1,1,2-Tetrachloroethane	50.0	50.9		ug/Kg		102	70 - 130	3	20
1,1,2,2-Tetrachloroethane	50.0	45.3		ug/Kg		91	55 - 140	8	30
Tetrachloroethene	50.0	47.4		ug/Kg		95	70 - 125	3	20
Toluene	50.0	51.3		ug/Kg		103	70 - 125	4	20
trans-1,2-Dichloroethene	50.0	50.7		ug/Kg		101	70 - 125	3	20
trans-1,3-Dichloropropene	50.0	45.2		ug/Kg		90	70 - 135	4	20
1,2,3-Trichlorobenzene	50.0	42.2		ug/Kg		84	60 - 130	3	20
1,2,4-Trichlorobenzene	50.0	47.2		ug/Kg		94	70 - 135	2	20
1,1,1-Trichloroethane	50.0	46.9		ug/Kg		94	65 - 135	3	20

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51690-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 440-118064/5
Matrix: Solid
Analysis Batch: 118064

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,2-Trichloroethane			50.0	43.7		ug/Kg		87	65 - 135	4	20
Trichloroethene			50.0	45.6		ug/Kg		91	70 - 125	4	20
Trichlorofluoromethane			50.0	60.8		ug/Kg		122	60 - 145	6	25
1,2,3-Trichloropropane			50.0	44.7		ug/Kg		89	60 - 135	4	25
1,2,4-Trimethylbenzene			50.0	49.9		ug/Kg		100	70 - 125	3	20
1,3,5-Trimethylbenzene			50.0	50.0		ug/Kg		100	70 - 125	2	20
Vinyl chloride			50.0	45.8		ug/Kg		92	55 - 135	5	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*
Dibromofluoromethane (Surr)	*95*		*80 - 125*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: MB 440-118225/7
Matrix: Water
Analysis Batch: 118225

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			07/17/13 18:04	1
Bromobenzene	ND		1.0		ug/L			07/17/13 18:04	1
Bromochloromethane	ND		1.0		ug/L			07/17/13 18:04	1
Bromodichloromethane	ND		1.0		ug/L			07/17/13 18:04	1
Bromoform	ND		1.0		ug/L			07/17/13 18:04	1
Bromomethane	ND		1.0		ug/L			07/17/13 18:04	1
Carbon tetrachloride	ND		0.50		ug/L			07/17/13 18:04	1
Chlorobenzene	ND		1.0		ug/L			07/17/13 18:04	1
Chloroethane	ND		1.0		ug/L			07/17/13 18:04	1
Chloroform	ND		1.0		ug/L			07/17/13 18:04	1
Chloromethane	ND		1.0		ug/L			07/17/13 18:04	1
2-Chlorotoluene	ND		1.0		ug/L			07/17/13 18:04	1
4-Chlorotoluene	ND		1.0		ug/L			07/17/13 18:04	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			07/17/13 18:04	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			07/17/13 18:04	1
Dibromochloromethane	ND		1.0		ug/L			07/17/13 18:04	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/L			07/17/13 18:04	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			07/17/13 18:04	1
Dibromomethane	ND		1.0		ug/L			07/17/13 18:04	1
1,2-Dichlorobenzene	ND		1.0		ug/L			07/17/13 18:04	1
1,3-Dichlorobenzene	ND		1.0		ug/L			07/17/13 18:04	1
1,4-Dichlorobenzene	ND		1.0		ug/L			07/17/13 18:04	1
Dichlorodifluoromethane	ND		5.0		ug/L			07/17/13 18:04	1
1,1-Dichloroethane	ND		1.0		ug/L			07/17/13 18:04	1
1,2-Dichloroethane	ND		0.50		ug/L			07/17/13 18:04	1
1,1-Dichloroethene	ND		1.0		ug/L			07/17/13 18:04	1
1,2-Dichloropropane	ND		1.0		ug/L			07/17/13 18:04	1
1,3-Dichloropropane	ND		1.0		ug/L			07/17/13 18:04	1
2,2-Dichloropropane	ND		1.0		ug/L			07/17/13 18:04	1
1,1-Dichloropropene	ND		1.0		ug/L			07/17/13 18:04	1

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51690-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 440-118225/7
Matrix: Water
Analysis Batch: 118225

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		1.0		ug/L			07/17/13 18:04	1
Hexachlorobutadiene	ND		1.0		ug/L			07/17/13 18:04	1
Isopropylbenzene	ND		1.0		ug/L			07/17/13 18:04	1
Methylene Chloride	ND		5.0		ug/L			07/17/13 18:04	1
m,p-Xylene	ND		1.0		ug/L			07/17/13 18:04	1
Naphthalene	ND		1.0		ug/L			07/17/13 18:04	1
n-Butylbenzene	ND		1.0		ug/L			07/17/13 18:04	1
N-Propylbenzene	ND		1.0		ug/L			07/17/13 18:04	1
o-Xylene	ND		1.0		ug/L			07/17/13 18:04	1
p-Isopropyltoluene	ND		1.0		ug/L			07/17/13 18:04	1
sec-Butylbenzene	ND		1.0		ug/L			07/17/13 18:04	1
Styrene	ND		1.0		ug/L			07/17/13 18:04	1
tert-Butylbenzene	ND		1.0		ug/L			07/17/13 18:04	1
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			07/17/13 18:04	1
1,1,2,2-Tetrachloroethane	ND		1.0		ug/L			07/17/13 18:04	1
Tetrachloroethene	ND		1.0		ug/L			07/17/13 18:04	1
Toluene	ND		1.0		ug/L			07/17/13 18:04	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			07/17/13 18:04	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			07/17/13 18:04	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			07/17/13 18:04	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			07/17/13 18:04	1
1,1,1-Trichloroethane	ND		1.0		ug/L			07/17/13 18:04	1
1,1,2-Trichloroethane	ND		1.0		ug/L			07/17/13 18:04	1
Trichloroethene	ND		1.0		ug/L			07/17/13 18:04	1
Trichlorofluoromethane	ND		1.0		ug/L			07/17/13 18:04	1
1,2,3-Trichloropropane	ND		1.0		ug/L			07/17/13 18:04	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			07/17/13 18:04	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			07/17/13 18:04	1
Vinyl chloride	ND		0.50		ug/L			07/17/13 18:04	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*80 - 120*		*07/17/13 18:04*	*1*
Dibromofluoromethane (Surr)	*100*		*80 - 120*		*07/17/13 18:04*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*07/17/13 18:04*	*1*

Lab Sample ID: LCS 440-118225/8
Matrix: Water
Analysis Batch: 118225

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			25.0	18.6		ug/L		75	68 - 130		
Bromobenzene			25.0	26.7		ug/L		107	70 - 130		
Bromochloromethane			25.0	27.9		ug/L		112	70 - 130		
Bromodichloromethane			25.0	23.8		ug/L		95	70 - 132		
Bromoform			25.0	32.8		ug/L		131	60 - 148		
Bromomethane			25.0	25.0		ug/L		100	64 - 139		
Carbon tetrachloride			25.0	25.7		ug/L		103	60 - 150		
Chlorobenzene			25.0	24.5		ug/L		98	70 - 130		

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51690-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 440-118225/8
Matrix: Water
Analysis Batch: 118225

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroethane	25.0	21.4		ug/L		86	64 - 135
Chloroform	25.0	21.9		ug/L		88	70 - 130
Chloromethane	25.0	24.4		ug/L		98	47 - 140
2-Chlorotoluene	25.0	20.6		ug/L		83	70 - 130
4-Chlorotoluene	25.0	21.1		ug/L		84	70 - 130
cis-1,2-Dichloroethene	25.0	24.6		ug/L		98	70 - 133
cis-1,3-Dichloropropene	25.0	22.7		ug/L		91	70 - 133
Dibromochloromethane	25.0	27.6		ug/L		111	69 - 145
1,2-Dibromo-3-Chloropropane	25.0	21.3		ug/L		85	52 - 140
1,2-Dibromoethane (EDB)	25.0	28.1		ug/L		112	70 - 130
Dibromomethane	25.0	25.3		ug/L		101	70 - 130
1,2-Dichlorobenzene	25.0	26.1		ug/L		104	70 - 130
1,3-Dichlorobenzene	25.0	25.7		ug/L		103	70 - 130
1,4-Dichlorobenzene	25.0	25.9		ug/L		104	70 - 130
Dichlorodifluoromethane	25.0	20.4		ug/L		81	29 - 150
1,1-Dichloroethane	25.0	20.0		ug/L		80	64 - 130
1,2-Dichloroethane	25.0	23.4		ug/L		94	57 - 138
1,1-Dichloroethene	25.0	24.0		ug/L		96	70 - 130
1,2-Dichloropropane	25.0	20.6		ug/L		83	67 - 130
1,3-Dichloropropane	25.0	22.0		ug/L		88	70 - 130
2,2-Dichloropropane	25.0	19.3		ug/L		77	68 - 141
1,1-Dichloropropene	25.0	20.7		ug/L		83	70 - 130
Ethylbenzene	25.0	22.3		ug/L		89	70 - 130
Hexachlorobutadiene	25.0	24.3		ug/L		97	10 - 150
Isopropylbenzene	25.0	24.0		ug/L		96	70 - 136
Methylene Chloride	25.0	23.7		ug/L		95	52 - 130
m,p-Xylene	50.0	47.9		ug/L		96	70 - 130
Naphthalene	25.0	26.5		ug/L		106	60 - 140
n-Butylbenzene	25.0	20.3		ug/L		81	65 - 150
N-Propylbenzene	25.0	20.6		ug/L		82	67 - 139
o-Xylene	25.0	24.1		ug/L		97	70 - 130
p-Isopropyltoluene	25.0	22.5		ug/L		90	70 - 132
sec-Butylbenzene	25.0	21.9		ug/L		88	70 - 138
Styrene	25.0	23.0		ug/L		92	70 - 134
tert-Butylbenzene	25.0	22.9		ug/L		92	70 - 130
1,1,1,2-Tetrachloroethane	25.0	28.9		ug/L		116	60 - 141
1,1,2,2-Tetrachloroethane	25.0	25.4		ug/L		102	63 - 130
Tetrachloroethene	25.0	26.0		ug/L		104	70 - 130
Toluene	25.0	20.9		ug/L		84	70 - 130
trans-1,2-Dichloroethene	25.0	23.7		ug/L		95	70 - 130
trans-1,3-Dichloropropene	25.0	23.5		ug/L		94	70 - 132
1,2,3-Trichlorobenzene	25.0	26.6		ug/L		106	60 - 140
1,2,4-Trichlorobenzene	25.0	26.7		ug/L		107	60 - 140
1,1,1-Trichloroethane	25.0	22.7		ug/L		91	70 - 130
1,1,2-Trichloroethane	25.0	23.7		ug/L		95	70 - 130
Trichloroethene	25.0	24.8		ug/L		99	70 - 130
Trichlorofluoromethane	25.0	28.3		ug/L		113	60 - 150
1,2,3-Trichloropropane	25.0	22.1		ug/L		89	63 - 130

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51690-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 440-118225/8
Matrix: Water
Analysis Batch: 118225

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trimethylbenzene	25.0	23.7		ug/L		95	70 - 135
1,3,5-Trimethylbenzene	25.0	23.0		ug/L		92	70 - 136
Vinyl chloride	25.0	24.1		ug/L		96	59 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*91*		*80 - 120*
Dibromofluoromethane (Surr)	*102*		*80 - 120*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: 440-51804-A-7 MS
Matrix: Water
Analysis Batch: 118225

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND		25.0	18.0		ug/L		72	66 - 130
Bromobenzene	ND		25.0	25.3		ug/L		101	70 - 130
Bromochloromethane	ND		25.0	27.7		ug/L		111	70 - 130
Bromodichloromethane	ND		25.0	23.2		ug/L		93	70 - 138
Bromoform	ND		25.0	31.1		ug/L		124	59 - 150
Bromomethane	ND		25.0	25.5		ug/L		102	62 - 131
Carbon tetrachloride	ND		25.0	24.4		ug/L		97	60 - 150
Chlorobenzene	ND		25.0	24.3		ug/L		97	70 - 130
Chloroethane	ND		25.0	20.3		ug/L		81	68 - 130
Chloroform	ND		25.0	21.3		ug/L		85	70 - 130
Chloromethane	ND		25.0	23.6		ug/L		95	39 - 144
2-Chlorotoluene	ND		25.0	19.5		ug/L		78	70 - 130
4-Chlorotoluene	ND		25.0	20.2		ug/L		81	70 - 130
cis-1,2-Dichloroethene	64		25.0	83.1		ug/L		76	70 - 130
cis-1,3-Dichloropropene	ND		25.0	21.4		ug/L		85	70 - 133
Dibromochloromethane	ND		25.0	27.2		ug/L		109	70 - 148
1,2-Dibromo-3-Chloropropane	ND		25.0	18.3		ug/L		73	48 - 140
1,2-Dibromoethane (EDB)	ND		25.0	27.0		ug/L		108	70 - 131
Dibromomethane	ND		25.0	23.3		ug/L		93	70 - 130
1,2-Dichlorobenzene	ND		25.0	24.8		ug/L		99	70 - 130
1,3-Dichlorobenzene	ND		25.0	24.1		ug/L		96	70 - 130
1,4-Dichlorobenzene	ND		25.0	24.7		ug/L		99	70 - 130
Dichlorodifluoromethane	ND		25.0	19.0		ug/L		76	25 - 142
1,1-Dichloroethane	81		25.0	94.2	F	ug/L		52	65 - 130
1,2-Dichloroethane	4.3		25.0	26.9		ug/L		90	56 - 146
1,1-Dichloroethene	46		25.0	64.2		ug/L		74	70 - 130
1,2-Dichloropropane	ND		25.0	20.1		ug/L		80	69 - 130
1,3-Dichloropropane	ND		25.0	22.2		ug/L		89	70 - 130
2,2-Dichloropropane	ND		25.0	18.9		ug/L		76	69 - 138
1,1-Dichloropropene	ND		25.0	19.8		ug/L		79	64 - 130
Ethylbenzene	ND		25.0	22.2		ug/L		88	70 - 130
Hexachlorobutadiene	ND		25.0	22.9		ug/L		91	10 - 150
Isopropylbenzene	ND		25.0	22.8		ug/L		91	70 - 132
Methylene Chloride	ND		25.0	20.8		ug/L		83	52 - 130

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51690-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-51804-A-7 MS
Matrix: Water
Analysis Batch: 118225

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
m,p-Xylene	ND		50.0	48.5		ug/L		97	70 - 133
Naphthalene	ND		25.0	24.5		ug/L		98	60 - 140
n-Butylbenzene	ND		25.0	19.4		ug/L		78	61 - 149
N-Propylbenzene	ND		25.0	19.7		ug/L		79	66 - 135
o-Xylene	ND		25.0	24.7		ug/L		97	70 - 133
p-Isopropyltoluene	ND		25.0	21.4		ug/L		86	70 - 130
sec-Butylbenzene	ND		25.0	20.9		ug/L		84	67 - 134
Styrene	ND		25.0	22.8		ug/L		91	29 - 150
tert-Butylbenzene	ND		25.0	21.3		ug/L		85	70 - 130
1,1,1,2-Tetrachloroethane	ND		25.0	28.7		ug/L		115	60 - 149
1,1,2,2-Tetrachloroethane	ND		25.0	23.2		ug/L		93	63 - 130
Tetrachloroethene	ND		25.0	25.9		ug/L		102	70 - 137
Toluene	ND		25.0	20.3		ug/L		81	70 - 130
trans-1,2-Dichloroethene	ND		25.0	23.1		ug/L		90	70 - 130
trans-1,3-Dichloropropene	ND		25.0	23.0		ug/L		92	70 - 138
1,2,3-Trichlorobenzene	ND		25.0	24.8		ug/L		99	60 - 140
1,2,4-Trichlorobenzene	ND		25.0	25.5		ug/L		102	60 - 140
1,1,1-Trichloroethane	1.3		25.0	23.1		ug/L		87	70 - 130
1,1,2-Trichloroethane	ND		25.0	21.8		ug/L		87	70 - 130
Trichloroethene	10		25.0	32.4		ug/L		89	70 - 130
Trichlorofluoromethane	ND		25.0	27.6		ug/L		110	60 - 150
1,2,3-Trichloropropane	ND		25.0	20.0		ug/L		80	60 - 130
1,2,4-Trimethylbenzene	ND		25.0	22.8		ug/L		91	70 - 130
1,3,5-Trimethylbenzene	ND		25.0	21.6		ug/L		87	70 - 130
Vinyl chloride	9.1		25.0	32.2		ug/L		92	50 - 137

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*91*		*80 - 120*
Dibromofluoromethane (Surr)	*103*		*80 - 120*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: 440-51804-A-7 MSD
Matrix: Water
Analysis Batch: 118225

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	ND		25.0	18.7		ug/L		75	66 - 130	4	20
Bromobenzene	ND		25.0	26.3		ug/L		105	70 - 130	4	20
Bromochloromethane	ND		25.0	26.5		ug/L		106	70 - 130	4	25
Bromodichloromethane	ND		25.0	23.1		ug/L		93	70 - 138	0	20
Bromoform	ND		25.0	31.6		ug/L		126	59 - 150	2	25
Bromomethane	ND		25.0	25.1		ug/L		101	62 - 131	1	25
Carbon tetrachloride	ND		25.0	26.7		ug/L		107	60 - 150	9	25
Chlorobenzene	ND		25.0	24.9		ug/L		100	70 - 130	2	20
Chloroethane	ND		25.0	20.8		ug/L		83	68 - 130	3	25
Chloroform	ND		25.0	21.7		ug/L		87	70 - 130	2	20
Chloromethane	ND		25.0	24.0		ug/L		96	39 - 144	1	25
2-Chlorotoluene	ND		25.0	20.8		ug/L		83	70 - 130	6	20

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51690-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-51804-A-7 MSD
Matrix: Water
Analysis Batch: 118225

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4-Chlorotoluene	ND		25.0	21.2		ug/L		85	70 - 130	5	20
cis-1,2-Dichloroethene	64		25.0	78.0	F	ug/L		56	70 - 130	6	20
cis-1,3-Dichloropropene	ND		25.0	22.2		ug/L		89	70 - 133	4	20
Dibromochloromethane	ND		25.0	27.5		ug/L		110	70 - 148	1	25
1,2-Dibromo-3-Chloropropane	ND		25.0	19.4		ug/L		78	48 - 140	6	30
1,2-Dibromoethane (EDB)	ND		25.0	27.8		ug/L		111	70 - 131	3	25
Dibromomethane	ND		25.0	24.2		ug/L		97	70 - 130	4	25
1,2-Dichlorobenzene	ND		25.0	25.0		ug/L		100	70 - 130	1	20
1,3-Dichlorobenzene	ND		25.0	24.8		ug/L		99	70 - 130	3	20
1,4-Dichlorobenzene	ND		25.0	25.1		ug/L		100	70 - 130	2	20
Dichlorodifluoromethane	ND		25.0	20.3		ug/L		81	25 - 142	7	30
1,1-Dichloroethane	81		25.0	88.2	F	ug/L		28	65 - 130	7	20
1,2-Dichloroethane	4.3		25.0	26.6		ug/L		89	56 - 146	1	20
1,1-Dichloroethene	46		25.0	62.0	F	ug/L		65	70 - 130	3	20
1,2-Dichloropropane	ND		25.0	21.0		ug/L		84	69 - 130	5	20
1,3-Dichloropropane	ND		25.0	22.4		ug/L		90	70 - 130	1	25
2,2-Dichloropropane	ND		25.0	19.1		ug/L		77	69 - 138	1	25
1,1-Dichloropropene	ND		25.0	21.1		ug/L		84	64 - 130	7	20
Ethylbenzene	ND		25.0	23.4		ug/L		92	70 - 130	5	20
Hexachlorobutadiene	ND		25.0	23.9		ug/L		96	10 - 150	4	20
Isopropylbenzene	ND		25.0	24.2		ug/L		97	70 - 132	6	20
Methylene Chloride	ND		25.0	20.9		ug/L		84	52 - 130	0	20
m,p-Xylene	ND		50.0	50.1		ug/L		100	70 - 133	3	25
Naphthalene	ND		25.0	24.7		ug/L		99	60 - 140	1	30
n-Butylbenzene	ND		25.0	20.4		ug/L		82	61 - 149	5	20
N-Propylbenzene	ND		25.0	20.9		ug/L		83	66 - 135	6	20
o-Xylene	ND		25.0	24.6		ug/L		97	70 - 133	0	20
p-Isopropyltoluene	ND		25.0	22.3		ug/L		89	70 - 130	4	20
sec-Butylbenzene	ND		25.0	22.0		ug/L		88	67 - 134	5	20
Styrene	ND		25.0	22.9		ug/L		92	29 - 150	1	30
tert-Butylbenzene	ND		25.0	22.9		ug/L		92	70 - 130	7	20
1,1,1,2-Tetrachloroethane	ND		25.0	29.5		ug/L		118	60 - 149	3	20
1,1,2,2-Tetrachloroethane	ND		25.0	23.7		ug/L		95	63 - 130	2	30
Tetrachloroethene	ND		25.0	27.4		ug/L		108	70 - 137	6	20
Toluene	ND		25.0	21.1		ug/L		84	70 - 130	4	20
trans-1,2-Dichloroethene	ND		25.0	24.1		ug/L		94	70 - 130	4	20
trans-1,3-Dichloropropene	ND		25.0	23.8		ug/L		95	70 - 138	3	25
1,2,3-Trichlorobenzene	ND		25.0	25.1		ug/L		100	60 - 140	1	20
1,2,4-Trichlorobenzene	ND		25.0	26.5		ug/L		106	60 - 140	4	20
1,1,1-Trichloroethane	1.3		25.0	23.8		ug/L		90	70 - 130	3	20
1,1,2-Trichloroethane	ND		25.0	23.1		ug/L		92	70 - 130	6	25
Trichloroethene	10		25.0	33.2		ug/L		92	70 - 130	2	20
Trichlorofluoromethane	ND		25.0	28.6		ug/L		114	60 - 150	4	25
1,2,3-Trichloropropane	ND		25.0	20.4		ug/L		82	60 - 130	2	30
1,2,4-Trimethylbenzene	ND		25.0	23.5		ug/L		94	70 - 130	3	25
1,3,5-Trimethylbenzene	ND		25.0	23.0		ug/L		92	70 - 130	6	20
Vinyl chloride	9.1		25.0	31.7		ug/L		90	50 - 137	2	30

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51690-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-51804-A-7 MSD
Matrix: Water
Analysis Batch: 118225

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*87*		*80 - 120*
Dibromofluoromethane (Surr)	*100*		*80 - 120*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: MB 440-118232/3
Matrix: Solid
Analysis Batch: 118232

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/Kg			07/17/13 19:39	1
Bromobenzene	ND		5.0		ug/Kg			07/17/13 19:39	1
Bromochloromethane	ND		5.0		ug/Kg			07/17/13 19:39	1
Bromodichloromethane	ND		2.0		ug/Kg			07/17/13 19:39	1
Bromoform	ND		5.0		ug/Kg			07/17/13 19:39	1
Bromomethane	ND		5.0		ug/Kg			07/17/13 19:39	1
Carbon tetrachloride	ND		5.0		ug/Kg			07/17/13 19:39	1
Chlorobenzene	ND		2.0		ug/Kg			07/17/13 19:39	1
Chloroethane	ND		5.0		ug/Kg			07/17/13 19:39	1
Chloroform	ND		2.0		ug/Kg			07/17/13 19:39	1
Chloromethane	ND		5.0		ug/Kg			07/17/13 19:39	1
2-Chlorotoluene	ND		5.0		ug/Kg			07/17/13 19:39	1
4-Chlorotoluene	ND		5.0		ug/Kg			07/17/13 19:39	1
cis-1,2-Dichloroethene	ND		2.0		ug/Kg			07/17/13 19:39	1
cis-1,3-Dichloropropene	ND		2.0		ug/Kg			07/17/13 19:39	1
Dibromochloromethane	ND		2.0		ug/Kg			07/17/13 19:39	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/Kg			07/17/13 19:39	1
1,2-Dibromoethane (EDB)	ND		2.0		ug/Kg			07/17/13 19:39	1
Dibromomethane	ND		2.0		ug/Kg			07/17/13 19:39	1
1,2-Dichlorobenzene	ND		2.0		ug/Kg			07/17/13 19:39	1
1,3-Dichlorobenzene	ND		2.0		ug/Kg			07/17/13 19:39	1
1,4-Dichlorobenzene	ND		2.0		ug/Kg			07/17/13 19:39	1
Dichlorodifluoromethane	ND		5.0		ug/Kg			07/17/13 19:39	1
1,1-Dichloroethane	ND		2.0		ug/Kg			07/17/13 19:39	1
1,2-Dichloroethane	ND		2.0		ug/Kg			07/17/13 19:39	1
1,1-Dichloroethene	ND		5.0		ug/Kg			07/17/13 19:39	1
1,2-Dichloropropane	ND		2.0		ug/Kg			07/17/13 19:39	1
1,3-Dichloropropane	ND		2.0		ug/Kg			07/17/13 19:39	1
2,2-Dichloropropane	ND		2.0		ug/Kg			07/17/13 19:39	1
1,1-Dichloropropene	ND		2.0		ug/Kg			07/17/13 19:39	1
Ethylbenzene	ND		2.0		ug/Kg			07/17/13 19:39	1
Hexachlorobutadiene	ND		5.0		ug/Kg			07/17/13 19:39	1
Isopropylbenzene	ND		2.0		ug/Kg			07/17/13 19:39	1
Methylene Chloride	ND		20		ug/Kg			07/17/13 19:39	1
m,p-Xylene	ND		2.0		ug/Kg			07/17/13 19:39	1
Naphthalene	ND		5.0		ug/Kg			07/17/13 19:39	1
n-Butylbenzene	ND		5.0		ug/Kg			07/17/13 19:39	1
N-Propylbenzene	ND		2.0		ug/Kg			07/17/13 19:39	1
o-Xylene	ND		2.0		ug/Kg			07/17/13 19:39	1

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51690-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 440-118232/3
Matrix: Solid
Analysis Batch: 118232

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	ND		2.0		ug/Kg			07/17/13 19:39	1
sec-Butylbenzene	ND		5.0		ug/Kg			07/17/13 19:39	1
Styrene	ND		2.0		ug/Kg			07/17/13 19:39	1
tert-Butylbenzene	ND		5.0		ug/Kg			07/17/13 19:39	1
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg			07/17/13 19:39	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg			07/17/13 19:39	1
Tetrachloroethene	ND		2.0		ug/Kg			07/17/13 19:39	1
Toluene	ND		2.0		ug/Kg			07/17/13 19:39	1
trans-1,2-Dichloroethene	ND		2.0		ug/Kg			07/17/13 19:39	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg			07/17/13 19:39	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg			07/17/13 19:39	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg			07/17/13 19:39	1
1,1,1-Trichloroethane	ND		2.0		ug/Kg			07/17/13 19:39	1
1,1,2-Trichloroethane	ND		2.0		ug/Kg			07/17/13 19:39	1
Trichloroethene	ND		2.0		ug/Kg			07/17/13 19:39	1
Trichlorofluoromethane	ND		5.0		ug/Kg			07/17/13 19:39	1
1,2,3-Trichloropropane	ND		10		ug/Kg			07/17/13 19:39	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg			07/17/13 19:39	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg			07/17/13 19:39	1
Vinyl chloride	ND		5.0		ug/Kg			07/17/13 19:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*		*07/17/13 19:39*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 125*		*07/17/13 19:39*	*1*
Toluene-d8 (Surr)	*107*		*80 - 120*		*07/17/13 19:39*	*1*

Lab Sample ID: LCS 440-118232/4
Matrix: Solid
Analysis Batch: 118232

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	50.0	43.4		ug/Kg		87	65 - 120
Bromobenzene	50.0	52.9		ug/Kg		106	75 - 120
Bromochloromethane	50.0	51.4		ug/Kg		103	70 - 135
Bromodichloromethane	50.0	49.6		ug/Kg		99	70 - 135
Bromoform	50.0	47.3		ug/Kg		95	55 - 135
Bromomethane	50.0	49.8		ug/Kg		100	60 - 145
Carbon tetrachloride	50.0	52.8		ug/Kg		106	65 - 140
Chlorobenzene	50.0	48.2		ug/Kg		96	75 - 120
Chloroethane	50.0	45.8		ug/Kg		92	60 - 140
Chloroform	50.0	48.9		ug/Kg		98	70 - 130
Chloromethane	50.0	46.2		ug/Kg		92	45 - 145
2-Chlorotoluene	50.0	45.9		ug/Kg		92	70 - 125
4-Chlorotoluene	50.0	45.0		ug/Kg		90	75 - 125
cis-1,2-Dichloroethene	50.0	51.2		ug/Kg		102	70 - 125
cis-1,3-Dichloropropene	50.0	48.6		ug/Kg		97	75 - 125
Dibromochloromethane	50.0	61.4		ug/Kg		123	65 - 140
1,2-Dibromo-3-Chloropropane	50.0	45.3		ug/Kg		91	50 - 135

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51690-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 440-118232/4
Matrix: Solid
Analysis Batch: 118232

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromoethane (EDB)	50.0	52.7		ug/Kg		105	70 - 130
Dibromomethane	50.0	48.4		ug/Kg		97	70 - 130
1,2-Dichlorobenzene	50.0	50.0		ug/Kg		100	75 - 120
1,3-Dichlorobenzene	50.0	50.9		ug/Kg		102	75 - 125
1,4-Dichlorobenzene	50.0	50.0		ug/Kg		100	75 - 120
Dichlorodifluoromethane	50.0	46.5		ug/Kg		93	35 - 160
1,1-Dichloroethane	50.0	43.1		ug/Kg		86	70 - 130
1,2-Dichloroethane	50.0	47.3		ug/Kg		95	60 - 140
1,1-Dichloroethene	50.0	47.7		ug/Kg		95	70 - 125
1,2-Dichloropropane	50.0	44.2		ug/Kg		88	70 - 130
1,3-Dichloropropane	50.0	44.9		ug/Kg		90	70 - 125
2,2-Dichloropropane	50.0	42.7		ug/Kg		85	60 - 145
1,1-Dichloropropene	50.0	47.9		ug/Kg		96	70 - 130
Ethylbenzene	50.0	44.6		ug/Kg		89	70 - 125
Hexachlorobutadiene	50.0	47.0		ug/Kg		94	60 - 135
Isopropylbenzene	50.0	49.8		ug/Kg		100	75 - 130
Methylene Chloride	50.0	45.7		ug/Kg		91	55 - 135
m,p-Xylene	100	92.0		ug/Kg		92	70 - 125
Naphthalene	50.0	46.9		ug/Kg		94	55 - 135
n-Butylbenzene	50.0	41.8		ug/Kg		84	70 - 130
N-Propylbenzene	50.0	44.6		ug/Kg		89	70 - 130
o-Xylene	50.0	47.2		ug/Kg		94	70 - 125
p-Isopropyltoluene	50.0	47.6		ug/Kg		95	75 - 125
sec-Butylbenzene	50.0	45.3		ug/Kg		91	70 - 125
Styrene	50.0	44.6		ug/Kg		89	75 - 130
tert-Butylbenzene	50.0	51.7		ug/Kg		103	70 - 125
1,1,1,2-Tetrachloroethane	50.0	53.7		ug/Kg		107	70 - 130
1,1,2,2-Tetrachloroethane	50.0	49.8		ug/Kg		100	55 - 140
Tetrachloroethene	50.0	51.2		ug/Kg		102	70 - 125
Toluene	50.0	44.0		ug/Kg		88	70 - 125
trans-1,2-Dichloroethene	50.0	48.3		ug/Kg		97	70 - 125
trans-1,3-Dichloropropene	50.0	49.2		ug/Kg		98	70 - 135
1,2,3-Trichlorobenzene	50.0	49.8		ug/Kg		100	60 - 130
1,2,4-Trichlorobenzene	50.0	49.7		ug/Kg		99	70 - 135
1,1,1-Trichloroethane	50.0	46.2		ug/Kg		92	65 - 135
1,1,2-Trichloroethane	50.0	46.8		ug/Kg		94	65 - 135
Trichloroethene	50.0	54.5		ug/Kg		109	70 - 125
Trichlorofluoromethane	50.0	62.6		ug/Kg		125	60 - 145
1,2,3-Trichloropropane	50.0	44.2		ug/Kg		88	60 - 135
1,2,4-Trimethylbenzene	50.0	46.7		ug/Kg		93	70 - 125
1,3,5-Trimethylbenzene	50.0	47.0		ug/Kg		94	70 - 125
Vinyl chloride	50.0	45.8		ug/Kg		92	55 - 135

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*
Dibromofluoromethane (Surr)	*102*		*80 - 125*
Toluene-d8 (Surr)	*106*		*80 - 120*

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51690-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 440-118232/7
Matrix: Solid
Analysis Batch: 118232

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	50.0	43.7		ug/Kg		87	65 - 120	1	20
Bromobenzene	50.0	54.2		ug/Kg		108	75 - 120	2	20
Bromochloromethane	50.0	54.3		ug/Kg		109	70 - 135	6	20
Bromodichloromethane	50.0	52.5		ug/Kg		105	70 - 135	6	20
Bromoform	50.0	48.6		ug/Kg		97	55 - 135	3	25
Bromomethane	50.0	55.3		ug/Kg		111	60 - 145	10	20
Carbon tetrachloride	50.0	54.8		ug/Kg		110	65 - 140	4	20
Chlorobenzene	50.0	51.6		ug/Kg		103	75 - 120	7	20
Chloroethane	50.0	47.6		ug/Kg		95	60 - 140	4	25
Chloroform	50.0	51.2		ug/Kg		102	70 - 130	5	20
Chloromethane	50.0	50.4		ug/Kg		101	45 - 145	9	25
2-Chlorotoluene	50.0	47.9		ug/Kg		96	70 - 125	4	20
4-Chlorotoluene	50.0	47.1		ug/Kg		94	75 - 125	5	20
cis-1,2-Dichloroethene	50.0	50.7		ug/Kg		101	70 - 125	1	20
cis-1,3-Dichloropropene	50.0	49.7		ug/Kg		99	75 - 125	2	20
Dibromochloromethane	50.0	64.1		ug/Kg		128	65 - 140	4	20
1,2-Dibromo-3-Chloropropane	50.0	42.5		ug/Kg		85	50 - 135	6	30
1,2-Dibromoethane (EDB)	50.0	53.9		ug/Kg		108	70 - 130	2	20
Dibromomethane	50.0	49.3		ug/Kg		99	70 - 130	2	20
1,2-Dichlorobenzene	50.0	49.8		ug/Kg		100	75 - 120	0	20
1,3-Dichlorobenzene	50.0	51.6		ug/Kg		103	75 - 125	1	20
1,4-Dichlorobenzene	50.0	49.7		ug/Kg		99	75 - 120	1	20
Dichlorodifluoromethane	50.0	50.5		ug/Kg		101	35 - 160	8	30
1,1-Dichloroethane	50.0	45.7		ug/Kg		91	70 - 130	6	20
1,2-Dichloroethane	50.0	47.8		ug/Kg		96	60 - 140	1	20
1,1-Dichloroethene	50.0	50.7		ug/Kg		101	70 - 125	6	20
1,2-Dichloropropane	50.0	43.9		ug/Kg		88	70 - 130	1	20
1,3-Dichloropropane	50.0	48.7		ug/Kg		97	70 - 125	8	20
2,2-Dichloropropane	50.0	46.4		ug/Kg		93	60 - 145	8	20
1,1-Dichloropropene	50.0	49.2		ug/Kg		98	70 - 130	3	20
Ethylbenzene	50.0	47.0		ug/Kg		94	70 - 125	5	20
Hexachlorobutadiene	50.0	46.1		ug/Kg		92	60 - 135	2	20
Isopropylbenzene	50.0	52.0		ug/Kg		104	75 - 130	4	20
Methylene Chloride	50.0	47.9		ug/Kg		96	55 - 135	5	20
m,p-Xylene	100	95.5		ug/Kg		95	70 - 125	4	20
Naphthalene	50.0	45.6		ug/Kg		91	55 - 135	3	25
n-Butylbenzene	50.0	43.0		ug/Kg		86	70 - 130	3	20
N-Propylbenzene	50.0	46.3		ug/Kg		93	70 - 130	4	20
o-Xylene	50.0	50.7		ug/Kg		101	70 - 125	7	20
p-Isopropyltoluene	50.0	49.1		ug/Kg		98	75 - 125	3	20
sec-Butylbenzene	50.0	46.2		ug/Kg		92	70 - 125	2	20
Styrene	50.0	46.3		ug/Kg		93	75 - 130	4	20
tert-Butylbenzene	50.0	53.3		ug/Kg		107	70 - 125	3	20
1,1,1,2-Tetrachloroethane	50.0	57.9		ug/Kg		116	70 - 130	7	20
1,1,2,2-Tetrachloroethane	50.0	50.6		ug/Kg		101	55 - 140	2	30
Tetrachloroethene	50.0	53.6		ug/Kg		107	70 - 125	5	20
Toluene	50.0	45.8		ug/Kg		92	70 - 125	4	20
trans-1,2-Dichloroethene	50.0	49.5		ug/Kg		99	70 - 125	2	20

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51690-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 440-118232/7
Matrix: Solid
Analysis Batch: 118232

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
trans-1,3-Dichloropropene			50.0	50.1		ug/Kg		100	70 - 135	2	20
1,2,3-Trichlorobenzene			50.0	49.4		ug/Kg		99	60 - 130	1	20
1,2,4-Trichlorobenzene			50.0	49.7		ug/Kg		99	70 - 135	0	20
1,1,1-Trichloroethane			50.0	48.7		ug/Kg		97	65 - 135	5	20
1,1,2-Trichloroethane			50.0	47.5		ug/Kg		95	65 - 135	2	20
Trichloroethene			50.0	55.0		ug/Kg		110	70 - 125	1	20
Trichlorofluoromethane			50.0	66.2		ug/Kg		132	60 - 145	5	25
1,2,3-Trichloropropane			50.0	45.2		ug/Kg		90	60 - 135	2	25
1,2,4-Trimethylbenzene			50.0	48.7		ug/Kg		97	70 - 125	4	20
1,3,5-Trimethylbenzene			50.0	48.5		ug/Kg		97	70 - 125	3	20
Vinyl chloride			50.0	49.8		ug/Kg		100	55 - 135	8	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*
Dibromofluoromethane (Surr)	*106*		*80 - 125*
Toluene-d8 (Surr)	*107*		*80 - 120*

Lab Sample ID: MB 440-118536/3
Matrix: Water
Analysis Batch: 118536

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			07/18/13 18:06	1
Bromobenzene	ND		1.0		ug/L			07/18/13 18:06	1
Bromochloromethane	ND		1.0		ug/L			07/18/13 18:06	1
Bromodichloromethane	ND		1.0		ug/L			07/18/13 18:06	1
Bromoform	ND		1.0		ug/L			07/18/13 18:06	1
Bromomethane	ND		1.0		ug/L			07/18/13 18:06	1
Carbon tetrachloride	ND		0.50		ug/L			07/18/13 18:06	1
Chlorobenzene	ND		1.0		ug/L			07/18/13 18:06	1
Chloroethane	ND		1.0		ug/L			07/18/13 18:06	1
Chloroform	ND		1.0		ug/L			07/18/13 18:06	1
Chloromethane	ND		1.0		ug/L			07/18/13 18:06	1
2-Chlorotoluene	ND		1.0		ug/L			07/18/13 18:06	1
4-Chlorotoluene	ND		1.0		ug/L			07/18/13 18:06	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			07/18/13 18:06	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			07/18/13 18:06	1
Dibromochloromethane	ND		1.0		ug/L			07/18/13 18:06	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/L			07/18/13 18:06	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			07/18/13 18:06	1
Dibromomethane	ND		1.0		ug/L			07/18/13 18:06	1
1,2-Dichlorobenzene	ND		1.0		ug/L			07/18/13 18:06	1
1,3-Dichlorobenzene	ND		1.0		ug/L			07/18/13 18:06	1
1,4-Dichlorobenzene	ND		1.0		ug/L			07/18/13 18:06	1
Dichlorodifluoromethane	ND		5.0		ug/L			07/18/13 18:06	1
1,1-Dichloroethane	ND		1.0		ug/L			07/18/13 18:06	1
1,2-Dichloroethane	ND		0.50		ug/L			07/18/13 18:06	1
1,1-Dichloroethene	ND		1.0		ug/L			07/18/13 18:06	1

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51690-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 440-118536/3
Matrix: Water
Analysis Batch: 118536

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		1.0		ug/L			07/18/13 18:06	1
1,3-Dichloropropane	ND		1.0		ug/L			07/18/13 18:06	1
2,2-Dichloropropane	ND		1.0		ug/L			07/18/13 18:06	1
1,1-Dichloropropene	ND		1.0		ug/L			07/18/13 18:06	1
Ethylbenzene	ND		1.0		ug/L			07/18/13 18:06	1
Hexachlorobutadiene	ND		1.0		ug/L			07/18/13 18:06	1
Isopropylbenzene	ND		1.0		ug/L			07/18/13 18:06	1
Methylene Chloride	ND		5.0		ug/L			07/18/13 18:06	1
m,p-Xylene	ND		1.0		ug/L			07/18/13 18:06	1
Naphthalene	ND		1.0		ug/L			07/18/13 18:06	1
n-Butylbenzene	ND		1.0		ug/L			07/18/13 18:06	1
N-Propylbenzene	ND		1.0		ug/L			07/18/13 18:06	1
o-Xylene	ND		1.0		ug/L			07/18/13 18:06	1
p-Isopropyltoluene	ND		1.0		ug/L			07/18/13 18:06	1
sec-Butylbenzene	ND		1.0		ug/L			07/18/13 18:06	1
Styrene	ND		1.0		ug/L			07/18/13 18:06	1
tert-Butylbenzene	ND		1.0		ug/L			07/18/13 18:06	1
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			07/18/13 18:06	1
1,1,2,2-Tetrachloroethane	ND		1.0		ug/L			07/18/13 18:06	1
Tetrachloroethene	ND		1.0		ug/L			07/18/13 18:06	1
Toluene	ND		1.0		ug/L			07/18/13 18:06	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			07/18/13 18:06	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			07/18/13 18:06	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			07/18/13 18:06	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			07/18/13 18:06	1
1,1,1-Trichloroethane	ND		1.0		ug/L			07/18/13 18:06	1
1,1,2-Trichloroethane	ND		1.0		ug/L			07/18/13 18:06	1
Trichloroethene	ND		1.0		ug/L			07/18/13 18:06	1
Trichlorofluoromethane	ND		1.0		ug/L			07/18/13 18:06	1
1,2,3-Trichloropropane	ND		1.0		ug/L			07/18/13 18:06	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			07/18/13 18:06	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			07/18/13 18:06	1
Vinyl chloride	ND		0.50		ug/L			07/18/13 18:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*80 - 120*		*07/18/13 18:06*	*1*
Dibromofluoromethane (Surr)	*104*		*80 - 120*		*07/18/13 18:06*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*		*07/18/13 18:06*	*1*

Lab Sample ID: LCS 440-118536/4
Matrix: Water
Analysis Batch: 118536

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			25.0	22.5		ug/L		90	68 - 130		
Bromobenzene			25.0	27.4		ug/L		110	70 - 130		
Bromochloromethane			25.0	26.9		ug/L		108	70 - 130		
Bromodichloromethane			25.0	25.9		ug/L		104	70 - 132		

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51690-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 440-118536/4
Matrix: Water
Analysis Batch: 118536

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromoform	25.0	23.4		ug/L		94	60 - 148
Bromomethane	25.0	26.4		ug/L		106	64 - 139
Carbon tetrachloride	25.0	27.6		ug/L		110	60 - 150
Chlorobenzene	25.0	26.6		ug/L		107	70 - 130
Chloroethane	25.0	24.4		ug/L		97	64 - 135
Chloroform	25.0	25.2		ug/L		101	70 - 130
Chloromethane	25.0	24.7		ug/L		99	47 - 140
2-Chlorotoluene	25.0	23.9		ug/L		96	70 - 130
4-Chlorotoluene	25.0	23.6		ug/L		94	70 - 130
cis-1,2-Dichloroethene	25.0	26.1		ug/L		104	70 - 133
cis-1,3-Dichloropropene	25.0	24.7		ug/L		99	70 - 133
Dibromochloromethane	25.0	31.1		ug/L		124	69 - 145
1,2-Dibromo-3-Chloropropane	25.0	21.1		ug/L		85	52 - 140
1,2-Dibromoethane (EDB)	25.0	27.3		ug/L		109	70 - 130
Dibromomethane	25.0	24.5		ug/L		98	70 - 130
1,2-Dichlorobenzene	25.0	25.5		ug/L		102	70 - 130
1,3-Dichlorobenzene	25.0	26.5		ug/L		106	70 - 130
1,4-Dichlorobenzene	25.0	26.0		ug/L		104	70 - 130
Dichlorodifluoromethane	25.0	27.2		ug/L		109	29 - 150
1,1-Dichloroethane	25.0	23.1		ug/L		92	64 - 130
1,2-Dichloroethane	25.0	23.5		ug/L		94	57 - 138
1,1-Dichloroethene	25.0	26.4		ug/L		106	70 - 130
1,2-Dichloropropane	25.0	22.4		ug/L		90	67 - 130
1,3-Dichloropropane	25.0	24.6		ug/L		98	70 - 130
2,2-Dichloropropane	25.0	22.8		ug/L		91	68 - 141
1,1-Dichloropropene	25.0	25.6		ug/L		102	70 - 130
Ethylbenzene	25.0	25.1		ug/L		100	70 - 130
Hexachlorobutadiene	25.0	24.4		ug/L		98	10 - 150
Isopropylbenzene	25.0	26.2		ug/L		105	70 - 136
Methylene Chloride	25.0	24.1		ug/L		96	52 - 130
m,p-Xylene	50.0	51.1		ug/L		102	70 - 130
Naphthalene	25.0	22.6		ug/L		90	60 - 140
n-Butylbenzene	25.0	22.6		ug/L		90	65 - 150
N-Propylbenzene	25.0	23.6		ug/L		94	67 - 139
o-Xylene	25.0	27.0		ug/L		108	70 - 130
p-Isopropyltoluene	25.0	25.6		ug/L		102	70 - 132
sec-Butylbenzene	25.0	23.8		ug/L		95	70 - 138
Styrene	25.0	24.9		ug/L		100	70 - 134
tert-Butylbenzene	25.0	27.0		ug/L		108	70 - 130
1,1,1,2-Tetrachloroethane	25.0	28.6		ug/L		114	60 - 141
1,1,2,2-Tetrachloroethane	25.0	24.1		ug/L		96	63 - 130
Tetrachloroethene	25.0	29.4		ug/L		117	70 - 130
Toluene	25.0	23.3		ug/L		93	70 - 130
trans-1,2-Dichloroethene	25.0	25.4		ug/L		102	70 - 130
trans-1,3-Dichloropropene	25.0	23.8		ug/L		95	70 - 132
1,2,3-Trichlorobenzene	25.0	24.8		ug/L		99	60 - 140
1,2,4-Trichlorobenzene	25.0	25.8		ug/L		103	60 - 140
1,1,1-Trichloroethane	25.0	24.2		ug/L		97	70 - 130

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51690-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 440-118536/4
Matrix: Water
Analysis Batch: 118536

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloroethane	25.0	24.1		ug/L		97	70 - 130
Trichloroethene	25.0	27.9		ug/L		112	70 - 130
Trichlorofluoromethane	25.0	34.4		ug/L		138	60 - 150
1,2,3-Trichloropropane	25.0	21.7		ug/L		87	63 - 130
1,2,4-Trimethylbenzene	25.0	24.7		ug/L		99	70 - 135
1,3,5-Trimethylbenzene	25.0	24.5		ug/L		98	70 - 136
Vinyl chloride	25.0	25.7		ug/L		103	59 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*
Dibromofluoromethane (Surr)	*102*		*80 - 120*
Toluene-d8 (Surr)	*106*		*80 - 120*

Lab Sample ID: 440-51888-D-5 MS
Matrix: Water
Analysis Batch: 118536

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND		25.0	22.7		ug/L		91	66 - 130
Bromobenzene	ND		25.0	27.3		ug/L		109	70 - 130
Bromochloromethane	ND		25.0	28.3		ug/L		113	70 - 130
Bromodichloromethane	ND		25.0	26.0		ug/L		104	70 - 138
Bromoform	ND		25.0	23.2		ug/L		93	59 - 150
Bromomethane	ND		25.0	26.9		ug/L		108	62 - 131
Carbon tetrachloride	ND		25.0	26.8		ug/L		107	60 - 150
Chlorobenzene	ND		25.0	24.5		ug/L		98	70 - 130
Chloroethane	ND		25.0	23.8		ug/L		95	68 - 130
Chloroform	ND		25.0	26.0		ug/L		104	70 - 130
Chloromethane	ND		25.0	24.4		ug/L		98	39 - 144
2-Chlorotoluene	ND		25.0	22.9		ug/L		92	70 - 130
4-Chlorotoluene	ND		25.0	23.2		ug/L		93	70 - 130
cis-1,2-Dichloroethene	ND		25.0	27.8		ug/L		111	70 - 130
cis-1,3-Dichloropropene	ND		25.0	25.3		ug/L		101	70 - 133
Dibromochloromethane	ND		25.0	30.4		ug/L		122	70 - 148
1,2-Dibromo-3-Chloropropane	ND		25.0	22.2		ug/L		89	48 - 140
1,2-Dibromoethane (EDB)	ND		25.0	26.6		ug/L		106	70 - 131
Dibromomethane	ND		25.0	25.6		ug/L		102	70 - 130
1,2-Dichlorobenzene	ND		25.0	26.0		ug/L		104	70 - 130
1,3-Dichlorobenzene	ND		25.0	26.1		ug/L		104	70 - 130
1,4-Dichlorobenzene	ND		25.0	25.1		ug/L		100	70 - 130
Dichlorodifluoromethane	ND		25.0	25.2		ug/L		101	25 - 142
1,1-Dichloroethane	ND		25.0	23.5		ug/L		94	65 - 130
1,2-Dichloroethane	ND		25.0	24.9		ug/L		100	56 - 146
1,1-Dichloroethene	ND		25.0	25.6		ug/L		102	70 - 130
1,2-Dichloropropane	ND		25.0	22.8		ug/L		91	69 - 130
1,3-Dichloropropane	ND		25.0	24.2		ug/L		97	70 - 130
2,2-Dichloropropane	ND		25.0	23.5		ug/L		94	69 - 138
1,1-Dichloropropene	ND		25.0	24.6		ug/L		99	64 - 130

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51690-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-51888-D-5 MS
Matrix: Water
Analysis Batch: 118536

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	ND		25.0	22.5		ug/L		90	70 - 130
Hexachlorobutadiene	ND		25.0	23.4		ug/L		94	10 - 150
Isopropylbenzene	ND		25.0	24.7		ug/L		99	70 - 132
Methylene Chloride	ND		25.0	24.2		ug/L		97	52 - 130
m,p-Xylene	ND		50.0	46.3		ug/L		93	70 - 133
Naphthalene	ND		25.0	24.1		ug/L		96	60 - 140
n-Butylbenzene	ND		25.0	21.4		ug/L		85	61 - 149
N-Propylbenzene	ND		25.0	22.5		ug/L		90	66 - 135
o-Xylene	ND		25.0	23.9		ug/L		96	70 - 133
p-Isopropyltoluene	ND		25.0	23.9		ug/L		96	70 - 130
sec-Butylbenzene	ND		25.0	22.3		ug/L		89	67 - 134
Styrene	ND		25.0	22.4		ug/L		90	29 - 150
tert-Butylbenzene	ND		25.0	25.7		ug/L		103	70 - 130
1,1,1,2-Tetrachloroethane	ND		25.0	27.5		ug/L		110	60 - 149
1,1,2,2-Tetrachloroethane	ND		25.0	25.5		ug/L		102	63 - 130
Tetrachloroethene	ND		25.0	25.9		ug/L		103	70 - 137
Toluene	ND		25.0	23.7		ug/L		95	70 - 130
trans-1,2-Dichloroethene	ND		25.0	26.1		ug/L		104	70 - 130
trans-1,3-Dichloropropene	ND		25.0	25.2		ug/L		101	70 - 138
1,2,3-Trichlorobenzene	ND		25.0	25.8		ug/L		103	60 - 140
1,2,4-Trichlorobenzene	ND		25.0	26.2		ug/L		105	60 - 140
1,1,1-Trichloroethane	ND		25.0	23.8		ug/L		95	70 - 130
1,1,2-Trichloroethane	ND		25.0	25.5		ug/L		102	70 - 130
Trichloroethene	ND		25.0	28.1		ug/L		112	70 - 130
Trichlorofluoromethane	ND		25.0	32.9		ug/L		132	60 - 150
1,2,3-Trichloropropane	ND		25.0	23.7		ug/L		95	60 - 130
1,2,4-Trimethylbenzene	ND		25.0	23.6		ug/L		95	70 - 130
1,3,5-Trimethylbenzene	ND		25.0	23.6		ug/L		94	70 - 130
Vinyl chloride	ND		25.0	24.6		ug/L		98	50 - 137

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*
Dibromofluoromethane (Surr)	*112*		*80 - 120*
Toluene-d8 (Surr)	*108*		*80 - 120*

Lab Sample ID: 440-51888-D-5 MSD
Matrix: Water
Analysis Batch: 118536

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	ND		25.0	22.5		ug/L		90	66 - 130	1	20
Bromobenzene	ND		25.0	27.4		ug/L		110	70 - 130	0	20
Bromochloromethane	ND		25.0	29.9		ug/L		120	70 - 130	6	25
Bromodichloromethane	ND		25.0	26.9		ug/L		108	70 - 138	3	20
Bromoform	ND		25.0	24.4		ug/L		98	59 - 150	5	25
Bromomethane	ND		25.0	27.3		ug/L		109	62 - 131	1	25
Carbon tetrachloride	ND		25.0	26.7		ug/L		107	60 - 150	0	25
Chlorobenzene	ND		25.0	26.5		ug/L		106	70 - 130	8	20

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51690-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-51888-D-5 MSD
Matrix: Water
Analysis Batch: 118536

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloroethane	ND		25.0	24.3		ug/L		97	68 - 130	2	25
Chloroform	ND		25.0	26.9		ug/L		108	70 - 130	3	20
Chloromethane	ND		25.0	24.9		ug/L		100	39 - 144	2	25
2-Chlorotoluene	ND		25.0	23.4		ug/L		94	70 - 130	2	20
4-Chlorotoluene	ND		25.0	23.2		ug/L		93	70 - 130	0	20
cis-1,2-Dichloroethene	ND		25.0	28.2		ug/L		113	70 - 130	2	20
cis-1,3-Dichloropropene	ND		25.0	25.4		ug/L		102	70 - 133	0	20
Dibromochloromethane	ND		25.0	32.5		ug/L		130	70 - 148	7	25
1,2-Dibromo-3-Chloropropane	ND		25.0	21.7		ug/L		87	48 - 140	2	30
1,2-Dibromoethane (EDB)	ND		25.0	28.4		ug/L		114	70 - 131	6	25
Dibromomethane	ND		25.0	25.6		ug/L		102	70 - 130	0	25
1,2-Dichlorobenzene	ND		25.0	26.6		ug/L		106	70 - 130	2	20
1,3-Dichlorobenzene	ND		25.0	26.2		ug/L		105	70 - 130	0	20
1,4-Dichlorobenzene	ND		25.0	25.7		ug/L		103	70 - 130	2	20
Dichlorodifluoromethane	ND		25.0	25.3		ug/L		101	25 - 142	0	30
1,1-Dichloroethane	ND		25.0	23.9		ug/L		95	65 - 130	2	20
1,2-Dichloroethane	ND		25.0	25.1		ug/L		100	56 - 146	1	20
1,1-Dichloroethene	ND		25.0	26.0		ug/L		104	70 - 130	2	20
1,2-Dichloropropane	ND		25.0	22.5		ug/L		90	69 - 130	1	20
1,3-Dichloropropane	ND		25.0	25.4		ug/L		101	70 - 130	5	25
2,2-Dichloropropane	ND		25.0	23.1		ug/L		93	69 - 138	2	25
1,1-Dichloropropene	ND		25.0	24.4		ug/L		98	64 - 130	1	20
Ethylbenzene	ND		25.0	24.2		ug/L		97	70 - 130	7	20
Hexachlorobutadiene	ND		25.0	23.0		ug/L		92	10 - 150	2	20
Isopropylbenzene	ND		25.0	24.4		ug/L		98	70 - 132	1	20
Methylene Chloride	ND		25.0	24.8		ug/L		99	52 - 130	2	20
m,p-Xylene	ND		50.0	48.7		ug/L		97	70 - 133	5	25
Naphthalene	ND		25.0	24.2		ug/L		97	60 - 140	0	30
n-Butylbenzene	ND		25.0	21.1		ug/L		84	61 - 149	1	20
N-Propylbenzene	ND		25.0	22.2		ug/L		89	66 - 135	1	20
o-Xylene	ND		25.0	26.6		ug/L		106	70 - 133	11	20
p-Isopropyltoluene	ND		25.0	24.2		ug/L		97	70 - 130	1	20
sec-Butylbenzene	ND		25.0	22.2		ug/L		89	67 - 134	1	20
Styrene	ND		25.0	23.5		ug/L		94	29 - 150	5	30
tert-Butylbenzene	ND		25.0	25.5		ug/L		102	70 - 130	1	20
1,1,1,2-Tetrachloroethane	ND		25.0	29.0		ug/L		116	60 - 149	5	20
1,1,2,2-Tetrachloroethane	ND		25.0	25.5		ug/L		102	63 - 130	0	30
Tetrachloroethene	ND		25.0	27.2		ug/L		109	70 - 137	5	20
Toluene	ND		25.0	23.2		ug/L		93	70 - 130	2	20
trans-1,2-Dichloroethene	ND		25.0	26.5		ug/L		106	70 - 130	2	20
trans-1,3-Dichloropropene	ND		25.0	25.3		ug/L		101	70 - 138	0	25
1,2,3-Trichlorobenzene	ND		25.0	25.8		ug/L		103	60 - 140	0	20
1,2,4-Trichlorobenzene	ND		25.0	26.2		ug/L		105	60 - 140	0	20
1,1,1-Trichloroethane	ND		25.0	24.5		ug/L		98	70 - 130	3	20
1,1,2-Trichloroethane	ND		25.0	24.6		ug/L		98	70 - 130	4	25
Trichloroethene	ND		25.0	28.2		ug/L		113	70 - 130	1	20
Trichlorofluoromethane	ND		25.0	33.1		ug/L		133	60 - 150	1	25
1,2,3-Trichloropropane	ND		25.0	23.3		ug/L		93	60 - 130	2	30

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51690-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-51888-D-5 MSD
Matrix: Water
Analysis Batch: 118536

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trimethylbenzene	ND		25.0	23.8		ug/L		95	70 - 130	1	25
1,3,5-Trimethylbenzene	ND		25.0	23.6		ug/L		94	70 - 130	0	20
Vinyl chloride	ND		25.0	25.8		ug/L		103	50 - 137	5	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*
Dibromofluoromethane (Surr)	*113*		*80 - 120*
Toluene-d8 (Surr)	*107*		*80 - 120*

Lab Sample ID: MB 440-118635/5
Matrix: Water
Analysis Batch: 118635

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			07/19/13 10:08	1
Bromobenzene	ND		1.0		ug/L			07/19/13 10:08	1
Bromochloromethane	ND		1.0		ug/L			07/19/13 10:08	1
Bromodichloromethane	ND		1.0		ug/L			07/19/13 10:08	1
Bromoform	ND		1.0		ug/L			07/19/13 10:08	1
Bromomethane	ND		1.0		ug/L			07/19/13 10:08	1
Carbon tetrachloride	ND		0.50		ug/L			07/19/13 10:08	1
Chlorobenzene	ND		1.0		ug/L			07/19/13 10:08	1
Chloroethane	ND		1.0		ug/L			07/19/13 10:08	1
Chloroform	ND		1.0		ug/L			07/19/13 10:08	1
Chloromethane	ND		1.0		ug/L			07/19/13 10:08	1
2-Chlorotoluene	ND		1.0		ug/L			07/19/13 10:08	1
4-Chlorotoluene	ND		1.0		ug/L			07/19/13 10:08	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			07/19/13 10:08	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			07/19/13 10:08	1
Dibromochloromethane	ND		1.0		ug/L			07/19/13 10:08	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/L			07/19/13 10:08	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			07/19/13 10:08	1
Dibromomethane	ND		1.0		ug/L			07/19/13 10:08	1
1,2-Dichlorobenzene	ND		1.0		ug/L			07/19/13 10:08	1
1,3-Dichlorobenzene	ND		1.0		ug/L			07/19/13 10:08	1
1,4-Dichlorobenzene	ND		1.0		ug/L			07/19/13 10:08	1
Dichlorodifluoromethane	ND		5.0		ug/L			07/19/13 10:08	1
1,1-Dichloroethane	ND		1.0		ug/L			07/19/13 10:08	1
1,2-Dichloroethane	ND		0.50		ug/L			07/19/13 10:08	1
1,1-Dichloroethene	ND		1.0		ug/L			07/19/13 10:08	1
1,2-Dichloropropane	ND		1.0		ug/L			07/19/13 10:08	1
1,3-Dichloropropane	ND		1.0		ug/L			07/19/13 10:08	1
2,2-Dichloropropane	ND		1.0		ug/L			07/19/13 10:08	1
1,1-Dichloropropene	ND		1.0		ug/L			07/19/13 10:08	1
Ethylbenzene	ND		1.0		ug/L			07/19/13 10:08	1
Hexachlorobutadiene	ND		1.0		ug/L			07/19/13 10:08	1
Isopropylbenzene	ND		1.0		ug/L			07/19/13 10:08	1
Methylene Chloride	ND		5.0		ug/L			07/19/13 10:08	1

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51690-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 440-118635/5
Matrix: Water
Analysis Batch: 118635

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
m,p-Xylene	ND		1.0		ug/L			07/19/13 10:08	1
Naphthalene	ND		1.0		ug/L			07/19/13 10:08	1
n-Butylbenzene	ND		1.0		ug/L			07/19/13 10:08	1
N-Propylbenzene	ND		1.0		ug/L			07/19/13 10:08	1
o-Xylene	ND		1.0		ug/L			07/19/13 10:08	1
p-Isopropyltoluene	ND		1.0		ug/L			07/19/13 10:08	1
sec-Butylbenzene	ND		1.0		ug/L			07/19/13 10:08	1
Styrene	ND		1.0		ug/L			07/19/13 10:08	1
tert-Butylbenzene	ND		1.0		ug/L			07/19/13 10:08	1
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			07/19/13 10:08	1
1,1,2,2-Tetrachloroethane	ND		1.0		ug/L			07/19/13 10:08	1
Tetrachloroethene	ND		1.0		ug/L			07/19/13 10:08	1
Toluene	ND		1.0		ug/L			07/19/13 10:08	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			07/19/13 10:08	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			07/19/13 10:08	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			07/19/13 10:08	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			07/19/13 10:08	1
1,1,1-Trichloroethane	ND		1.0		ug/L			07/19/13 10:08	1
1,1,2-Trichloroethane	ND		1.0		ug/L			07/19/13 10:08	1
Trichloroethene	ND		1.0		ug/L			07/19/13 10:08	1
Trichlorofluoromethane	ND		1.0		ug/L			07/19/13 10:08	1
1,2,3-Trichloropropane	ND		1.0		ug/L			07/19/13 10:08	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			07/19/13 10:08	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			07/19/13 10:08	1
Vinyl chloride	ND		0.50		ug/L			07/19/13 10:08	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*		*07/19/13 10:08*	*1*
Dibromofluoromethane (Surr)	*97*		*80 - 120*		*07/19/13 10:08*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*		*07/19/13 10:08*	*1*

Lab Sample ID: LCS 440-118635/6
Matrix: Water
Analysis Batch: 118635

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	25.0	24.1		ug/L		96	68 - 130
Bromobenzene	25.0	26.1		ug/L		105	70 - 130
Bromochloromethane	25.0	21.9		ug/L		88	70 - 130
Bromodichloromethane	25.0	25.9		ug/L		104	70 - 132
Bromoform	25.0	34.5		ug/L		138	60 - 148
Bromomethane	25.0	23.7		ug/L		95	64 - 139
Carbon tetrachloride	25.0	30.4		ug/L		121	60 - 150
Chlorobenzene	25.0	24.7		ug/L		99	70 - 130
Chloroethane	25.0	23.6		ug/L		94	64 - 135
Chloroform	25.0	22.9		ug/L		92	70 - 130
Chloromethane	25.0	24.3		ug/L		97	47 - 140
2-Chlorotoluene	25.0	23.2		ug/L		93	70 - 130

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51690-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 440-118635/6
Matrix: Water
Analysis Batch: 118635

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Chlorotoluene	25.0	23.6		ug/L		95	70 - 130
cis-1,2-Dichloroethene	25.0	23.1		ug/L		92	70 - 133
cis-1,3-Dichloropropene	25.0	25.6		ug/L		102	70 - 133
Dibromochloromethane	25.0	27.5		ug/L		110	69 - 145
1,2-Dibromo-3-Chloropropane	25.0	32.3		ug/L		129	52 - 140
1,2-Dibromoethane (EDB)	25.0	27.4		ug/L		110	70 - 130
Dibromomethane	25.0	26.7		ug/L		107	70 - 130
1,2-Dichlorobenzene	25.0	24.6		ug/L		99	70 - 130
1,3-Dichlorobenzene	25.0	25.5		ug/L		102	70 - 130
1,4-Dichlorobenzene	25.0	24.7		ug/L		99	70 - 130
Dichlorodifluoromethane	25.0	28.1		ug/L		113	29 - 150
1,1-Dichloroethane	25.0	21.2		ug/L		85	64 - 130
1,2-Dichloroethane	25.0	26.7		ug/L		107	57 - 138
1,1-Dichloroethene	25.0	26.2		ug/L		105	70 - 130
1,2-Dichloropropane	25.0	24.5		ug/L		98	67 - 130
1,3-Dichloropropane	25.0	24.9		ug/L		100	70 - 130
2,2-Dichloropropane	25.0	24.4		ug/L		98	68 - 141
1,1-Dichloropropene	25.0	27.5		ug/L		110	70 - 130
Ethylbenzene	25.0	26.8		ug/L		107	70 - 130
Hexachlorobutadiene	25.0	35.5		ug/L		142	10 - 150
Isopropylbenzene	25.0	26.2		ug/L		105	70 - 136
Methylene Chloride	25.0	20.8		ug/L		83	52 - 130
m,p-Xylene	50.0	53.7		ug/L		107	70 - 130
Naphthalene	25.0	27.9		ug/L		112	60 - 140
n-Butylbenzene	25.0	24.9		ug/L		100	65 - 150
N-Propylbenzene	25.0	25.3		ug/L		101	67 - 139
o-Xylene	25.0	26.0		ug/L		104	70 - 130
p-Isopropyltoluene	25.0	24.7		ug/L		99	70 - 132
sec-Butylbenzene	25.0	25.4		ug/L		102	70 - 138
Styrene	25.0	26.0		ug/L		104	70 - 134
tert-Butylbenzene	25.0	25.6		ug/L		102	70 - 130
1,1,1,2-Tetrachloroethane	25.0	27.6		ug/L		110	60 - 141
1,1,2,2-Tetrachloroethane	25.0	25.9		ug/L		103	63 - 130
Tetrachloroethene	25.0	30.3		ug/L		121	70 - 130
Toluene	25.0	25.1		ug/L		100	70 - 130
trans-1,2-Dichloroethene	25.0	22.7		ug/L		91	70 - 130
trans-1,3-Dichloropropene	25.0	27.1		ug/L		109	70 - 132
1,2,3-Trichlorobenzene	25.0	30.5		ug/L		122	60 - 140
1,2,4-Trichlorobenzene	25.0	29.3		ug/L		117	60 - 140
1,1,1-Trichloroethane	25.0	23.8		ug/L		95	70 - 130
1,1,2-Trichloroethane	25.0	24.5		ug/L		98	70 - 130
Trichloroethene	25.0	26.9		ug/L		108	70 - 130
Trichlorofluoromethane	25.0	35.6		ug/L		142	60 - 150
1,2,3-Trichloropropane	25.0	27.4		ug/L		110	63 - 130
1,2,4-Trimethylbenzene	25.0	24.9		ug/L		100	70 - 135
1,3,5-Trimethylbenzene	25.0	25.2		ug/L		101	70 - 136
Vinyl chloride	25.0	22.3		ug/L		89	59 - 133

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51690-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 440-118635/6
Matrix: Water
Analysis Batch: 118635

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*
Dibromofluoromethane (Surr)	*89*		*80 - 120*
Toluene-d8 (Surr)	*105*		*80 - 120*

Lab Sample ID: 320-3306-C-6 MS
Matrix: Water
Analysis Batch: 118635

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND		25.0	25.0		ug/L		100	66 - 130
Bromobenzene	ND		25.0	27.8		ug/L		111	70 - 130
Bromochloromethane	ND		25.0	26.4		ug/L		105	70 - 130
Bromodichloromethane	ND		25.0	28.4		ug/L		114	70 - 138
Bromoform	ND		25.0	37.1		ug/L		149	59 - 150
Bromomethane	ND		25.0	24.1		ug/L		96	62 - 131
Carbon tetrachloride	ND		25.0	29.6		ug/L		119	60 - 150
Chlorobenzene	ND		25.0	25.3		ug/L		101	70 - 130
Chloroethane	ND		25.0	23.5		ug/L		94	68 - 130
Chloroform	ND		25.0	25.3		ug/L		101	70 - 130
Chloromethane	ND		25.0	25.3		ug/L		101	39 - 144
2-Chlorotoluene	ND		25.0	23.8		ug/L		95	70 - 130
4-Chlorotoluene	ND		25.0	24.5		ug/L		98	70 - 130
cis-1,2-Dichloroethene	ND		25.0	24.8		ug/L		99	70 - 130
cis-1,3-Dichloropropene	ND		25.0	28.8		ug/L		115	70 - 133
Dibromochloromethane	ND		25.0	30.6		ug/L		122	70 - 148
1,2-Dibromo-3-Chloropropane	ND		25.0	31.2		ug/L		125	48 - 140
1,2-Dibromoethane (EDB)	ND		25.0	30.1		ug/L		120	70 - 131
Dibromomethane	ND		25.0	30.2		ug/L		121	70 - 130
1,2-Dichlorobenzene	ND		25.0	26.4		ug/L		106	70 - 130
1,3-Dichlorobenzene	ND		25.0	26.0		ug/L		104	70 - 130
1,4-Dichlorobenzene	ND		25.0	26.2		ug/L		105	70 - 130
Dichlorodifluoromethane	ND		25.0	26.6		ug/L		106	25 - 142
1,1-Dichloroethane	ND		25.0	22.6		ug/L		90	65 - 130
1,2-Dichloroethane	ND		25.0	30.4		ug/L		122	56 - 146
1,1-Dichloroethene	ND		25.0	25.5		ug/L		102	70 - 130
1,2-Dichloropropane	ND		25.0	25.6		ug/L		102	69 - 130
1,3-Dichloropropane	ND		25.0	27.6		ug/L		110	70 - 130
2,2-Dichloropropane	ND		25.0	24.4		ug/L		97	69 - 138
1,1-Dichloropropene	ND		25.0	26.4		ug/L		105	64 - 130
Ethylbenzene	ND		25.0	26.5		ug/L		106	70 - 130
Hexachlorobutadiene	ND		25.0	33.1		ug/L		133	10 - 150
Isopropylbenzene	ND		25.0	25.7		ug/L		103	70 - 132
Methylene Chloride	ND		25.0	25.4		ug/L		101	52 - 130
m,p-Xylene	ND		50.0	53.3		ug/L		107	70 - 133
Naphthalene	ND		25.0	28.6		ug/L		114	60 - 140
n-Butylbenzene	ND		25.0	23.6		ug/L		95	61 - 149
N-Propylbenzene	ND		25.0	24.4		ug/L		97	66 - 135
o-Xylene	ND		25.0	26.9		ug/L		107	70 - 133

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51690-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 320-3306-C-6 MS
Matrix: Water
Analysis Batch: 118635

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
p-Isopropyltoluene	ND		25.0	23.9		ug/L		96	70 - 130
sec-Butylbenzene	ND		25.0	24.2		ug/L		97	67 - 134
Styrene	ND		25.0	27.1		ug/L		109	29 - 150
tert-Butylbenzene	ND		25.0	24.4		ug/L		97	70 - 130
1,1,1,2-Tetrachloroethane	ND		25.0	29.6		ug/L		118	60 - 149
1,1,2,2-Tetrachloroethane	ND		25.0	28.1		ug/L		112	63 - 130
Tetrachloroethene	ND		25.0	28.5		ug/L		114	70 - 137
Toluene	ND		25.0	27.0		ug/L		105	70 - 130
trans-1,2-Dichloroethene	ND		25.0	23.9		ug/L		96	70 - 130
trans-1,3-Dichloropropene	ND		25.0	30.7		ug/L		123	70 - 138
1,2,3-Trichlorobenzene	ND		25.0	31.7		ug/L		127	60 - 140
1,2,4-Trichlorobenzene	ND		25.0	30.5		ug/L		122	60 - 140
1,1,1-Trichloroethane	ND		25.0	24.6		ug/L		98	70 - 130
1,1,2-Trichloroethane	ND		25.0	27.5		ug/L		110	70 - 130
Trichloroethene	1.3		25.0	27.6		ug/L		105	70 - 130
Trichlorofluoromethane	ND		25.0	34.3		ug/L		137	60 - 150
1,2,3-Trichloropropane	ND		25.0	27.4		ug/L		110	60 - 130
1,2,4-Trimethylbenzene	ND		25.0	25.2		ug/L		101	70 - 130
1,3,5-Trimethylbenzene	ND		25.0	24.6		ug/L		98	70 - 130
Vinyl chloride	ND		25.0	21.9		ug/L		87	50 - 137

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*80 - 120*
Dibromofluoromethane (Surr)	*100*		*80 - 120*
Toluene-d8 (Surr)	*104*		*80 - 120*

Lab Sample ID: 320-3306-C-6 MSD
Matrix: Water
Analysis Batch: 118635

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	ND		25.0	23.1		ug/L		92	66 - 130	8	20
Bromobenzene	ND		25.0	25.8		ug/L		103	70 - 130	7	20
Bromochloromethane	ND		25.0	24.9		ug/L		100	70 - 130	6	25
Bromodichloromethane	ND		25.0	26.0		ug/L		104	70 - 138	9	20
Bromoform	ND		25.0	33.6		ug/L		134	59 - 150	10	25
Bromomethane	ND		25.0	22.8		ug/L		91	62 - 131	5	25
Carbon tetrachloride	ND		25.0	26.7		ug/L		107	60 - 150	10	25
Chlorobenzene	ND		25.0	24.2		ug/L		97	70 - 130	4	20
Chloroethane	ND		25.0	22.0		ug/L		88	68 - 130	7	25
Chloroform	ND		25.0	24.3		ug/L		97	70 - 130	4	20
Chloromethane	ND		25.0	23.7		ug/L		95	39 - 144	6	25
2-Chlorotoluene	ND		25.0	22.5		ug/L		90	70 - 130	6	20
4-Chlorotoluene	ND		25.0	23.0		ug/L		92	70 - 130	6	20
cis-1,2-Dichloroethene	ND		25.0	23.3		ug/L		93	70 - 130	6	20
cis-1,3-Dichloropropene	ND		25.0	27.0		ug/L		108	70 - 133	6	20
Dibromochloromethane	ND		25.0	28.5		ug/L		114	70 - 148	7	25
1,2-Dibromo-3-Chloropropane	ND		25.0	25.9		ug/L		103	48 - 140	19	30

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51690-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 320-3306-C-6 MSD
Matrix: Water
Analysis Batch: 118635

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dibromoethane (EDB)	ND		25.0	27.1		ug/L		108	70 - 131	11	25
Dibromomethane	ND		25.0	27.9		ug/L		111	70 - 130	8	25
1,2-Dichlorobenzene	ND		25.0	25.2		ug/L		101	70 - 130	5	20
1,3-Dichlorobenzene	ND		25.0	24.9		ug/L		100	70 - 130	4	20
1,4-Dichlorobenzene	ND		25.0	24.5		ug/L		98	70 - 130	7	20
Dichlorodifluoromethane	ND		25.0	24.6		ug/L		98	25 - 142	8	30
1,1-Dichloroethane	ND		25.0	21.6		ug/L		86	65 - 130	5	20
1,2-Dichloroethane	ND		25.0	27.9		ug/L		112	56 - 146	9	20
1,1-Dichloroethene	ND		25.0	23.6		ug/L		94	70 - 130	8	20
1,2-Dichloropropane	ND		25.0	23.6		ug/L		94	69 - 130	8	20
1,3-Dichloropropane	ND		25.0	25.7		ug/L		103	70 - 130	7	25
2,2-Dichloropropane	ND		25.0	22.8		ug/L		91	69 - 138	7	25
1,1-Dichloropropene	ND		25.0	23.4		ug/L		93	64 - 130	12	20
Ethylbenzene	ND		25.0	25.2		ug/L		101	70 - 130	5	20
Hexachlorobutadiene	ND		25.0	31.0		ug/L		124	10 - 150	7	20
Isopropylbenzene	ND		25.0	24.0		ug/L		96	70 - 132	7	20
Methylene Chloride	ND		25.0	24.1		ug/L		96	52 - 130	5	20
m,p-Xylene	ND		50.0	50.1		ug/L		100	70 - 133	6	25
Naphthalene	ND		25.0	26.2		ug/L		105	60 - 140	9	30
n-Butylbenzene	ND		25.0	22.3		ug/L		89	61 - 149	6	20
N-Propylbenzene	ND		25.0	22.7		ug/L		91	66 - 135	7	20
o-Xylene	ND		25.0	25.5		ug/L		102	70 - 133	5	20
p-Isopropyltoluene	ND		25.0	22.2		ug/L		89	70 - 130	7	20
sec-Butylbenzene	ND		25.0	22.3		ug/L		89	67 - 134	8	20
Styrene	ND		25.0	25.9		ug/L		104	29 - 150	4	30
tert-Butylbenzene	ND		25.0	22.9		ug/L		92	70 - 130	6	20
1,1,1,2-Tetrachloroethane	ND		25.0	27.9		ug/L		111	60 - 149	6	20
1,1,2,2-Tetrachloroethane	ND		25.0	24.8		ug/L		99	63 - 130	12	30
Tetrachloroethene	ND		25.0	26.6		ug/L		106	70 - 137	7	20
Toluene	ND		25.0	24.9		ug/L		96	70 - 130	8	20
trans-1,2-Dichloroethene	ND		25.0	22.3		ug/L		89	70 - 130	7	20
trans-1,3-Dichloropropene	ND		25.0	28.2		ug/L		113	70 - 138	9	25
1,2,3-Trichlorobenzene	ND		25.0	30.4		ug/L		122	60 - 140	4	20
1,2,4-Trichlorobenzene	ND		25.0	29.4		ug/L		118	60 - 140	4	20
1,1,1-Trichloroethane	ND		25.0	22.8		ug/L		91	70 - 130	8	20
1,1,2-Trichloroethane	ND		25.0	25.4		ug/L		102	70 - 130	8	25
Trichloroethene	1.3		25.0	25.7		ug/L		98	70 - 130	7	20
Trichlorofluoromethane	ND		25.0	31.8		ug/L		127	60 - 150	8	25
1,2,3-Trichloropropane	ND		25.0	24.7		ug/L		99	60 - 130	10	30
1,2,4-Trimethylbenzene	ND		25.0	23.7		ug/L		95	70 - 130	6	25
1,3,5-Trimethylbenzene	ND		25.0	23.0		ug/L		92	70 - 130	7	20
Vinyl chloride	ND		25.0	20.8		ug/L		83	50 - 137	5	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*80 - 120*
Dibromofluoromethane (Surr)	*100*		*80 - 120*
Toluene-d8 (Surr)	*103*		*80 - 120*

QC Association Summary

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51690-1

GC/MS VOA

Prep Batch: 117865

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-51690-1	EB-1-5	Total/NA	Solid	5035	
440-51690-2	EB-1-10	Total/NA	Solid	5035	
440-51690-3	EB-1-20	Total/NA	Solid	5035	
440-51690-5	EB-1-30	Total/NA	Solid	5035	
440-51690-6	EB-1-40	Total/NA	Solid	5035	
440-51690-10	EB-2-5	Total/NA	Solid	5035	
440-51690-11	EB-2-10	Total/NA	Solid	5035	
440-51690-13	EB-2-20	Total/NA	Solid	5035	
440-51690-15	EB-2-30	Total/NA	Solid	5035	
440-51690-17	EB-2-40	Total/NA	Solid	5035	
440-51690-21	EB-3-5	Total/NA	Solid	5035	
440-51690-22	EB-3-10	Total/NA	Solid	5035	
440-51690-24	EB-3-20	Total/NA	Solid	5035	
440-51690-26	EB-3-30	Total/NA	Solid	5035	
440-51690-28	EB-3-40	Total/NA	Solid	5035	

Analysis Batch: 118064

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-51690-1	EB-1-5	Total/NA	Solid	8260B	117865
440-51690-3	EB-1-20	Total/NA	Solid	8260B	117865
440-51690-5	EB-1-30	Total/NA	Solid	8260B	117865
440-51690-6	EB-1-40	Total/NA	Solid	8260B	117865
440-51690-10	EB-2-5	Total/NA	Solid	8260B	117865
440-51690-11	EB-2-10	Total/NA	Solid	8260B	117865
440-51690-13	EB-2-20	Total/NA	Solid	8260B	117865
440-51690-15	EB-2-30	Total/NA	Solid	8260B	117865
440-51690-17	EB-2-40	Total/NA	Solid	8260B	117865
440-51690-21	EB-3-5	Total/NA	Solid	8260B	117865
440-51690-22	EB-3-10	Total/NA	Solid	8260B	117865
440-51690-24	EB-3-20	Total/NA	Solid	8260B	117865
440-51690-26	EB-3-30	Total/NA	Solid	8260B	117865
440-51690-28	EB-3-40	Total/NA	Solid	8260B	117865
LCS 440-118064/4	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 440-118064/5	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 440-118064/3	Method Blank	Total/NA	Solid	8260B	

Analysis Batch: 118225

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-51690-9	EB-1-HP-46.5	Total/NA	Water	8260B	
440-51690-31	EB-3-HP-43.6	Total/NA	Water	8260B	
440-51804-A-7 MS	Matrix Spike	Total/NA	Water	8260B	
440-51804-A-7 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	
LCS 440-118225/8	Lab Control Sample	Total/NA	Water	8260B	
MB 440-118225/7	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 118232

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-51690-2	EB-1-10	Total/NA	Solid	8260B	117865
LCS 440-118232/4	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 440-118232/7	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 440-118232/3	Method Blank	Total/NA	Solid	8260B	

QC Association Summary

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51690-1

GC/MS VOA (Continued)

Analysis Batch: 118536

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-51690-30	TB-071513	Total/NA	Water	8260B	
440-51888-D-5 MS	Matrix Spike	Total/NA	Water	8260B	
440-51888-D-5 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	
LCS 440-118536/4	Lab Control Sample	Total/NA	Water	8260B	
MB 440-118536/3	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 118635

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-3306-C-6 MS	Matrix Spike	Total/NA	Water	8260B	
320-3306-C-6 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	
440-51690-20	EB-2-HP-45.3	Total/NA	Water	8260B	
LCS 440-118635/6	Lab Control Sample	Total/NA	Water	8260B	
MB 440-118635/5	Method Blank	Total/NA	Water	8260B	

Definitions/Glossary

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51690-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F	MS or MSD exceeds the control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Certification Summary

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51690-1

Laboratory: TestAmerica Irvine

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alaska	State Program	10	CA01531	06-30-14
Arizona	State Program	9	AZ0671	10-13-13
California	LA Cty Sanitation Districts	9	10256	01-31-14
California	NELAP	9	1108CA	01-31-14
California	State Program	9	2706	06-30-14
Guam	State Program	9	Cert. No. 12.002r	01-28-14 *
Hawaii	State Program	9	N/A	01-31-14
Nevada	State Program	9	CA015312007A	07-31-13
New Mexico	State Program	6	N/A	01-31-14
Northern Mariana Islands	State Program	9	MP0002	01-31-14
Oregon	NELAP	10	4005	09-12-13
USDA	Federal		P330-09-00080	06-06-14
USEPA UCMR	Federal	1	CA01531	01-31-15

* Expired certification is currently pending renewal and is considered valid.

PA2014-110

CHAIN-of-CUSTODY

№ 08394

PAGE 1 of 3

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☐ 1702 E Highland Avenue, Suite 412, Phoenix, AZ 85016, (602) 734-7700, (602) 734-7701 (fax)

MSA#: _____ WO#: _____

PROJECT NAME / FACILITY ID: AEA-Costa Mesa

FIELD PERSON: Brian Bauer

PROJECT NUMBER: 05-31819A DATE: 7/15/13

PROJECT MANAGER: Jeff Raymon

PROJECT LOCATION: Costa, Mesa Ca.

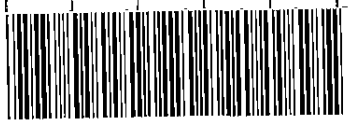
LABORATORY: Test America.

IS THIS A UST PROJECT OR IS EDF REQUIRED? Y (N) IF YES, GLOBAL ID #: _____

SAMPLER: Brian Bauer

SIGNATURE: Brian Bauer

SAMPLE I.D. NUMBER	YEAR 2013 SAMPLE DATE	SAMPLE TIME	SAMPLE DEPTH	AIR SAMPLE VOLUME (L)	MATRIX (A) AIR (S) SOIL (G) GAS (W) WATER	NUMBER OF CONTAINERS	FILTERED/UNFILTERED (F/U)	PRESERVATION (SEE KEY)	ANALYSIS REQUIRED VOCs 8260B	COMMENTS
EB-1-5	7/15	0831	5	—	S	4	—	—	X	hold samples:
EB-1-10		0840	10			4			X	EB-1-25, EB-1-45;
EB-1-20		0852	20			4			X	EB-1-50, EB-2-15
EB-1-25		0906	25			1			X	EB-2-25, EB-2-35,
EB-1-30		0925	30			4			X	EB-2-45, EB-2-50
EB-1-40		1030	40			4			X	EB-3-15, EB-3-25;
EB-1-45		1040	45			1			X	EB-3-35, EB-3-45
EB-1-50		1050	50		S	1	↓		X	
EB-1-HP-46.5		1100	46.5		W	3	U	HCL	X	
EB-2-5		1210	5		S	4	—	—	X	
EB-2-10		1218	10			4			X	
EB-2-15		1222	15			1			X	
EB-2-20	↓	1230	20	↓	↓	4	↓		X	
TOTAL	X	X	X							



440-51690 Chain of Custody

RELINQUISHED BY:	TIME/DATE:	RECEIVED BY: (COMPANY):	TIME/DATE:
	1830 7/15/13		
RELINQUISHED BY:	TIME/DATE:	RECEIVED BY: (COMPANY):	TIME/DATE:
RELINQUISHED BY:	TIME/DATE:	RECEIVED BY: (COMPANY):	TIME/DATE: 7/15/13 1830

TURNAROUND TIME (CIRCLE ONE): SAMEDAY, 24 HOURS, 48 HOURS, 72 HOURS, 5 DAYS, (NORMAL)

SAMPLE INTEGRITY — INTACT: (Y) N Temp 5.3/4.0

IF SEALED, SEAL INTEGRITY — INTACT: Y N

H = HCL; N = HNO3; S = H2SO4; U = UNKNOWN; NO = NONE; O = OTHER

Rev 7/27/2011

FILE: LOG FORMS\Chain_of_Custody

7/23/2013

K.S 7/15/13 9:15

Page 67 of 70

CHAIN-of-CUSTODY

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☐ 1702 E Highland Avenue, Suite 412, Phoenix, AZ 85016, (602) 734-7700, (602) 734-7701 (fax)

MSA#: _____ WO#: _____

PROJECT NAME / FACILITY ID: AEA - Costa Mesa

PROJECT NUMBER: 05-3181A DATE: 7/15/13

PROJECT LOCATION: Costa Mesa, Ca.

FIELD PERSON: Brian Bauer

PROJECT MANAGER: Jeff R.

LABORATORY: Test America

IS THIS A UST PROJECT OR IS EDF REQUIRED? Y (N) IF YES, GLOBAL ID #: _____

SAMPLER: Brian Bauer

SIGNATURE:

SAMPLE I.D. NUMBER	YEAR 2013 SAMPLE DATE	SAMPLE TIME	SAMPLE DEPTH	AIR SAMPLE VOLUME (L)	MATRIX (A) AIR (S) SOIL (G) GAS (W) WATER	NUMBER OF CONTAINERS	FILTERED/UNFILTERED (F/U)	PRESERVATION (SEE KEY)	ANALYSIS REQUIRED: LOCs 8260B	COMMENTS
EB-2-25	7/15	1235	25	—	S	1	—	—	X	
EB-2-30		1242	30			4			X	
EB-2-35		1253	35			1			X	
EB-2-40		1305	40			4			X	
EB-2-45		1330	45			1			X	
EB-2-50		1340	50		↓	1	↓	↓	X	
EB-2-HP-45.3		1350	45.3		W	3	U	HCL	X	
EB-3-5		1520	5		S	3	—	—	X	
EB-3-10		1525	10			4			X	
EB-3-15		1532	15			1			X	
EB-3-20		1545	20			4			X	
EB-3-25		1552	25			1			X	
EB-3-30	↓	1600	30	↓	↓	4	↓	↓	X	
TOTAL	X	X	X							

RELINQUISHED BY:	TIME/DATE:	RECEIVED BY:	TIME/DATE:
	1830 7/15/13	(COMPANY):	
RELINQUISHED BY:	TIME/DATE:	RECEIVED BY:	TIME/DATE:
		(COMPANY):	
RELINQUISHED BY:	TIME/DATE:	RECEIVED BY:	TIME/DATE:
		(COMPANY):	7/15/13 18:30

TURNAROUND TIME (CIRCLE ONE): SAMEDAY, 24 HOURS, 48 HOURS, 72 HOURS, 5 DAYS, NORMAL

SAMPLE INTEGRITY — INTACT: (Y) N Temp 5.3/4.8

IF SEALED, SEAL INTEGRITY — INTACT: Y N

H = HCL; N = HNO3; S = H SO ; U = UNKNOWN; NO = NONE; O = OTHER

Rev 7/27/2011

FILE: LOG FORMS\Chain_of_Custody

7/23/2013

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№ 08392

MSA#: _____ WO#: _____

PROJECT NAME / FACILITY ID: AEA - Costa Mesa

FIELD PERSON: Brian Bauer

PROJECT NUMBER: 05-3181.9A DATE: 7/15/13

PROJECT MANAGER: Jeff R.

PROJECT LOCATION: Costa Mesa, Ca.

LABORATORY: Test America

IS THIS A UST PROJECT OR IS EDF REQUIRED? Y (N) IF YES, GLOBAL ID #: _____

SAMPLER: Brian Bauer

SIGNATURE:

	SAMPLE I.D. NUMBER	YEAR 2013 SAMPLE DATE	SAMPLE TIME	SAMPLE DEPTH	AIR SAMPLE VOLUME (L)	MATRIX (A) AIR (S) SOIL (G) GAS (W) WATER	NUMBER OF CONTAINERS	FILTERED/UNFILTERED (F/U)	PRESERVATION (SEE KEY)	ANALYSIS REQUIRED: LOCs 8260B	COMMENTS
8	EB-3-35	7/15	1605	35	—	S	1	—	—	X	
9	EB-3-40	↓	1612	40	↓	↓	4	↓	↓	X	
10	EB-3-45		1640	45	↓	↓	1	↓	↓	X	
11	TB-071513		0800	—	—	W	2	U	HCL	X	
12	EB-3-HP-43:6	↓	1705	—	—	W	3	U	HCL	X	
	TOTAL	X	X	X							

RELINQUISHED BY:	TIME/DATE:	RECEIVED BY:	TIME/DATE:
	1830 / 7/15/13	(COMPANY):	
RELINQUISHED BY:	TIME/DATE:	RECEIVED BY:	TIME/DATE:
		(COMPANY):	
RELINQUISHED BY:	TIME/DATE:	RECEIVED BY:	TIME/DATE:
		(COMPANY):	7/15/13 18:30

TURNAROUND TIME (CIRCLE ONE): SAMEDAY, 24 HOURS, 48 HOURS, 72 HOURS, 5 DAYS, NORMAL

SAMPLE INTEGRITY — INTACT: (Y) N Temp 3-3/4.8

IF SEALED, SEAL INTEGRITY — INTACT: Y N

H = HCL; N = HNO3; S = H2SO4; U = UNKNOWN; NO = NONE; O = OTHER

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7/23/2013

Login Sample Receipt Checklist

Client: ENVIRON International Corp.

Job Number: 440-51690-1

Login Number: 51690

List Source: TestAmerica Irvine

List Number: 1

Creator: King, Ronald

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	Brian Bauer
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING



ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Irvine
17461 Derian Ave
Suite 100
Irvine, CA 92614-5817
Tel: (949)261-1022

TestAmerica Job ID: 440-51810-1
Client Project/Site: AEA Costa Mesa, 05-31819A

For:
ENVIRON International Corp.
18100 Von Karman Avenue
Irvine, California 92612

Attn: Mr. Jeff Raumin

Authorized for release by:
7/26/2013 10:42:50 AM

Patty Mata, Project Manager I
patty.mata@testamericainc.com

LINKS

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Cover Page 1
Table of Contents 2
Sample Summary 3
Case Narrative 4
Client Sample Results 5
Method Summary 32
Chronicle 33
QC Sample Results 37
QC Association 78
Definitions 80
Certification Summary 81
Chain of Custody 82
Receipt Checklists 85

Sample Summary

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-51810-1	EB-7-5	Solid	07/16/13 07:30	07/16/13 18:05
440-51810-2	EB-7-10	Solid	07/16/13 07:35	07/16/13 18:05
440-51810-4	EB-7-20	Solid	07/16/13 07:55	07/16/13 18:05
440-51810-6	EB-7-30	Solid	07/16/13 08:25	07/16/13 18:05
440-51810-8	EB-7-40	Solid	07/16/13 09:00	07/16/13 18:05
440-51810-10	EB-7-HP-45.1	Water	07/16/13 09:40	07/16/13 18:05
440-51810-11	EB-5-5	Solid	07/16/13 10:36	07/16/13 18:05
440-51810-12	EB-5-10	Solid	07/16/13 10:42	07/16/13 18:05
440-51810-14	EB-5-20	Solid	07/16/13 10:55	07/16/13 18:05
440-51810-16	EB-5-30	Solid	07/16/13 11:07	07/16/13 18:05
440-51810-18	EB-5-40	Solid	07/16/13 11:35	07/16/13 18:05
440-51810-21	EB-5-HP-45.5	Water	07/16/13 12:25	07/16/13 18:05
440-51810-22	EB-9-5	Solid	07/16/13 13:57	07/16/13 18:05
440-51810-23	EB-9-10	Solid	07/16/13 14:08	07/16/13 18:05
440-51810-25	EB-9-20	Solid	07/16/13 14:20	07/16/13 18:05
440-51810-27	EB-9-30	Solid	07/16/13 14:35	07/16/13 18:05
440-51810-29	EB-9-40	Solid	07/16/13 15:15	07/16/13 18:05
440-51810-32	EB-9-HP-43.2	Water	07/16/13 16:05	07/16/13 18:05
440-51810-33	TB-071613	Water	07/16/13 08:00	07/16/13 18:05

Case Narrative

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Job ID: 440-51810-1

Laboratory: TestAmerica Irvine

Narrative

Job Narrative
440-51810-1

Comments
No additional comments.

Receipt
The samples were received on 7/16/2013 6:05 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.5º C.

GC/MS VOA
Method 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for selected analytes in batch 118225 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method 8260B: The continuing calibration verification (CCV) for Bromoform associated with batch 118225 recovered above the upper control limit. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8260B: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for batch 118352 recovered outside control limits for the following analytes: Bromoform, 1,2-Dibromoethane, and 1,1,1,2-Tetrachloroethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for Bromoform in batch 118352 were outside control limits. This analyte was biased high in the LCS, MS and/or MSD and was not detected in the associated samples; therefore, the data have been reported.

Method 8260B: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for batch 118359 recovered outside control limits for Trichlorofluoromethane. The analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Method 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for Trichlorofluoromethane and Trichloroethene in batch 118359 were outside control limits.

Method 8260B: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for batch 118544 recovered outside control limits for Bromobenzene. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Method 8260B: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for batch 118625 recovered outside control limits for the following analytes: Bromoform, Bromochloromethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260B: The continuing calibration verification (CCV) for Bromoform and 1,2-Dibromoethane associated with batch 118625 recovered above the upper control limit. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8260B: Surrogate recovery for the following sample was outside the upper control limit: EB-9-10 (440-51810-23). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8260B: The following volatile sample was analyzed with headspace in the sample vial(s) due to multiple injections: EB-9-HP-43.2 (440-51810-32).

No other analytical or quality issues were noted.

VOA Prep
No analytical or quality issues were noted.

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Client Sample ID: EB-7-5
Date Collected: 07/16/13 07:30
Date Received: 07/16/13 18:05

Lab Sample ID: 440-51810-1
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		810		ug/Kg		07/17/13 13:44	07/19/13 16:49	1000
Bromobenzene	ND		2000		ug/Kg		07/17/13 13:44	07/19/13 16:49	1000
Bromochloromethane	ND	*	2000		ug/Kg		07/17/13 13:44	07/19/13 16:49	1000
Bromodichloromethane	ND		810		ug/Kg		07/17/13 13:44	07/19/13 16:49	1000
Bromoform	ND	*	2000		ug/Kg		07/17/13 13:44	07/19/13 16:49	1000
Bromomethane	ND		2000		ug/Kg		07/17/13 13:44	07/19/13 16:49	1000
Carbon tetrachloride	ND		2000		ug/Kg		07/17/13 13:44	07/19/13 16:49	1000
Chlorobenzene	ND		810		ug/Kg		07/17/13 13:44	07/19/13 16:49	1000
Chloroethane	ND		2000		ug/Kg		07/17/13 13:44	07/19/13 16:49	1000
Chloroform	ND		810		ug/Kg		07/17/13 13:44	07/19/13 16:49	1000
Chloromethane	ND		2000		ug/Kg		07/17/13 13:44	07/19/13 16:49	1000
2-Chlorotoluene	ND		2000		ug/Kg		07/17/13 13:44	07/19/13 16:49	1000
4-Chlorotoluene	ND		2000		ug/Kg		07/17/13 13:44	07/19/13 16:49	1000
cis-1,2-Dichloroethene	ND		810		ug/Kg		07/17/13 13:44	07/19/13 16:49	1000
cis-1,3-Dichloropropene	ND		810		ug/Kg		07/17/13 13:44	07/19/13 16:49	1000
Dibromochloromethane	ND		810		ug/Kg		07/17/13 13:44	07/19/13 16:49	1000
1,2-Dibromo-3-Chloropropane	ND		2000		ug/Kg		07/17/13 13:44	07/19/13 16:49	1000
1,2-Dibromoethane (EDB)	ND		810		ug/Kg		07/17/13 13:44	07/19/13 16:49	1000
Dibromomethane	ND		810		ug/Kg		07/17/13 13:44	07/19/13 16:49	1000
1,2-Dichlorobenzene	ND		810		ug/Kg		07/17/13 13:44	07/19/13 16:49	1000
1,3-Dichlorobenzene	ND		810		ug/Kg		07/17/13 13:44	07/19/13 16:49	1000
1,4-Dichlorobenzene	ND		810		ug/Kg		07/17/13 13:44	07/19/13 16:49	1000
Dichlorodifluoromethane	ND		2000		ug/Kg		07/17/13 13:44	07/19/13 16:49	1000
1,1-Dichloroethane	ND		810		ug/Kg		07/17/13 13:44	07/19/13 16:49	1000
1,2-Dichloroethane	ND		810		ug/Kg		07/17/13 13:44	07/19/13 16:49	1000
1,1-Dichloroethene	ND		2000		ug/Kg		07/17/13 13:44	07/19/13 16:49	1000
1,2-Dichloropropane	ND		810		ug/Kg		07/17/13 13:44	07/19/13 16:49	1000
1,3-Dichloropropane	ND		810		ug/Kg		07/17/13 13:44	07/19/13 16:49	1000
2,2-Dichloropropane	ND		810		ug/Kg		07/17/13 13:44	07/19/13 16:49	1000
1,1-Dichloropropene	ND		810		ug/Kg		07/17/13 13:44	07/19/13 16:49	1000
Ethylbenzene	ND		810		ug/Kg		07/17/13 13:44	07/19/13 16:49	1000
Hexachlorobutadiene	ND		2000		ug/Kg		07/17/13 13:44	07/19/13 16:49	1000
Isopropylbenzene	ND		810		ug/Kg		07/17/13 13:44	07/19/13 16:49	1000
Methylene Chloride	ND		8100		ug/Kg		07/17/13 13:44	07/19/13 16:49	1000
m,p-Xylene	ND		810		ug/Kg		07/17/13 13:44	07/19/13 16:49	1000
Naphthalene	ND		2000		ug/Kg		07/17/13 13:44	07/19/13 16:49	1000
n-Butylbenzene	ND		2000		ug/Kg		07/17/13 13:44	07/19/13 16:49	1000
N-Propylbenzene	ND		810		ug/Kg		07/17/13 13:44	07/19/13 16:49	1000
o-Xylene	ND		810		ug/Kg		07/17/13 13:44	07/19/13 16:49	1000
p-Isopropyltoluene	ND		810		ug/Kg		07/17/13 13:44	07/19/13 16:49	1000
sec-Butylbenzene	ND		2000		ug/Kg		07/17/13 13:44	07/19/13 16:49	1000
Styrene	ND		810		ug/Kg		07/17/13 13:44	07/19/13 16:49	1000
tert-Butylbenzene	ND		2000		ug/Kg		07/17/13 13:44	07/19/13 16:49	1000
1,1,1,2-Tetrachloroethane	ND		2000		ug/Kg		07/17/13 13:44	07/19/13 16:49	1000
1,1,2,2-Tetrachloroethane	ND		810		ug/Kg		07/17/13 13:44	07/19/13 16:49	1000
Tetrachloroethene	**62000**		810		ug/Kg		07/17/13 13:44	07/19/13 16:49	1000
Toluene	ND		810		ug/Kg		07/17/13 13:44	07/19/13 16:49	1000
trans-1,2-Dichloroethene	ND		810		ug/Kg		07/17/13 13:44	07/19/13 16:49	1000
trans-1,3-Dichloropropene	ND		810		ug/Kg		07/17/13 13:44	07/19/13 16:49	1000

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Client Sample ID: EB-7-5

Date Collected: 07/16/13 07:30
Date Received: 07/16/13 18:05

Lab Sample ID: 440-51810-1
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	ND		2000		ug/Kg		07/17/13 13:44	07/19/13 16:49	1000
1,2,4-Trichlorobenzene	ND		2000		ug/Kg		07/17/13 13:44	07/19/13 16:49	1000
1,1,1-Trichloroethane	ND		810		ug/Kg		07/17/13 13:44	07/19/13 16:49	1000
1,1,2-Trichloroethane	ND		810		ug/Kg		07/17/13 13:44	07/19/13 16:49	1000
Trichloroethene	**5300**		810		ug/Kg		07/17/13 13:44	07/19/13 16:49	1000
Trichlorofluoromethane	ND		2000		ug/Kg		07/17/13 13:44	07/19/13 16:49	1000
1,2,3-Trichloropropane	ND		4100		ug/Kg		07/17/13 13:44	07/19/13 16:49	1000
1,2,4-Trimethylbenzene	ND		810		ug/Kg		07/17/13 13:44	07/19/13 16:49	1000
1,3,5-Trimethylbenzene	ND		810		ug/Kg		07/17/13 13:44	07/19/13 16:49	1000
Vinyl chloride	ND		2000		ug/Kg		07/17/13 13:44	07/19/13 16:49	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*65 - 140*	*07/17/13 13:44*	*07/19/13 16:49*	*1000*
Dibromofluoromethane (Surr)	*104*		*55 - 140*	*07/17/13 13:44*	*07/19/13 16:49*	*1000*
Toluene-d8 (Surr)	*104*		*60 - 140*	*07/17/13 13:44*	*07/19/13 16:49*	*1000*

Client Sample ID: EB-7-10

Date Collected: 07/16/13 07:35
Date Received: 07/16/13 18:05

Lab Sample ID: 440-51810-2
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		450		ug/Kg		07/17/13 13:44	07/19/13 17:18	500
Bromobenzene	ND		1100		ug/Kg		07/17/13 13:44	07/19/13 17:18	500
Bromochloromethane	ND	*	1100		ug/Kg		07/17/13 13:44	07/19/13 17:18	500
Bromodichloromethane	ND		450		ug/Kg		07/17/13 13:44	07/19/13 17:18	500
Bromoform	ND	*	1100		ug/Kg		07/17/13 13:44	07/19/13 17:18	500
Bromomethane	ND		1100		ug/Kg		07/17/13 13:44	07/19/13 17:18	500
Carbon tetrachloride	ND		1100		ug/Kg		07/17/13 13:44	07/19/13 17:18	500
Chlorobenzene	ND		450		ug/Kg		07/17/13 13:44	07/19/13 17:18	500
Chloroethane	ND		1100		ug/Kg		07/17/13 13:44	07/19/13 17:18	500
Chloroform	ND		450		ug/Kg		07/17/13 13:44	07/19/13 17:18	500
Chloromethane	ND		1100		ug/Kg		07/17/13 13:44	07/19/13 17:18	500
2-Chlorotoluene	ND		1100		ug/Kg		07/17/13 13:44	07/19/13 17:18	500
4-Chlorotoluene	ND		1100		ug/Kg		07/17/13 13:44	07/19/13 17:18	500
cis-1,2-Dichloroethene	ND		450		ug/Kg		07/17/13 13:44	07/19/13 17:18	500
cis-1,3-Dichloropropene	ND		450		ug/Kg		07/17/13 13:44	07/19/13 17:18	500
Dibromochloromethane	ND		450		ug/Kg		07/17/13 13:44	07/19/13 17:18	500
1,2-Dibromo-3-Chloropropane	ND		1100		ug/Kg		07/17/13 13:44	07/19/13 17:18	500
1,2-Dibromoethane (EDB)	ND		450		ug/Kg		07/17/13 13:44	07/19/13 17:18	500
Dibromomethane	ND		450		ug/Kg		07/17/13 13:44	07/19/13 17:18	500
1,2-Dichlorobenzene	ND		450		ug/Kg		07/17/13 13:44	07/19/13 17:18	500
1,3-Dichlorobenzene	ND		450		ug/Kg		07/17/13 13:44	07/19/13 17:18	500
1,4-Dichlorobenzene	ND		450		ug/Kg		07/17/13 13:44	07/19/13 17:18	500
Dichlorodifluoromethane	ND		1100		ug/Kg		07/17/13 13:44	07/19/13 17:18	500
1,1-Dichloroethane	ND		450		ug/Kg		07/17/13 13:44	07/19/13 17:18	500
1,2-Dichloroethane	ND		450		ug/Kg		07/17/13 13:44	07/19/13 17:18	500
1,1-Dichloroethene	ND		1100		ug/Kg		07/17/13 13:44	07/19/13 17:18	500
1,2-Dichloropropane	ND		450		ug/Kg		07/17/13 13:44	07/19/13 17:18	500
1,3-Dichloropropane	ND		450		ug/Kg		07/17/13 13:44	07/19/13 17:18	500

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Client Sample ID: EB-7-10

Lab Sample ID: 440-51810-2

Date Collected: 07/16/13 07:35

Matrix: Solid

Date Received: 07/16/13 18:05

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
2,2-Dichloropropane	ND		450		ug/Kg		07/17/13 13:44	07/19/13 17:18	500
1,1-Dichloropropene	ND		450		ug/Kg		07/17/13 13:44	07/19/13 17:18	500
Ethylbenzene	ND		450		ug/Kg		07/17/13 13:44	07/19/13 17:18	500
Hexachlorobutadiene	ND		1100		ug/Kg		07/17/13 13:44	07/19/13 17:18	500
Isopropylbenzene	ND		450		ug/Kg		07/17/13 13:44	07/19/13 17:18	500
Methylene Chloride	ND		4500		ug/Kg		07/17/13 13:44	07/19/13 17:18	500
m,p-Xylene	ND		450		ug/Kg		07/17/13 13:44	07/19/13 17:18	500
Naphthalene	ND		1100		ug/Kg		07/17/13 13:44	07/19/13 17:18	500
n-Butylbenzene	ND		1100		ug/Kg		07/17/13 13:44	07/19/13 17:18	500
N-Propylbenzene	ND		450		ug/Kg		07/17/13 13:44	07/19/13 17:18	500
o-Xylene	ND		450		ug/Kg		07/17/13 13:44	07/19/13 17:18	500
p-Isopropyltoluene	ND		450		ug/Kg		07/17/13 13:44	07/19/13 17:18	500
sec-Butylbenzene	ND		1100		ug/Kg		07/17/13 13:44	07/19/13 17:18	500
Styrene	ND		450		ug/Kg		07/17/13 13:44	07/19/13 17:18	500
tert-Butylbenzene	ND		1100		ug/Kg		07/17/13 13:44	07/19/13 17:18	500
1,1,1,2-Tetrachloroethane	ND		1100		ug/Kg		07/17/13 13:44	07/19/13 17:18	500
1,1,2,2-Tetrachloroethane	ND		450		ug/Kg		07/17/13 13:44	07/19/13 17:18	500
Tetrachloroethene	**45000**		450		ug/Kg		07/17/13 13:44	07/19/13 17:18	500
Toluene	ND		450		ug/Kg		07/17/13 13:44	07/19/13 17:18	500
trans-1,2-Dichloroethene	ND		450		ug/Kg		07/17/13 13:44	07/19/13 17:18	500
trans-1,3-Dichloropropene	ND		450		ug/Kg		07/17/13 13:44	07/19/13 17:18	500
1,2,3-Trichlorobenzene	ND		1100		ug/Kg		07/17/13 13:44	07/19/13 17:18	500
1,2,4-Trichlorobenzene	ND		1100		ug/Kg		07/17/13 13:44	07/19/13 17:18	500
1,1,1-Trichloroethane	ND		450		ug/Kg		07/17/13 13:44	07/19/13 17:18	500
1,1,2-Trichloroethane	ND		450		ug/Kg		07/17/13 13:44	07/19/13 17:18	500
Trichloroethene	**2800**		450		ug/Kg		07/17/13 13:44	07/19/13 17:18	500
Trichlorofluoromethane	ND		1100		ug/Kg		07/17/13 13:44	07/19/13 17:18	500
1,2,3-Trichloropropane	ND		2200		ug/Kg		07/17/13 13:44	07/19/13 17:18	500
1,2,4-Trimethylbenzene	ND		450		ug/Kg		07/17/13 13:44	07/19/13 17:18	500
1,3,5-Trimethylbenzene	ND		450		ug/Kg		07/17/13 13:44	07/19/13 17:18	500
Vinyl chloride	ND		1100		ug/Kg		07/17/13 13:44	07/19/13 17:18	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*65 - 140*	*07/17/13 13:44*	*07/19/13 17:18*	*500*
Dibromofluoromethane (Surr)	*106*		*55 - 140*	*07/17/13 13:44*	*07/19/13 17:18*	*500*
Toluene-d8 (Surr)	*108*		*60 - 140*	*07/17/13 13:44*	*07/19/13 17:18*	*500*

Client Sample ID: EB-7-20

Lab Sample ID: 440-51810-4

Date Collected: 07/16/13 07:55

Matrix: Solid

Date Received: 07/16/13 18:05

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		89		ug/Kg		07/17/13 13:44	07/19/13 01:26	100
Bromobenzene	ND	*	220		ug/Kg		07/17/13 13:44	07/19/13 01:26	100
Bromochloromethane	ND		220		ug/Kg		07/17/13 13:44	07/19/13 01:26	100
Bromodichloromethane	ND		89		ug/Kg		07/17/13 13:44	07/19/13 01:26	100
Bromoform	ND		220		ug/Kg		07/17/13 13:44	07/19/13 01:26	100
Bromomethane	ND		220		ug/Kg		07/17/13 13:44	07/19/13 01:26	100
Carbon tetrachloride	ND		220		ug/Kg		07/17/13 13:44	07/19/13 01:26	100

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Client Sample ID: EB-7-20
Date Collected: 07/16/13 07:55
Date Received: 07/16/13 18:05

Lab Sample ID: 440-51810-4
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		89		ug/Kg		07/17/13 13:44	07/19/13 01:26	100
Chloroethane	ND		220		ug/Kg		07/17/13 13:44	07/19/13 01:26	100
Chloroform	ND		89		ug/Kg		07/17/13 13:44	07/19/13 01:26	100
Chloromethane	ND		220		ug/Kg		07/17/13 13:44	07/19/13 01:26	100
2-Chlorotoluene	ND		220		ug/Kg		07/17/13 13:44	07/19/13 01:26	100
4-Chlorotoluene	ND		220		ug/Kg		07/17/13 13:44	07/19/13 01:26	100
cis-1,2-Dichloroethene	ND		89		ug/Kg		07/17/13 13:44	07/19/13 01:26	100
cis-1,3-Dichloropropene	ND		89		ug/Kg		07/17/13 13:44	07/19/13 01:26	100
Dibromochloromethane	ND		89		ug/Kg		07/17/13 13:44	07/19/13 01:26	100
1,2-Dibromo-3-Chloropropane	ND		220		ug/Kg		07/17/13 13:44	07/19/13 01:26	100
1,2-Dibromoethane (EDB)	ND		89		ug/Kg		07/17/13 13:44	07/19/13 01:26	100
Dibromomethane	ND		89		ug/Kg		07/17/13 13:44	07/19/13 01:26	100
1,2-Dichlorobenzene	ND		89		ug/Kg		07/17/13 13:44	07/19/13 01:26	100
1,3-Dichlorobenzene	ND		89		ug/Kg		07/17/13 13:44	07/19/13 01:26	100
1,4-Dichlorobenzene	ND		89		ug/Kg		07/17/13 13:44	07/19/13 01:26	100
Dichlorodifluoromethane	ND		220		ug/Kg		07/17/13 13:44	07/19/13 01:26	100
1,1-Dichloroethane	ND		89		ug/Kg		07/17/13 13:44	07/19/13 01:26	100
1,2-Dichloroethane	ND		89		ug/Kg		07/17/13 13:44	07/19/13 01:26	100
1,1-Dichloroethene	ND		220		ug/Kg		07/17/13 13:44	07/19/13 01:26	100
1,2-Dichloropropane	ND		89		ug/Kg		07/17/13 13:44	07/19/13 01:26	100
1,3-Dichloropropane	ND		89		ug/Kg		07/17/13 13:44	07/19/13 01:26	100
2,2-Dichloropropane	ND		89		ug/Kg		07/17/13 13:44	07/19/13 01:26	100
1,1-Dichloropropene	ND		89		ug/Kg		07/17/13 13:44	07/19/13 01:26	100
Ethylbenzene	ND		89		ug/Kg		07/17/13 13:44	07/19/13 01:26	100
Hexachlorobutadiene	ND		220		ug/Kg		07/17/13 13:44	07/19/13 01:26	100
Isopropylbenzene	ND		89		ug/Kg		07/17/13 13:44	07/19/13 01:26	100
Methylene Chloride	ND		890		ug/Kg		07/17/13 13:44	07/19/13 01:26	100
m,p-Xylene	ND		89		ug/Kg		07/17/13 13:44	07/19/13 01:26	100
Naphthalene	ND		220		ug/Kg		07/17/13 13:44	07/19/13 01:26	100
n-Butylbenzene	ND		220		ug/Kg		07/17/13 13:44	07/19/13 01:26	100
N-Propylbenzene	ND		89		ug/Kg		07/17/13 13:44	07/19/13 01:26	100
o-Xylene	ND		89		ug/Kg		07/17/13 13:44	07/19/13 01:26	100
p-Isopropyltoluene	ND		89		ug/Kg		07/17/13 13:44	07/19/13 01:26	100
sec-Butylbenzene	ND		220		ug/Kg		07/17/13 13:44	07/19/13 01:26	100
Styrene	ND		89		ug/Kg		07/17/13 13:44	07/19/13 01:26	100
tert-Butylbenzene	ND		220		ug/Kg		07/17/13 13:44	07/19/13 01:26	100
1,1,1,2-Tetrachloroethane	ND		220		ug/Kg		07/17/13 13:44	07/19/13 01:26	100
1,1,2,2-Tetrachloroethane	ND		89		ug/Kg		07/17/13 13:44	07/19/13 01:26	100
Tetrachloroethene	**1600**		89		ug/Kg		07/17/13 13:44	07/19/13 01:26	100
Toluene	ND		89		ug/Kg		07/17/13 13:44	07/19/13 01:26	100
trans-1,2-Dichloroethene	ND		89		ug/Kg		07/17/13 13:44	07/19/13 01:26	100
trans-1,3-Dichloropropene	ND		89		ug/Kg		07/17/13 13:44	07/19/13 01:26	100
1,2,3-Trichlorobenzene	ND		220		ug/Kg		07/17/13 13:44	07/19/13 01:26	100
1,2,4-Trichlorobenzene	ND		220		ug/Kg		07/17/13 13:44	07/19/13 01:26	100
1,1,1-Trichloroethane	ND		89		ug/Kg		07/17/13 13:44	07/19/13 01:26	100
1,1,2-Trichloroethane	ND		89		ug/Kg		07/17/13 13:44	07/19/13 01:26	100
Trichloroethene	ND		89		ug/Kg		07/17/13 13:44	07/19/13 01:26	100
Trichlorofluoromethane	ND		220		ug/Kg		07/17/13 13:44	07/19/13 01:26	100
1,2,3-Trichloropropane	ND		450		ug/Kg		07/17/13 13:44	07/19/13 01:26	100

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Client Sample ID: EB-7-20

Lab Sample ID: 440-51810-4

Date Collected: 07/16/13 07:55
Matrix: Solid
Date Received: 07/16/13 18:05

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	ND		89		ug/Kg		07/17/13 13:44	07/19/13 01:26	100
1,3,5-Trimethylbenzene	ND		89		ug/Kg		07/17/13 13:44	07/19/13 01:26	100
Vinyl chloride	ND		220		ug/Kg		07/17/13 13:44	07/19/13 01:26	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*65 - 140*	*07/17/13 13:44*	*07/19/13 01:26*	*100*
Dibromofluoromethane (Surr)	*101*		*55 - 140*	*07/17/13 13:44*	*07/19/13 01:26*	*100*
Toluene-d8 (Surr)	*110*		*60 - 140*	*07/17/13 13:44*	*07/19/13 01:26*	*100*

Client Sample ID: EB-7-30

Lab Sample ID: 440-51810-6

Date Collected: 07/16/13 08:25
Matrix: Solid
Date Received: 07/16/13 18:05

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.7		ug/Kg		07/17/13 13:35	07/17/13 22:32	1
Bromobenzene	ND		4.2		ug/Kg		07/17/13 13:35	07/17/13 22:32	1
Bromochloromethane	ND		4.2		ug/Kg		07/17/13 13:35	07/17/13 22:32	1
Bromodichloromethane	ND		1.7		ug/Kg		07/17/13 13:35	07/17/13 22:32	1
Bromoform	ND		4.2		ug/Kg		07/17/13 13:35	07/17/13 22:32	1
Bromomethane	ND		4.2		ug/Kg		07/17/13 13:35	07/17/13 22:32	1
Carbon tetrachloride	ND		4.2		ug/Kg		07/17/13 13:35	07/17/13 22:32	1
Chlorobenzene	ND		1.7		ug/Kg		07/17/13 13:35	07/17/13 22:32	1
Chloroethane	ND		4.2		ug/Kg		07/17/13 13:35	07/17/13 22:32	1
Chloroform	ND		1.7		ug/Kg		07/17/13 13:35	07/17/13 22:32	1
Chloromethane	ND		4.2		ug/Kg		07/17/13 13:35	07/17/13 22:32	1
2-Chlorotoluene	ND		4.2		ug/Kg		07/17/13 13:35	07/17/13 22:32	1
4-Chlorotoluene	ND		4.2		ug/Kg		07/17/13 13:35	07/17/13 22:32	1
cis-1,2-Dichloroethene	ND		1.7		ug/Kg		07/17/13 13:35	07/17/13 22:32	1
cis-1,3-Dichloropropene	ND		1.7		ug/Kg		07/17/13 13:35	07/17/13 22:32	1
Dibromochloromethane	ND		1.7		ug/Kg		07/17/13 13:35	07/17/13 22:32	1
1,2-Dibromo-3-Chloropropane	ND		4.2		ug/Kg		07/17/13 13:35	07/17/13 22:32	1
1,2-Dibromoethane (EDB)	ND		1.7		ug/Kg		07/17/13 13:35	07/17/13 22:32	1
Dibromomethane	ND		1.7		ug/Kg		07/17/13 13:35	07/17/13 22:32	1
1,2-Dichlorobenzene	ND		1.7		ug/Kg		07/17/13 13:35	07/17/13 22:32	1
1,3-Dichlorobenzene	ND		1.7		ug/Kg		07/17/13 13:35	07/17/13 22:32	1
1,4-Dichlorobenzene	ND		1.7		ug/Kg		07/17/13 13:35	07/17/13 22:32	1
Dichlorodifluoromethane	ND		4.2		ug/Kg		07/17/13 13:35	07/17/13 22:32	1
1,1-Dichloroethane	ND		1.7		ug/Kg		07/17/13 13:35	07/17/13 22:32	1
1,2-Dichloroethane	ND		1.7		ug/Kg		07/17/13 13:35	07/17/13 22:32	1
1,1-Dichloroethene	ND		4.2		ug/Kg		07/17/13 13:35	07/17/13 22:32	1
1,2-Dichloropropane	ND		1.7		ug/Kg		07/17/13 13:35	07/17/13 22:32	1
1,3-Dichloropropane	ND		1.7		ug/Kg		07/17/13 13:35	07/17/13 22:32	1
2,2-Dichloropropane	ND		1.7		ug/Kg		07/17/13 13:35	07/17/13 22:32	1
1,1-Dichloropropene	ND		1.7		ug/Kg		07/17/13 13:35	07/17/13 22:32	1
Ethylbenzene	ND		1.7		ug/Kg		07/17/13 13:35	07/17/13 22:32	1
Hexachlorobutadiene	ND		4.2		ug/Kg		07/17/13 13:35	07/17/13 22:32	1
Isopropylbenzene	ND		1.7		ug/Kg		07/17/13 13:35	07/17/13 22:32	1
Methylene Chloride	ND		17		ug/Kg		07/17/13 13:35	07/17/13 22:32	1
m,p-Xylene	ND		1.7		ug/Kg		07/17/13 13:35	07/17/13 22:32	1

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Client Sample ID: EB-7-30

Lab Sample ID: 440-51810-6

Date Collected: 07/16/13 08:25

Matrix: Solid

Date Received: 07/16/13 18:05

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		4.2		ug/Kg		07/17/13 13:35	07/17/13 22:32	1
n-Butylbenzene	ND		4.2		ug/Kg		07/17/13 13:35	07/17/13 22:32	1
N-Propylbenzene	ND		1.7		ug/Kg		07/17/13 13:35	07/17/13 22:32	1
o-Xylene	ND		1.7		ug/Kg		07/17/13 13:35	07/17/13 22:32	1
p-Isopropyltoluene	ND		1.7		ug/Kg		07/17/13 13:35	07/17/13 22:32	1
sec-Butylbenzene	ND		4.2		ug/Kg		07/17/13 13:35	07/17/13 22:32	1
Styrene	ND		1.7		ug/Kg		07/17/13 13:35	07/17/13 22:32	1
tert-Butylbenzene	ND		4.2		ug/Kg		07/17/13 13:35	07/17/13 22:32	1
1,1,1,2-Tetrachloroethane	ND		4.2		ug/Kg		07/17/13 13:35	07/17/13 22:32	1
1,1,2,2-Tetrachloroethane	ND		1.7		ug/Kg		07/17/13 13:35	07/17/13 22:32	1
Tetrachloroethene	**47**		1.7		ug/Kg		07/17/13 13:35	07/17/13 22:32	1
Toluene	ND		1.7		ug/Kg		07/17/13 13:35	07/17/13 22:32	1
trans-1,2-Dichloroethene	ND		1.7		ug/Kg		07/17/13 13:35	07/17/13 22:32	1
trans-1,3-Dichloropropene	ND		1.7		ug/Kg		07/17/13 13:35	07/17/13 22:32	1
1,2,3-Trichlorobenzene	ND		4.2		ug/Kg		07/17/13 13:35	07/17/13 22:32	1
1,2,4-Trichlorobenzene	ND		4.2		ug/Kg		07/17/13 13:35	07/17/13 22:32	1
1,1,1-Trichloroethane	ND		1.7		ug/Kg		07/17/13 13:35	07/17/13 22:32	1
1,1,2-Trichloroethane	ND		1.7		ug/Kg		07/17/13 13:35	07/17/13 22:32	1
Trichloroethene	**80**		1.7		ug/Kg		07/17/13 13:35	07/17/13 22:32	1
Trichlorofluoromethane	ND		4.2		ug/Kg		07/17/13 13:35	07/17/13 22:32	1
1,2,3-Trichloropropane	ND		8.5		ug/Kg		07/17/13 13:35	07/17/13 22:32	1
1,2,4-Trimethylbenzene	ND		1.7		ug/Kg		07/17/13 13:35	07/17/13 22:32	1
1,3,5-Trimethylbenzene	ND		1.7		ug/Kg		07/17/13 13:35	07/17/13 22:32	1
Vinyl chloride	ND		4.2		ug/Kg		07/17/13 13:35	07/17/13 22:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*	*07/17/13 13:35*	*07/17/13 22:32*	*1*
Dibromofluoromethane (Surr)	*108*		*80 - 125*	*07/17/13 13:35*	*07/17/13 22:32*	*1*
Toluene-d8 (Surr)	*109*		*80 - 120*	*07/17/13 13:35*	*07/17/13 22:32*	*1*

Client Sample ID: EB-7-40

Lab Sample ID: 440-51810-8

Date Collected: 07/16/13 09:00

Matrix: Solid

Date Received: 07/16/13 18:05

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/Kg		07/17/13 13:35	07/17/13 22:59	1
Bromobenzene	ND		5.0		ug/Kg		07/17/13 13:35	07/17/13 22:59	1
Bromochloromethane	ND		5.0		ug/Kg		07/17/13 13:35	07/17/13 22:59	1
Bromodichloromethane	ND		2.0		ug/Kg		07/17/13 13:35	07/17/13 22:59	1
Bromoform	ND		5.0		ug/Kg		07/17/13 13:35	07/17/13 22:59	1
Bromomethane	ND		5.0		ug/Kg		07/17/13 13:35	07/17/13 22:59	1
Carbon tetrachloride	ND		5.0		ug/Kg		07/17/13 13:35	07/17/13 22:59	1
Chlorobenzene	ND		2.0		ug/Kg		07/17/13 13:35	07/17/13 22:59	1
Chloroethane	ND		5.0		ug/Kg		07/17/13 13:35	07/17/13 22:59	1
Chloroform	ND		2.0		ug/Kg		07/17/13 13:35	07/17/13 22:59	1
Chloromethane	ND		5.0		ug/Kg		07/17/13 13:35	07/17/13 22:59	1
2-Chlorotoluene	ND		5.0		ug/Kg		07/17/13 13:35	07/17/13 22:59	1
4-Chlorotoluene	ND		5.0		ug/Kg		07/17/13 13:35	07/17/13 22:59	1
cis-1,2-Dichloroethene	ND		2.0		ug/Kg		07/17/13 13:35	07/17/13 22:59	1

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Client Sample ID: EB-7-40
Date Collected: 07/16/13 09:00
Date Received: 07/16/13 18:05

Lab Sample ID: 440-51810-8
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		2.0		ug/Kg		07/17/13 13:35	07/17/13 22:59	1
Dibromochloromethane	ND		2.0		ug/Kg		07/17/13 13:35	07/17/13 22:59	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/Kg		07/17/13 13:35	07/17/13 22:59	1
1,2-Dibromoethane (EDB)	ND		2.0		ug/Kg		07/17/13 13:35	07/17/13 22:59	1
Dibromomethane	ND		2.0		ug/Kg		07/17/13 13:35	07/17/13 22:59	1
1,2-Dichlorobenzene	ND		2.0		ug/Kg		07/17/13 13:35	07/17/13 22:59	1
1,3-Dichlorobenzene	ND		2.0		ug/Kg		07/17/13 13:35	07/17/13 22:59	1
1,4-Dichlorobenzene	ND		2.0		ug/Kg		07/17/13 13:35	07/17/13 22:59	1
Dichlorodifluoromethane	ND		5.0		ug/Kg		07/17/13 13:35	07/17/13 22:59	1
1,1-Dichloroethane	ND		2.0		ug/Kg		07/17/13 13:35	07/17/13 22:59	1
1,2-Dichloroethane	ND		2.0		ug/Kg		07/17/13 13:35	07/17/13 22:59	1
1,1-Dichloroethene	ND		5.0		ug/Kg		07/17/13 13:35	07/17/13 22:59	1
1,2-Dichloropropane	ND		2.0		ug/Kg		07/17/13 13:35	07/17/13 22:59	1
1,3-Dichloropropane	ND		2.0		ug/Kg		07/17/13 13:35	07/17/13 22:59	1
2,2-Dichloropropane	ND		2.0		ug/Kg		07/17/13 13:35	07/17/13 22:59	1
1,1-Dichloropropene	ND		2.0		ug/Kg		07/17/13 13:35	07/17/13 22:59	1
Ethylbenzene	ND		2.0		ug/Kg		07/17/13 13:35	07/17/13 22:59	1
Hexachlorobutadiene	ND		5.0		ug/Kg		07/17/13 13:35	07/17/13 22:59	1
Isopropylbenzene	ND		2.0		ug/Kg		07/17/13 13:35	07/17/13 22:59	1
Methylene Chloride	ND		20		ug/Kg		07/17/13 13:35	07/17/13 22:59	1
m,p-Xylene	ND		2.0		ug/Kg		07/17/13 13:35	07/17/13 22:59	1
Naphthalene	ND		5.0		ug/Kg		07/17/13 13:35	07/17/13 22:59	1
n-Butylbenzene	ND		5.0		ug/Kg		07/17/13 13:35	07/17/13 22:59	1
N-Propylbenzene	ND		2.0		ug/Kg		07/17/13 13:35	07/17/13 22:59	1
o-Xylene	ND		2.0		ug/Kg		07/17/13 13:35	07/17/13 22:59	1
p-Isopropyltoluene	ND		2.0		ug/Kg		07/17/13 13:35	07/17/13 22:59	1
sec-Butylbenzene	ND		5.0		ug/Kg		07/17/13 13:35	07/17/13 22:59	1
Styrene	ND		2.0		ug/Kg		07/17/13 13:35	07/17/13 22:59	1
tert-Butylbenzene	ND		5.0		ug/Kg		07/17/13 13:35	07/17/13 22:59	1
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg		07/17/13 13:35	07/17/13 22:59	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		07/17/13 13:35	07/17/13 22:59	1
Tetrachloroethene	ND		2.0		ug/Kg		07/17/13 13:35	07/17/13 22:59	1
Toluene	ND		2.0		ug/Kg		07/17/13 13:35	07/17/13 22:59	1
trans-1,2-Dichloroethene	ND		2.0		ug/Kg		07/17/13 13:35	07/17/13 22:59	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		07/17/13 13:35	07/17/13 22:59	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg		07/17/13 13:35	07/17/13 22:59	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg		07/17/13 13:35	07/17/13 22:59	1
1,1,1-Trichloroethane	ND		2.0		ug/Kg		07/17/13 13:35	07/17/13 22:59	1
1,1,2-Trichloroethane	ND		2.0		ug/Kg		07/17/13 13:35	07/17/13 22:59	1
Trichloroethene	ND		2.0		ug/Kg		07/17/13 13:35	07/17/13 22:59	1
Trichlorofluoromethane	ND		5.0		ug/Kg		07/17/13 13:35	07/17/13 22:59	1
1,2,3-Trichloropropane	ND		10		ug/Kg		07/17/13 13:35	07/17/13 22:59	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		07/17/13 13:35	07/17/13 22:59	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		07/17/13 13:35	07/17/13 22:59	1
Vinyl chloride	ND		5.0		ug/Kg		07/17/13 13:35	07/17/13 22:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*80 - 120*	*07/17/13 13:35*	*07/17/13 22:59*	*1*
Dibromofluoromethane (Surr)	*107*		*80 - 125*	*07/17/13 13:35*	*07/17/13 22:59*	*1*
Toluene-d8 (Surr)	*109*		*80 - 120*	*07/17/13 13:35*	*07/17/13 22:59*	*1*

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Client Sample ID: EB-7-HP-45.1
Date Collected: 07/16/13 09:40
Date Received: 07/16/13 18:05

Lab Sample ID: 440-51810-10
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		5.0		ug/L			07/18/13 17:03	10
Bromobenzene	ND		10		ug/L			07/18/13 17:03	10
Bromochloromethane	ND		10		ug/L			07/18/13 17:03	10
Bromodichloromethane	ND		10		ug/L			07/18/13 17:03	10
Bromoform	ND		10		ug/L			07/18/13 17:03	10
Bromomethane	ND		10		ug/L			07/18/13 17:03	10
Carbon tetrachloride	ND		5.0		ug/L			07/18/13 17:03	10
Chlorobenzene	ND		10		ug/L			07/18/13 17:03	10
Chloroethane	ND		10		ug/L			07/18/13 17:03	10
Chloroform	ND		10		ug/L			07/18/13 17:03	10
Chloromethane	ND		10		ug/L			07/18/13 17:03	10
2-Chlorotoluene	ND		10		ug/L			07/18/13 17:03	10
4-Chlorotoluene	ND		10		ug/L			07/18/13 17:03	10
cis-1,2-Dichloroethene	ND		10		ug/L			07/18/13 17:03	10
cis-1,3-Dichloropropene	ND		5.0		ug/L			07/18/13 17:03	10
Dibromochloromethane	ND		10		ug/L			07/18/13 17:03	10
1,2-Dibromo-3-Chloropropane	ND		50		ug/L			07/18/13 17:03	10
1,2-Dibromoethane (EDB)	ND		10		ug/L			07/18/13 17:03	10
Dibromomethane	ND		10		ug/L			07/18/13 17:03	10
1,2-Dichlorobenzene	ND		10		ug/L			07/18/13 17:03	10
1,3-Dichlorobenzene	ND		10		ug/L			07/18/13 17:03	10
1,4-Dichlorobenzene	ND		10		ug/L			07/18/13 17:03	10
Dichlorodifluoromethane	ND		50		ug/L			07/18/13 17:03	10
1,1-Dichloroethane	ND		10		ug/L			07/18/13 17:03	10
1,2-Dichloroethane	ND		5.0		ug/L			07/18/13 17:03	10
1,1-Dichloroethene	ND		10		ug/L			07/18/13 17:03	10
1,2-Dichloropropane	ND		10		ug/L			07/18/13 17:03	10
1,3-Dichloropropane	ND		10		ug/L			07/18/13 17:03	10
2,2-Dichloropropane	ND		10		ug/L			07/18/13 17:03	10
1,1-Dichloropropene	ND		10		ug/L			07/18/13 17:03	10
Ethylbenzene	ND		10		ug/L			07/18/13 17:03	10
Hexachlorobutadiene	ND		10		ug/L			07/18/13 17:03	10
Isopropylbenzene	ND		10		ug/L			07/18/13 17:03	10
Methylene Chloride	ND		50		ug/L			07/18/13 17:03	10
m,p-Xylene	ND		10		ug/L			07/18/13 17:03	10
Naphthalene	ND		10		ug/L			07/18/13 17:03	10
n-Butylbenzene	ND		10		ug/L			07/18/13 17:03	10
N-Propylbenzene	ND		10		ug/L			07/18/13 17:03	10
o-Xylene	ND		10		ug/L			07/18/13 17:03	10
p-Isopropyltoluene	ND		10		ug/L			07/18/13 17:03	10
sec-Butylbenzene	ND		10		ug/L			07/18/13 17:03	10
Styrene	ND		10		ug/L			07/18/13 17:03	10
tert-Butylbenzene	ND		10		ug/L			07/18/13 17:03	10
1,1,1,2-Tetrachloroethane	ND		10		ug/L			07/18/13 17:03	10
1,1,2,2-Tetrachloroethane	ND		10		ug/L			07/18/13 17:03	10
Tetrachloroethene	**280**		10		ug/L			07/18/13 17:03	10
Toluene	ND		10		ug/L			07/18/13 17:03	10
trans-1,2-Dichloroethene	ND		10		ug/L			07/18/13 17:03	10
trans-1,3-Dichloropropene	ND		5.0		ug/L			07/18/13 17:03	10

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Client Sample ID: EB-7-HP-45.1

Lab Sample ID: 440-51810-10

Date Collected: 07/16/13 09:40
Matrix: Water
Date Received: 07/16/13 18:05

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	ND		10		ug/L			07/18/13 17:03	10
1,2,4-Trichlorobenzene	ND		10		ug/L			07/18/13 17:03	10
1,1,1-Trichloroethane	ND		10		ug/L			07/18/13 17:03	10
1,1,2-Trichloroethane	ND		10		ug/L			07/18/13 17:03	10
Trichloroethene	**810**		10		ug/L			07/18/13 17:03	10
Trichlorofluoromethane	ND	*	10		ug/L			07/18/13 17:03	10
1,2,3-Trichloropropane	ND		10		ug/L			07/18/13 17:03	10
1,2,4-Trimethylbenzene	ND		10		ug/L			07/18/13 17:03	10
1,3,5-Trimethylbenzene	ND		10		ug/L			07/18/13 17:03	10
Vinyl chloride	ND		5.0		ug/L			07/18/13 17:03	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*07/18/13 17:03*	*10*
Dibromofluoromethane (Surr)	*117*		*80 - 120*		*07/18/13 17:03*	*10*
Toluene-d8 (Surr)	*100*		*80 - 120*		*07/18/13 17:03*	*10*

Client Sample ID: EB-5-5

Lab Sample ID: 440-51810-11

Date Collected: 07/16/13 10:36
Matrix: Solid
Date Received: 07/16/13 18:05

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.7		ug/Kg		07/17/13 13:35	07/17/13 23:26	1
Bromobenzene	ND		4.1		ug/Kg		07/17/13 13:35	07/17/13 23:26	1
Bromochloromethane	ND		4.1		ug/Kg		07/17/13 13:35	07/17/13 23:26	1
Bromodichloromethane	ND		1.7		ug/Kg		07/17/13 13:35	07/17/13 23:26	1
Bromoform	ND		4.1		ug/Kg		07/17/13 13:35	07/17/13 23:26	1
Bromomethane	ND		4.1		ug/Kg		07/17/13 13:35	07/17/13 23:26	1
Carbon tetrachloride	ND		4.1		ug/Kg		07/17/13 13:35	07/17/13 23:26	1
Chlorobenzene	ND		1.7		ug/Kg		07/17/13 13:35	07/17/13 23:26	1
Chloroethane	ND		4.1		ug/Kg		07/17/13 13:35	07/17/13 23:26	1
Chloroform	ND		1.7		ug/Kg		07/17/13 13:35	07/17/13 23:26	1
Chloromethane	ND		4.1		ug/Kg		07/17/13 13:35	07/17/13 23:26	1
2-Chlorotoluene	ND		4.1		ug/Kg		07/17/13 13:35	07/17/13 23:26	1
4-Chlorotoluene	ND		4.1		ug/Kg		07/17/13 13:35	07/17/13 23:26	1
cis-1,2-Dichloroethene	ND		1.7		ug/Kg		07/17/13 13:35	07/17/13 23:26	1
cis-1,3-Dichloropropene	ND		1.7		ug/Kg		07/17/13 13:35	07/17/13 23:26	1
Dibromochloromethane	ND		1.7		ug/Kg		07/17/13 13:35	07/17/13 23:26	1
1,2-Dibromo-3-Chloropropane	ND		4.1		ug/Kg		07/17/13 13:35	07/17/13 23:26	1
1,2-Dibromoethane (EDB)	ND		1.7		ug/Kg		07/17/13 13:35	07/17/13 23:26	1
Dibromomethane	ND		1.7		ug/Kg		07/17/13 13:35	07/17/13 23:26	1
1,2-Dichlorobenzene	ND		1.7		ug/Kg		07/17/13 13:35	07/17/13 23:26	1
1,3-Dichlorobenzene	ND		1.7		ug/Kg		07/17/13 13:35	07/17/13 23:26	1
1,4-Dichlorobenzene	ND		1.7		ug/Kg		07/17/13 13:35	07/17/13 23:26	1
Dichlorodifluoromethane	ND		4.1		ug/Kg		07/17/13 13:35	07/17/13 23:26	1
1,1-Dichloroethane	ND		1.7		ug/Kg		07/17/13 13:35	07/17/13 23:26	1
1,2-Dichloroethane	ND		1.7		ug/Kg		07/17/13 13:35	07/17/13 23:26	1
1,1-Dichloroethene	ND		4.1		ug/Kg		07/17/13 13:35	07/17/13 23:26	1
1,2-Dichloropropane	ND		1.7		ug/Kg		07/17/13 13:35	07/17/13 23:26	1
1,3-Dichloropropane	ND		1.7		ug/Kg		07/17/13 13:35	07/17/13 23:26	1

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Client Sample ID: EB-5-5

Date Collected: 07/16/13 10:36
Date Received: 07/16/13 18:05

Lab Sample ID: 440-51810-11
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
2,2-Dichloropropane	ND		1.7		ug/Kg		07/17/13 13:35	07/17/13 23:26	1
1,1-Dichloropropene	ND		1.7		ug/Kg		07/17/13 13:35	07/17/13 23:26	1
Ethylbenzene	ND		1.7		ug/Kg		07/17/13 13:35	07/17/13 23:26	1
Hexachlorobutadiene	ND		4.1		ug/Kg		07/17/13 13:35	07/17/13 23:26	1
Isopropylbenzene	ND		1.7		ug/Kg		07/17/13 13:35	07/17/13 23:26	1
Methylene Chloride	ND		17		ug/Kg		07/17/13 13:35	07/17/13 23:26	1
m,p-Xylene	ND		1.7		ug/Kg		07/17/13 13:35	07/17/13 23:26	1
Naphthalene	ND		4.1		ug/Kg		07/17/13 13:35	07/17/13 23:26	1
n-Butylbenzene	ND		4.1		ug/Kg		07/17/13 13:35	07/17/13 23:26	1
N-Propylbenzene	ND		1.7		ug/Kg		07/17/13 13:35	07/17/13 23:26	1
o-Xylene	ND		1.7		ug/Kg		07/17/13 13:35	07/17/13 23:26	1
p-Isopropyltoluene	ND		1.7		ug/Kg		07/17/13 13:35	07/17/13 23:26	1
sec-Butylbenzene	ND		4.1		ug/Kg		07/17/13 13:35	07/17/13 23:26	1
Styrene	ND		1.7		ug/Kg		07/17/13 13:35	07/17/13 23:26	1
tert-Butylbenzene	ND		4.1		ug/Kg		07/17/13 13:35	07/17/13 23:26	1
1,1,1,2-Tetrachloroethane	ND		4.1		ug/Kg		07/17/13 13:35	07/17/13 23:26	1
1,1,2,2-Tetrachloroethane	ND		1.7		ug/Kg		07/17/13 13:35	07/17/13 23:26	1
Tetrachloroethene	ND		1.7		ug/Kg		07/17/13 13:35	07/17/13 23:26	1
Toluene	ND		1.7		ug/Kg		07/17/13 13:35	07/17/13 23:26	1
trans-1,2-Dichloroethene	ND		1.7		ug/Kg		07/17/13 13:35	07/17/13 23:26	1
trans-1,3-Dichloropropene	ND		1.7		ug/Kg		07/17/13 13:35	07/17/13 23:26	1
1,2,3-Trichlorobenzene	ND		4.1		ug/Kg		07/17/13 13:35	07/17/13 23:26	1
1,2,4-Trichlorobenzene	ND		4.1		ug/Kg		07/17/13 13:35	07/17/13 23:26	1
1,1,1-Trichloroethane	ND		1.7		ug/Kg		07/17/13 13:35	07/17/13 23:26	1
1,1,2-Trichloroethane	ND		1.7		ug/Kg		07/17/13 13:35	07/17/13 23:26	1
Trichloroethene	ND		1.7		ug/Kg		07/17/13 13:35	07/17/13 23:26	1
Trichlorofluoromethane	ND		4.1		ug/Kg		07/17/13 13:35	07/17/13 23:26	1
1,2,3-Trichloropropane	ND		8.3		ug/Kg		07/17/13 13:35	07/17/13 23:26	1
1,2,4-Trimethylbenzene	ND		1.7		ug/Kg		07/17/13 13:35	07/17/13 23:26	1
1,3,5-Trimethylbenzene	ND		1.7		ug/Kg		07/17/13 13:35	07/17/13 23:26	1
Vinyl chloride	ND		4.1		ug/Kg		07/17/13 13:35	07/17/13 23:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*80 - 120*	*07/17/13 13:35*	*07/17/13 23:26*	*1*
Dibromofluoromethane (Surr)	*107*		*80 - 125*	*07/17/13 13:35*	*07/17/13 23:26*	*1*
Toluene-d8 (Surr)	*109*		*80 - 120*	*07/17/13 13:35*	*07/17/13 23:26*	*1*

Client Sample ID: EB-5-10

Date Collected: 07/16/13 10:42
Date Received: 07/16/13 18:05

Lab Sample ID: 440-51810-12
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.8		ug/Kg		07/17/13 13:35	07/17/13 23:53	1
Bromobenzene	ND		4.5		ug/Kg		07/17/13 13:35	07/17/13 23:53	1
Bromochloromethane	ND		4.5		ug/Kg		07/17/13 13:35	07/17/13 23:53	1
Bromodichloromethane	ND		1.8		ug/Kg		07/17/13 13:35	07/17/13 23:53	1
Bromoform	ND		4.5		ug/Kg		07/17/13 13:35	07/17/13 23:53	1
Bromomethane	ND		4.5		ug/Kg		07/17/13 13:35	07/17/13 23:53	1
Carbon tetrachloride	ND		4.5		ug/Kg		07/17/13 13:35	07/17/13 23:53	1

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Client Sample ID: EB-5-10
Date Collected: 07/16/13 10:42
Date Received: 07/16/13 18:05

Lab Sample ID: 440-51810-12
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		1.8		ug/Kg		07/17/13 13:35	07/17/13 23:53	1
Chloroethane	ND		4.5		ug/Kg		07/17/13 13:35	07/17/13 23:53	1
Chloroform	ND		1.8		ug/Kg		07/17/13 13:35	07/17/13 23:53	1
Chloromethane	ND		4.5		ug/Kg		07/17/13 13:35	07/17/13 23:53	1
2-Chlorotoluene	ND		4.5		ug/Kg		07/17/13 13:35	07/17/13 23:53	1
4-Chlorotoluene	ND		4.5		ug/Kg		07/17/13 13:35	07/17/13 23:53	1
cis-1,2-Dichloroethene	ND		1.8		ug/Kg		07/17/13 13:35	07/17/13 23:53	1
cis-1,3-Dichloropropene	ND		1.8		ug/Kg		07/17/13 13:35	07/17/13 23:53	1
Dibromochloromethane	ND		1.8		ug/Kg		07/17/13 13:35	07/17/13 23:53	1
1,2-Dibromo-3-Chloropropane	ND		4.5		ug/Kg		07/17/13 13:35	07/17/13 23:53	1
1,2-Dibromoethane (EDB)	ND		1.8		ug/Kg		07/17/13 13:35	07/17/13 23:53	1
Dibromomethane	ND		1.8		ug/Kg		07/17/13 13:35	07/17/13 23:53	1
1,2-Dichlorobenzene	ND		1.8		ug/Kg		07/17/13 13:35	07/17/13 23:53	1
1,3-Dichlorobenzene	ND		1.8		ug/Kg		07/17/13 13:35	07/17/13 23:53	1
1,4-Dichlorobenzene	ND		1.8		ug/Kg		07/17/13 13:35	07/17/13 23:53	1
Dichlorodifluoromethane	ND		4.5		ug/Kg		07/17/13 13:35	07/17/13 23:53	1
1,1-Dichloroethane	ND		1.8		ug/Kg		07/17/13 13:35	07/17/13 23:53	1
1,2-Dichloroethane	ND		1.8		ug/Kg		07/17/13 13:35	07/17/13 23:53	1
1,1-Dichloroethene	ND		4.5		ug/Kg		07/17/13 13:35	07/17/13 23:53	1
1,2-Dichloropropane	ND		1.8		ug/Kg		07/17/13 13:35	07/17/13 23:53	1
1,3-Dichloropropane	ND		1.8		ug/Kg		07/17/13 13:35	07/17/13 23:53	1
2,2-Dichloropropane	ND		1.8		ug/Kg		07/17/13 13:35	07/17/13 23:53	1
1,1-Dichloropropene	ND		1.8		ug/Kg		07/17/13 13:35	07/17/13 23:53	1
Ethylbenzene	ND		1.8		ug/Kg		07/17/13 13:35	07/17/13 23:53	1
Hexachlorobutadiene	ND		4.5		ug/Kg		07/17/13 13:35	07/17/13 23:53	1
Isopropylbenzene	ND		1.8		ug/Kg		07/17/13 13:35	07/17/13 23:53	1
Methylene Chloride	ND		18		ug/Kg		07/17/13 13:35	07/17/13 23:53	1
m,p-Xylene	ND		1.8		ug/Kg		07/17/13 13:35	07/17/13 23:53	1
Naphthalene	ND		4.5		ug/Kg		07/17/13 13:35	07/17/13 23:53	1
n-Butylbenzene	ND		4.5		ug/Kg		07/17/13 13:35	07/17/13 23:53	1
N-Propylbenzene	ND		1.8		ug/Kg		07/17/13 13:35	07/17/13 23:53	1
o-Xylene	ND		1.8		ug/Kg		07/17/13 13:35	07/17/13 23:53	1
p-Isopropyltoluene	ND		1.8		ug/Kg		07/17/13 13:35	07/17/13 23:53	1
sec-Butylbenzene	ND		4.5		ug/Kg		07/17/13 13:35	07/17/13 23:53	1
Styrene	ND		1.8		ug/Kg		07/17/13 13:35	07/17/13 23:53	1
tert-Butylbenzene	ND		4.5		ug/Kg		07/17/13 13:35	07/17/13 23:53	1
1,1,1,2-Tetrachloroethane	ND		4.5		ug/Kg		07/17/13 13:35	07/17/13 23:53	1
1,1,2,2-Tetrachloroethane	ND		1.8		ug/Kg		07/17/13 13:35	07/17/13 23:53	1
Tetrachloroethene	ND		1.8		ug/Kg		07/17/13 13:35	07/17/13 23:53	1
Toluene	ND		1.8		ug/Kg		07/17/13 13:35	07/17/13 23:53	1
trans-1,2-Dichloroethene	ND		1.8		ug/Kg		07/17/13 13:35	07/17/13 23:53	1
trans-1,3-Dichloropropene	ND		1.8		ug/Kg		07/17/13 13:35	07/17/13 23:53	1
1,2,3-Trichlorobenzene	ND		4.5		ug/Kg		07/17/13 13:35	07/17/13 23:53	1
1,2,4-Trichlorobenzene	ND		4.5		ug/Kg		07/17/13 13:35	07/17/13 23:53	1
1,1,1-Trichloroethane	ND		1.8		ug/Kg		07/17/13 13:35	07/17/13 23:53	1
1,1,2-Trichloroethane	ND		1.8		ug/Kg		07/17/13 13:35	07/17/13 23:53	1
Trichloroethene	**15**		1.8		ug/Kg		07/17/13 13:35	07/17/13 23:53	1
Trichlorofluoromethane	ND		4.5		ug/Kg		07/17/13 13:35	07/17/13 23:53	1
1,2,3-Trichloropropane	ND		8.9		ug/Kg		07/17/13 13:35	07/17/13 23:53	1

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Client Sample ID: EB-5-10

Lab Sample ID: 440-51810-12

Date Collected: 07/16/13 10:42
Matrix: Solid
Date Received: 07/16/13 18:05

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	ND		1.8		ug/Kg		07/17/13 13:35	07/17/13 23:53	1
1,3,5-Trimethylbenzene	ND		1.8		ug/Kg		07/17/13 13:35	07/17/13 23:53	1
Vinyl chloride	ND		4.5		ug/Kg		07/17/13 13:35	07/17/13 23:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*	*07/17/13 13:35*	*07/17/13 23:53*	*1*
Dibromofluoromethane (Surr)	*106*		*80 - 125*	*07/17/13 13:35*	*07/17/13 23:53*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*	*07/17/13 13:35*	*07/17/13 23:53*	*1*

Client Sample ID: EB-5-20

Lab Sample ID: 440-51810-14

Date Collected: 07/16/13 10:55
Matrix: Solid
Date Received: 07/16/13 18:05

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.6		ug/Kg		07/17/13 13:35	07/18/13 00:20	1
Bromobenzene	ND		4.0		ug/Kg		07/17/13 13:35	07/18/13 00:20	1
Bromochloromethane	ND		4.0		ug/Kg		07/17/13 13:35	07/18/13 00:20	1
Bromodichloromethane	ND		1.6		ug/Kg		07/17/13 13:35	07/18/13 00:20	1
Bromoform	ND		4.0		ug/Kg		07/17/13 13:35	07/18/13 00:20	1
Bromomethane	ND		4.0		ug/Kg		07/17/13 13:35	07/18/13 00:20	1
Carbon tetrachloride	ND		4.0		ug/Kg		07/17/13 13:35	07/18/13 00:20	1
Chlorobenzene	ND		1.6		ug/Kg		07/17/13 13:35	07/18/13 00:20	1
Chloroethane	ND		4.0		ug/Kg		07/17/13 13:35	07/18/13 00:20	1
Chloroform	ND		1.6		ug/Kg		07/17/13 13:35	07/18/13 00:20	1
Chloromethane	ND		4.0		ug/Kg		07/17/13 13:35	07/18/13 00:20	1
2-Chlorotoluene	ND		4.0		ug/Kg		07/17/13 13:35	07/18/13 00:20	1
4-Chlorotoluene	ND		4.0		ug/Kg		07/17/13 13:35	07/18/13 00:20	1
cis-1,2-Dichloroethene	ND		1.6		ug/Kg		07/17/13 13:35	07/18/13 00:20	1
cis-1,3-Dichloropropene	ND		1.6		ug/Kg		07/17/13 13:35	07/18/13 00:20	1
Dibromochloromethane	ND		1.6		ug/Kg		07/17/13 13:35	07/18/13 00:20	1
1,2-Dibromo-3-Chloropropane	ND		4.0		ug/Kg		07/17/13 13:35	07/18/13 00:20	1
1,2-Dibromoethane (EDB)	ND		1.6		ug/Kg		07/17/13 13:35	07/18/13 00:20	1
Dibromomethane	ND		1.6		ug/Kg		07/17/13 13:35	07/18/13 00:20	1
1,2-Dichlorobenzene	ND		1.6		ug/Kg		07/17/13 13:35	07/18/13 00:20	1
1,3-Dichlorobenzene	ND		1.6		ug/Kg		07/17/13 13:35	07/18/13 00:20	1
1,4-Dichlorobenzene	ND		1.6		ug/Kg		07/17/13 13:35	07/18/13 00:20	1
Dichlorodifluoromethane	ND		4.0		ug/Kg		07/17/13 13:35	07/18/13 00:20	1
1,1-Dichloroethane	ND		1.6		ug/Kg		07/17/13 13:35	07/18/13 00:20	1
1,2-Dichloroethane	ND		1.6		ug/Kg		07/17/13 13:35	07/18/13 00:20	1
1,1-Dichloroethene	ND		4.0		ug/Kg		07/17/13 13:35	07/18/13 00:20	1
1,2-Dichloropropane	ND		1.6		ug/Kg		07/17/13 13:35	07/18/13 00:20	1
1,3-Dichloropropane	ND		1.6		ug/Kg		07/17/13 13:35	07/18/13 00:20	1
2,2-Dichloropropane	ND		1.6		ug/Kg		07/17/13 13:35	07/18/13 00:20	1
1,1-Dichloropropene	ND		1.6		ug/Kg		07/17/13 13:35	07/18/13 00:20	1
Ethylbenzene	ND		1.6		ug/Kg		07/17/13 13:35	07/18/13 00:20	1
Hexachlorobutadiene	ND		4.0		ug/Kg		07/17/13 13:35	07/18/13 00:20	1
Isopropylbenzene	ND		1.6		ug/Kg		07/17/13 13:35	07/18/13 00:20	1
Methylene Chloride	ND		16		ug/Kg		07/17/13 13:35	07/18/13 00:20	1
m,p-Xylene	ND		1.6		ug/Kg		07/17/13 13:35	07/18/13 00:20	1

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Client Sample ID: EB-5-20

Lab Sample ID: 440-51810-14

Date Collected: 07/16/13 10:55

Matrix: Solid

Date Received: 07/16/13 18:05

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		4.0		ug/Kg		07/17/13 13:35	07/18/13 00:20	1
n-Butylbenzene	ND		4.0		ug/Kg		07/17/13 13:35	07/18/13 00:20	1
N-Propylbenzene	ND		1.6		ug/Kg		07/17/13 13:35	07/18/13 00:20	1
o-Xylene	ND		1.6		ug/Kg		07/17/13 13:35	07/18/13 00:20	1
p-Isopropyltoluene	ND		1.6		ug/Kg		07/17/13 13:35	07/18/13 00:20	1
sec-Butylbenzene	ND		4.0		ug/Kg		07/17/13 13:35	07/18/13 00:20	1
Styrene	ND		1.6		ug/Kg		07/17/13 13:35	07/18/13 00:20	1
tert-Butylbenzene	ND		4.0		ug/Kg		07/17/13 13:35	07/18/13 00:20	1
1,1,1,2-Tetrachloroethane	ND		4.0		ug/Kg		07/17/13 13:35	07/18/13 00:20	1
1,1,2,2-Tetrachloroethane	ND		1.6		ug/Kg		07/17/13 13:35	07/18/13 00:20	1
Tetrachloroethene	ND		1.6		ug/Kg		07/17/13 13:35	07/18/13 00:20	1
Toluene	ND		1.6		ug/Kg		07/17/13 13:35	07/18/13 00:20	1
trans-1,2-Dichloroethene	ND		1.6		ug/Kg		07/17/13 13:35	07/18/13 00:20	1
trans-1,3-Dichloropropene	ND		1.6		ug/Kg		07/17/13 13:35	07/18/13 00:20	1
1,2,3-Trichlorobenzene	ND		4.0		ug/Kg		07/17/13 13:35	07/18/13 00:20	1
1,2,4-Trichlorobenzene	ND		4.0		ug/Kg		07/17/13 13:35	07/18/13 00:20	1
1,1,1-Trichloroethane	ND		1.6		ug/Kg		07/17/13 13:35	07/18/13 00:20	1
1,1,2-Trichloroethane	ND		1.6		ug/Kg		07/17/13 13:35	07/18/13 00:20	1
Trichloroethene	**16**		1.6		ug/Kg		07/17/13 13:35	07/18/13 00:20	1
Trichlorofluoromethane	ND		4.0		ug/Kg		07/17/13 13:35	07/18/13 00:20	1
1,2,3-Trichloropropane	ND		8.0		ug/Kg		07/17/13 13:35	07/18/13 00:20	1
1,2,4-Trimethylbenzene	ND		1.6		ug/Kg		07/17/13 13:35	07/18/13 00:20	1
1,3,5-Trimethylbenzene	ND		1.6		ug/Kg		07/17/13 13:35	07/18/13 00:20	1
Vinyl chloride	ND		4.0		ug/Kg		07/17/13 13:35	07/18/13 00:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*	*07/17/13 13:35*	*07/18/13 00:20*	*1*
Dibromofluoromethane (Surr)	*113*		*80 - 125*	*07/17/13 13:35*	*07/18/13 00:20*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*	*07/17/13 13:35*	*07/18/13 00:20*	*1*

Client Sample ID: EB-5-30

Lab Sample ID: 440-51810-16

Date Collected: 07/16/13 11:07

Matrix: Solid

Date Received: 07/16/13 18:05

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.8		ug/Kg		07/17/13 13:35	07/18/13 00:47	1
Bromobenzene	ND		4.4		ug/Kg		07/17/13 13:35	07/18/13 00:47	1
Bromochloromethane	ND		4.4		ug/Kg		07/17/13 13:35	07/18/13 00:47	1
Bromodichloromethane	ND		1.8		ug/Kg		07/17/13 13:35	07/18/13 00:47	1
Bromoform	ND		4.4		ug/Kg		07/17/13 13:35	07/18/13 00:47	1
Bromomethane	ND		4.4		ug/Kg		07/17/13 13:35	07/18/13 00:47	1
Carbon tetrachloride	ND		4.4		ug/Kg		07/17/13 13:35	07/18/13 00:47	1
Chlorobenzene	ND		1.8		ug/Kg		07/17/13 13:35	07/18/13 00:47	1
Chloroethane	ND		4.4		ug/Kg		07/17/13 13:35	07/18/13 00:47	1
Chloroform	ND		1.8		ug/Kg		07/17/13 13:35	07/18/13 00:47	1
Chloromethane	ND		4.4		ug/Kg		07/17/13 13:35	07/18/13 00:47	1
2-Chlorotoluene	ND		4.4		ug/Kg		07/17/13 13:35	07/18/13 00:47	1
4-Chlorotoluene	ND		4.4		ug/Kg		07/17/13 13:35	07/18/13 00:47	1
cis-1,2-Dichloroethene	ND		1.8		ug/Kg		07/17/13 13:35	07/18/13 00:47	1

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Client Sample ID: EB-5-30
Date Collected: 07/16/13 11:07
Date Received: 07/16/13 18:05

Lab Sample ID: 440-51810-16
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		1.8		ug/Kg		07/17/13 13:35	07/18/13 00:47	1
Dibromochloromethane	ND		1.8		ug/Kg		07/17/13 13:35	07/18/13 00:47	1
1,2-Dibromo-3-Chloropropane	ND		4.4		ug/Kg		07/17/13 13:35	07/18/13 00:47	1
1,2-Dibromoethane (EDB)	ND		1.8		ug/Kg		07/17/13 13:35	07/18/13 00:47	1
Dibromomethane	ND		1.8		ug/Kg		07/17/13 13:35	07/18/13 00:47	1
1,2-Dichlorobenzene	ND		1.8		ug/Kg		07/17/13 13:35	07/18/13 00:47	1
1,3-Dichlorobenzene	ND		1.8		ug/Kg		07/17/13 13:35	07/18/13 00:47	1
1,4-Dichlorobenzene	ND		1.8		ug/Kg		07/17/13 13:35	07/18/13 00:47	1
Dichlorodifluoromethane	ND		4.4		ug/Kg		07/17/13 13:35	07/18/13 00:47	1
1,1-Dichloroethane	ND		1.8		ug/Kg		07/17/13 13:35	07/18/13 00:47	1
1,2-Dichloroethane	ND		1.8		ug/Kg		07/17/13 13:35	07/18/13 00:47	1
1,1-Dichloroethene	ND		4.4		ug/Kg		07/17/13 13:35	07/18/13 00:47	1
1,2-Dichloropropane	ND		1.8		ug/Kg		07/17/13 13:35	07/18/13 00:47	1
1,3-Dichloropropane	ND		1.8		ug/Kg		07/17/13 13:35	07/18/13 00:47	1
2,2-Dichloropropane	ND		1.8		ug/Kg		07/17/13 13:35	07/18/13 00:47	1
1,1-Dichloropropene	ND		1.8		ug/Kg		07/17/13 13:35	07/18/13 00:47	1
Ethylbenzene	ND		1.8		ug/Kg		07/17/13 13:35	07/18/13 00:47	1
Hexachlorobutadiene	ND		4.4		ug/Kg		07/17/13 13:35	07/18/13 00:47	1
Isopropylbenzene	ND		1.8		ug/Kg		07/17/13 13:35	07/18/13 00:47	1
Methylene Chloride	ND		18		ug/Kg		07/17/13 13:35	07/18/13 00:47	1
m,p-Xylene	ND		1.8		ug/Kg		07/17/13 13:35	07/18/13 00:47	1
Naphthalene	ND		4.4		ug/Kg		07/17/13 13:35	07/18/13 00:47	1
n-Butylbenzene	ND		4.4		ug/Kg		07/17/13 13:35	07/18/13 00:47	1
N-Propylbenzene	ND		1.8		ug/Kg		07/17/13 13:35	07/18/13 00:47	1
o-Xylene	ND		1.8		ug/Kg		07/17/13 13:35	07/18/13 00:47	1
p-Isopropyltoluene	ND		1.8		ug/Kg		07/17/13 13:35	07/18/13 00:47	1
sec-Butylbenzene	ND		4.4		ug/Kg		07/17/13 13:35	07/18/13 00:47	1
Styrene	ND		1.8		ug/Kg		07/17/13 13:35	07/18/13 00:47	1
tert-Butylbenzene	ND		4.4		ug/Kg		07/17/13 13:35	07/18/13 00:47	1
1,1,1,2-Tetrachloroethane	ND		4.4		ug/Kg		07/17/13 13:35	07/18/13 00:47	1
1,1,2,2-Tetrachloroethane	ND		1.8		ug/Kg		07/17/13 13:35	07/18/13 00:47	1
Tetrachloroethene	ND		1.8		ug/Kg		07/17/13 13:35	07/18/13 00:47	1
Toluene	ND		1.8		ug/Kg		07/17/13 13:35	07/18/13 00:47	1
trans-1,2-Dichloroethene	ND		1.8		ug/Kg		07/17/13 13:35	07/18/13 00:47	1
trans-1,3-Dichloropropene	ND		1.8		ug/Kg		07/17/13 13:35	07/18/13 00:47	1
1,2,3-Trichlorobenzene	ND		4.4		ug/Kg		07/17/13 13:35	07/18/13 00:47	1
1,2,4-Trichlorobenzene	ND		4.4		ug/Kg		07/17/13 13:35	07/18/13 00:47	1
1,1,1-Trichloroethane	ND		1.8		ug/Kg		07/17/13 13:35	07/18/13 00:47	1
1,1,2-Trichloroethane	ND		1.8		ug/Kg		07/17/13 13:35	07/18/13 00:47	1
Trichloroethene	ND		1.8		ug/Kg		07/17/13 13:35	07/18/13 00:47	1
Trichlorofluoromethane	ND		4.4		ug/Kg		07/17/13 13:35	07/18/13 00:47	1
1,2,3-Trichloropropane	ND		8.8		ug/Kg		07/17/13 13:35	07/18/13 00:47	1
1,2,4-Trimethylbenzene	ND		1.8		ug/Kg		07/17/13 13:35	07/18/13 00:47	1
1,3,5-Trimethylbenzene	ND		1.8		ug/Kg		07/17/13 13:35	07/18/13 00:47	1
Vinyl chloride	ND		4.4		ug/Kg		07/17/13 13:35	07/18/13 00:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*	*07/17/13 13:35*	*07/18/13 00:47*	*1*
Dibromofluoromethane (Surr)	*109*		*80 - 125*	*07/17/13 13:35*	*07/18/13 00:47*	*1*
Toluene-d8 (Surr)	*107*		*80 - 120*	*07/17/13 13:35*	*07/18/13 00:47*	*1*

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Client Sample ID: EB-5-40
Date Collected: 07/16/13 11:35
Date Received: 07/16/13 18:05

Lab Sample ID: 440-51810-18
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.2		ug/Kg		07/17/13 13:35	07/18/13 01:14	1
Bromobenzene	ND		5.5		ug/Kg		07/17/13 13:35	07/18/13 01:14	1
Bromochloromethane	ND		5.5		ug/Kg		07/17/13 13:35	07/18/13 01:14	1
Bromodichloromethane	ND		2.2		ug/Kg		07/17/13 13:35	07/18/13 01:14	1
Bromoform	ND		5.5		ug/Kg		07/17/13 13:35	07/18/13 01:14	1
Bromomethane	ND		5.5		ug/Kg		07/17/13 13:35	07/18/13 01:14	1
Carbon tetrachloride	ND		5.5		ug/Kg		07/17/13 13:35	07/18/13 01:14	1
Chlorobenzene	ND		2.2		ug/Kg		07/17/13 13:35	07/18/13 01:14	1
Chloroethane	ND		5.5		ug/Kg		07/17/13 13:35	07/18/13 01:14	1
Chloroform	ND		2.2		ug/Kg		07/17/13 13:35	07/18/13 01:14	1
Chloromethane	ND		5.5		ug/Kg		07/17/13 13:35	07/18/13 01:14	1
2-Chlorotoluene	ND		5.5		ug/Kg		07/17/13 13:35	07/18/13 01:14	1
4-Chlorotoluene	ND		5.5		ug/Kg		07/17/13 13:35	07/18/13 01:14	1
cis-1,2-Dichloroethene	ND		2.2		ug/Kg		07/17/13 13:35	07/18/13 01:14	1
cis-1,3-Dichloropropene	ND		2.2		ug/Kg		07/17/13 13:35	07/18/13 01:14	1
Dibromochloromethane	ND		2.2		ug/Kg		07/17/13 13:35	07/18/13 01:14	1
1,2-Dibromo-3-Chloropropane	ND		5.5		ug/Kg		07/17/13 13:35	07/18/13 01:14	1
1,2-Dibromoethane (EDB)	ND		2.2		ug/Kg		07/17/13 13:35	07/18/13 01:14	1
Dibromomethane	ND		2.2		ug/Kg		07/17/13 13:35	07/18/13 01:14	1
1,2-Dichlorobenzene	ND		2.2		ug/Kg		07/17/13 13:35	07/18/13 01:14	1
1,3-Dichlorobenzene	ND		2.2		ug/Kg		07/17/13 13:35	07/18/13 01:14	1
1,4-Dichlorobenzene	ND		2.2		ug/Kg		07/17/13 13:35	07/18/13 01:14	1
Dichlorodifluoromethane	ND		5.5		ug/Kg		07/17/13 13:35	07/18/13 01:14	1
1,1-Dichloroethane	ND		2.2		ug/Kg		07/17/13 13:35	07/18/13 01:14	1
1,2-Dichloroethane	ND		2.2		ug/Kg		07/17/13 13:35	07/18/13 01:14	1
1,1-Dichloroethene	ND		5.5		ug/Kg		07/17/13 13:35	07/18/13 01:14	1
1,2-Dichloropropane	ND		2.2		ug/Kg		07/17/13 13:35	07/18/13 01:14	1
1,3-Dichloropropane	ND		2.2		ug/Kg		07/17/13 13:35	07/18/13 01:14	1
2,2-Dichloropropane	ND		2.2		ug/Kg		07/17/13 13:35	07/18/13 01:14	1
1,1-Dichloropropene	ND		2.2		ug/Kg		07/17/13 13:35	07/18/13 01:14	1
Ethylbenzene	ND		2.2		ug/Kg		07/17/13 13:35	07/18/13 01:14	1
Hexachlorobutadiene	ND		5.5		ug/Kg		07/17/13 13:35	07/18/13 01:14	1
Isopropylbenzene	ND		2.2		ug/Kg		07/17/13 13:35	07/18/13 01:14	1
Methylene Chloride	ND		22		ug/Kg		07/17/13 13:35	07/18/13 01:14	1
m,p-Xylene	ND		2.2		ug/Kg		07/17/13 13:35	07/18/13 01:14	1
Naphthalene	ND		5.5		ug/Kg		07/17/13 13:35	07/18/13 01:14	1
n-Butylbenzene	ND		5.5		ug/Kg		07/17/13 13:35	07/18/13 01:14	1
N-Propylbenzene	ND		2.2		ug/Kg		07/17/13 13:35	07/18/13 01:14	1
o-Xylene	ND		2.2		ug/Kg		07/17/13 13:35	07/18/13 01:14	1
p-Isopropyltoluene	ND		2.2		ug/Kg		07/17/13 13:35	07/18/13 01:14	1
sec-Butylbenzene	ND		5.5		ug/Kg		07/17/13 13:35	07/18/13 01:14	1
Styrene	ND		2.2		ug/Kg		07/17/13 13:35	07/18/13 01:14	1
tert-Butylbenzene	ND		5.5		ug/Kg		07/17/13 13:35	07/18/13 01:14	1
1,1,1,2-Tetrachloroethane	ND		5.5		ug/Kg		07/17/13 13:35	07/18/13 01:14	1
1,1,2,2-Tetrachloroethane	ND		2.2		ug/Kg		07/17/13 13:35	07/18/13 01:14	1
Tetrachloroethene	ND		2.2		ug/Kg		07/17/13 13:35	07/18/13 01:14	1
Toluene	ND		2.2		ug/Kg		07/17/13 13:35	07/18/13 01:14	1
trans-1,2-Dichloroethene	ND		2.2		ug/Kg		07/17/13 13:35	07/18/13 01:14	1
trans-1,3-Dichloropropene	ND		2.2		ug/Kg		07/17/13 13:35	07/18/13 01:14	1

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Client Sample ID: EB-5-40

Lab Sample ID: 440-51810-18

Date Collected: 07/16/13 11:35
Date Received: 07/16/13 18:05

Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	ND		5.5		ug/Kg		07/17/13 13:35	07/18/13 01:14	1
1,2,4-Trichlorobenzene	ND		5.5		ug/Kg		07/17/13 13:35	07/18/13 01:14	1
1,1,1-Trichloroethane	ND		2.2		ug/Kg		07/17/13 13:35	07/18/13 01:14	1
1,1,2-Trichloroethane	ND		2.2		ug/Kg		07/17/13 13:35	07/18/13 01:14	1
Trichloroethene	ND		2.2		ug/Kg		07/17/13 13:35	07/18/13 01:14	1
Trichlorofluoromethane	ND		5.5		ug/Kg		07/17/13 13:35	07/18/13 01:14	1
1,2,3-Trichloropropane	ND		11		ug/Kg		07/17/13 13:35	07/18/13 01:14	1
1,2,4-Trimethylbenzene	ND		2.2		ug/Kg		07/17/13 13:35	07/18/13 01:14	1
1,3,5-Trimethylbenzene	ND		2.2		ug/Kg		07/17/13 13:35	07/18/13 01:14	1
Vinyl chloride	ND		5.5		ug/Kg		07/17/13 13:35	07/18/13 01:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*	*07/17/13 13:35*	*07/18/13 01:14*	*1*
Dibromofluoromethane (Surr)	*112*		*80 - 125*	*07/17/13 13:35*	*07/18/13 01:14*	*1*
Toluene-d8 (Surr)	*110*		*80 - 120*	*07/17/13 13:35*	*07/18/13 01:14*	*1*

Client Sample ID: EB-5-HP-45.5

Lab Sample ID: 440-51810-21

Date Collected: 07/16/13 12:25
Date Received: 07/16/13 18:05

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			07/18/13 02:46	1
Bromobenzene	ND		1.0		ug/L			07/18/13 02:46	1
Bromochloromethane	ND		1.0		ug/L			07/18/13 02:46	1
Bromodichloromethane	ND		1.0		ug/L			07/18/13 02:46	1
Bromoform	ND		1.0		ug/L			07/18/13 02:46	1
Bromomethane	ND		1.0		ug/L			07/18/13 02:46	1
Carbon tetrachloride	ND		0.50		ug/L			07/18/13 02:46	1
Chlorobenzene	ND		1.0		ug/L			07/18/13 02:46	1
Chloroethane	ND		1.0		ug/L			07/18/13 02:46	1
Chloroform	ND		1.0		ug/L			07/18/13 02:46	1
Chloromethane	ND		1.0		ug/L			07/18/13 02:46	1
2-Chlorotoluene	ND		1.0		ug/L			07/18/13 02:46	1
4-Chlorotoluene	ND		1.0		ug/L			07/18/13 02:46	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			07/18/13 02:46	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			07/18/13 02:46	1
Dibromochloromethane	ND		1.0		ug/L			07/18/13 02:46	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/L			07/18/13 02:46	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			07/18/13 02:46	1
Dibromomethane	ND		1.0		ug/L			07/18/13 02:46	1
1,2-Dichlorobenzene	ND		1.0		ug/L			07/18/13 02:46	1
1,3-Dichlorobenzene	ND		1.0		ug/L			07/18/13 02:46	1
1,4-Dichlorobenzene	ND		1.0		ug/L			07/18/13 02:46	1
Dichlorodifluoromethane	ND		5.0		ug/L			07/18/13 02:46	1
1,1-Dichloroethane	ND		1.0		ug/L			07/18/13 02:46	1
1,2-Dichloroethane	ND		0.50		ug/L			07/18/13 02:46	1
1,1-Dichloroethene	ND		1.0		ug/L			07/18/13 02:46	1
1,2-Dichloropropane	ND		1.0		ug/L			07/18/13 02:46	1
1,3-Dichloropropane	ND		1.0		ug/L			07/18/13 02:46	1

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Client Sample ID: EB-5-HP-45.5

Lab Sample ID: 440-51810-21

Date Collected: 07/16/13 12:25
Matrix: Water
Date Received: 07/16/13 18:05

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
2,2-Dichloropropane	ND		1.0		ug/L			07/18/13 02:46	1
1,1-Dichloropropene	ND		1.0		ug/L			07/18/13 02:46	1
Ethylbenzene	ND		1.0		ug/L			07/18/13 02:46	1
Hexachlorobutadiene	ND		1.0		ug/L			07/18/13 02:46	1
Isopropylbenzene	ND		1.0		ug/L			07/18/13 02:46	1
Methylene Chloride	ND		5.0		ug/L			07/18/13 02:46	1
m,p-Xylene	ND		1.0		ug/L			07/18/13 02:46	1
Naphthalene	ND		1.0		ug/L			07/18/13 02:46	1
n-Butylbenzene	ND		1.0		ug/L			07/18/13 02:46	1
N-Propylbenzene	ND		1.0		ug/L			07/18/13 02:46	1
o-Xylene	ND		1.0		ug/L			07/18/13 02:46	1
p-Isopropyltoluene	ND		1.0		ug/L			07/18/13 02:46	1
sec-Butylbenzene	ND		1.0		ug/L			07/18/13 02:46	1
Styrene	ND		1.0		ug/L			07/18/13 02:46	1
tert-Butylbenzene	ND		1.0		ug/L			07/18/13 02:46	1
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			07/18/13 02:46	1
1,1,2,2-Tetrachloroethane	ND		1.0		ug/L			07/18/13 02:46	1
Tetrachloroethene	**8.3**		1.0		ug/L			07/18/13 02:46	1
Toluene	ND		1.0		ug/L			07/18/13 02:46	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			07/18/13 02:46	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			07/18/13 02:46	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			07/18/13 02:46	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			07/18/13 02:46	1
1,1,1-Trichloroethane	ND		1.0		ug/L			07/18/13 02:46	1
1,1,2-Trichloroethane	ND		1.0		ug/L			07/18/13 02:46	1
Trichloroethene	**67**		1.0		ug/L			07/18/13 02:46	1
Trichlorofluoromethane	ND		1.0		ug/L			07/18/13 02:46	1
1,2,3-Trichloropropane	ND		1.0		ug/L			07/18/13 02:46	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			07/18/13 02:46	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			07/18/13 02:46	1
Vinyl chloride	ND		0.50		ug/L			07/18/13 02:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*80 - 120*		*07/18/13 02:46*	*1*
Dibromofluoromethane (Surr)	*107*		*80 - 120*		*07/18/13 02:46*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*07/18/13 02:46*	*1*

Client Sample ID: EB-9-5

Lab Sample ID: 440-51810-22

Date Collected: 07/16/13 13:57
Matrix: Solid
Date Received: 07/16/13 18:05

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.7		ug/Kg		07/17/13 13:35	07/18/13 01:41	1
Bromobenzene	ND		4.3		ug/Kg		07/17/13 13:35	07/18/13 01:41	1
Bromochloromethane	ND		4.3		ug/Kg		07/17/13 13:35	07/18/13 01:41	1
Bromodichloromethane	ND		1.7		ug/Kg		07/17/13 13:35	07/18/13 01:41	1
Bromoform	ND		4.3		ug/Kg		07/17/13 13:35	07/18/13 01:41	1
Bromomethane	ND		4.3		ug/Kg		07/17/13 13:35	07/18/13 01:41	1
Carbon tetrachloride	ND		4.3		ug/Kg		07/17/13 13:35	07/18/13 01:41	1

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Client Sample ID: EB-9-5
Date Collected: 07/16/13 13:57
Date Received: 07/16/13 18:05

Lab Sample ID: 440-51810-22
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		1.7		ug/Kg		07/17/13 13:35	07/18/13 01:41	1
Chloroethane	ND		4.3		ug/Kg		07/17/13 13:35	07/18/13 01:41	1
Chloroform	ND		1.7		ug/Kg		07/17/13 13:35	07/18/13 01:41	1
Chloromethane	ND		4.3		ug/Kg		07/17/13 13:35	07/18/13 01:41	1
2-Chlorotoluene	ND		4.3		ug/Kg		07/17/13 13:35	07/18/13 01:41	1
4-Chlorotoluene	ND		4.3		ug/Kg		07/17/13 13:35	07/18/13 01:41	1
cis-1,2-Dichloroethene	ND		1.7		ug/Kg		07/17/13 13:35	07/18/13 01:41	1
cis-1,3-Dichloropropene	ND		1.7		ug/Kg		07/17/13 13:35	07/18/13 01:41	1
Dibromochloromethane	ND		1.7		ug/Kg		07/17/13 13:35	07/18/13 01:41	1
1,2-Dibromo-3-Chloropropane	ND		4.3		ug/Kg		07/17/13 13:35	07/18/13 01:41	1
1,2-Dibromoethane (EDB)	ND		1.7		ug/Kg		07/17/13 13:35	07/18/13 01:41	1
Dibromomethane	ND		1.7		ug/Kg		07/17/13 13:35	07/18/13 01:41	1
1,2-Dichlorobenzene	ND		1.7		ug/Kg		07/17/13 13:35	07/18/13 01:41	1
1,3-Dichlorobenzene	ND		1.7		ug/Kg		07/17/13 13:35	07/18/13 01:41	1
1,4-Dichlorobenzene	ND		1.7		ug/Kg		07/17/13 13:35	07/18/13 01:41	1
Dichlorodifluoromethane	ND		4.3		ug/Kg		07/17/13 13:35	07/18/13 01:41	1
1,1-Dichloroethane	ND		1.7		ug/Kg		07/17/13 13:35	07/18/13 01:41	1
1,2-Dichloroethane	ND		1.7		ug/Kg		07/17/13 13:35	07/18/13 01:41	1
1,1-Dichloroethene	ND		4.3		ug/Kg		07/17/13 13:35	07/18/13 01:41	1
1,2-Dichloropropane	ND		1.7		ug/Kg		07/17/13 13:35	07/18/13 01:41	1
1,3-Dichloropropane	ND		1.7		ug/Kg		07/17/13 13:35	07/18/13 01:41	1
2,2-Dichloropropane	ND		1.7		ug/Kg		07/17/13 13:35	07/18/13 01:41	1
1,1-Dichloropropene	ND		1.7		ug/Kg		07/17/13 13:35	07/18/13 01:41	1
Ethylbenzene	ND		1.7		ug/Kg		07/17/13 13:35	07/18/13 01:41	1
Hexachlorobutadiene	ND		4.3		ug/Kg		07/17/13 13:35	07/18/13 01:41	1
Isopropylbenzene	ND		1.7		ug/Kg		07/17/13 13:35	07/18/13 01:41	1
Methylene Chloride	ND		17		ug/Kg		07/17/13 13:35	07/18/13 01:41	1
m,p-Xylene	ND		1.7		ug/Kg		07/17/13 13:35	07/18/13 01:41	1
Naphthalene	ND		4.3		ug/Kg		07/17/13 13:35	07/18/13 01:41	1
n-Butylbenzene	ND		4.3		ug/Kg		07/17/13 13:35	07/18/13 01:41	1
N-Propylbenzene	ND		1.7		ug/Kg		07/17/13 13:35	07/18/13 01:41	1
o-Xylene	ND		1.7		ug/Kg		07/17/13 13:35	07/18/13 01:41	1
p-Isopropyltoluene	ND		1.7		ug/Kg		07/17/13 13:35	07/18/13 01:41	1
sec-Butylbenzene	ND		4.3		ug/Kg		07/17/13 13:35	07/18/13 01:41	1
Styrene	ND		1.7		ug/Kg		07/17/13 13:35	07/18/13 01:41	1
tert-Butylbenzene	ND		4.3		ug/Kg		07/17/13 13:35	07/18/13 01:41	1
1,1,1,2-Tetrachloroethane	ND		4.3		ug/Kg		07/17/13 13:35	07/18/13 01:41	1
1,1,2,2-Tetrachloroethane	ND		1.7		ug/Kg		07/17/13 13:35	07/18/13 01:41	1
Tetrachloroethene	ND		1.7		ug/Kg		07/17/13 13:35	07/18/13 01:41	1
Toluene	ND		1.7		ug/Kg		07/17/13 13:35	07/18/13 01:41	1
trans-1,2-Dichloroethene	ND		1.7		ug/Kg		07/17/13 13:35	07/18/13 01:41	1
trans-1,3-Dichloropropene	ND		1.7		ug/Kg		07/17/13 13:35	07/18/13 01:41	1
1,2,3-Trichlorobenzene	ND		4.3		ug/Kg		07/17/13 13:35	07/18/13 01:41	1
1,2,4-Trichlorobenzene	ND		4.3		ug/Kg		07/17/13 13:35	07/18/13 01:41	1
1,1,1-Trichloroethane	ND		1.7		ug/Kg		07/17/13 13:35	07/18/13 01:41	1
1,1,2-Trichloroethane	ND		1.7		ug/Kg		07/17/13 13:35	07/18/13 01:41	1
Trichloroethene	ND		1.7		ug/Kg		07/17/13 13:35	07/18/13 01:41	1
Trichlorofluoromethane	ND		4.3		ug/Kg		07/17/13 13:35	07/18/13 01:41	1
1,2,3-Trichloropropane	ND		8.7		ug/Kg		07/17/13 13:35	07/18/13 01:41	1

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Client Sample ID: EB-9-5

Lab Sample ID: 440-51810-22

Date Collected: 07/16/13 13:57
Matrix: Solid
Date Received: 07/16/13 18:05

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	ND		1.7		ug/Kg		07/17/13 13:35	07/18/13 01:41	1
1,3,5-Trimethylbenzene	ND		1.7		ug/Kg		07/17/13 13:35	07/18/13 01:41	1
Vinyl chloride	ND		4.3		ug/Kg		07/17/13 13:35	07/18/13 01:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*	*07/17/13 13:35*	*07/18/13 01:41*	*1*
Dibromofluoromethane (Surr)	*110*		*80 - 125*	*07/17/13 13:35*	*07/18/13 01:41*	*1*
Toluene-d8 (Surr)	*110*		*80 - 120*	*07/17/13 13:35*	*07/18/13 01:41*	*1*

Client Sample ID: EB-9-10

Lab Sample ID: 440-51810-23

Date Collected: 07/16/13 14:08
Matrix: Solid
Date Received: 07/16/13 18:05

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.6		ug/Kg		07/17/13 13:35	07/18/13 18:26	1
Bromobenzene	ND		4.1		ug/Kg		07/17/13 13:35	07/18/13 18:26	1
Bromochloromethane	ND		4.1		ug/Kg		07/17/13 13:35	07/18/13 18:26	1
Bromodichloromethane	ND		1.6		ug/Kg		07/17/13 13:35	07/18/13 18:26	1
Bromoform	ND	*	4.1		ug/Kg		07/17/13 13:35	07/18/13 18:26	1
Bromomethane	ND		4.1		ug/Kg		07/17/13 13:35	07/18/13 18:26	1
Carbon tetrachloride	ND		4.1		ug/Kg		07/17/13 13:35	07/18/13 18:26	1
Chlorobenzene	ND		1.6		ug/Kg		07/17/13 13:35	07/18/13 18:26	1
Chloroethane	ND		4.1		ug/Kg		07/17/13 13:35	07/18/13 18:26	1
Chloroform	ND		1.6		ug/Kg		07/17/13 13:35	07/18/13 18:26	1
Chloromethane	ND		4.1		ug/Kg		07/17/13 13:35	07/18/13 18:26	1
2-Chlorotoluene	ND		4.1		ug/Kg		07/17/13 13:35	07/18/13 18:26	1
4-Chlorotoluene	ND		4.1		ug/Kg		07/17/13 13:35	07/18/13 18:26	1
cis-1,2-Dichloroethene	ND		1.6		ug/Kg		07/17/13 13:35	07/18/13 18:26	1
cis-1,3-Dichloropropene	ND		1.6		ug/Kg		07/17/13 13:35	07/18/13 18:26	1
Dibromochloromethane	ND		1.6		ug/Kg		07/17/13 13:35	07/18/13 18:26	1
1,2-Dibromo-3-Chloropropane	ND		4.1		ug/Kg		07/17/13 13:35	07/18/13 18:26	1
1,2-Dibromoethane (EDB)	ND	*	1.6		ug/Kg		07/17/13 13:35	07/18/13 18:26	1
Dibromomethane	ND		1.6		ug/Kg		07/17/13 13:35	07/18/13 18:26	1
1,2-Dichlorobenzene	ND		1.6		ug/Kg		07/17/13 13:35	07/18/13 18:26	1
1,3-Dichlorobenzene	ND		1.6		ug/Kg		07/17/13 13:35	07/18/13 18:26	1
1,4-Dichlorobenzene	ND		1.6		ug/Kg		07/17/13 13:35	07/18/13 18:26	1
Dichlorodifluoromethane	ND		4.1		ug/Kg		07/17/13 13:35	07/18/13 18:26	1
1,1-Dichloroethane	ND		1.6		ug/Kg		07/17/13 13:35	07/18/13 18:26	1
1,2-Dichloroethane	ND		1.6		ug/Kg		07/17/13 13:35	07/18/13 18:26	1
1,1-Dichloroethene	ND		4.1		ug/Kg		07/17/13 13:35	07/18/13 18:26	1
1,2-Dichloropropane	ND		1.6		ug/Kg		07/17/13 13:35	07/18/13 18:26	1
1,3-Dichloropropane	ND		1.6		ug/Kg		07/17/13 13:35	07/18/13 18:26	1
2,2-Dichloropropane	ND		1.6		ug/Kg		07/17/13 13:35	07/18/13 18:26	1
1,1-Dichloropropene	ND		1.6		ug/Kg		07/17/13 13:35	07/18/13 18:26	1
Ethylbenzene	ND		1.6		ug/Kg		07/17/13 13:35	07/18/13 18:26	1
Hexachlorobutadiene	ND		4.1		ug/Kg		07/17/13 13:35	07/18/13 18:26	1
Isopropylbenzene	ND		1.6		ug/Kg		07/17/13 13:35	07/18/13 18:26	1
Methylene Chloride	ND		16		ug/Kg		07/17/13 13:35	07/18/13 18:26	1
m,p-Xylene	ND		1.6		ug/Kg		07/17/13 13:35	07/18/13 18:26	1

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Client Sample ID: EB-9-10

Lab Sample ID: 440-51810-23

Date Collected: 07/16/13 14:08

Matrix: Solid

Date Received: 07/16/13 18:05

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		4.1		ug/Kg		07/17/13 13:35	07/18/13 18:26	1
n-Butylbenzene	ND		4.1		ug/Kg		07/17/13 13:35	07/18/13 18:26	1
N-Propylbenzene	ND		1.6		ug/Kg		07/17/13 13:35	07/18/13 18:26	1
o-Xylene	ND		1.6		ug/Kg		07/17/13 13:35	07/18/13 18:26	1
p-Isopropyltoluene	ND		1.6		ug/Kg		07/17/13 13:35	07/18/13 18:26	1
sec-Butylbenzene	ND		4.1		ug/Kg		07/17/13 13:35	07/18/13 18:26	1
Styrene	ND		1.6		ug/Kg		07/17/13 13:35	07/18/13 18:26	1
tert-Butylbenzene	ND		4.1		ug/Kg		07/17/13 13:35	07/18/13 18:26	1
1,1,1,2-Tetrachloroethane	ND	*	4.1		ug/Kg		07/17/13 13:35	07/18/13 18:26	1
1,1,2,2-Tetrachloroethane	ND		1.6		ug/Kg		07/17/13 13:35	07/18/13 18:26	1
Tetrachloroethene	ND		1.6		ug/Kg		07/17/13 13:35	07/18/13 18:26	1
Toluene	ND		1.6		ug/Kg		07/17/13 13:35	07/18/13 18:26	1
trans-1,2-Dichloroethene	ND		1.6		ug/Kg		07/17/13 13:35	07/18/13 18:26	1
trans-1,3-Dichloropropene	ND		1.6		ug/Kg		07/17/13 13:35	07/18/13 18:26	1
1,2,3-Trichlorobenzene	ND		4.1		ug/Kg		07/17/13 13:35	07/18/13 18:26	1
1,2,4-Trichlorobenzene	ND		4.1		ug/Kg		07/17/13 13:35	07/18/13 18:26	1
1,1,1-Trichloroethane	ND		1.6		ug/Kg		07/17/13 13:35	07/18/13 18:26	1
1,1,2-Trichloroethane	ND		1.6		ug/Kg		07/17/13 13:35	07/18/13 18:26	1
Trichloroethene	ND		1.6		ug/Kg		07/17/13 13:35	07/18/13 18:26	1
Trichlorofluoromethane	ND		4.1		ug/Kg		07/17/13 13:35	07/18/13 18:26	1
1,2,3-Trichloropropane	ND		8.1		ug/Kg		07/17/13 13:35	07/18/13 18:26	1
1,2,4-Trimethylbenzene	ND		1.6		ug/Kg		07/17/13 13:35	07/18/13 18:26	1
1,3,5-Trimethylbenzene	ND		1.6		ug/Kg		07/17/13 13:35	07/18/13 18:26	1
Vinyl chloride	ND		4.1		ug/Kg		07/17/13 13:35	07/18/13 18:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*80 - 120*	*07/17/13 13:35*	*07/18/13 18:26*	*1*
Dibromofluoromethane (Surr)	*138*	*X*	*80 - 125*	*07/17/13 13:35*	*07/18/13 18:26*	*1*
Toluene-d8 (Surr)	*120*		*80 - 120*	*07/17/13 13:35*	*07/18/13 18:26*	*1*

Client Sample ID: EB-9-20

Lab Sample ID: 440-51810-25

Date Collected: 07/16/13 14:20

Matrix: Solid

Date Received: 07/16/13 18:05

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.8		ug/Kg		07/17/13 13:35	07/19/13 12:07	1
Bromobenzene	ND		4.4		ug/Kg		07/17/13 13:35	07/19/13 12:07	1
Bromochloromethane	ND		4.4		ug/Kg		07/17/13 13:35	07/19/13 12:07	1
Bromodichloromethane	ND		1.8		ug/Kg		07/17/13 13:35	07/19/13 12:07	1
Bromoform	ND		4.4		ug/Kg		07/17/13 13:35	07/19/13 12:07	1
Bromomethane	ND		4.4		ug/Kg		07/17/13 13:35	07/19/13 12:07	1
Carbon tetrachloride	ND		4.4		ug/Kg		07/17/13 13:35	07/19/13 12:07	1
Chlorobenzene	ND		1.8		ug/Kg		07/17/13 13:35	07/19/13 12:07	1
Chloroethane	ND		4.4		ug/Kg		07/17/13 13:35	07/19/13 12:07	1
Chloroform	ND		1.8		ug/Kg		07/17/13 13:35	07/19/13 12:07	1
Chloromethane	ND		4.4		ug/Kg		07/17/13 13:35	07/19/13 12:07	1
2-Chlorotoluene	ND		4.4		ug/Kg		07/17/13 13:35	07/19/13 12:07	1
4-Chlorotoluene	ND		4.4		ug/Kg		07/17/13 13:35	07/19/13 12:07	1
cis-1,2-Dichloroethene	ND		1.8		ug/Kg		07/17/13 13:35	07/19/13 12:07	1

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Client Sample ID: EB-9-20
Date Collected: 07/16/13 14:20
Date Received: 07/16/13 18:05

Lab Sample ID: 440-51810-25
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		1.8		ug/Kg		07/17/13 13:35	07/19/13 12:07	1
Dibromochloromethane	ND		1.8		ug/Kg		07/17/13 13:35	07/19/13 12:07	1
1,2-Dibromo-3-Chloropropane	ND		4.4		ug/Kg		07/17/13 13:35	07/19/13 12:07	1
1,2-Dibromoethane (EDB)	ND		1.8		ug/Kg		07/17/13 13:35	07/19/13 12:07	1
Dibromomethane	ND		1.8		ug/Kg		07/17/13 13:35	07/19/13 12:07	1
1,2-Dichlorobenzene	ND		1.8		ug/Kg		07/17/13 13:35	07/19/13 12:07	1
1,3-Dichlorobenzene	ND		1.8		ug/Kg		07/17/13 13:35	07/19/13 12:07	1
1,4-Dichlorobenzene	ND		1.8		ug/Kg		07/17/13 13:35	07/19/13 12:07	1
Dichlorodifluoromethane	ND		4.4		ug/Kg		07/17/13 13:35	07/19/13 12:07	1
1,1-Dichloroethane	ND		1.8		ug/Kg		07/17/13 13:35	07/19/13 12:07	1
1,2-Dichloroethane	ND		1.8		ug/Kg		07/17/13 13:35	07/19/13 12:07	1
1,1-Dichloroethene	ND		4.4		ug/Kg		07/17/13 13:35	07/19/13 12:07	1
1,2-Dichloropropane	ND		1.8		ug/Kg		07/17/13 13:35	07/19/13 12:07	1
1,3-Dichloropropane	ND		1.8		ug/Kg		07/17/13 13:35	07/19/13 12:07	1
2,2-Dichloropropane	ND		1.8		ug/Kg		07/17/13 13:35	07/19/13 12:07	1
1,1-Dichloropropene	ND		1.8		ug/Kg		07/17/13 13:35	07/19/13 12:07	1
Ethylbenzene	ND		1.8		ug/Kg		07/17/13 13:35	07/19/13 12:07	1
Hexachlorobutadiene	ND		4.4		ug/Kg		07/17/13 13:35	07/19/13 12:07	1
Isopropylbenzene	ND		1.8		ug/Kg		07/17/13 13:35	07/19/13 12:07	1
Methylene Chloride	ND		18		ug/Kg		07/17/13 13:35	07/19/13 12:07	1
m,p-Xylene	ND		1.8		ug/Kg		07/17/13 13:35	07/19/13 12:07	1
Naphthalene	ND		4.4		ug/Kg		07/17/13 13:35	07/19/13 12:07	1
n-Butylbenzene	ND		4.4		ug/Kg		07/17/13 13:35	07/19/13 12:07	1
N-Propylbenzene	ND		1.8		ug/Kg		07/17/13 13:35	07/19/13 12:07	1
o-Xylene	ND		1.8		ug/Kg		07/17/13 13:35	07/19/13 12:07	1
p-Isopropyltoluene	ND		1.8		ug/Kg		07/17/13 13:35	07/19/13 12:07	1
sec-Butylbenzene	ND		4.4		ug/Kg		07/17/13 13:35	07/19/13 12:07	1
Styrene	ND		1.8		ug/Kg		07/17/13 13:35	07/19/13 12:07	1
tert-Butylbenzene	ND		4.4		ug/Kg		07/17/13 13:35	07/19/13 12:07	1
1,1,1,2-Tetrachloroethane	ND		4.4		ug/Kg		07/17/13 13:35	07/19/13 12:07	1
1,1,2,2-Tetrachloroethane	ND		1.8		ug/Kg		07/17/13 13:35	07/19/13 12:07	1
Tetrachloroethene	**6.6**		1.8		ug/Kg		07/17/13 13:35	07/19/13 12:07	1
Toluene	ND		1.8		ug/Kg		07/17/13 13:35	07/19/13 12:07	1
trans-1,2-Dichloroethene	ND		1.8		ug/Kg		07/17/13 13:35	07/19/13 12:07	1
trans-1,3-Dichloropropene	ND		1.8		ug/Kg		07/17/13 13:35	07/19/13 12:07	1
1,2,3-Trichlorobenzene	ND		4.4		ug/Kg		07/17/13 13:35	07/19/13 12:07	1
1,2,4-Trichlorobenzene	ND		4.4		ug/Kg		07/17/13 13:35	07/19/13 12:07	1
1,1,1-Trichloroethane	ND		1.8		ug/Kg		07/17/13 13:35	07/19/13 12:07	1
1,1,2-Trichloroethane	ND		1.8		ug/Kg		07/17/13 13:35	07/19/13 12:07	1
Trichloroethene	**42**		1.8		ug/Kg		07/17/13 13:35	07/19/13 12:07	1
Trichlorofluoromethane	ND		4.4		ug/Kg		07/17/13 13:35	07/19/13 12:07	1
1,2,3-Trichloropropane	ND		8.8		ug/Kg		07/17/13 13:35	07/19/13 12:07	1
1,2,4-Trimethylbenzene	ND		1.8		ug/Kg		07/17/13 13:35	07/19/13 12:07	1
1,3,5-Trimethylbenzene	ND		1.8		ug/Kg		07/17/13 13:35	07/19/13 12:07	1
Vinyl chloride	ND		4.4		ug/Kg		07/17/13 13:35	07/19/13 12:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*80 - 120*	*07/17/13 13:35*	*07/19/13 12:07*	*1*
Dibromofluoromethane (Surr)	*99*		*80 - 125*	*07/17/13 13:35*	*07/19/13 12:07*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*	*07/17/13 13:35*	*07/19/13 12:07*	*1*

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Client Sample ID: EB-9-30
Date Collected: 07/16/13 14:35
Date Received: 07/16/13 18:05

Lab Sample ID: 440-51810-27
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.8		ug/Kg		07/17/13 13:35	07/19/13 12:34	1
Bromobenzene	ND		4.5		ug/Kg		07/17/13 13:35	07/19/13 12:34	1
Bromochloromethane	ND		4.5		ug/Kg		07/17/13 13:35	07/19/13 12:34	1
Bromodichloromethane	ND		1.8		ug/Kg		07/17/13 13:35	07/19/13 12:34	1
Bromoform	ND		4.5		ug/Kg		07/17/13 13:35	07/19/13 12:34	1
Bromomethane	ND		4.5		ug/Kg		07/17/13 13:35	07/19/13 12:34	1
Carbon tetrachloride	ND		4.5		ug/Kg		07/17/13 13:35	07/19/13 12:34	1
Chlorobenzene	ND		1.8		ug/Kg		07/17/13 13:35	07/19/13 12:34	1
Chloroethane	ND		4.5		ug/Kg		07/17/13 13:35	07/19/13 12:34	1
Chloroform	ND		1.8		ug/Kg		07/17/13 13:35	07/19/13 12:34	1
Chloromethane	ND		4.5		ug/Kg		07/17/13 13:35	07/19/13 12:34	1
2-Chlorotoluene	ND		4.5		ug/Kg		07/17/13 13:35	07/19/13 12:34	1
4-Chlorotoluene	ND		4.5		ug/Kg		07/17/13 13:35	07/19/13 12:34	1
cis-1,2-Dichloroethene	ND		1.8		ug/Kg		07/17/13 13:35	07/19/13 12:34	1
cis-1,3-Dichloropropene	ND		1.8		ug/Kg		07/17/13 13:35	07/19/13 12:34	1
Dibromochloromethane	ND		1.8		ug/Kg		07/17/13 13:35	07/19/13 12:34	1
1,2-Dibromo-3-Chloropropane	ND		4.5		ug/Kg		07/17/13 13:35	07/19/13 12:34	1
1,2-Dibromoethane (EDB)	ND		1.8		ug/Kg		07/17/13 13:35	07/19/13 12:34	1
Dibromomethane	ND		1.8		ug/Kg		07/17/13 13:35	07/19/13 12:34	1
1,2-Dichlorobenzene	ND		1.8		ug/Kg		07/17/13 13:35	07/19/13 12:34	1
1,3-Dichlorobenzene	ND		1.8		ug/Kg		07/17/13 13:35	07/19/13 12:34	1
1,4-Dichlorobenzene	ND		1.8		ug/Kg		07/17/13 13:35	07/19/13 12:34	1
Dichlorodifluoromethane	ND		4.5		ug/Kg		07/17/13 13:35	07/19/13 12:34	1
1,1-Dichloroethane	ND		1.8		ug/Kg		07/17/13 13:35	07/19/13 12:34	1
1,2-Dichloroethane	ND		1.8		ug/Kg		07/17/13 13:35	07/19/13 12:34	1
1,1-Dichloroethene	ND		4.5		ug/Kg		07/17/13 13:35	07/19/13 12:34	1
1,2-Dichloropropane	ND		1.8		ug/Kg		07/17/13 13:35	07/19/13 12:34	1
1,3-Dichloropropane	ND		1.8		ug/Kg		07/17/13 13:35	07/19/13 12:34	1
2,2-Dichloropropane	ND		1.8		ug/Kg		07/17/13 13:35	07/19/13 12:34	1
1,1-Dichloropropene	ND		1.8		ug/Kg		07/17/13 13:35	07/19/13 12:34	1
Ethylbenzene	ND		1.8		ug/Kg		07/17/13 13:35	07/19/13 12:34	1
Hexachlorobutadiene	ND		4.5		ug/Kg		07/17/13 13:35	07/19/13 12:34	1
Isopropylbenzene	ND		1.8		ug/Kg		07/17/13 13:35	07/19/13 12:34	1
Methylene Chloride	ND		18		ug/Kg		07/17/13 13:35	07/19/13 12:34	1
m,p-Xylene	ND		1.8		ug/Kg		07/17/13 13:35	07/19/13 12:34	1
Naphthalene	ND		4.5		ug/Kg		07/17/13 13:35	07/19/13 12:34	1
n-Butylbenzene	ND		4.5		ug/Kg		07/17/13 13:35	07/19/13 12:34	1
N-Propylbenzene	ND		1.8		ug/Kg		07/17/13 13:35	07/19/13 12:34	1
o-Xylene	ND		1.8		ug/Kg		07/17/13 13:35	07/19/13 12:34	1
p-Isopropyltoluene	ND		1.8		ug/Kg		07/17/13 13:35	07/19/13 12:34	1
sec-Butylbenzene	ND		4.5		ug/Kg		07/17/13 13:35	07/19/13 12:34	1
Styrene	ND		1.8		ug/Kg		07/17/13 13:35	07/19/13 12:34	1
tert-Butylbenzene	ND		4.5		ug/Kg		07/17/13 13:35	07/19/13 12:34	1
1,1,1,2-Tetrachloroethane	ND		4.5		ug/Kg		07/17/13 13:35	07/19/13 12:34	1
1,1,2,2-Tetrachloroethane	ND		1.8		ug/Kg		07/17/13 13:35	07/19/13 12:34	1
Tetrachloroethene	ND		1.8		ug/Kg		07/17/13 13:35	07/19/13 12:34	1
Toluene	ND		1.8		ug/Kg		07/17/13 13:35	07/19/13 12:34	1
trans-1,2-Dichloroethene	ND		1.8		ug/Kg		07/17/13 13:35	07/19/13 12:34	1
trans-1,3-Dichloropropene	ND		1.8		ug/Kg		07/17/13 13:35	07/19/13 12:34	1

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Client Sample ID: EB-9-30

Date Collected: 07/16/13 14:35
Date Received: 07/16/13 18:05

Lab Sample ID: 440-51810-27
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	ND		4.5		ug/Kg		07/17/13 13:35	07/19/13 12:34	1
1,2,4-Trichlorobenzene	ND		4.5		ug/Kg		07/17/13 13:35	07/19/13 12:34	1
1,1,1-Trichloroethane	ND		1.8		ug/Kg		07/17/13 13:35	07/19/13 12:34	1
1,1,2-Trichloroethane	ND		1.8		ug/Kg		07/17/13 13:35	07/19/13 12:34	1
Trichloroethene	**3.8**		1.8		ug/Kg		07/17/13 13:35	07/19/13 12:34	1
Trichlorofluoromethane	ND		4.5		ug/Kg		07/17/13 13:35	07/19/13 12:34	1
1,2,3-Trichloropropane	ND		9.1		ug/Kg		07/17/13 13:35	07/19/13 12:34	1
1,2,4-Trimethylbenzene	ND		1.8		ug/Kg		07/17/13 13:35	07/19/13 12:34	1
1,3,5-Trimethylbenzene	ND		1.8		ug/Kg		07/17/13 13:35	07/19/13 12:34	1
Vinyl chloride	ND		4.5		ug/Kg		07/17/13 13:35	07/19/13 12:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*80 - 120*	*07/17/13 13:35*	*07/19/13 12:34*	*1*
Dibromofluoromethane (Surr)	*104*		*80 - 125*	*07/17/13 13:35*	*07/19/13 12:34*	*1*
Toluene-d8 (Surr)	*107*		*80 - 120*	*07/17/13 13:35*	*07/19/13 12:34*	*1*

Client Sample ID: EB-9-40

Date Collected: 07/16/13 15:15
Date Received: 07/16/13 18:05

Lab Sample ID: 440-51810-29
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.2		ug/Kg		07/17/13 13:35	07/19/13 13:01	1
Bromobenzene	ND		5.6		ug/Kg		07/17/13 13:35	07/19/13 13:01	1
Bromochloromethane	ND		5.6		ug/Kg		07/17/13 13:35	07/19/13 13:01	1
Bromodichloromethane	ND		2.2		ug/Kg		07/17/13 13:35	07/19/13 13:01	1
Bromoform	ND		5.6		ug/Kg		07/17/13 13:35	07/19/13 13:01	1
Bromomethane	ND		5.6		ug/Kg		07/17/13 13:35	07/19/13 13:01	1
Carbon tetrachloride	ND		5.6		ug/Kg		07/17/13 13:35	07/19/13 13:01	1
Chlorobenzene	ND		2.2		ug/Kg		07/17/13 13:35	07/19/13 13:01	1
Chloroethane	ND		5.6		ug/Kg		07/17/13 13:35	07/19/13 13:01	1
Chloroform	ND		2.2		ug/Kg		07/17/13 13:35	07/19/13 13:01	1
Chloromethane	ND		5.6		ug/Kg		07/17/13 13:35	07/19/13 13:01	1
2-Chlorotoluene	ND		5.6		ug/Kg		07/17/13 13:35	07/19/13 13:01	1
4-Chlorotoluene	ND		5.6		ug/Kg		07/17/13 13:35	07/19/13 13:01	1
cis-1,2-Dichloroethene	ND		2.2		ug/Kg		07/17/13 13:35	07/19/13 13:01	1
cis-1,3-Dichloropropene	ND		2.2		ug/Kg		07/17/13 13:35	07/19/13 13:01	1
Dibromochloromethane	ND		2.2		ug/Kg		07/17/13 13:35	07/19/13 13:01	1
1,2-Dibromo-3-Chloropropane	ND		5.6		ug/Kg		07/17/13 13:35	07/19/13 13:01	1
1,2-Dibromoethane (EDB)	ND		2.2		ug/Kg		07/17/13 13:35	07/19/13 13:01	1
Dibromomethane	ND		2.2		ug/Kg		07/17/13 13:35	07/19/13 13:01	1
1,2-Dichlorobenzene	ND		2.2		ug/Kg		07/17/13 13:35	07/19/13 13:01	1
1,3-Dichlorobenzene	ND		2.2		ug/Kg		07/17/13 13:35	07/19/13 13:01	1
1,4-Dichlorobenzene	ND		2.2		ug/Kg		07/17/13 13:35	07/19/13 13:01	1
Dichlorodifluoromethane	ND		5.6		ug/Kg		07/17/13 13:35	07/19/13 13:01	1
1,1-Dichloroethane	ND		2.2		ug/Kg		07/17/13 13:35	07/19/13 13:01	1
1,2-Dichloroethane	ND		2.2		ug/Kg		07/17/13 13:35	07/19/13 13:01	1
1,1-Dichloroethene	ND		5.6		ug/Kg		07/17/13 13:35	07/19/13 13:01	1
1,2-Dichloropropane	ND		2.2		ug/Kg		07/17/13 13:35	07/19/13 13:01	1
1,3-Dichloropropane	ND		2.2		ug/Kg		07/17/13 13:35	07/19/13 13:01	1

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Client Sample ID: EB-9-40

Lab Sample ID: 440-51810-29

Date Collected: 07/16/13 15:15
Matrix: Solid
Date Received: 07/16/13 18:05

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
2,2-Dichloropropane	ND		2.2		ug/Kg		07/17/13 13:35	07/19/13 13:01	1
1,1-Dichloropropene	ND		2.2		ug/Kg		07/17/13 13:35	07/19/13 13:01	1
Ethylbenzene	ND		2.2		ug/Kg		07/17/13 13:35	07/19/13 13:01	1
Hexachlorobutadiene	ND		5.6		ug/Kg		07/17/13 13:35	07/19/13 13:01	1
Isopropylbenzene	ND		2.2		ug/Kg		07/17/13 13:35	07/19/13 13:01	1
Methylene Chloride	ND		22		ug/Kg		07/17/13 13:35	07/19/13 13:01	1
m,p-Xylene	ND		2.2		ug/Kg		07/17/13 13:35	07/19/13 13:01	1
Naphthalene	ND		5.6		ug/Kg		07/17/13 13:35	07/19/13 13:01	1
n-Butylbenzene	ND		5.6		ug/Kg		07/17/13 13:35	07/19/13 13:01	1
N-Propylbenzene	ND		2.2		ug/Kg		07/17/13 13:35	07/19/13 13:01	1
o-Xylene	ND		2.2		ug/Kg		07/17/13 13:35	07/19/13 13:01	1
p-Isopropyltoluene	ND		2.2		ug/Kg		07/17/13 13:35	07/19/13 13:01	1
sec-Butylbenzene	ND		5.6		ug/Kg		07/17/13 13:35	07/19/13 13:01	1
Styrene	ND		2.2		ug/Kg		07/17/13 13:35	07/19/13 13:01	1
tert-Butylbenzene	ND		5.6		ug/Kg		07/17/13 13:35	07/19/13 13:01	1
1,1,1,2-Tetrachloroethane	ND		5.6		ug/Kg		07/17/13 13:35	07/19/13 13:01	1
1,1,2,2-Tetrachloroethane	ND		2.2		ug/Kg		07/17/13 13:35	07/19/13 13:01	1
Tetrachloroethene	ND		2.2		ug/Kg		07/17/13 13:35	07/19/13 13:01	1
Toluene	ND		2.2		ug/Kg		07/17/13 13:35	07/19/13 13:01	1
trans-1,2-Dichloroethene	ND		2.2		ug/Kg		07/17/13 13:35	07/19/13 13:01	1
trans-1,3-Dichloropropene	ND		2.2		ug/Kg		07/17/13 13:35	07/19/13 13:01	1
1,2,3-Trichlorobenzene	ND		5.6		ug/Kg		07/17/13 13:35	07/19/13 13:01	1
1,2,4-Trichlorobenzene	ND		5.6		ug/Kg		07/17/13 13:35	07/19/13 13:01	1
1,1,1-Trichloroethane	ND		2.2		ug/Kg		07/17/13 13:35	07/19/13 13:01	1
1,1,2-Trichloroethane	ND		2.2		ug/Kg		07/17/13 13:35	07/19/13 13:01	1
Trichloroethene	ND		2.2		ug/Kg		07/17/13 13:35	07/19/13 13:01	1
Trichlorofluoromethane	ND		5.6		ug/Kg		07/17/13 13:35	07/19/13 13:01	1
1,2,3-Trichloropropane	ND		11		ug/Kg		07/17/13 13:35	07/19/13 13:01	1
1,2,4-Trimethylbenzene	ND		2.2		ug/Kg		07/17/13 13:35	07/19/13 13:01	1
1,3,5-Trimethylbenzene	ND		2.2		ug/Kg		07/17/13 13:35	07/19/13 13:01	1
Vinyl chloride	ND		5.6		ug/Kg		07/17/13 13:35	07/19/13 13:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*80 - 120*	*07/17/13 13:35*	*07/19/13 13:01*	*1*
Dibromofluoromethane (Surr)	*102*		*80 - 125*	*07/17/13 13:35*	*07/19/13 13:01*	*1*
Toluene-d8 (Surr)	*108*		*80 - 120*	*07/17/13 13:35*	*07/19/13 13:01*	*1*

Client Sample ID: EB-9-HP-43.2

Lab Sample ID: 440-51810-32

Date Collected: 07/16/13 16:05
Matrix: Water
Date Received: 07/16/13 18:05

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			07/19/13 17:29	4
Bromobenzene	ND		4.0		ug/L			07/19/13 17:29	4
Bromochloromethane	ND		4.0		ug/L			07/19/13 17:29	4
Bromodichloromethane	ND		4.0		ug/L			07/19/13 17:29	4
Bromoform	ND		4.0		ug/L			07/19/13 17:29	4
Bromomethane	ND		4.0		ug/L			07/19/13 17:29	4
Carbon tetrachloride	ND		2.0		ug/L			07/19/13 17:29	4

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Client Sample ID: EB-9-HP-43.2
Date Collected: 07/16/13 16:05
Date Received: 07/16/13 18:05

Lab Sample ID: 440-51810-32
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		4.0		ug/L			07/19/13 17:29	4
Chloroethane	ND		4.0		ug/L			07/19/13 17:29	4
Chloroform	ND		4.0		ug/L			07/19/13 17:29	4
Chloromethane	ND		4.0		ug/L			07/19/13 17:29	4
2-Chlorotoluene	ND		4.0		ug/L			07/19/13 17:29	4
4-Chlorotoluene	ND		4.0		ug/L			07/19/13 17:29	4
cis-1,2-Dichloroethene	**5.4**		4.0		ug/L			07/19/13 17:29	4
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/19/13 17:29	4
Dibromochloromethane	ND		4.0		ug/L			07/19/13 17:29	4
1,2-Dibromo-3-Chloropropane	ND		20		ug/L			07/19/13 17:29	4
1,2-Dibromoethane (EDB)	ND		4.0		ug/L			07/19/13 17:29	4
Dibromomethane	ND		4.0		ug/L			07/19/13 17:29	4
1,2-Dichlorobenzene	ND		4.0		ug/L			07/19/13 17:29	4
1,3-Dichlorobenzene	ND		4.0		ug/L			07/19/13 17:29	4
1,4-Dichlorobenzene	ND		4.0		ug/L			07/19/13 17:29	4
Dichlorodifluoromethane	ND		20		ug/L			07/19/13 17:29	4
1,1-Dichloroethane	ND		4.0		ug/L			07/19/13 17:29	4
1,2-Dichloroethane	ND		2.0		ug/L			07/19/13 17:29	4
1,1-Dichloroethene	ND		4.0		ug/L			07/19/13 17:29	4
1,2-Dichloropropane	ND		4.0		ug/L			07/19/13 17:29	4
1,3-Dichloropropane	ND		4.0		ug/L			07/19/13 17:29	4
2,2-Dichloropropane	ND		4.0		ug/L			07/19/13 17:29	4
1,1-Dichloropropene	ND		4.0		ug/L			07/19/13 17:29	4
Ethylbenzene	ND		4.0		ug/L			07/19/13 17:29	4
Hexachlorobutadiene	ND		4.0		ug/L			07/19/13 17:29	4
Isopropylbenzene	ND		4.0		ug/L			07/19/13 17:29	4
Methylene Chloride	ND		20		ug/L			07/19/13 17:29	4
m,p-Xylene	ND		4.0		ug/L			07/19/13 17:29	4
Naphthalene	ND		4.0		ug/L			07/19/13 17:29	4
n-Butylbenzene	ND		4.0		ug/L			07/19/13 17:29	4
N-Propylbenzene	ND		4.0		ug/L			07/19/13 17:29	4
o-Xylene	ND		4.0		ug/L			07/19/13 17:29	4
p-Isopropyltoluene	ND		4.0		ug/L			07/19/13 17:29	4
sec-Butylbenzene	ND		4.0		ug/L			07/19/13 17:29	4
Styrene	ND		4.0		ug/L			07/19/13 17:29	4
tert-Butylbenzene	ND		4.0		ug/L			07/19/13 17:29	4
1,1,1,2-Tetrachloroethane	ND		4.0		ug/L			07/19/13 17:29	4
1,1,2,2-Tetrachloroethane	ND		4.0		ug/L			07/19/13 17:29	4
Tetrachloroethene	**76**		4.0		ug/L			07/19/13 17:29	4
Toluene	ND		4.0		ug/L			07/19/13 17:29	4
trans-1,2-Dichloroethene	ND		4.0		ug/L			07/19/13 17:29	4
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/19/13 17:29	4
1,2,3-Trichlorobenzene	ND		4.0		ug/L			07/19/13 17:29	4
1,2,4-Trichlorobenzene	ND		4.0		ug/L			07/19/13 17:29	4
1,1,1-Trichloroethane	ND		4.0		ug/L			07/19/13 17:29	4
1,1,2-Trichloroethane	ND		4.0		ug/L			07/19/13 17:29	4
Trichloroethene	**510**		4.0		ug/L			07/19/13 17:29	4
Trichlorofluoromethane	ND		4.0		ug/L			07/19/13 17:29	4
1,2,3-Trichloropropane	ND		4.0		ug/L			07/19/13 17:29	4

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Client Sample ID: EB-9-HP-43.2

Lab Sample ID: 440-51810-32

Date Collected: 07/16/13 16:05
Matrix: Water
Date Received: 07/16/13 18:05

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	ND		4.0		ug/L			07/19/13 17:29	4
1,3,5-Trimethylbenzene	ND		4.0		ug/L			07/19/13 17:29	4
Vinyl chloride	ND		2.0		ug/L			07/19/13 17:29	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*80 - 120*		*07/19/13 17:29*	*4*
Dibromofluoromethane (Surr)	*103*		*80 - 120*		*07/19/13 17:29*	*4*
Toluene-d8 (Surr)	*106*		*80 - 120*		*07/19/13 17:29*	*4*

Client Sample ID: TB-071613

Lab Sample ID: 440-51810-33

Date Collected: 07/16/13 08:00
Matrix: Water
Date Received: 07/16/13 18:05

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			07/18/13 03:44	1
Bromobenzene	ND		1.0		ug/L			07/18/13 03:44	1
Bromochloromethane	ND		1.0		ug/L			07/18/13 03:44	1
Bromodichloromethane	ND		1.0		ug/L			07/18/13 03:44	1
Bromoform	ND		1.0		ug/L			07/18/13 03:44	1
Bromomethane	ND		1.0		ug/L			07/18/13 03:44	1
Carbon tetrachloride	ND		0.50		ug/L			07/18/13 03:44	1
Chlorobenzene	ND		1.0		ug/L			07/18/13 03:44	1
Chloroethane	ND		1.0		ug/L			07/18/13 03:44	1
Chloroform	ND		1.0		ug/L			07/18/13 03:44	1
Chloromethane	ND		1.0		ug/L			07/18/13 03:44	1
2-Chlorotoluene	ND		1.0		ug/L			07/18/13 03:44	1
4-Chlorotoluene	ND		1.0		ug/L			07/18/13 03:44	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			07/18/13 03:44	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			07/18/13 03:44	1
Dibromochloromethane	ND		1.0		ug/L			07/18/13 03:44	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/L			07/18/13 03:44	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			07/18/13 03:44	1
Dibromomethane	ND		1.0		ug/L			07/18/13 03:44	1
1,2-Dichlorobenzene	ND		1.0		ug/L			07/18/13 03:44	1
1,3-Dichlorobenzene	ND		1.0		ug/L			07/18/13 03:44	1
1,4-Dichlorobenzene	ND		1.0		ug/L			07/18/13 03:44	1
Dichlorodifluoromethane	ND		5.0		ug/L			07/18/13 03:44	1
1,1-Dichloroethane	ND		1.0		ug/L			07/18/13 03:44	1
1,2-Dichloroethane	ND		0.50		ug/L			07/18/13 03:44	1
1,1-Dichloroethene	ND		1.0		ug/L			07/18/13 03:44	1
1,2-Dichloropropane	ND		1.0		ug/L			07/18/13 03:44	1
1,3-Dichloropropane	ND		1.0		ug/L			07/18/13 03:44	1
2,2-Dichloropropane	ND		1.0		ug/L			07/18/13 03:44	1
1,1-Dichloropropene	ND		1.0		ug/L			07/18/13 03:44	1
Ethylbenzene	ND		1.0		ug/L			07/18/13 03:44	1
Hexachlorobutadiene	ND		1.0		ug/L			07/18/13 03:44	1
Isopropylbenzene	ND		1.0		ug/L			07/18/13 03:44	1
Methylene Chloride	ND		5.0		ug/L			07/18/13 03:44	1
m,p-Xylene	ND		1.0		ug/L			07/18/13 03:44	1

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Client Sample ID: TB-071613
Date Collected: 07/16/13 08:00
Date Received: 07/16/13 18:05

Lab Sample ID: 440-51810-33
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		1.0		ug/L			07/18/13 03:44	1
n-Butylbenzene	ND		1.0		ug/L			07/18/13 03:44	1
N-Propylbenzene	ND		1.0		ug/L			07/18/13 03:44	1
o-Xylene	ND		1.0		ug/L			07/18/13 03:44	1
p-Isopropyltoluene	ND		1.0		ug/L			07/18/13 03:44	1
sec-Butylbenzene	ND		1.0		ug/L			07/18/13 03:44	1
Styrene	ND		1.0		ug/L			07/18/13 03:44	1
tert-Butylbenzene	ND		1.0		ug/L			07/18/13 03:44	1
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			07/18/13 03:44	1
1,1,2,2-Tetrachloroethane	ND		1.0		ug/L			07/18/13 03:44	1
Tetrachloroethene	ND		1.0		ug/L			07/18/13 03:44	1
Toluene	ND		1.0		ug/L			07/18/13 03:44	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			07/18/13 03:44	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			07/18/13 03:44	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			07/18/13 03:44	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			07/18/13 03:44	1
1,1,1-Trichloroethane	ND		1.0		ug/L			07/18/13 03:44	1
1,1,2-Trichloroethane	ND		1.0		ug/L			07/18/13 03:44	1
Trichloroethene	ND		1.0		ug/L			07/18/13 03:44	1
Trichlorofluoromethane	ND		1.0		ug/L			07/18/13 03:44	1
1,2,3-Trichloropropane	ND		1.0		ug/L			07/18/13 03:44	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			07/18/13 03:44	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			07/18/13 03:44	1
Vinyl chloride	ND		0.50		ug/L			07/18/13 03:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*07/18/13 03:44*	*1*
Dibromofluoromethane (Surr)	*112*		*80 - 120*		*07/18/13 03:44*	*1*
Toluene-d8 (Surr)	*107*		*80 - 120*		*07/18/13 03:44*	*1*

Method Summary

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL IRV

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Lab Chronicle

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Client Sample ID: EB-7-5
Date Collected: 07/16/13 07:30
Date Received: 07/16/13 18:05

Lab Sample ID: 440-51810-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.15 g	5 mL	118170	07/17/13 13:44	BD	TAL IRV
Total/NA	Analysis	8260B		1000			118625	07/19/13 16:49	AL	TAL IRV

Client Sample ID: EB-7-10
Date Collected: 07/16/13 07:35
Date Received: 07/16/13 18:05

Lab Sample ID: 440-51810-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.58 g	5 mL	118170	07/17/13 13:44	BD	TAL IRV
Total/NA	Analysis	8260B		500			118625	07/19/13 17:18	AL	TAL IRV

Client Sample ID: EB-7-20
Date Collected: 07/16/13 07:55
Date Received: 07/16/13 18:05

Lab Sample ID: 440-51810-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.6 g	5 mL	118170	07/17/13 13:44	BD	TAL IRV
Total/NA	Analysis	8260B		100			118544	07/19/13 01:26	BD	TAL IRV

Client Sample ID: EB-7-30
Date Collected: 07/16/13 08:25
Date Received: 07/16/13 18:05

Lab Sample ID: 440-51810-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.9 g	10 mL	118168	07/17/13 13:35	BD	TAL IRV
Total/NA	Analysis	8260B		1			118232	07/17/13 22:32	WC	TAL IRV

Client Sample ID: EB-7-40
Date Collected: 07/16/13 09:00
Date Received: 07/16/13 18:05

Lab Sample ID: 440-51810-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	10 mL	118168	07/17/13 13:35	BD	TAL IRV
Total/NA	Analysis	8260B		1			118232	07/17/13 22:59	WC	TAL IRV

Client Sample ID: EB-7-HP-45.1
Date Collected: 07/16/13 09:40
Date Received: 07/16/13 18:05

Lab Sample ID: 440-51810-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		10	10 mL	10 mL	118359	07/18/13 17:03	MP	TAL IRV

Lab Chronicle

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Client Sample ID: EB-5-5
Lab Sample ID: 440-51810-11
Date Collected: 07/16/13 10:36
Matrix: Solid
Date Received: 07/16/13 18:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.03 g	10 mL	118168	07/17/13 13:35	BD	TAL IRV
Total/NA	Analysis	8260B		1			118232	07/17/13 23:26	WC	TAL IRV

Client Sample ID: EB-5-10
Lab Sample ID: 440-51810-12
Date Collected: 07/16/13 10:42
Matrix: Solid
Date Received: 07/16/13 18:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.6 g	10 mL	118168	07/17/13 13:35	BD	TAL IRV
Total/NA	Analysis	8260B		1			118232	07/17/13 23:53	WC	TAL IRV

Client Sample ID: EB-5-20
Lab Sample ID: 440-51810-14
Date Collected: 07/16/13 10:55
Matrix: Solid
Date Received: 07/16/13 18:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.24 g	10 mL	118168	07/17/13 13:35	BD	TAL IRV
Total/NA	Analysis	8260B		1			118232	07/18/13 00:20	WC	TAL IRV

Client Sample ID: EB-5-30
Lab Sample ID: 440-51810-16
Date Collected: 07/16/13 11:07
Matrix: Solid
Date Received: 07/16/13 18:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.67 g	10 mL	118168	07/17/13 13:35	BD	TAL IRV
Total/NA	Analysis	8260B		1			118232	07/18/13 00:47	WC	TAL IRV

Client Sample ID: EB-5-40
Lab Sample ID: 440-51810-18
Date Collected: 07/16/13 11:35
Matrix: Solid
Date Received: 07/16/13 18:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.57 g	10 mL	118168	07/17/13 13:35	BD	TAL IRV
Total/NA	Analysis	8260B		1			118232	07/18/13 01:14	WC	TAL IRV

Client Sample ID: EB-5-HP-45.5
Lab Sample ID: 440-51810-21
Date Collected: 07/16/13 12:25
Matrix: Water
Date Received: 07/16/13 18:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	118225	07/18/13 02:46	AA	TAL IRV

Lab Chronicle

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Client Sample ID: EB-9-5
Date Collected: 07/16/13 13:57
Date Received: 07/16/13 18:05

Lab Sample ID: 440-51810-22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.75 g	10 mL	118168	07/17/13 13:35	BD	TAL IRV
Total/NA	Analysis	8260B		1			118232	07/18/13 01:41	WC	TAL IRV

Client Sample ID: EB-9-10
Date Collected: 07/16/13 14:08
Date Received: 07/16/13 18:05

Lab Sample ID: 440-51810-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.15 g	10 mL	118168	07/17/13 13:35	BD	TAL IRV
Total/NA	Analysis	8260B		1			118352	07/18/13 18:26	LB	TAL IRV

Client Sample ID: EB-9-20
Date Collected: 07/16/13 14:20
Date Received: 07/16/13 18:05

Lab Sample ID: 440-51810-25
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.66 g	10 mL	118168	07/17/13 13:35	BD	TAL IRV
Total/NA	Analysis	8260B		1			118627	07/19/13 12:07	AL	TAL IRV

Client Sample ID: EB-9-30
Date Collected: 07/16/13 14:35
Date Received: 07/16/13 18:05

Lab Sample ID: 440-51810-27
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.5 g	10 mL	118168	07/17/13 13:35	BD	TAL IRV
Total/NA	Analysis	8260B		1			118627	07/19/13 12:34	AL	TAL IRV

Client Sample ID: EB-9-40
Date Collected: 07/16/13 15:15
Date Received: 07/16/13 18:05

Lab Sample ID: 440-51810-29
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.5 g	10 mL	118168	07/17/13 13:35	BD	TAL IRV
Total/NA	Analysis	8260B		1			118627	07/19/13 13:01	AL	TAL IRV

Client Sample ID: EB-9-HP-43.2
Date Collected: 07/16/13 16:05
Date Received: 07/16/13 18:05

Lab Sample ID: 440-51810-32
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	10 mL	10 mL	118635	07/19/13 17:29	MP	TAL IRV

Lab Chronicle

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Client Sample ID: TB-071613
Date Collected: 07/16/13 08:00
Date Received: 07/16/13 18:05

Lab Sample ID: 440-51810-33
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	118225	07/18/13 03:44	AA	TAL IRV

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 440-118225/7
Matrix: Water
Analysis Batch: 118225

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			07/17/13 18:04	1
Bromobenzene	ND		1.0		ug/L			07/17/13 18:04	1
Bromochloromethane	ND		1.0		ug/L			07/17/13 18:04	1
Bromodichloromethane	ND		1.0		ug/L			07/17/13 18:04	1
Bromoform	ND		1.0		ug/L			07/17/13 18:04	1
Bromomethane	ND		1.0		ug/L			07/17/13 18:04	1
Carbon tetrachloride	ND		0.50		ug/L			07/17/13 18:04	1
Chlorobenzene	ND		1.0		ug/L			07/17/13 18:04	1
Chloroethane	ND		1.0		ug/L			07/17/13 18:04	1
Chloroform	ND		1.0		ug/L			07/17/13 18:04	1
Chloromethane	ND		1.0		ug/L			07/17/13 18:04	1
2-Chlorotoluene	ND		1.0		ug/L			07/17/13 18:04	1
4-Chlorotoluene	ND		1.0		ug/L			07/17/13 18:04	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			07/17/13 18:04	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			07/17/13 18:04	1
Dibromochloromethane	ND		1.0		ug/L			07/17/13 18:04	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/L			07/17/13 18:04	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			07/17/13 18:04	1
Dibromomethane	ND		1.0		ug/L			07/17/13 18:04	1
1,2-Dichlorobenzene	ND		1.0		ug/L			07/17/13 18:04	1
1,3-Dichlorobenzene	ND		1.0		ug/L			07/17/13 18:04	1
1,4-Dichlorobenzene	ND		1.0		ug/L			07/17/13 18:04	1
Dichlorodifluoromethane	ND		5.0		ug/L			07/17/13 18:04	1
1,1-Dichloroethane	ND		1.0		ug/L			07/17/13 18:04	1
1,2-Dichloroethane	ND		0.50		ug/L			07/17/13 18:04	1
1,1-Dichloroethene	ND		1.0		ug/L			07/17/13 18:04	1
1,2-Dichloropropane	ND		1.0		ug/L			07/17/13 18:04	1
1,3-Dichloropropane	ND		1.0		ug/L			07/17/13 18:04	1
2,2-Dichloropropane	ND		1.0		ug/L			07/17/13 18:04	1
1,1-Dichloropropene	ND		1.0		ug/L			07/17/13 18:04	1
Ethylbenzene	ND		1.0		ug/L			07/17/13 18:04	1
Hexachlorobutadiene	ND		1.0		ug/L			07/17/13 18:04	1
Isopropylbenzene	ND		1.0		ug/L			07/17/13 18:04	1
Methylene Chloride	ND		5.0		ug/L			07/17/13 18:04	1
m,p-Xylene	ND		1.0		ug/L			07/17/13 18:04	1
Naphthalene	ND		1.0		ug/L			07/17/13 18:04	1
n-Butylbenzene	ND		1.0		ug/L			07/17/13 18:04	1
N-Propylbenzene	ND		1.0		ug/L			07/17/13 18:04	1
o-Xylene	ND		1.0		ug/L			07/17/13 18:04	1
p-Isopropyltoluene	ND		1.0		ug/L			07/17/13 18:04	1
sec-Butylbenzene	ND		1.0		ug/L			07/17/13 18:04	1
Styrene	ND		1.0		ug/L			07/17/13 18:04	1
tert-Butylbenzene	ND		1.0		ug/L			07/17/13 18:04	1
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			07/17/13 18:04	1
1,1,2,2-Tetrachloroethane	ND		1.0		ug/L			07/17/13 18:04	1
Tetrachloroethene	ND		1.0		ug/L			07/17/13 18:04	1
Toluene	ND		1.0		ug/L			07/17/13 18:04	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			07/17/13 18:04	1

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 440-118225/7
Matrix: Water
Analysis Batch: 118225

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		0.50		ug/L			07/17/13 18:04	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			07/17/13 18:04	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			07/17/13 18:04	1
1,1,1-Trichloroethane	ND		1.0		ug/L			07/17/13 18:04	1
1,1,2-Trichloroethane	ND		1.0		ug/L			07/17/13 18:04	1
Trichloroethene	ND		1.0		ug/L			07/17/13 18:04	1
Trichlorofluoromethane	ND		1.0		ug/L			07/17/13 18:04	1
1,2,3-Trichloropropane	ND		1.0		ug/L			07/17/13 18:04	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			07/17/13 18:04	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			07/17/13 18:04	1
Vinyl chloride	ND		0.50		ug/L			07/17/13 18:04	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*80 - 120*		*07/17/13 18:04*	*1*
Dibromofluoromethane (Surr)	*100*		*80 - 120*		*07/17/13 18:04*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*07/17/13 18:04*	*1*

Lab Sample ID: LCS 440-118225/8
Matrix: Water
Analysis Batch: 118225

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	25.0	18.6		ug/L		75	68 - 130
Bromobenzene	25.0	26.7		ug/L		107	70 - 130
Bromochloromethane	25.0	27.9		ug/L		112	70 - 130
Bromodichloromethane	25.0	23.8		ug/L		95	70 - 132
Bromoform	25.0	32.8		ug/L		131	60 - 148
Bromomethane	25.0	25.0		ug/L		100	64 - 139
Carbon tetrachloride	25.0	25.7		ug/L		103	60 - 150
Chlorobenzene	25.0	24.5		ug/L		98	70 - 130
Chloroethane	25.0	21.4		ug/L		86	64 - 135
Chloroform	25.0	21.9		ug/L		88	70 - 130
Chloromethane	25.0	24.4		ug/L		98	47 - 140
2-Chlorotoluene	25.0	20.6		ug/L		83	70 - 130
4-Chlorotoluene	25.0	21.1		ug/L		84	70 - 130
cis-1,2-Dichloroethene	25.0	24.6		ug/L		98	70 - 133
cis-1,3-Dichloropropene	25.0	22.7		ug/L		91	70 - 133
Dibromochloromethane	25.0	27.6		ug/L		111	69 - 145
1,2-Dibromo-3-Chloropropane	25.0	21.3		ug/L		85	52 - 140
1,2-Dibromoethane (EDB)	25.0	28.1		ug/L		112	70 - 130
Dibromomethane	25.0	25.3		ug/L		101	70 - 130
1,2-Dichlorobenzene	25.0	26.1		ug/L		104	70 - 130
1,3-Dichlorobenzene	25.0	25.7		ug/L		103	70 - 130
1,4-Dichlorobenzene	25.0	25.9		ug/L		104	70 - 130
Dichlorodifluoromethane	25.0	20.4		ug/L		81	29 - 150
1,1-Dichloroethane	25.0	20.0		ug/L		80	64 - 130
1,2-Dichloroethane	25.0	23.4		ug/L		94	57 - 138
1,1-Dichloroethene	25.0	24.0		ug/L		96	70 - 130

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 440-118225/8
Matrix: Water
Analysis Batch: 118225

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloropropane	25.0	20.6		ug/L		83	67 - 130
1,3-Dichloropropane	25.0	22.0		ug/L		88	70 - 130
2,2-Dichloropropane	25.0	19.3		ug/L		77	68 - 141
1,1-Dichloropropene	25.0	20.7		ug/L		83	70 - 130
Ethylbenzene	25.0	22.3		ug/L		89	70 - 130
Hexachlorobutadiene	25.0	24.3		ug/L		97	10 - 150
Isopropylbenzene	25.0	24.0		ug/L		96	70 - 136
Methylene Chloride	25.0	23.7		ug/L		95	52 - 130
m,p-Xylene	50.0	47.9		ug/L		96	70 - 130
Naphthalene	25.0	26.5		ug/L		106	60 - 140
n-Butylbenzene	25.0	20.3		ug/L		81	65 - 150
N-Propylbenzene	25.0	20.6		ug/L		82	67 - 139
o-Xylene	25.0	24.1		ug/L		97	70 - 130
p-Isopropyltoluene	25.0	22.5		ug/L		90	70 - 132
sec-Butylbenzene	25.0	21.9		ug/L		88	70 - 138
Styrene	25.0	23.0		ug/L		92	70 - 134
tert-Butylbenzene	25.0	22.9		ug/L		92	70 - 130
1,1,1,2-Tetrachloroethane	25.0	28.9		ug/L		116	60 - 141
1,1,2,2-Tetrachloroethane	25.0	25.4		ug/L		102	63 - 130
Tetrachloroethene	25.0	26.0		ug/L		104	70 - 130
Toluene	25.0	20.9		ug/L		84	70 - 130
trans-1,2-Dichloroethene	25.0	23.7		ug/L		95	70 - 130
trans-1,3-Dichloropropene	25.0	23.5		ug/L		94	70 - 132
1,2,3-Trichlorobenzene	25.0	26.6		ug/L		106	60 - 140
1,2,4-Trichlorobenzene	25.0	26.7		ug/L		107	60 - 140
1,1,1-Trichloroethane	25.0	22.7		ug/L		91	70 - 130
1,1,2-Trichloroethane	25.0	23.7		ug/L		95	70 - 130
Trichloroethene	25.0	24.8		ug/L		99	70 - 130
Trichlorofluoromethane	25.0	28.3		ug/L		113	60 - 150
1,2,3-Trichloropropane	25.0	22.1		ug/L		89	63 - 130
1,2,4-Trimethylbenzene	25.0	23.7		ug/L		95	70 - 135
1,3,5-Trimethylbenzene	25.0	23.0		ug/L		92	70 - 136
Vinyl chloride	25.0	24.1		ug/L		96	59 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*91*		*80 - 120*
Dibromofluoromethane (Surr)	*102*		*80 - 120*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: 440-51804-A-7 MS
Matrix: Water
Analysis Batch: 118225

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND		25.0	18.0		ug/L		72	66 - 130
Bromobenzene	ND		25.0	25.3		ug/L		101	70 - 130
Bromochloromethane	ND		25.0	27.7		ug/L		111	70 - 130
Bromodichloromethane	ND		25.0	23.2		ug/L		93	70 - 138

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-51804-A-7 MS
Matrix: Water
Analysis Batch: 118225

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromoform	ND		25.0	31.1		ug/L		124	59 - 150
Bromomethane	ND		25.0	25.5		ug/L		102	62 - 131
Carbon tetrachloride	ND		25.0	24.4		ug/L		97	60 - 150
Chlorobenzene	ND		25.0	24.3		ug/L		97	70 - 130
Chloroethane	ND		25.0	20.3		ug/L		81	68 - 130
Chloroform	ND		25.0	21.3		ug/L		85	70 - 130
Chloromethane	ND		25.0	23.6		ug/L		95	39 - 144
2-Chlorotoluene	ND		25.0	19.5		ug/L		78	70 - 130
4-Chlorotoluene	ND		25.0	20.2		ug/L		81	70 - 130
cis-1,2-Dichloroethene	64		25.0	83.1		ug/L		76	70 - 130
cis-1,3-Dichloropropene	ND		25.0	21.4		ug/L		85	70 - 133
Dibromochloromethane	ND		25.0	27.2		ug/L		109	70 - 148
1,2-Dibromo-3-Chloropropane	ND		25.0	18.3		ug/L		73	48 - 140
1,2-Dibromoethane (EDB)	ND		25.0	27.0		ug/L		108	70 - 131
Dibromomethane	ND		25.0	23.3		ug/L		93	70 - 130
1,2-Dichlorobenzene	ND		25.0	24.8		ug/L		99	70 - 130
1,3-Dichlorobenzene	ND		25.0	24.1		ug/L		96	70 - 130
1,4-Dichlorobenzene	ND		25.0	24.7		ug/L		99	70 - 130
Dichlorodifluoromethane	ND		25.0	19.0		ug/L		76	25 - 142
1,1-Dichloroethane	81		25.0	94.2	F	ug/L		52	65 - 130
1,2-Dichloroethane	4.3		25.0	26.9		ug/L		90	56 - 146
1,1-Dichloroethene	46		25.0	64.2		ug/L		74	70 - 130
1,2-Dichloropropane	ND		25.0	20.1		ug/L		80	69 - 130
1,3-Dichloropropane	ND		25.0	22.2		ug/L		89	70 - 130
2,2-Dichloropropane	ND		25.0	18.9		ug/L		76	69 - 138
1,1-Dichloropropene	ND		25.0	19.8		ug/L		79	64 - 130
Ethylbenzene	ND		25.0	22.2		ug/L		88	70 - 130
Hexachlorobutadiene	ND		25.0	22.9		ug/L		91	10 - 150
Isopropylbenzene	ND		25.0	22.8		ug/L		91	70 - 132
Methylene Chloride	ND		25.0	20.8		ug/L		83	52 - 130
m,p-Xylene	ND		50.0	48.5		ug/L		97	70 - 133
Naphthalene	ND		25.0	24.5		ug/L		98	60 - 140
n-Butylbenzene	ND		25.0	19.4		ug/L		78	61 - 149
N-Propylbenzene	ND		25.0	19.7		ug/L		79	66 - 135
o-Xylene	ND		25.0	24.7		ug/L		97	70 - 133
p-Isopropyltoluene	ND		25.0	21.4		ug/L		86	70 - 130
sec-Butylbenzene	ND		25.0	20.9		ug/L		84	67 - 134
Styrene	ND		25.0	22.8		ug/L		91	29 - 150
tert-Butylbenzene	ND		25.0	21.3		ug/L		85	70 - 130
1,1,1,2-Tetrachloroethane	ND		25.0	28.7		ug/L		115	60 - 149
1,1,2,2-Tetrachloroethane	ND		25.0	23.2		ug/L		93	63 - 130
Tetrachloroethene	ND		25.0	25.9		ug/L		102	70 - 137
Toluene	ND		25.0	20.3		ug/L		81	70 - 130
trans-1,2-Dichloroethene	ND		25.0	23.1		ug/L		90	70 - 130
trans-1,3-Dichloropropene	ND		25.0	23.0		ug/L		92	70 - 138
1,2,3-Trichlorobenzene	ND		25.0	24.8		ug/L		99	60 - 140
1,2,4-Trichlorobenzene	ND		25.0	25.5		ug/L		102	60 - 140
1,1,1-Trichloroethane	1.3		25.0	23.1		ug/L		87	70 - 130

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-51804-A-7 MS
Matrix: Water
Analysis Batch: 118225

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloroethane	ND		25.0	21.8		ug/L		87	70 - 130
Trichloroethene	10		25.0	32.4		ug/L		89	70 - 130
Trichlorofluoromethane	ND		25.0	27.6		ug/L		110	60 - 150
1,2,3-Trichloropropane	ND		25.0	20.0		ug/L		80	60 - 130
1,2,4-Trimethylbenzene	ND		25.0	22.8		ug/L		91	70 - 130
1,3,5-Trimethylbenzene	ND		25.0	21.6		ug/L		87	70 - 130
Vinyl chloride	9.1		25.0	32.2		ug/L		92	50 - 137

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*91*		*80 - 120*
Dibromofluoromethane (Surr)	*103*		*80 - 120*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: 440-51804-A-7 MSD
Matrix: Water
Analysis Batch: 118225

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	ND		25.0	18.7		ug/L		75	66 - 130	4	20
Bromobenzene	ND		25.0	26.3		ug/L		105	70 - 130	4	20
Bromochloromethane	ND		25.0	26.5		ug/L		106	70 - 130	4	25
Bromodichloromethane	ND		25.0	23.1		ug/L		93	70 - 138	0	20
Bromoform	ND		25.0	31.6		ug/L		126	59 - 150	2	25
Bromomethane	ND		25.0	25.1		ug/L		101	62 - 131	1	25
Carbon tetrachloride	ND		25.0	26.7		ug/L		107	60 - 150	9	25
Chlorobenzene	ND		25.0	24.9		ug/L		100	70 - 130	2	20
Chloroethane	ND		25.0	20.8		ug/L		83	68 - 130	3	25
Chloroform	ND		25.0	21.7		ug/L		87	70 - 130	2	20
Chloromethane	ND		25.0	24.0		ug/L		96	39 - 144	1	25
2-Chlorotoluene	ND		25.0	20.8		ug/L		83	70 - 130	6	20
4-Chlorotoluene	ND		25.0	21.2		ug/L		85	70 - 130	5	20
cis-1,2-Dichloroethene	64		25.0	78.0	F	ug/L		56	70 - 130	6	20
cis-1,3-Dichloropropene	ND		25.0	22.2		ug/L		89	70 - 133	4	20
Dibromochloromethane	ND		25.0	27.5		ug/L		110	70 - 148	1	25
1,2-Dibromo-3-Chloropropane	ND		25.0	19.4		ug/L		78	48 - 140	6	30
1,2-Dibromoethane (EDB)	ND		25.0	27.8		ug/L		111	70 - 131	3	25
Dibromomethane	ND		25.0	24.2		ug/L		97	70 - 130	4	25
1,2-Dichlorobenzene	ND		25.0	25.0		ug/L		100	70 - 130	1	20
1,3-Dichlorobenzene	ND		25.0	24.8		ug/L		99	70 - 130	3	20
1,4-Dichlorobenzene	ND		25.0	25.1		ug/L		100	70 - 130	2	20
Dichlorodifluoromethane	ND		25.0	20.3		ug/L		81	25 - 142	7	30
1,1-Dichloroethane	81		25.0	88.2	F	ug/L		28	65 - 130	7	20
1,2-Dichloroethane	4.3		25.0	26.6		ug/L		89	56 - 146	1	20
1,1-Dichloroethene	46		25.0	62.0	F	ug/L		65	70 - 130	3	20
1,2-Dichloropropane	ND		25.0	21.0		ug/L		84	69 - 130	5	20
1,3-Dichloropropane	ND		25.0	22.4		ug/L		90	70 - 130	1	25
2,2-Dichloropropane	ND		25.0	19.1		ug/L		77	69 - 138	1	25
1,1-Dichloropropene	ND		25.0	21.1		ug/L		84	64 - 130	7	20

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-51804-A-7 MSD
Matrix: Water
Analysis Batch: 118225

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylbenzene	ND		25.0	23.4		ug/L		92	70 - 130	5	20
Hexachlorobutadiene	ND		25.0	23.9		ug/L		96	10 - 150	4	20
Isopropylbenzene	ND		25.0	24.2		ug/L		97	70 - 132	6	20
Methylene Chloride	ND		25.0	20.9		ug/L		84	52 - 130	0	20
m,p-Xylene	ND		50.0	50.1		ug/L		100	70 - 133	3	25
Naphthalene	ND		25.0	24.7		ug/L		99	60 - 140	1	30
n-Butylbenzene	ND		25.0	20.4		ug/L		82	61 - 149	5	20
N-Propylbenzene	ND		25.0	20.9		ug/L		83	66 - 135	6	20
o-Xylene	ND		25.0	24.6		ug/L		97	70 - 133	0	20
p-Isopropyltoluene	ND		25.0	22.3		ug/L		89	70 - 130	4	20
sec-Butylbenzene	ND		25.0	22.0		ug/L		88	67 - 134	5	20
Styrene	ND		25.0	22.9		ug/L		92	29 - 150	1	30
tert-Butylbenzene	ND		25.0	22.9		ug/L		92	70 - 130	7	20
1,1,1,2-Tetrachloroethane	ND		25.0	29.5		ug/L		118	60 - 149	3	20
1,1,2,2-Tetrachloroethane	ND		25.0	23.7		ug/L		95	63 - 130	2	30
Tetrachloroethene	ND		25.0	27.4		ug/L		108	70 - 137	6	20
Toluene	ND		25.0	21.1		ug/L		84	70 - 130	4	20
trans-1,2-Dichloroethene	ND		25.0	24.1		ug/L		94	70 - 130	4	20
trans-1,3-Dichloropropene	ND		25.0	23.8		ug/L		95	70 - 138	3	25
1,2,3-Trichlorobenzene	ND		25.0	25.1		ug/L		100	60 - 140	1	20
1,2,4-Trichlorobenzene	ND		25.0	26.5		ug/L		106	60 - 140	4	20
1,1,1-Trichloroethane	1.3		25.0	23.8		ug/L		90	70 - 130	3	20
1,1,2-Trichloroethane	ND		25.0	23.1		ug/L		92	70 - 130	6	25
Trichloroethene	10		25.0	33.2		ug/L		92	70 - 130	2	20
Trichlorofluoromethane	ND		25.0	28.6		ug/L		114	60 - 150	4	25
1,2,3-Trichloropropane	ND		25.0	20.4		ug/L		82	60 - 130	2	30
1,2,4-Trimethylbenzene	ND		25.0	23.5		ug/L		94	70 - 130	3	25
1,3,5-Trimethylbenzene	ND		25.0	23.0		ug/L		92	70 - 130	6	20
Vinyl chloride	9.1		25.0	31.7		ug/L		90	50 - 137	2	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*87*		*80 - 120*
Dibromofluoromethane (Surr)	*100*		*80 - 120*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: MB 440-118232/3
Matrix: Solid
Analysis Batch: 118232

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/Kg			07/17/13 19:39	1
Bromobenzene	ND		5.0		ug/Kg			07/17/13 19:39	1
Bromochloromethane	ND		5.0		ug/Kg			07/17/13 19:39	1
Bromodichloromethane	ND		2.0		ug/Kg			07/17/13 19:39	1
Bromoform	ND		5.0		ug/Kg			07/17/13 19:39	1
Bromomethane	ND		5.0		ug/Kg			07/17/13 19:39	1
Carbon tetrachloride	ND		5.0		ug/Kg			07/17/13 19:39	1
Chlorobenzene	ND		2.0		ug/Kg			07/17/13 19:39	1

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 440-118232/3
Matrix: Solid
Analysis Batch: 118232

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	ND		5.0		ug/Kg			07/17/13 19:39	1
Chloroform	ND		2.0		ug/Kg			07/17/13 19:39	1
Chloromethane	ND		5.0		ug/Kg			07/17/13 19:39	1
2-Chlorotoluene	ND		5.0		ug/Kg			07/17/13 19:39	1
4-Chlorotoluene	ND		5.0		ug/Kg			07/17/13 19:39	1
cis-1,2-Dichloroethene	ND		2.0		ug/Kg			07/17/13 19:39	1
cis-1,3-Dichloropropene	ND		2.0		ug/Kg			07/17/13 19:39	1
Dibromochloromethane	ND		2.0		ug/Kg			07/17/13 19:39	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/Kg			07/17/13 19:39	1
1,2-Dibromoethane (EDB)	ND		2.0		ug/Kg			07/17/13 19:39	1
Dibromomethane	ND		2.0		ug/Kg			07/17/13 19:39	1
1,2-Dichlorobenzene	ND		2.0		ug/Kg			07/17/13 19:39	1
1,3-Dichlorobenzene	ND		2.0		ug/Kg			07/17/13 19:39	1
1,4-Dichlorobenzene	ND		2.0		ug/Kg			07/17/13 19:39	1
Dichlorodifluoromethane	ND		5.0		ug/Kg			07/17/13 19:39	1
1,1-Dichloroethane	ND		2.0		ug/Kg			07/17/13 19:39	1
1,2-Dichloroethane	ND		2.0		ug/Kg			07/17/13 19:39	1
1,1-Dichloroethene	ND		5.0		ug/Kg			07/17/13 19:39	1
1,2-Dichloropropane	ND		2.0		ug/Kg			07/17/13 19:39	1
1,3-Dichloropropane	ND		2.0		ug/Kg			07/17/13 19:39	1
2,2-Dichloropropane	ND		2.0		ug/Kg			07/17/13 19:39	1
1,1-Dichloropropene	ND		2.0		ug/Kg			07/17/13 19:39	1
Ethylbenzene	ND		2.0		ug/Kg			07/17/13 19:39	1
Hexachlorobutadiene	ND		5.0		ug/Kg			07/17/13 19:39	1
Isopropylbenzene	ND		2.0		ug/Kg			07/17/13 19:39	1
Methylene Chloride	ND		20		ug/Kg			07/17/13 19:39	1
m,p-Xylene	ND		2.0		ug/Kg			07/17/13 19:39	1
Naphthalene	ND		5.0		ug/Kg			07/17/13 19:39	1
n-Butylbenzene	ND		5.0		ug/Kg			07/17/13 19:39	1
N-Propylbenzene	ND		2.0		ug/Kg			07/17/13 19:39	1
o-Xylene	ND		2.0		ug/Kg			07/17/13 19:39	1
p-Isopropyltoluene	ND		2.0		ug/Kg			07/17/13 19:39	1
sec-Butylbenzene	ND		5.0		ug/Kg			07/17/13 19:39	1
Styrene	ND		2.0		ug/Kg			07/17/13 19:39	1
tert-Butylbenzene	ND		5.0		ug/Kg			07/17/13 19:39	1
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg			07/17/13 19:39	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg			07/17/13 19:39	1
Tetrachloroethene	ND		2.0		ug/Kg			07/17/13 19:39	1
Toluene	ND		2.0		ug/Kg			07/17/13 19:39	1
trans-1,2-Dichloroethene	ND		2.0		ug/Kg			07/17/13 19:39	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg			07/17/13 19:39	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg			07/17/13 19:39	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg			07/17/13 19:39	1
1,1,1-Trichloroethane	ND		2.0		ug/Kg			07/17/13 19:39	1
1,1,2-Trichloroethane	ND		2.0		ug/Kg			07/17/13 19:39	1
Trichloroethene	ND		2.0		ug/Kg			07/17/13 19:39	1
Trichlorofluoromethane	ND		5.0		ug/Kg			07/17/13 19:39	1
1,2,3-Trichloropropane	ND		10		ug/Kg			07/17/13 19:39	1

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 440-118232/3
Matrix: Solid
Analysis Batch: 118232

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg			07/17/13 19:39	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg			07/17/13 19:39	1
Vinyl chloride	ND		5.0		ug/Kg			07/17/13 19:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*		*07/17/13 19:39*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 125*		*07/17/13 19:39*	*1*
Toluene-d8 (Surr)	*107*		*80 - 120*		*07/17/13 19:39*	*1*

Lab Sample ID: LCS 440-118232/4
Matrix: Solid
Analysis Batch: 118232

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	50.0	43.4		ug/Kg		87	65 - 120
Bromobenzene	50.0	52.9		ug/Kg		106	75 - 120
Bromochloromethane	50.0	51.4		ug/Kg		103	70 - 135
Bromodichloromethane	50.0	49.6		ug/Kg		99	70 - 135
Bromoform	50.0	47.3		ug/Kg		95	55 - 135
Bromomethane	50.0	49.8		ug/Kg		100	60 - 145
Carbon tetrachloride	50.0	52.8		ug/Kg		106	65 - 140
Chlorobenzene	50.0	48.2		ug/Kg		96	75 - 120
Chloroethane	50.0	45.8		ug/Kg		92	60 - 140
Chloroform	50.0	48.9		ug/Kg		98	70 - 130
Chloromethane	50.0	46.2		ug/Kg		92	45 - 145
2-Chlorotoluene	50.0	45.9		ug/Kg		92	70 - 125
4-Chlorotoluene	50.0	45.0		ug/Kg		90	75 - 125
cis-1,2-Dichloroethene	50.0	51.2		ug/Kg		102	70 - 125
cis-1,3-Dichloropropene	50.0	48.6		ug/Kg		97	75 - 125
Dibromochloromethane	50.0	61.4		ug/Kg		123	65 - 140
1,2-Dibromo-3-Chloropropane	50.0	45.3		ug/Kg		91	50 - 135
1,2-Dibromoethane (EDB)	50.0	52.7		ug/Kg		105	70 - 130
Dibromomethane	50.0	48.4		ug/Kg		97	70 - 130
1,2-Dichlorobenzene	50.0	50.0		ug/Kg		100	75 - 120
1,3-Dichlorobenzene	50.0	50.9		ug/Kg		102	75 - 125
1,4-Dichlorobenzene	50.0	50.0		ug/Kg		100	75 - 120
Dichlorodifluoromethane	50.0	46.5		ug/Kg		93	35 - 160
1,1-Dichloroethane	50.0	43.1		ug/Kg		86	70 - 130
1,2-Dichloroethane	50.0	47.3		ug/Kg		95	60 - 140
1,1-Dichloroethene	50.0	47.7		ug/Kg		95	70 - 125
1,2-Dichloropropane	50.0	44.2		ug/Kg		88	70 - 130
1,3-Dichloropropane	50.0	44.9		ug/Kg		90	70 - 125
2,2-Dichloropropane	50.0	42.7		ug/Kg		85	60 - 145
1,1-Dichloropropene	50.0	47.9		ug/Kg		96	70 - 130
Ethylbenzene	50.0	44.6		ug/Kg		89	70 - 125
Hexachlorobutadiene	50.0	47.0		ug/Kg		94	60 - 135
Isopropylbenzene	50.0	49.8		ug/Kg		100	75 - 130
Methylene Chloride	50.0	45.7		ug/Kg		91	55 - 135

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 440-118232/4
Matrix: Solid
Analysis Batch: 118232

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
m,p-Xylene	100	92.0		ug/Kg		92	70 - 125
Naphthalene	50.0	46.9		ug/Kg		94	55 - 135
n-Butylbenzene	50.0	41.8		ug/Kg		84	70 - 130
N-Propylbenzene	50.0	44.6		ug/Kg		89	70 - 130
o-Xylene	50.0	47.2		ug/Kg		94	70 - 125
p-Isopropyltoluene	50.0	47.6		ug/Kg		95	75 - 125
sec-Butylbenzene	50.0	45.3		ug/Kg		91	70 - 125
Styrene	50.0	44.6		ug/Kg		89	75 - 130
tert-Butylbenzene	50.0	51.7		ug/Kg		103	70 - 125
1,1,1,2-Tetrachloroethane	50.0	53.7		ug/Kg		107	70 - 130
1,1,2,2-Tetrachloroethane	50.0	49.8		ug/Kg		100	55 - 140
Tetrachloroethene	50.0	51.2		ug/Kg		102	70 - 125
Toluene	50.0	44.0		ug/Kg		88	70 - 125
trans-1,2-Dichloroethene	50.0	48.3		ug/Kg		97	70 - 125
trans-1,3-Dichloropropene	50.0	49.2		ug/Kg		98	70 - 135
1,2,3-Trichlorobenzene	50.0	49.8		ug/Kg		100	60 - 130
1,2,4-Trichlorobenzene	50.0	49.7		ug/Kg		99	70 - 135
1,1,1-Trichloroethane	50.0	46.2		ug/Kg		92	65 - 135
1,1,2-Trichloroethane	50.0	46.8		ug/Kg		94	65 - 135
Trichloroethene	50.0	54.5		ug/Kg		109	70 - 125
Trichlorofluoromethane	50.0	62.6		ug/Kg		125	60 - 145
1,2,3-Trichloropropane	50.0	44.2		ug/Kg		88	60 - 135
1,2,4-Trimethylbenzene	50.0	46.7		ug/Kg		93	70 - 125
1,3,5-Trimethylbenzene	50.0	47.0		ug/Kg		94	70 - 125
Vinyl chloride	50.0	45.8		ug/Kg		92	55 - 135

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*
Dibromofluoromethane (Surr)	*102*		*80 - 125*
Toluene-d8 (Surr)	*106*		*80 - 120*

Lab Sample ID: LCSD 440-118232/7
Matrix: Solid
Analysis Batch: 118232

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	50.0	43.7		ug/Kg		87	65 - 120	1	20
Bromobenzene	50.0	54.2		ug/Kg		108	75 - 120	2	20
Bromochloromethane	50.0	54.3		ug/Kg		109	70 - 135	6	20
Bromodichloromethane	50.0	52.5		ug/Kg		105	70 - 135	6	20
Bromoform	50.0	48.6		ug/Kg		97	55 - 135	3	25
Bromomethane	50.0	55.3		ug/Kg		111	60 - 145	10	20
Carbon tetrachloride	50.0	54.8		ug/Kg		110	65 - 140	4	20
Chlorobenzene	50.0	51.6		ug/Kg		103	75 - 120	7	20
Chloroethane	50.0	47.6		ug/Kg		95	60 - 140	4	25
Chloroform	50.0	51.2		ug/Kg		102	70 - 130	5	20
Chloromethane	50.0	50.4		ug/Kg		101	45 - 145	9	25
2-Chlorotoluene	50.0	47.9		ug/Kg		96	70 - 125	4	20

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 440-118232/7
Matrix: Solid
Analysis Batch: 118232

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4-Chlorotoluene			50.0	47.1		ug/Kg		94	75 - 125	5	20
cis-1,2-Dichloroethene			50.0	50.7		ug/Kg		101	70 - 125	1	20
cis-1,3-Dichloropropene			50.0	49.7		ug/Kg		99	75 - 125	2	20
Dibromochloromethane			50.0	64.1		ug/Kg		128	65 - 140	4	20
1,2-Dibromo-3-Chloropropane			50.0	42.5		ug/Kg		85	50 - 135	6	30
1,2-Dibromoethane (EDB)			50.0	53.9		ug/Kg		108	70 - 130	2	20
Dibromomethane			50.0	49.3		ug/Kg		99	70 - 130	2	20
1,2-Dichlorobenzene			50.0	49.8		ug/Kg		100	75 - 120	0	20
1,3-Dichlorobenzene			50.0	51.6		ug/Kg		103	75 - 125	1	20
1,4-Dichlorobenzene			50.0	49.7		ug/Kg		99	75 - 120	1	20
Dichlorodifluoromethane			50.0	50.5		ug/Kg		101	35 - 160	8	30
1,1-Dichloroethane			50.0	45.7		ug/Kg		91	70 - 130	6	20
1,2-Dichloroethane			50.0	47.8		ug/Kg		96	60 - 140	1	20
1,1-Dichloroethene			50.0	50.7		ug/Kg		101	70 - 125	6	20
1,2-Dichloropropane			50.0	43.9		ug/Kg		88	70 - 130	1	20
1,3-Dichloropropane			50.0	48.7		ug/Kg		97	70 - 125	8	20
2,2-Dichloropropane			50.0	46.4		ug/Kg		93	60 - 145	8	20
1,1-Dichloropropene			50.0	49.2		ug/Kg		98	70 - 130	3	20
Ethylbenzene			50.0	47.0		ug/Kg		94	70 - 125	5	20
Hexachlorobutadiene			50.0	46.1		ug/Kg		92	60 - 135	2	20
Isopropylbenzene			50.0	52.0		ug/Kg		104	75 - 130	4	20
Methylene Chloride			50.0	47.9		ug/Kg		96	55 - 135	5	20
m,p-Xylene			100	95.5		ug/Kg		95	70 - 125	4	20
Naphthalene			50.0	45.6		ug/Kg		91	55 - 135	3	25
n-Butylbenzene			50.0	43.0		ug/Kg		86	70 - 130	3	20
N-Propylbenzene			50.0	46.3		ug/Kg		93	70 - 130	4	20
o-Xylene			50.0	50.7		ug/Kg		101	70 - 125	7	20
p-Isopropyltoluene			50.0	49.1		ug/Kg		98	75 - 125	3	20
sec-Butylbenzene			50.0	46.2		ug/Kg		92	70 - 125	2	20
Styrene			50.0	46.3		ug/Kg		93	75 - 130	4	20
tert-Butylbenzene			50.0	53.3		ug/Kg		107	70 - 125	3	20
1,1,1,2-Tetrachloroethane			50.0	57.9		ug/Kg		116	70 - 130	7	20
1,1,2,2-Tetrachloroethane			50.0	50.6		ug/Kg		101	55 - 140	2	30
Tetrachloroethene			50.0	53.6		ug/Kg		107	70 - 125	5	20
Toluene			50.0	45.8		ug/Kg		92	70 - 125	4	20
trans-1,2-Dichloroethene			50.0	49.5		ug/Kg		99	70 - 125	2	20
trans-1,3-Dichloropropene			50.0	50.1		ug/Kg		100	70 - 135	2	20
1,2,3-Trichlorobenzene			50.0	49.4		ug/Kg		99	60 - 130	1	20
1,2,4-Trichlorobenzene			50.0	49.7		ug/Kg		99	70 - 135	0	20
1,1,1-Trichloroethane			50.0	48.7		ug/Kg		97	65 - 135	5	20
1,1,2-Trichloroethane			50.0	47.5		ug/Kg		95	65 - 135	2	20
Trichloroethene			50.0	55.0		ug/Kg		110	70 - 125	1	20
Trichlorofluoromethane			50.0	66.2		ug/Kg		132	60 - 145	5	25
1,2,3-Trichloropropane			50.0	45.2		ug/Kg		90	60 - 135	2	25
1,2,4-Trimethylbenzene			50.0	48.7		ug/Kg		97	70 - 125	4	20
1,3,5-Trimethylbenzene			50.0	48.5		ug/Kg		97	70 - 125	3	20
Vinyl chloride			50.0	49.8		ug/Kg		100	55 - 135	8	25

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 440-118232/7
Matrix: Solid
Analysis Batch: 118232

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		80 - 120
Dibromofluoromethane (Surr)	106		80 - 125
Toluene-d8 (Surr)	107		80 - 120

Lab Sample ID: MB 440-118352/4
Matrix: Solid
Analysis Batch: 118352

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/Kg			07/18/13 09:16	1
Bromobenzene	ND		5.0		ug/Kg			07/18/13 09:16	1
Bromochloromethane	ND		5.0		ug/Kg			07/18/13 09:16	1
Bromodichloromethane	ND		2.0		ug/Kg			07/18/13 09:16	1
Bromoform	ND		5.0		ug/Kg			07/18/13 09:16	1
Bromomethane	ND		5.0		ug/Kg			07/18/13 09:16	1
Carbon tetrachloride	ND		5.0		ug/Kg			07/18/13 09:16	1
Chlorobenzene	ND		2.0		ug/Kg			07/18/13 09:16	1
Chloroethane	ND		5.0		ug/Kg			07/18/13 09:16	1
Chloroform	ND		2.0		ug/Kg			07/18/13 09:16	1
Chloromethane	ND		5.0		ug/Kg			07/18/13 09:16	1
2-Chlorotoluene	ND		5.0		ug/Kg			07/18/13 09:16	1
4-Chlorotoluene	ND		5.0		ug/Kg			07/18/13 09:16	1
cis-1,2-Dichloroethene	ND		2.0		ug/Kg			07/18/13 09:16	1
cis-1,3-Dichloropropene	ND		2.0		ug/Kg			07/18/13 09:16	1
Dibromochloromethane	ND		2.0		ug/Kg			07/18/13 09:16	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/Kg			07/18/13 09:16	1
1,2-Dibromoethane (EDB)	ND		2.0		ug/Kg			07/18/13 09:16	1
Dibromomethane	ND		2.0		ug/Kg			07/18/13 09:16	1
1,2-Dichlorobenzene	ND		2.0		ug/Kg			07/18/13 09:16	1
1,3-Dichlorobenzene	ND		2.0		ug/Kg			07/18/13 09:16	1
1,4-Dichlorobenzene	ND		2.0		ug/Kg			07/18/13 09:16	1
Dichlorodifluoromethane	ND		5.0		ug/Kg			07/18/13 09:16	1
1,1-Dichloroethane	ND		2.0		ug/Kg			07/18/13 09:16	1
1,2-Dichloroethane	ND		2.0		ug/Kg			07/18/13 09:16	1
1,1-Dichloroethene	ND		5.0		ug/Kg			07/18/13 09:16	1
1,2-Dichloropropane	ND		2.0		ug/Kg			07/18/13 09:16	1
1,3-Dichloropropane	ND		2.0		ug/Kg			07/18/13 09:16	1
2,2-Dichloropropane	ND		2.0		ug/Kg			07/18/13 09:16	1
1,1-Dichloropropene	ND		2.0		ug/Kg			07/18/13 09:16	1
Ethylbenzene	ND		2.0		ug/Kg			07/18/13 09:16	1
Hexachlorobutadiene	ND		5.0		ug/Kg			07/18/13 09:16	1
Isopropylbenzene	ND		2.0		ug/Kg			07/18/13 09:16	1
Methylene Chloride	ND		20		ug/Kg			07/18/13 09:16	1
m,p-Xylene	ND		2.0		ug/Kg			07/18/13 09:16	1
Naphthalene	ND		5.0		ug/Kg			07/18/13 09:16	1
n-Butylbenzene	ND		5.0		ug/Kg			07/18/13 09:16	1
N-Propylbenzene	ND		2.0		ug/Kg			07/18/13 09:16	1
o-Xylene	ND		2.0		ug/Kg			07/18/13 09:16	1

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 440-118352/4
Matrix: Solid
Analysis Batch: 118352

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	ND		2.0		ug/Kg			07/18/13 09:16	1
sec-Butylbenzene	ND		5.0		ug/Kg			07/18/13 09:16	1
Styrene	ND		2.0		ug/Kg			07/18/13 09:16	1
tert-Butylbenzene	ND		5.0		ug/Kg			07/18/13 09:16	1
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg			07/18/13 09:16	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg			07/18/13 09:16	1
Tetrachloroethene	ND		2.0		ug/Kg			07/18/13 09:16	1
Toluene	ND		2.0		ug/Kg			07/18/13 09:16	1
trans-1,2-Dichloroethene	ND		2.0		ug/Kg			07/18/13 09:16	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg			07/18/13 09:16	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg			07/18/13 09:16	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg			07/18/13 09:16	1
1,1,1-Trichloroethane	ND		2.0		ug/Kg			07/18/13 09:16	1
1,1,2-Trichloroethane	ND		2.0		ug/Kg			07/18/13 09:16	1
Trichloroethene	ND		2.0		ug/Kg			07/18/13 09:16	1
Trichlorofluoromethane	ND		5.0		ug/Kg			07/18/13 09:16	1
1,2,3-Trichloropropane	ND		10		ug/Kg			07/18/13 09:16	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg			07/18/13 09:16	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg			07/18/13 09:16	1
Vinyl chloride	ND		5.0		ug/Kg			07/18/13 09:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*		*07/18/13 09:16*	*1*
Dibromofluoromethane (Surr)	*119*		*80 - 125*		*07/18/13 09:16*	*1*
Toluene-d8 (Surr)	*108*		*80 - 120*		*07/18/13 09:16*	*1*

Lab Sample ID: LCS 440-118352/5
Matrix: Solid
Analysis Batch: 118352

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	50.0	40.2		ug/Kg		80	65 - 120
Bromobenzene	50.0	58.1		ug/Kg		116	75 - 120
Bromochloromethane	50.0	67.6		ug/Kg		135	70 - 135
Bromodichloromethane	50.0	57.2		ug/Kg		114	70 - 135
Bromoform	50.0	82.9	*	ug/Kg		166	55 - 135
Bromomethane	50.0	59.4		ug/Kg		119	60 - 145
Carbon tetrachloride	50.0	53.5		ug/Kg		107	65 - 140
Chlorobenzene	50.0	55.8		ug/Kg		112	75 - 120
Chloroethane	50.0	49.4		ug/Kg		99	60 - 140
Chloroform	50.0	54.0		ug/Kg		108	70 - 130
Chloromethane	50.0	52.4		ug/Kg		105	45 - 145
2-Chlorotoluene	50.0	44.9		ug/Kg		90	70 - 125
4-Chlorotoluene	50.0	44.7		ug/Kg		89	75 - 125
cis-1,2-Dichloroethene	50.0	58.2		ug/Kg		116	70 - 125
cis-1,3-Dichloropropene	50.0	52.3		ug/Kg		105	75 - 125
Dibromochloromethane	50.0	69.2		ug/Kg		138	65 - 140
1,2-Dibromo-3-Chloropropane	50.0	50.8		ug/Kg		102	50 - 135

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 440-118352/5
Matrix: Solid
Analysis Batch: 118352

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromoethane (EDB)	50.0	67.0	*	ug/Kg		134	70 - 130
Dibromomethane	50.0	59.4		ug/Kg		119	70 - 130
1,2-Dichlorobenzene	50.0	56.5		ug/Kg		113	75 - 120
1,3-Dichlorobenzene	50.0	53.8		ug/Kg		108	75 - 125
1,4-Dichlorobenzene	50.0	56.2		ug/Kg		112	75 - 120
Dichlorodifluoromethane	50.0	44.1		ug/Kg		88	35 - 160
1,1-Dichloroethane	50.0	47.5		ug/Kg		95	70 - 130
1,2-Dichloroethane	50.0	55.9		ug/Kg		112	60 - 140
1,1-Dichloroethene	50.0	52.3		ug/Kg		105	70 - 125
1,2-Dichloropropane	50.0	45.6		ug/Kg		91	70 - 130
1,3-Dichloropropane	50.0	53.7		ug/Kg		107	70 - 125
2,2-Dichloropropane	50.0	41.8		ug/Kg		84	60 - 145
1,1-Dichloropropene	50.0	42.3		ug/Kg		85	70 - 130
Ethylbenzene	50.0	48.7		ug/Kg		97	70 - 125
Hexachlorobutadiene	50.0	47.6		ug/Kg		95	60 - 135
Isopropylbenzene	50.0	49.1		ug/Kg		98	75 - 130
Methylene Chloride	50.0	50.2		ug/Kg		100	55 - 135
m,p-Xylene	100	105		ug/Kg		105	70 - 125
Naphthalene	50.0	58.3		ug/Kg		117	55 - 135
n-Butylbenzene	50.0	40.4		ug/Kg		81	70 - 130
N-Propylbenzene	50.0	42.1		ug/Kg		84	70 - 130
o-Xylene	50.0	53.0		ug/Kg		106	70 - 125
p-Isopropyltoluene	50.0	44.9		ug/Kg		90	75 - 125
sec-Butylbenzene	50.0	44.7		ug/Kg		89	70 - 125
Styrene	50.0	51.3		ug/Kg		103	75 - 130
tert-Butylbenzene	50.0	46.2		ug/Kg		92	70 - 125
1,1,1,2-Tetrachloroethane	50.0	67.7	*	ug/Kg		135	70 - 130
1,1,2,2-Tetrachloroethane	50.0	57.4		ug/Kg		115	55 - 140
Tetrachloroethene	50.0	54.7		ug/Kg		109	70 - 125
Toluene	50.0	44.3		ug/Kg		89	70 - 125
trans-1,2-Dichloroethene	50.0	52.7		ug/Kg		105	70 - 125
trans-1,3-Dichloropropene	50.0	55.2		ug/Kg		110	70 - 135
1,2,3-Trichlorobenzene	50.0	56.6		ug/Kg		113	60 - 130
1,2,4-Trichlorobenzene	50.0	55.9		ug/Kg		112	70 - 135
1,1,1-Trichloroethane	50.0	52.1		ug/Kg		104	65 - 135
1,1,2-Trichloroethane	50.0	54.5		ug/Kg		109	65 - 135
Trichloroethene	50.0	51.1		ug/Kg		102	70 - 125
Trichlorofluoromethane	50.0	62.7		ug/Kg		125	60 - 145
1,2,3-Trichloropropane	50.0	52.9		ug/Kg		106	60 - 135
1,2,4-Trimethylbenzene	50.0	50.1		ug/Kg		100	70 - 125
1,3,5-Trimethylbenzene	50.0	47.5		ug/Kg		95	70 - 125
Vinyl chloride	50.0	50.9		ug/Kg		102	55 - 135

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*
Dibromofluoromethane (Surr)	*115*		*80 - 125*
Toluene-d8 (Surr)	*109*		*80 - 120*

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-51650-A-1 MS
Matrix: Solid
Analysis Batch: 118352

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND		50.1	40.8		ug/Kg		81	65 - 130
Bromobenzene	ND		50.1	56.8		ug/Kg		113	65 - 140
Bromochloromethane	ND		50.1	69.8		ug/Kg		139	65 - 145
Bromodichloromethane	ND		50.1	57.1		ug/Kg		114	65 - 145
Bromoform	ND	*	50.1	74.9	F	ug/Kg		150	50 - 145
Bromomethane	ND		50.1	58.1		ug/Kg		116	60 - 155
Carbon tetrachloride	ND		50.1	55.4		ug/Kg		111	60 - 145
Chlorobenzene	ND		50.1	54.3		ug/Kg		108	70 - 130
Chloroethane	ND		50.1	49.4		ug/Kg		99	60 - 150
Chloroform	ND		50.1	52.0		ug/Kg		104	65 - 135
Chloromethane	ND		50.1	52.2		ug/Kg		104	40 - 145
2-Chlorotoluene	ND		50.1	42.9		ug/Kg		86	60 - 135
4-Chlorotoluene	ND		50.1	44.0		ug/Kg		88	65 - 135
cis-1,2-Dichloroethene	ND		50.1	56.9		ug/Kg		114	65 - 135
cis-1,3-Dichloropropene	ND		50.1	51.8		ug/Kg		103	70 - 135
Dibromochloromethane	ND		50.1	65.3		ug/Kg		130	60 - 145
1,2-Dibromo-3-Chloropropane	ND		50.1	45.9		ug/Kg		92	40 - 150
1,2-Dibromoethane (EDB)	ND	*	50.1	65.5		ug/Kg		131	65 - 140
Dibromomethane	ND		50.1	59.9		ug/Kg		120	65 - 140
1,2-Dichlorobenzene	ND		50.1	55.5		ug/Kg		111	70 - 130
1,3-Dichlorobenzene	ND		50.1	52.4		ug/Kg		105	70 - 130
1,4-Dichlorobenzene	ND		50.1	53.7		ug/Kg		107	70 - 130
Dichlorodifluoromethane	ND		50.1	44.3		ug/Kg		88	30 - 160
1,1-Dichloroethane	ND		50.1	46.7		ug/Kg		93	65 - 135
1,2-Dichloroethane	ND		50.1	57.0		ug/Kg		114	60 - 150
1,1-Dichloroethene	ND		50.1	51.8		ug/Kg		103	65 - 135
1,2-Dichloropropane	ND		50.1	47.3		ug/Kg		94	65 - 130
1,3-Dichloropropane	ND		50.1	53.4		ug/Kg		107	65 - 140
2,2-Dichloropropane	ND		50.1	42.6		ug/Kg		85	65 - 150
1,1-Dichloropropene	ND		50.1	43.1		ug/Kg		86	65 - 135
Ethylbenzene	ND		50.1	46.8		ug/Kg		94	70 - 135
Hexachlorobutadiene	ND		50.1	45.2		ug/Kg		90	50 - 145
Isopropylbenzene	ND		50.1	47.5		ug/Kg		95	70 - 145
Methylene Chloride	ND		50.1	51.6		ug/Kg		103	55 - 145
m,p-Xylene	ND		100	102		ug/Kg		101	70 - 130
Naphthalene	ND		50.1	54.7		ug/Kg		109	40 - 150
n-Butylbenzene	ND		50.1	39.8		ug/Kg		79	55 - 145
N-Propylbenzene	ND		50.1	41.2		ug/Kg		82	65 - 140
o-Xylene	ND		50.1	52.6		ug/Kg		105	65 - 130
p-Isopropyltoluene	ND		50.1	44.5		ug/Kg		89	60 - 140
sec-Butylbenzene	ND		50.1	43.6		ug/Kg		87	60 - 135
Styrene	ND		50.1	49.9		ug/Kg		100	70 - 140
tert-Butylbenzene	ND		50.1	44.2		ug/Kg		88	60 - 140
1,1,1,2-Tetrachloroethane	ND	*	50.1	65.5		ug/Kg		131	65 - 145
1,1,2,2-Tetrachloroethane	ND		50.1	55.2		ug/Kg		110	40 - 160
Tetrachloroethene	ND		50.1	53.3		ug/Kg		106	65 - 135
Toluene	ND		50.1	45.3		ug/Kg		91	70 - 130
trans-1,2-Dichloroethene	ND		50.1	52.6		ug/Kg		105	70 - 135

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-51650-A-1 MS
Matrix: Solid
Analysis Batch: 118352

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
trans-1,3-Dichloropropene	ND		50.1	56.4		ug/Kg		113	60 - 145
1,2,3-Trichlorobenzene	ND		50.1	54.8		ug/Kg		109	45 - 145
1,2,4-Trichlorobenzene	ND		50.1	55.1		ug/Kg		110	50 - 140
1,1,1-Trichloroethane	ND		50.1	51.3		ug/Kg		102	65 - 145
1,1,2-Trichloroethane	ND		50.1	56.8		ug/Kg		113	65 - 140
Trichloroethene	ND		50.1	52.8		ug/Kg		105	65 - 140
Trichlorofluoromethane	ND		50.1	64.6		ug/Kg		129	55 - 155
1,2,3-Trichloropropane	ND		50.1	49.7		ug/Kg		99	50 - 150
1,2,4-Trimethylbenzene	ND		50.1	48.0		ug/Kg		96	65 - 140
1,3,5-Trimethylbenzene	ND		50.1	46.2		ug/Kg		92	65 - 135
Vinyl chloride	ND		50.1	52.3		ug/Kg		104	55 - 140

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*
Dibromofluoromethane (Surr)	*115*		*80 - 125*
Toluene-d8 (Surr)	*110*		*80 - 120*

Lab Sample ID: 440-51650-A-1 MSD
Matrix: Solid
Analysis Batch: 118352

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	ND		49.9	40.5		ug/Kg		81	65 - 130	1	20
Bromobenzene	ND		49.9	54.9		ug/Kg		110	65 - 140	3	25
Bromochloromethane	ND		49.9	69.2		ug/Kg		139	65 - 145	1	25
Bromodichloromethane	ND		49.9	55.4		ug/Kg		111	65 - 145	3	20
Bromoform	ND	*	49.9	70.0		ug/Kg		140	50 - 145	7	30
Bromomethane	ND		49.9	57.4		ug/Kg		115	60 - 155	1	25
Carbon tetrachloride	ND		49.9	56.4		ug/Kg		113	60 - 145	2	25
Chlorobenzene	ND		49.9	49.7		ug/Kg		100	70 - 130	9	25
Chloroethane	ND		49.9	49.5		ug/Kg		99	60 - 150	0	25
Chloroform	ND		49.9	53.0		ug/Kg		106	65 - 135	2	20
Chloromethane	ND		49.9	52.9		ug/Kg		106	40 - 145	1	25
2-Chlorotoluene	ND		49.9	41.6		ug/Kg		83	60 - 135	3	25
4-Chlorotoluene	ND		49.9	42.3		ug/Kg		85	65 - 135	4	25
cis-1,2-Dichloroethene	ND		49.9	56.7		ug/Kg		114	65 - 135	0	25
cis-1,3-Dichloropropene	ND		49.9	50.6		ug/Kg		101	70 - 135	2	25
Dibromochloromethane	ND		49.9	60.9		ug/Kg		122	60 - 145	7	25
1,2-Dibromo-3-Chloropropane	ND		49.9	42.2		ug/Kg		85	40 - 150	8	30
1,2-Dibromoethane (EDB)	ND	*	49.9	60.1		ug/Kg		121	65 - 140	9	25
Dibromomethane	ND		49.9	55.9		ug/Kg		112	65 - 140	7	25
1,2-Dichlorobenzene	ND		49.9	52.1		ug/Kg		105	70 - 130	6	25
1,3-Dichlorobenzene	ND		49.9	50.4		ug/Kg		101	70 - 130	4	25
1,4-Dichlorobenzene	ND		49.9	51.4		ug/Kg		103	70 - 130	4	25
Dichlorodifluoromethane	ND		49.9	44.7		ug/Kg		90	30 - 160	1	35
1,1-Dichloroethane	ND		49.9	46.2		ug/Kg		92	65 - 135	1	25
1,2-Dichloroethane	ND		49.9	56.2		ug/Kg		113	60 - 150	1	25
1,1-Dichloroethene	ND		49.9	52.9		ug/Kg		106	65 - 135	2	25

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-51650-A-1 MSD
Matrix: Solid
Analysis Batch: 118352

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dichloropropane	ND		49.9	46.5		ug/Kg		93	65 - 130	2	20
1,3-Dichloropropane	ND		49.9	48.6		ug/Kg		97	65 - 140	9	25
2,2-Dichloropropane	ND		49.9	43.8		ug/Kg		88	65 - 150	3	25
1,1-Dichloropropene	ND		49.9	43.8		ug/Kg		88	65 - 135	2	20
Ethylbenzene	ND		49.9	45.1		ug/Kg		90	70 - 135	4	25
Hexachlorobutadiene	ND		49.9	44.4		ug/Kg		89	50 - 145	2	35
Isopropylbenzene	ND		49.9	46.3		ug/Kg		93	70 - 145	3	25
Methylene Chloride	ND		49.9	49.7		ug/Kg		100	55 - 145	4	25
m,p-Xylene	ND		99.8	96.0		ug/Kg		96	70 - 130	6	25
Naphthalene	ND		49.9	52.5		ug/Kg		105	40 - 150	4	40
n-Butylbenzene	ND		49.9	39.1		ug/Kg		78	55 - 145	2	30
N-Propylbenzene	ND		49.9	40.2		ug/Kg		81	65 - 140	2	25
o-Xylene	ND		49.9	48.6		ug/Kg		97	65 - 130	8	25
p-Isopropyltoluene	ND		49.9	43.5		ug/Kg		87	60 - 140	2	25
sec-Butylbenzene	ND		49.9	42.5		ug/Kg		85	60 - 135	3	25
Styrene	ND		49.9	46.9		ug/Kg		94	70 - 140	6	25
tert-Butylbenzene	ND		49.9	44.1		ug/Kg		88	60 - 140	0	25
1,1,1,2-Tetrachloroethane	ND	*	49.9	61.4		ug/Kg		123	65 - 145	6	20
1,1,2,2-Tetrachloroethane	ND		49.9	51.5		ug/Kg		103	40 - 160	7	30
Tetrachloroethene	ND		49.9	52.3		ug/Kg		105	65 - 135	2	25
Toluene	ND		49.9	44.2		ug/Kg		89	70 - 130	3	20
trans-1,2-Dichloroethene	ND		49.9	53.3		ug/Kg		107	70 - 135	1	25
trans-1,3-Dichloropropene	ND		49.9	55.6		ug/Kg		111	60 - 145	1	25
1,2,3-Trichlorobenzene	ND		49.9	51.9		ug/Kg		104	45 - 145	6	30
1,2,4-Trichlorobenzene	ND		49.9	52.2		ug/Kg		105	50 - 140	5	30
1,1,1-Trichloroethane	ND		49.9	52.6		ug/Kg		105	65 - 145	3	20
1,1,2-Trichloroethane	ND		49.9	54.6		ug/Kg		110	65 - 140	4	30
Trichloroethene	ND		49.9	52.6		ug/Kg		105	65 - 140	0	25
Trichlorofluoromethane	ND		49.9	65.4		ug/Kg		131	55 - 155	1	25
1,2,3-Trichloropropane	ND		49.9	45.6		ug/Kg		91	50 - 150	9	30
1,2,4-Trimethylbenzene	ND		49.9	47.4		ug/Kg		95	65 - 140	1	25
1,3,5-Trimethylbenzene	ND		49.9	45.6		ug/Kg		91	65 - 135	1	25
Vinyl chloride	ND		49.9	51.8		ug/Kg		104	55 - 140	1	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*80 - 120*
Dibromofluoromethane (Surr)	*115*		*80 - 125*
Toluene-d8 (Surr)	*112*		*80 - 120*

Lab Sample ID: MB 440-118359/5
Matrix: Water
Analysis Batch: 118359

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			07/18/13 09:35	1
Bromobenzene	ND		1.0		ug/L			07/18/13 09:35	1
Bromochloromethane	ND		1.0		ug/L			07/18/13 09:35	1
Bromodichloromethane	ND		1.0		ug/L			07/18/13 09:35	1

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 440-118359/5
Matrix: Water
Analysis Batch: 118359

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		1.0		ug/L			07/18/13 09:35	1
Bromomethane	ND		1.0		ug/L			07/18/13 09:35	1
Carbon tetrachloride	ND		0.50		ug/L			07/18/13 09:35	1
Chlorobenzene	ND		1.0		ug/L			07/18/13 09:35	1
Chloroethane	ND		1.0		ug/L			07/18/13 09:35	1
Chloroform	ND		1.0		ug/L			07/18/13 09:35	1
Chloromethane	ND		1.0		ug/L			07/18/13 09:35	1
2-Chlorotoluene	ND		1.0		ug/L			07/18/13 09:35	1
4-Chlorotoluene	ND		1.0		ug/L			07/18/13 09:35	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			07/18/13 09:35	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			07/18/13 09:35	1
Dibromochloromethane	ND		1.0		ug/L			07/18/13 09:35	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/L			07/18/13 09:35	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			07/18/13 09:35	1
Dibromomethane	ND		1.0		ug/L			07/18/13 09:35	1
1,2-Dichlorobenzene	ND		1.0		ug/L			07/18/13 09:35	1
1,3-Dichlorobenzene	ND		1.0		ug/L			07/18/13 09:35	1
1,4-Dichlorobenzene	ND		1.0		ug/L			07/18/13 09:35	1
Dichlorodifluoromethane	ND		5.0		ug/L			07/18/13 09:35	1
1,1-Dichloroethane	ND		1.0		ug/L			07/18/13 09:35	1
1,2-Dichloroethane	ND		0.50		ug/L			07/18/13 09:35	1
1,1-Dichloroethene	ND		1.0		ug/L			07/18/13 09:35	1
1,2-Dichloropropane	ND		1.0		ug/L			07/18/13 09:35	1
1,3-Dichloropropane	ND		1.0		ug/L			07/18/13 09:35	1
2,2-Dichloropropane	ND		1.0		ug/L			07/18/13 09:35	1
1,1-Dichloropropene	ND		1.0		ug/L			07/18/13 09:35	1
Ethylbenzene	ND		1.0		ug/L			07/18/13 09:35	1
Hexachlorobutadiene	ND		1.0		ug/L			07/18/13 09:35	1
Isopropylbenzene	ND		1.0		ug/L			07/18/13 09:35	1
Methylene Chloride	ND		5.0		ug/L			07/18/13 09:35	1
m,p-Xylene	ND		1.0		ug/L			07/18/13 09:35	1
Naphthalene	ND		1.0		ug/L			07/18/13 09:35	1
n-Butylbenzene	ND		1.0		ug/L			07/18/13 09:35	1
N-Propylbenzene	ND		1.0		ug/L			07/18/13 09:35	1
o-Xylene	ND		1.0		ug/L			07/18/13 09:35	1
p-Isopropyltoluene	ND		1.0		ug/L			07/18/13 09:35	1
sec-Butylbenzene	ND		1.0		ug/L			07/18/13 09:35	1
Styrene	ND		1.0		ug/L			07/18/13 09:35	1
tert-Butylbenzene	ND		1.0		ug/L			07/18/13 09:35	1
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			07/18/13 09:35	1
1,1,2,2-Tetrachloroethane	ND		1.0		ug/L			07/18/13 09:35	1
Tetrachloroethene	ND		1.0		ug/L			07/18/13 09:35	1
Toluene	ND		1.0		ug/L			07/18/13 09:35	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			07/18/13 09:35	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			07/18/13 09:35	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			07/18/13 09:35	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			07/18/13 09:35	1
1,1,1-Trichloroethane	ND		1.0		ug/L			07/18/13 09:35	1

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 440-118359/5
Matrix: Water
Analysis Batch: 118359

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			07/18/13 09:35	1
Trichloroethene	ND		1.0		ug/L			07/18/13 09:35	1
Trichlorofluoromethane	ND		1.0		ug/L			07/18/13 09:35	1
1,2,3-Trichloropropane	ND		1.0		ug/L			07/18/13 09:35	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			07/18/13 09:35	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			07/18/13 09:35	1
Vinyl chloride	ND		0.50		ug/L			07/18/13 09:35	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*		*07/18/13 09:35*	*1*
Dibromofluoromethane (Surr)	*111*		*80 - 120*		*07/18/13 09:35*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*07/18/13 09:35*	*1*

Lab Sample ID: LCS 440-118359/6
Matrix: Water
Analysis Batch: 118359

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	25.0	19.5		ug/L		78	68 - 130
Bromobenzene	25.0	28.1		ug/L		112	70 - 130
Bromochloromethane	25.0	28.4		ug/L		113	70 - 130
Bromodichloromethane	25.0	30.7		ug/L		123	70 - 132
Bromoform	25.0	32.0		ug/L		128	60 - 148
Bromomethane	25.0	28.3		ug/L		113	64 - 139
Carbon tetrachloride	25.0	37.1		ug/L		148	60 - 150
Chlorobenzene	25.0	25.1		ug/L		100	70 - 130
Chloroethane	25.0	26.7		ug/L		107	64 - 135
Chloroform	25.0	27.9		ug/L		111	70 - 130
Chloromethane	25.0	28.3		ug/L		113	47 - 140
2-Chlorotoluene	25.0	23.0		ug/L		92	70 - 130
4-Chlorotoluene	25.0	23.5		ug/L		94	70 - 130
cis-1,2-Dichloroethene	25.0	24.9		ug/L		100	70 - 133
cis-1,3-Dichloropropene	25.0	24.6		ug/L		98	70 - 133
Dibromochloromethane	25.0	35.2		ug/L		141	69 - 145
1,2-Dibromo-3-Chloropropane	25.0	25.2		ug/L		101	52 - 140
1,2-Dibromoethane (EDB)	25.0	28.3		ug/L		113	70 - 130
Dibromomethane	25.0	25.8		ug/L		103	70 - 130
1,2-Dichlorobenzene	25.0	25.1		ug/L		100	70 - 130
1,3-Dichlorobenzene	25.0	25.5		ug/L		102	70 - 130
1,4-Dichlorobenzene	25.0	25.3		ug/L		101	70 - 130
Dichlorodifluoromethane	25.0	29.5		ug/L		118	29 - 150
1,1-Dichloroethane	25.0	24.8		ug/L		99	64 - 130
1,2-Dichloroethane	25.0	33.4		ug/L		134	57 - 138
1,1-Dichloroethene	25.0	24.5		ug/L		98	70 - 130
1,2-Dichloropropane	25.0	22.1		ug/L		88	67 - 130
1,3-Dichloropropane	25.0	22.8		ug/L		91	70 - 130
2,2-Dichloropropane	25.0	28.1		ug/L		112	68 - 141
1,1-Dichloropropene	25.0	25.6		ug/L		102	70 - 130

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 440-118359/6
Matrix: Water
Analysis Batch: 118359

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	25.0	24.2		ug/L		97	70 - 130
Hexachlorobutadiene	25.0	28.5		ug/L		114	10 - 150
Isopropylbenzene	25.0	24.8		ug/L		99	70 - 136
Methylene Chloride	25.0	22.2		ug/L		89	52 - 130
m,p-Xylene	50.0	47.1		ug/L		94	70 - 130
Naphthalene	25.0	23.5		ug/L		94	60 - 140
n-Butylbenzene	25.0	22.2		ug/L		89	65 - 150
N-Propylbenzene	25.0	22.7		ug/L		91	67 - 139
o-Xylene	25.0	24.0		ug/L		96	70 - 130
p-Isopropyltoluene	25.0	25.5		ug/L		102	70 - 132
sec-Butylbenzene	25.0	23.0		ug/L		92	70 - 138
Styrene	25.0	23.4		ug/L		93	70 - 134
tert-Butylbenzene	25.0	26.6		ug/L		106	70 - 130
1,1,1,2-Tetrachloroethane	25.0	32.8		ug/L		131	60 - 141
1,1,2,2-Tetrachloroethane	25.0	20.8		ug/L		83	63 - 130
Tetrachloroethene	25.0	27.7		ug/L		111	70 - 130
Toluene	25.0	21.8		ug/L		87	70 - 130
trans-1,2-Dichloroethene	25.0	24.9		ug/L		100	70 - 130
trans-1,3-Dichloropropene	25.0	27.5		ug/L		110	70 - 132
1,2,3-Trichlorobenzene	25.0	26.6		ug/L		106	60 - 140
1,2,4-Trichlorobenzene	25.0	26.2		ug/L		105	60 - 140
1,1,1-Trichloroethane	25.0	32.0		ug/L		128	70 - 130
1,1,2-Trichloroethane	25.0	22.9		ug/L		92	70 - 130
Trichloroethene	25.0	26.0		ug/L		104	70 - 130
Trichlorofluoromethane	25.0	41.1	*	ug/L		164	60 - 150
1,2,3-Trichloropropane	25.0	21.3		ug/L		85	63 - 130
1,2,4-Trimethylbenzene	25.0	24.4		ug/L		98	70 - 135
1,3,5-Trimethylbenzene	25.0	24.3		ug/L		97	70 - 136
Vinyl chloride	25.0	28.8		ug/L		115	59 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*
Dibromofluoromethane (Surr)	*111*		*80 - 120*
Toluene-d8 (Surr)	*96*		*80 - 120*

Lab Sample ID: 440-51788-A-4 MS
Matrix: Water
Analysis Batch: 118359

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND		25.0	18.4		ug/L		74	66 - 130
Bromobenzene	ND		25.0	25.9		ug/L		103	70 - 130
Bromochloromethane	ND		25.0	28.6		ug/L		114	70 - 130
Bromodichloromethane	ND		25.0	30.2		ug/L		121	70 - 138
Bromoform	ND		25.0	31.6		ug/L		126	59 - 150
Bromomethane	ND		25.0	26.8		ug/L		107	62 - 131
Carbon tetrachloride	ND		25.0	33.5		ug/L		134	60 - 150
Chlorobenzene	ND		25.0	23.6		ug/L		94	70 - 130

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-51788-A-4 MS
Matrix: Water
Analysis Batch: 118359

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroethane	ND		25.0	23.5		ug/L		94	68 - 130
Chloroform	ND		25.0	26.6		ug/L		106	70 - 130
Chloromethane	ND		25.0	25.9		ug/L		104	39 - 144
2-Chlorotoluene	ND		25.0	20.7		ug/L		83	70 - 130
4-Chlorotoluene	ND		25.0	21.4		ug/L		85	70 - 130
cis-1,2-Dichloroethene	1.7		25.0	25.6		ug/L		96	70 - 130
cis-1,3-Dichloropropene	ND		25.0	23.9		ug/L		96	70 - 133
Dibromochloromethane	ND		25.0	33.4		ug/L		134	70 - 148
1,2-Dibromo-3-Chloropropane	ND		25.0	23.6		ug/L		95	48 - 140
1,2-Dibromoethane (EDB)	ND		25.0	26.9		ug/L		108	70 - 131
Dibromomethane	ND		25.0	26.0		ug/L		104	70 - 130
1,2-Dichlorobenzene	ND		25.0	23.9		ug/L		96	70 - 130
1,3-Dichlorobenzene	ND		25.0	24.0		ug/L		96	70 - 130
1,4-Dichlorobenzene	ND		25.0	23.3		ug/L		93	70 - 130
Dichlorodifluoromethane	ND		25.0	25.9		ug/L		104	25 - 142
1,1-Dichloroethane	ND		25.0	24.3		ug/L		93	65 - 130
1,2-Dichloroethane	0.53		25.0	33.8		ug/L		133	56 - 146
1,1-Dichloroethene	15		25.0	35.4		ug/L		81	70 - 130
1,2-Dichloropropane	ND		25.0	21.0		ug/L		84	69 - 130
1,3-Dichloropropane	ND		25.0	22.4		ug/L		90	70 - 130
2,2-Dichloropropane	ND		25.0	26.7		ug/L		107	69 - 138
1,1-Dichloropropene	ND		25.0	23.0		ug/L		92	64 - 130
Ethylbenzene	ND		25.0	22.1		ug/L		88	70 - 130
Hexachlorobutadiene	ND		25.0	26.6		ug/L		106	10 - 150
Isopropylbenzene	ND		25.0	21.6		ug/L		86	70 - 132
Methylene Chloride	ND		25.0	21.4		ug/L		86	52 - 130
m,p-Xylene	ND		50.0	43.5		ug/L		87	70 - 133
Naphthalene	ND		25.0	22.6		ug/L		91	60 - 140
n-Butylbenzene	ND		25.0	20.4		ug/L		82	61 - 149
N-Propylbenzene	ND		25.0	20.2		ug/L		81	66 - 135
o-Xylene	ND		25.0	22.0		ug/L		88	70 - 133
p-Isopropyltoluene	ND		25.0	23.0		ug/L		92	70 - 130
sec-Butylbenzene	ND		25.0	20.5		ug/L		82	67 - 134
Styrene	ND		25.0	19.5		ug/L		78	29 - 150
tert-Butylbenzene	ND		25.0	23.6		ug/L		94	70 - 130
1,1,1,2-Tetrachloroethane	ND		25.0	30.7		ug/L		123	60 - 149
1,1,2,2-Tetrachloroethane	ND		25.0	19.3		ug/L		77	63 - 130
Tetrachloroethene	9.2		25.0	32.7		ug/L		94	70 - 137
Toluene	ND		25.0	20.6		ug/L		83	70 - 130
trans-1,2-Dichloroethene	ND		25.0	22.7		ug/L		91	70 - 130
trans-1,3-Dichloropropene	ND		25.0	27.2		ug/L		109	70 - 138
1,2,3-Trichlorobenzene	ND		25.0	26.0		ug/L		104	60 - 140
1,2,4-Trichlorobenzene	ND		25.0	25.4		ug/L		102	60 - 140
1,1,1-Trichloroethane	ND		25.0	29.2		ug/L		117	70 - 130
1,1,2-Trichloroethane	ND		25.0	22.9		ug/L		92	70 - 130
Trichloroethene	78		25.0	93.8	F	ug/L		65	70 - 130
Trichlorofluoromethane	ND	*	25.0	37.0		ug/L		148	60 - 150
1,2,3-Trichloropropane	ND		25.0	20.4		ug/L		82	60 - 130

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-51788-A-4 MS
Matrix: Water
Analysis Batch: 118359

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trimethylbenzene	ND		25.0	21.1		ug/L		85	70 - 130
1,3,5-Trimethylbenzene	ND		25.0	21.6		ug/L		87	70 - 130
Vinyl chloride	ND		25.0	25.8		ug/L		103	50 - 137

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*
Dibromofluoromethane (Surr)	*113*		*80 - 120*
Toluene-d8 (Surr)	*97*		*80 - 120*

Lab Sample ID: 440-51788-A-4 MSD
Matrix: Water
Analysis Batch: 118359

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	ND		25.0	19.0		ug/L		76	66 - 130	3	20
Bromobenzene	ND		25.0	27.4		ug/L		110	70 - 130	6	20
Bromochloromethane	ND		25.0	28.0		ug/L		112	70 - 130	2	25
Bromodichloromethane	ND		25.0	31.0		ug/L		124	70 - 138	3	20
Bromoform	ND		25.0	32.0		ug/L		128	59 - 150	1	25
Bromomethane	ND		25.0	27.1		ug/L		108	62 - 131	1	25
Carbon tetrachloride	ND		25.0	34.2		ug/L		137	60 - 150	2	25
Chlorobenzene	ND		25.0	24.0		ug/L		96	70 - 130	2	20
Chloroethane	ND		25.0	24.6		ug/L		98	68 - 130	5	25
Chloroform	ND		25.0	27.3		ug/L		109	70 - 130	3	20
Chloromethane	ND		25.0	27.8		ug/L		111	39 - 144	7	25
2-Chlorotoluene	ND		25.0	21.6		ug/L		86	70 - 130	4	20
4-Chlorotoluene	ND		25.0	22.4		ug/L		90	70 - 130	5	20
cis-1,2-Dichloroethene	1.7		25.0	26.3		ug/L		98	70 - 130	3	20
cis-1,3-Dichloropropene	ND		25.0	25.1		ug/L		101	70 - 133	5	20
Dibromochloromethane	ND		25.0	34.6		ug/L		139	70 - 148	4	25
1,2-Dibromo-3-Chloropropane	ND		25.0	24.2		ug/L		97	48 - 140	2	30
1,2-Dibromoethane (EDB)	ND		25.0	27.6		ug/L		111	70 - 131	3	25
Dibromomethane	ND		25.0	26.1		ug/L		104	70 - 130	0	25
1,2-Dichlorobenzene	ND		25.0	24.8		ug/L		99	70 - 130	4	20
1,3-Dichlorobenzene	ND		25.0	24.9		ug/L		99	70 - 130	4	20
1,4-Dichlorobenzene	ND		25.0	24.8		ug/L		99	70 - 130	6	20
Dichlorodifluoromethane	ND		25.0	26.7		ug/L		107	25 - 142	3	30
1,1-Dichloroethane	ND		25.0	24.9		ug/L		96	65 - 130	3	20
1,2-Dichloroethane	0.53		25.0	34.1		ug/L		134	56 - 146	1	20
1,1-Dichloroethene	15		25.0	37.6		ug/L		90	70 - 130	6	20
1,2-Dichloropropane	ND		25.0	21.4		ug/L		86	69 - 130	2	20
1,3-Dichloropropane	ND		25.0	22.2		ug/L		89	70 - 130	1	25
2,2-Dichloropropane	ND		25.0	27.0		ug/L		108	69 - 138	1	25
1,1-Dichloropropene	ND		25.0	23.6		ug/L		94	64 - 130	2	20
Ethylbenzene	ND		25.0	22.6		ug/L		90	70 - 130	2	20
Hexachlorobutadiene	ND		25.0	27.7		ug/L		111	10 - 150	4	20
Isopropylbenzene	ND		25.0	22.8		ug/L		91	70 - 132	5	20
Methylene Chloride	ND		25.0	22.2		ug/L		89	52 - 130	4	20

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-51788-A-4 MSD
Matrix: Water
Analysis Batch: 118359

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
m,p-Xylene	ND		50.0	44.8		ug/L		90	70 - 133	3	25
Naphthalene	ND		25.0	24.2		ug/L		97	60 - 140	7	30
n-Butylbenzene	ND		25.0	21.1		ug/L		84	61 - 149	3	20
N-Propylbenzene	ND		25.0	20.9		ug/L		84	66 - 135	4	20
o-Xylene	ND		25.0	22.7		ug/L		91	70 - 133	3	20
p-Isopropyltoluene	ND		25.0	23.9		ug/L		95	70 - 130	4	20
sec-Butylbenzene	ND		25.0	21.3		ug/L		85	67 - 134	4	20
Styrene	ND		25.0	18.7		ug/L		75	29 - 150	4	30
tert-Butylbenzene	ND		25.0	24.6		ug/L		99	70 - 130	4	20
1,1,1,2-Tetrachloroethane	ND		25.0	31.9		ug/L		127	60 - 149	4	20
1,1,2,2-Tetrachloroethane	ND		25.0	19.9		ug/L		80	63 - 130	3	30
Tetrachloroethene	9.2		25.0	33.6		ug/L		97	70 - 137	3	20
Toluene	ND		25.0	21.3		ug/L		85	70 - 130	3	20
trans-1,2-Dichloroethene	ND		25.0	24.4		ug/L		98	70 - 130	7	20
trans-1,3-Dichloropropene	ND		25.0	27.9		ug/L		112	70 - 138	3	25
1,2,3-Trichlorobenzene	ND		25.0	27.8		ug/L		111	60 - 140	7	20
1,2,4-Trichlorobenzene	ND		25.0	27.4		ug/L		110	60 - 140	8	20
1,1,1-Trichloroethane	ND		25.0	29.9		ug/L		120	70 - 130	2	20
1,1,2-Trichloroethane	ND		25.0	22.8		ug/L		91	70 - 130	1	25
Trichloroethene	78		25.0	98.0		ug/L		81	70 - 130	4	20
Trichlorofluoromethane	ND	*	25.0	38.0	F	ug/L		152	60 - 150	3	25
1,2,3-Trichloropropane	ND		25.0	20.9		ug/L		84	60 - 130	2	30
1,2,4-Trimethylbenzene	ND		25.0	21.8		ug/L		87	70 - 130	3	25
1,3,5-Trimethylbenzene	ND		25.0	22.6		ug/L		90	70 - 130	4	20
Vinyl chloride	ND		25.0	27.3		ug/L		109	50 - 137	6	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*
Dibromofluoromethane (Surr)	*111*		*80 - 120*
Toluene-d8 (Surr)	*96*		*80 - 120*

Lab Sample ID: MB 440-118544/3
Matrix: Solid
Analysis Batch: 118544

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		100		ug/Kg			07/18/13 18:41	100
Bromobenzene	ND		250		ug/Kg			07/18/13 18:41	100
Bromochloromethane	ND		250		ug/Kg			07/18/13 18:41	100
Bromodichloromethane	ND		100		ug/Kg			07/18/13 18:41	100
Bromoform	ND		250		ug/Kg			07/18/13 18:41	100
Bromomethane	ND		250		ug/Kg			07/18/13 18:41	100
Carbon tetrachloride	ND		250		ug/Kg			07/18/13 18:41	100
Chlorobenzene	ND		100		ug/Kg			07/18/13 18:41	100
Chloroethane	ND		250		ug/Kg			07/18/13 18:41	100
Chloroform	ND		100		ug/Kg			07/18/13 18:41	100
Chloromethane	ND		250		ug/Kg			07/18/13 18:41	100
2-Chlorotoluene	ND		250		ug/Kg			07/18/13 18:41	100

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 440-118544/3
Matrix: Solid
Analysis Batch: 118544

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorotoluene	ND		250		ug/Kg			07/18/13 18:41	100
cis-1,2-Dichloroethene	ND		100		ug/Kg			07/18/13 18:41	100
cis-1,3-Dichloropropene	ND		100		ug/Kg			07/18/13 18:41	100
Dibromochloromethane	ND		100		ug/Kg			07/18/13 18:41	100
1,2-Dibromo-3-Chloropropane	ND		250		ug/Kg			07/18/13 18:41	100
1,2-Dibromoethane (EDB)	ND		100		ug/Kg			07/18/13 18:41	100
Dibromomethane	ND		100		ug/Kg			07/18/13 18:41	100
1,2-Dichlorobenzene	ND		100		ug/Kg			07/18/13 18:41	100
1,3-Dichlorobenzene	ND		100		ug/Kg			07/18/13 18:41	100
1,4-Dichlorobenzene	ND		100		ug/Kg			07/18/13 18:41	100
Dichlorodifluoromethane	ND		250		ug/Kg			07/18/13 18:41	100
1,1-Dichloroethane	ND		100		ug/Kg			07/18/13 18:41	100
1,2-Dichloroethane	ND		100		ug/Kg			07/18/13 18:41	100
1,1-Dichloroethene	ND		250		ug/Kg			07/18/13 18:41	100
1,2-Dichloropropane	ND		100		ug/Kg			07/18/13 18:41	100
1,3-Dichloropropane	ND		100		ug/Kg			07/18/13 18:41	100
2,2-Dichloropropane	ND		100		ug/Kg			07/18/13 18:41	100
1,1-Dichloropropene	ND		100		ug/Kg			07/18/13 18:41	100
Ethylbenzene	ND		100		ug/Kg			07/18/13 18:41	100
Hexachlorobutadiene	ND		250		ug/Kg			07/18/13 18:41	100
Isopropylbenzene	ND		100		ug/Kg			07/18/13 18:41	100
Methylene Chloride	ND		1000		ug/Kg			07/18/13 18:41	100
m,p-Xylene	ND		100		ug/Kg			07/18/13 18:41	100
Naphthalene	ND		250		ug/Kg			07/18/13 18:41	100
n-Butylbenzene	ND		250		ug/Kg			07/18/13 18:41	100
N-Propylbenzene	ND		100		ug/Kg			07/18/13 18:41	100
o-Xylene	ND		100		ug/Kg			07/18/13 18:41	100
p-Isopropyltoluene	ND		100		ug/Kg			07/18/13 18:41	100
sec-Butylbenzene	ND		250		ug/Kg			07/18/13 18:41	100
Styrene	ND		100		ug/Kg			07/18/13 18:41	100
tert-Butylbenzene	ND		250		ug/Kg			07/18/13 18:41	100
1,1,1,2-Tetrachloroethane	ND		250		ug/Kg			07/18/13 18:41	100
1,1,2,2-Tetrachloroethane	ND		100		ug/Kg			07/18/13 18:41	100
Tetrachloroethene	ND		100		ug/Kg			07/18/13 18:41	100
Toluene	ND		100		ug/Kg			07/18/13 18:41	100
trans-1,2-Dichloroethene	ND		100		ug/Kg			07/18/13 18:41	100
trans-1,3-Dichloropropene	ND		100		ug/Kg			07/18/13 18:41	100
1,2,3-Trichlorobenzene	ND		250		ug/Kg			07/18/13 18:41	100
1,2,4-Trichlorobenzene	ND		250		ug/Kg			07/18/13 18:41	100
1,1,1-Trichloroethane	ND		100		ug/Kg			07/18/13 18:41	100
1,1,2-Trichloroethane	ND		100		ug/Kg			07/18/13 18:41	100
Trichloroethene	ND		100		ug/Kg			07/18/13 18:41	100
Trichlorofluoromethane	ND		250		ug/Kg			07/18/13 18:41	100
1,2,3-Trichloropropane	ND		500		ug/Kg			07/18/13 18:41	100
1,2,4-Trimethylbenzene	ND		100		ug/Kg			07/18/13 18:41	100
1,3,5-Trimethylbenzene	ND		100		ug/Kg			07/18/13 18:41	100
Vinyl chloride	ND		250		ug/Kg			07/18/13 18:41	100

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 440-118544/3
Matrix: Solid
Analysis Batch: 118544

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		65 - 140		07/18/13 18:41	100
Dibromofluoromethane (Surr)	101		55 - 140		07/18/13 18:41	100
Toluene-d8 (Surr)	111		60 - 140		07/18/13 18:41	100

Lab Sample ID: LCS 440-118544/4
Matrix: Solid
Analysis Batch: 118544

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	2500	2340		ug/Kg		94	65 - 120
Bromobenzene	2500	2820		ug/Kg		113	70 - 120
Bromochloromethane	2500	2570		ug/Kg		103	65 - 125
Bromodichloromethane	2500	2670		ug/Kg		107	65 - 135
Bromoform	2500	2990		ug/Kg		119	50 - 130
Bromomethane	2500	2430		ug/Kg		97	30 - 140
Carbon tetrachloride	2500	2840		ug/Kg		114	65 - 145
Chlorobenzene	2500	2460		ug/Kg		99	70 - 125
Chloroethane	2500	2480		ug/Kg		99	40 - 140
Chloroform	2500	2510		ug/Kg		100	75 - 130
Chloromethane	2500	2090		ug/Kg		83	30 - 140
2-Chlorotoluene	2500	2520		ug/Kg		101	70 - 125
4-Chlorotoluene	2500	2640		ug/Kg		105	70 - 125
cis-1,2-Dichloroethene	2500	2580		ug/Kg		103	65 - 130
cis-1,3-Dichloropropene	2500	2860		ug/Kg		115	70 - 130
Dibromochloromethane	2500	2690		ug/Kg		108	65 - 140
1,2-Dibromo-3-Chloropropane	2500	3200		ug/Kg		128	45 - 135
1,2-Dibromoethane (EDB)	2500	2950		ug/Kg		118	70 - 130
Dibromomethane	2500	2530		ug/Kg		101	65 - 130
1,2-Dichlorobenzene	2500	2740		ug/Kg		110	70 - 120
1,3-Dichlorobenzene	2500	2710		ug/Kg		108	70 - 125
1,4-Dichlorobenzene	2500	2730		ug/Kg		109	70 - 125
Dichlorodifluoromethane	2500	1960		ug/Kg		79	10 - 155
1,1-Dichloroethane	2500	2220		ug/Kg		89	65 - 130
1,2-Dichloroethane	2500	2330		ug/Kg		93	60 - 145
1,1-Dichloroethene	2500	2600		ug/Kg		104	75 - 140
1,2-Dichloropropane	2500	2470		ug/Kg		99	75 - 125
1,3-Dichloropropane	2500	2380		ug/Kg		95	65 - 130
2,2-Dichloropropane	2500	2690		ug/Kg		108	60 - 145
1,1-Dichloropropene	2500	2510		ug/Kg		101	70 - 130
Ethylbenzene	2500	2510		ug/Kg		101	80 - 120
Hexachlorobutadiene	2500	2850		ug/Kg		114	60 - 135
Isopropylbenzene	2500	2690		ug/Kg		107	70 - 125
Methylene Chloride	2500	2690		ug/Kg		108	60 - 140
m,p-Xylene	5000	5050		ug/Kg		101	70 - 125
Naphthalene	2500	2800		ug/Kg		112	50 - 140
n-Butylbenzene	2500	2700		ug/Kg		108	70 - 130
N-Propylbenzene	2500	2640		ug/Kg		105	70 - 130
o-Xylene	2500	2550		ug/Kg		102	70 - 125

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 440-118544/4
Matrix: Solid
Analysis Batch: 118544

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
p-Isopropyltoluene	2500	2600		ug/Kg		104	70 - 125
sec-Butylbenzene	2500	2610		ug/Kg		104	70 - 125
Styrene	2500	2610		ug/Kg		104	70 - 135
tert-Butylbenzene	2500	2660		ug/Kg		107	70 - 125
1,1,1,2-Tetrachloroethane	2500	2750		ug/Kg		110	70 - 140
1,1,2,2-Tetrachloroethane	2500	2800		ug/Kg		112	55 - 135
Tetrachloroethene	2500	2460		ug/Kg		98	65 - 125
Toluene	2500	2450		ug/Kg		98	80 - 120
trans-1,2-Dichloroethene	2500	2590		ug/Kg		103	65 - 130
trans-1,3-Dichloropropene	2500	2770		ug/Kg		111	65 - 135
1,2,3-Trichlorobenzene	2500	2940		ug/Kg		118	60 - 135
1,2,4-Trichlorobenzene	2500	3100		ug/Kg		124	65 - 135
1,1,1-Trichloroethane	2500	2390		ug/Kg		96	65 - 140
1,1,2-Trichloroethane	2500	2680		ug/Kg		107	65 - 130
Trichloroethene	2500	2630		ug/Kg		105	70 - 130
Trichlorofluoromethane	2500	3090		ug/Kg		124	50 - 145
1,2,3-Trichloropropane	2500	2660		ug/Kg		106	55 - 130
1,2,4-Trimethylbenzene	2500	2680		ug/Kg		107	70 - 125
1,3,5-Trimethylbenzene	2500	2610		ug/Kg		104	70 - 125
Vinyl chloride	2500	548		ug/Kg		22	10 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*65 - 140*
Dibromofluoromethane (Surr)	*100*		*55 - 140*
Toluene-d8 (Surr)	*111*		*60 - 140*

Lab Sample ID: LCSD 440-118544/17
Matrix: Solid
Analysis Batch: 118544

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	2500	2330		ug/Kg		93	65 - 120	1	20
Bromobenzene	2500	3020	*	ug/Kg		121	70 - 120	7	20
Bromochloromethane	2500	2520		ug/Kg		101	65 - 125	2	20
Bromodichloromethane	2500	2780		ug/Kg		111	65 - 135	4	20
Bromoform	2500	3120		ug/Kg		125	50 - 130	4	25
Bromomethane	2500	2350		ug/Kg		94	30 - 140	4	30
Carbon tetrachloride	2500	3160		ug/Kg		127	65 - 145	11	20
Chlorobenzene	2500	2490		ug/Kg		100	70 - 125	1	20
Chloroethane	2500	2290		ug/Kg		92	40 - 140	8	25
Chloroform	2500	2470		ug/Kg		99	75 - 130	1	20
Chloromethane	2500	2020		ug/Kg		81	30 - 140	3	25
2-Chlorotoluene	2500	2430		ug/Kg		97	70 - 125	4	20
4-Chlorotoluene	2500	2510		ug/Kg		100	70 - 125	5	20
cis-1,2-Dichloroethene	2500	2570		ug/Kg		103	65 - 130	0	20
cis-1,3-Dichloropropene	2500	3000		ug/Kg		120	70 - 130	5	20
Dibromochloromethane	2500	2850		ug/Kg		114	65 - 140	6	20
1,2-Dibromo-3-Chloropropane	2500	2990		ug/Kg		120	45 - 135	7	25

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 440-118544/17
Matrix: Solid
Analysis Batch: 118544

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dibromoethane (EDB)			2500	2860		ug/Kg		114	70 - 130	3	20
Dibromomethane			2500	2520		ug/Kg		101	65 - 130	0	20
1,2-Dichlorobenzene			2500	2730		ug/Kg		109	70 - 120	0	20
1,3-Dichlorobenzene			2500	2730		ug/Kg		109	70 - 125	1	20
1,4-Dichlorobenzene			2500	2620		ug/Kg		105	70 - 125	4	20
Dichlorodifluoromethane			2500	1810		ug/Kg		72	10 - 155	8	30
1,1-Dichloroethane			2500	2220		ug/Kg		89	65 - 130	0	20
1,2-Dichloroethane			2500	2320		ug/Kg		93	60 - 145	1	20
1,1-Dichloroethene			2500	2580		ug/Kg		103	75 - 140	1	20
1,2-Dichloropropane			2500	2510		ug/Kg		100	75 - 125	2	20
1,3-Dichloropropane			2500	2370		ug/Kg		95	65 - 130	0	20
2,2-Dichloropropane			2500	3010		ug/Kg		121	60 - 145	11	25
1,1-Dichloropropene			2500	2560		ug/Kg		102	70 - 130	2	20
Ethylbenzene			2500	2470		ug/Kg		99	80 - 120	2	20
Hexachlorobutadiene			2500	2750		ug/Kg		110	60 - 135	4	20
Isopropylbenzene			2500	2600		ug/Kg		104	70 - 125	3	20
Methylene Chloride			2500	2520		ug/Kg		101	60 - 140	7	20
m,p-Xylene			5000	4960		ug/Kg		99	70 - 125	2	20
Naphthalene			2500	2570		ug/Kg		103	50 - 140	9	25
n-Butylbenzene			2500	2650		ug/Kg		106	70 - 130	2	20
N-Propylbenzene			2500	2550		ug/Kg		102	70 - 130	4	20
o-Xylene			2500	2590		ug/Kg		104	70 - 125	2	20
p-Isopropyltoluene			2500	2550		ug/Kg		102	70 - 125	2	20
sec-Butylbenzene			2500	2590		ug/Kg		103	70 - 125	1	20
Styrene			2500	2610		ug/Kg		105	70 - 135	0	20
tert-Butylbenzene			2500	2560		ug/Kg		102	70 - 125	4	20
1,1,1,2-Tetrachloroethane			2500	2940		ug/Kg		117	70 - 140	6	20
1,1,2,2-Tetrachloroethane			2500	2650		ug/Kg		106	55 - 135	5	25
Tetrachloroethene			2500	2430		ug/Kg		97	65 - 125	1	20
Toluene			2500	2480		ug/Kg		99	80 - 120	1	20
trans-1,2-Dichloroethene			2500	2580		ug/Kg		103	65 - 130	0	20
trans-1,3-Dichloropropene			2500	2940		ug/Kg		118	65 - 135	6	20
1,2,3-Trichlorobenzene			2500	2860		ug/Kg		114	60 - 135	3	20
1,2,4-Trichlorobenzene			2500	2990		ug/Kg		120	65 - 135	4	20
1,1,1-Trichloroethane			2500	2550		ug/Kg		102	65 - 140	6	20
1,1,2-Trichloroethane			2500	2630		ug/Kg		105	65 - 130	2	20
Trichloroethene			2500	2700		ug/Kg		108	70 - 130	3	20
Trichlorofluoromethane			2500	2980		ug/Kg		119	50 - 145	4	25
1,2,3-Trichloropropane			2500	2520		ug/Kg		101	55 - 130	6	25
1,2,4-Trimethylbenzene			2500	2540		ug/Kg		101	70 - 125	5	20
1,3,5-Trimethylbenzene			2500	2580		ug/Kg		103	70 - 125	1	20
Vinyl chloride			2500	518		ug/Kg		21	10 - 120	6	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*65 - 140*
Dibromofluoromethane (Surr)	*99*		*55 - 140*
Toluene-d8 (Surr)	*111*		*60 - 140*

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 440-118625/4
Matrix: Solid
Analysis Batch: 118625

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		100		ug/Kg			07/19/13 09:33	100
Bromobenzene	ND		250		ug/Kg			07/19/13 09:33	100
Bromochloromethane	ND		250		ug/Kg			07/19/13 09:33	100
Bromodichloromethane	ND		100		ug/Kg			07/19/13 09:33	100
Bromoform	ND		250		ug/Kg			07/19/13 09:33	100
Bromomethane	ND		250		ug/Kg			07/19/13 09:33	100
Carbon tetrachloride	ND		250		ug/Kg			07/19/13 09:33	100
Chlorobenzene	ND		100		ug/Kg			07/19/13 09:33	100
Chloroethane	ND		250		ug/Kg			07/19/13 09:33	100
Chloroform	ND		100		ug/Kg			07/19/13 09:33	100
Chloromethane	ND		250		ug/Kg			07/19/13 09:33	100
2-Chlorotoluene	ND		250		ug/Kg			07/19/13 09:33	100
4-Chlorotoluene	ND		250		ug/Kg			07/19/13 09:33	100
cis-1,2-Dichloroethene	ND		100		ug/Kg			07/19/13 09:33	100
cis-1,3-Dichloropropene	ND		100		ug/Kg			07/19/13 09:33	100
Dibromochloromethane	ND		100		ug/Kg			07/19/13 09:33	100
1,2-Dibromo-3-Chloropropane	ND		250		ug/Kg			07/19/13 09:33	100
1,2-Dibromoethane (EDB)	ND		100		ug/Kg			07/19/13 09:33	100
Dibromomethane	ND		100		ug/Kg			07/19/13 09:33	100
1,2-Dichlorobenzene	ND		100		ug/Kg			07/19/13 09:33	100
1,3-Dichlorobenzene	ND		100		ug/Kg			07/19/13 09:33	100
1,4-Dichlorobenzene	ND		100		ug/Kg			07/19/13 09:33	100
Dichlorodifluoromethane	ND		250		ug/Kg			07/19/13 09:33	100
1,1-Dichloroethane	ND		100		ug/Kg			07/19/13 09:33	100
1,2-Dichloroethane	ND		100		ug/Kg			07/19/13 09:33	100
1,1-Dichloroethene	ND		250		ug/Kg			07/19/13 09:33	100
1,2-Dichloropropane	ND		100		ug/Kg			07/19/13 09:33	100
1,3-Dichloropropane	ND		100		ug/Kg			07/19/13 09:33	100
2,2-Dichloropropane	ND		100		ug/Kg			07/19/13 09:33	100
1,1-Dichloropropene	ND		100		ug/Kg			07/19/13 09:33	100
Ethylbenzene	ND		100		ug/Kg			07/19/13 09:33	100
Hexachlorobutadiene	ND		250		ug/Kg			07/19/13 09:33	100
Isopropylbenzene	ND		100		ug/Kg			07/19/13 09:33	100
Methylene Chloride	ND		1000		ug/Kg			07/19/13 09:33	100
m,p-Xylene	ND		100		ug/Kg			07/19/13 09:33	100
Naphthalene	ND		250		ug/Kg			07/19/13 09:33	100
n-Butylbenzene	ND		250		ug/Kg			07/19/13 09:33	100
N-Propylbenzene	ND		100		ug/Kg			07/19/13 09:33	100
o-Xylene	ND		100		ug/Kg			07/19/13 09:33	100
p-Isopropyltoluene	ND		100		ug/Kg			07/19/13 09:33	100
sec-Butylbenzene	ND		250		ug/Kg			07/19/13 09:33	100
Styrene	ND		100		ug/Kg			07/19/13 09:33	100
tert-Butylbenzene	ND		250		ug/Kg			07/19/13 09:33	100
1,1,1,2-Tetrachloroethane	ND		250		ug/Kg			07/19/13 09:33	100
1,1,2,2-Tetrachloroethane	ND		100		ug/Kg			07/19/13 09:33	100
Tetrachloroethene	ND		100		ug/Kg			07/19/13 09:33	100
Toluene	ND		100		ug/Kg			07/19/13 09:33	100
trans-1,2-Dichloroethene	ND		100		ug/Kg			07/19/13 09:33	100

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 440-118625/4
Matrix: Solid
Analysis Batch: 118625

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		100		ug/Kg			07/19/13 09:33	100
1,2,3-Trichlorobenzene	ND		250		ug/Kg			07/19/13 09:33	100
1,2,4-Trichlorobenzene	ND		250		ug/Kg			07/19/13 09:33	100
1,1,1-Trichloroethane	ND		100		ug/Kg			07/19/13 09:33	100
1,1,2-Trichloroethane	ND		100		ug/Kg			07/19/13 09:33	100
Trichloroethene	ND		100		ug/Kg			07/19/13 09:33	100
Trichlorofluoromethane	ND		250		ug/Kg			07/19/13 09:33	100
1,2,3-Trichloropropane	ND		500		ug/Kg			07/19/13 09:33	100
1,2,4-Trimethylbenzene	ND		100		ug/Kg			07/19/13 09:33	100
1,3,5-Trimethylbenzene	ND		100		ug/Kg			07/19/13 09:33	100
Vinyl chloride	ND		250		ug/Kg			07/19/13 09:33	100

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*65 - 140*		*07/19/13 09:33*	*100*
Dibromofluoromethane (Surr)	*106*		*55 - 140*		*07/19/13 09:33*	*100*
Toluene-d8 (Surr)	*103*		*60 - 140*		*07/19/13 09:33*	*100*

Lab Sample ID: LCS 440-118625/5
Matrix: Solid
Analysis Batch: 118625

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	2500	1840		ug/Kg		74	65 - 120
Bromobenzene	2500	2780		ug/Kg		111	70 - 120
Bromochloromethane	2500	3040		ug/Kg		122	65 - 125
Bromodichloromethane	2500	2540		ug/Kg		101	65 - 135
Bromoform	2500	3140		ug/Kg		126	50 - 130
Bromomethane	2500	2300		ug/Kg		92	30 - 140
Carbon tetrachloride	2500	2460		ug/Kg		98	65 - 145
Chlorobenzene	2500	2490		ug/Kg		100	70 - 125
Chloroethane	2500	2010		ug/Kg		80	40 - 140
Chloroform	2500	2360		ug/Kg		94	75 - 130
Chloromethane	2500	1910		ug/Kg		77	30 - 140
2-Chlorotoluene	2500	2130		ug/Kg		85	70 - 125
4-Chlorotoluene	2500	2200		ug/Kg		88	70 - 125
cis-1,2-Dichloroethene	2500	2590		ug/Kg		104	65 - 130
cis-1,3-Dichloropropene	2500	2310		ug/Kg		92	70 - 130
Dibromochloromethane	2500	2840		ug/Kg		114	65 - 140
1,2-Dibromo-3-Chloropropane	2500	1980		ug/Kg		79	45 - 135
1,2-Dibromoethane (EDB)	2500	2760		ug/Kg		110	70 - 130
Dibromomethane	2500	2490		ug/Kg		100	65 - 130
1,2-Dichlorobenzene	2500	2670		ug/Kg		107	70 - 120
1,3-Dichlorobenzene	2500	2610		ug/Kg		104	70 - 125
1,4-Dichlorobenzene	2500	2630		ug/Kg		105	70 - 125
Dichlorodifluoromethane	2500	1340		ug/Kg		53	10 - 155
1,1-Dichloroethane	2500	2120		ug/Kg		85	65 - 130
1,2-Dichloroethane	2500	2500		ug/Kg		100	60 - 145
1,1-Dichloroethene	2500	2240		ug/Kg		90	75 - 140

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 440-118625/5
Matrix: Solid
Analysis Batch: 118625

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloropropane	2500	2110		ug/Kg		84	75 - 125
1,3-Dichloropropane	2500	2270		ug/Kg		91	65 - 130
2,2-Dichloropropane	2500	1840		ug/Kg		74	60 - 145
1,1-Dichloropropene	2500	1930		ug/Kg		77	70 - 130
Ethylbenzene	2500	2210		ug/Kg		88	80 - 120
Hexachlorobutadiene	2500	2440		ug/Kg		98	60 - 135
Isopropylbenzene	2500	2350		ug/Kg		94	70 - 125
Methylene Chloride	2500	2280		ug/Kg		91	60 - 140
m,p-Xylene	5000	4810		ug/Kg		96	70 - 125
Naphthalene	2500	2450		ug/Kg		98	50 - 140
n-Butylbenzene	2500	2060		ug/Kg		82	70 - 130
N-Propylbenzene	2500	2070		ug/Kg		83	70 - 130
o-Xylene	2500	2440		ug/Kg		98	70 - 125
p-Isopropyltoluene	2500	2270		ug/Kg		91	70 - 125
sec-Butylbenzene	2500	2210		ug/Kg		88	70 - 125
Styrene	2500	2310		ug/Kg		92	70 - 135
tert-Butylbenzene	2500	2300		ug/Kg		92	70 - 125
1,1,1,2-Tetrachloroethane	2500	3050		ug/Kg		122	70 - 140
1,1,2,2-Tetrachloroethane	2500	2430		ug/Kg		97	55 - 135
Tetrachloroethene	2500	2500		ug/Kg		100	65 - 125
Toluene	2500	2040		ug/Kg		82	80 - 120
trans-1,2-Dichloroethene	2500	2310		ug/Kg		93	65 - 130
trans-1,3-Dichloropropene	2500	2450		ug/Kg		98	65 - 135
1,2,3-Trichlorobenzene	2500	2620		ug/Kg		105	60 - 135
1,2,4-Trichlorobenzene	2500	2690		ug/Kg		108	65 - 135
1,1,1-Trichloroethane	2500	2290		ug/Kg		92	65 - 140
1,1,2-Trichloroethane	2500	2380		ug/Kg		95	65 - 130
Trichloroethene	2500	2400		ug/Kg		96	70 - 130
Trichlorofluoromethane	2500	2650		ug/Kg		106	50 - 145
1,2,3-Trichloropropane	2500	2140		ug/Kg		86	55 - 130
1,2,4-Trimethylbenzene	2500	2410		ug/Kg		96	70 - 125
1,3,5-Trimethylbenzene	2500	2350		ug/Kg		94	70 - 125
Vinyl chloride	2500	695		ug/Kg		28	10 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*92*		*65 - 140*
Dibromofluoromethane (Surr)	*105*		*55 - 140*
Toluene-d8 (Surr)	*99*		*60 - 140*

Lab Sample ID: LCSD 440-118625/6
Matrix: Solid
Analysis Batch: 118625

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	2500	1910		ug/Kg		76	65 - 120	3	20
Bromobenzene	2500	2900		ug/Kg		116	70 - 120	4	20
Bromochloromethane	2500	3150	*	ug/Kg		126	65 - 125	4	20
Bromodichloromethane	2500	2610		ug/Kg		104	65 - 135	3	20

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 440-118625/6
Matrix: Solid
Analysis Batch: 118625

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bromoform	2500	3270	*	ug/Kg		131	50 - 130	4	25
Bromomethane	2500	2350		ug/Kg		94	30 - 140	2	30
Carbon tetrachloride	2500	2530		ug/Kg		101	65 - 145	3	20
Chlorobenzene	2500	2590		ug/Kg		104	70 - 125	4	20
Chloroethane	2500	2070		ug/Kg		83	40 - 140	3	25
Chloroform	2500	2450		ug/Kg		98	75 - 130	4	20
Chloromethane	2500	2050		ug/Kg		82	30 - 140	7	25
2-Chlorotoluene	2500	2210		ug/Kg		88	70 - 125	3	20
4-Chlorotoluene	2500	2260		ug/Kg		91	70 - 125	3	20
cis-1,2-Dichloroethene	2500	2700		ug/Kg		108	65 - 130	4	20
cis-1,3-Dichloropropene	2500	2400		ug/Kg		96	70 - 130	4	20
Dibromochloromethane	2500	2970		ug/Kg		119	65 - 140	4	20
1,2-Dibromo-3-Chloropropane	2500	2090		ug/Kg		83	45 - 135	5	25
1,2-Dibromoethane (EDB)	2500	2940		ug/Kg		118	70 - 130	7	20
Dibromomethane	2500	2610		ug/Kg		105	65 - 130	5	20
1,2-Dichlorobenzene	2500	2760		ug/Kg		110	70 - 120	3	20
1,3-Dichlorobenzene	2500	2710		ug/Kg		108	70 - 125	4	20
1,4-Dichlorobenzene	2500	2750		ug/Kg		110	70 - 125	4	20
Dichlorodifluoromethane	2500	1380		ug/Kg		55	10 - 155	3	30
1,1-Dichloroethane	2500	2190		ug/Kg		88	65 - 130	3	20
1,2-Dichloroethane	2500	2530		ug/Kg		101	60 - 145	1	20
1,1-Dichloroethene	2500	2320		ug/Kg		93	75 - 140	3	20
1,2-Dichloropropane	2500	2230		ug/Kg		89	75 - 125	6	20
1,3-Dichloropropane	2500	2400		ug/Kg		96	65 - 130	6	20
2,2-Dichloropropane	2500	1940		ug/Kg		77	60 - 145	5	25
1,1-Dichloropropene	2500	1980		ug/Kg		79	70 - 130	3	20
Ethylbenzene	2500	2310		ug/Kg		92	80 - 120	4	20
Hexachlorobutadiene	2500	2480		ug/Kg		99	60 - 135	1	20
Isopropylbenzene	2500	2430		ug/Kg		97	70 - 125	4	20
Methylene Chloride	2500	2330		ug/Kg		93	60 - 140	2	20
m,p-Xylene	5000	4960		ug/Kg		99	70 - 125	3	20
Naphthalene	2500	2560		ug/Kg		102	50 - 140	4	25
n-Butylbenzene	2500	2110		ug/Kg		85	70 - 130	3	20
N-Propylbenzene	2500	2130		ug/Kg		85	70 - 130	3	20
o-Xylene	2500	2510		ug/Kg		100	70 - 125	3	20
p-Isopropyltoluene	2500	2300		ug/Kg		92	70 - 125	2	20
sec-Butylbenzene	2500	2280		ug/Kg		91	70 - 125	3	20
Styrene	2500	2460		ug/Kg		98	70 - 135	6	20
tert-Butylbenzene	2500	2350		ug/Kg		94	70 - 125	3	20
1,1,1,2-Tetrachloroethane	2500	3160		ug/Kg		127	70 - 140	4	20
1,1,2,2-Tetrachloroethane	2500	2510		ug/Kg		100	55 - 135	3	25
Tetrachloroethene	2500	2580		ug/Kg		103	65 - 125	3	20
Toluene	2500	2120		ug/Kg		85	80 - 120	4	20
trans-1,2-Dichloroethene	2500	2470		ug/Kg		99	65 - 130	6	20
trans-1,3-Dichloropropene	2500	2550		ug/Kg		102	65 - 135	4	20
1,2,3-Trichlorobenzene	2500	2740		ug/Kg		109	60 - 135	4	20
1,2,4-Trichlorobenzene	2500	2780		ug/Kg		111	65 - 135	3	20
1,1,1-Trichloroethane	2500	2420		ug/Kg		97	65 - 140	6	20

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 440-118625/6
Matrix: Solid
Analysis Batch: 118625

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,2-Trichloroethane			2500	2490		ug/Kg		100	65 - 130	5	20
Trichloroethene			2500	2490		ug/Kg		99	70 - 130	3	20
Trichlorofluoromethane			2500	2760		ug/Kg		110	50 - 145	4	25
1,2,3-Trichloropropane			2500	2220		ug/Kg		89	55 - 130	4	25
1,2,4-Trimethylbenzene			2500	2500		ug/Kg		100	70 - 125	4	20
1,3,5-Trimethylbenzene			2500	2420		ug/Kg		97	70 - 125	3	20
Vinyl chloride			2500	733		ug/Kg		29	10 - 120	5	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*65 - 140*
Dibromofluoromethane (Surr)	*111*		*55 - 140*
Toluene-d8 (Surr)	*103*		*60 - 140*

Lab Sample ID: MB 440-118627/3
Matrix: Solid
Analysis Batch: 118627

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/Kg			07/19/13 09:04	1
Bromobenzene	ND		5.0		ug/Kg			07/19/13 09:04	1
Bromochloromethane	ND		5.0		ug/Kg			07/19/13 09:04	1
Bromodichloromethane	ND		2.0		ug/Kg			07/19/13 09:04	1
Bromoform	ND		5.0		ug/Kg			07/19/13 09:04	1
Bromomethane	ND		5.0		ug/Kg			07/19/13 09:04	1
Carbon tetrachloride	ND		5.0		ug/Kg			07/19/13 09:04	1
Chlorobenzene	ND		2.0		ug/Kg			07/19/13 09:04	1
Chloroethane	ND		5.0		ug/Kg			07/19/13 09:04	1
Chloroform	ND		2.0		ug/Kg			07/19/13 09:04	1
Chloromethane	ND		5.0		ug/Kg			07/19/13 09:04	1
2-Chlorotoluene	ND		5.0		ug/Kg			07/19/13 09:04	1
4-Chlorotoluene	ND		5.0		ug/Kg			07/19/13 09:04	1
cis-1,2-Dichloroethene	ND		2.0		ug/Kg			07/19/13 09:04	1
cis-1,3-Dichloropropene	ND		2.0		ug/Kg			07/19/13 09:04	1
Dibromochloromethane	ND		2.0		ug/Kg			07/19/13 09:04	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/Kg			07/19/13 09:04	1
1,2-Dibromoethane (EDB)	ND		2.0		ug/Kg			07/19/13 09:04	1
Dibromomethane	ND		2.0		ug/Kg			07/19/13 09:04	1
1,2-Dichlorobenzene	ND		2.0		ug/Kg			07/19/13 09:04	1
1,3-Dichlorobenzene	ND		2.0		ug/Kg			07/19/13 09:04	1
1,4-Dichlorobenzene	ND		2.0		ug/Kg			07/19/13 09:04	1
Dichlorodifluoromethane	ND		5.0		ug/Kg			07/19/13 09:04	1
1,1-Dichloroethane	ND		2.0		ug/Kg			07/19/13 09:04	1
1,2-Dichloroethane	ND		2.0		ug/Kg			07/19/13 09:04	1
1,1-Dichloroethene	ND		5.0		ug/Kg			07/19/13 09:04	1
1,2-Dichloropropane	ND		2.0		ug/Kg			07/19/13 09:04	1
1,3-Dichloropropane	ND		2.0		ug/Kg			07/19/13 09:04	1
2,2-Dichloropropane	ND		2.0		ug/Kg			07/19/13 09:04	1
1,1-Dichloropropene	ND		2.0		ug/Kg			07/19/13 09:04	1

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 440-118627/3
Matrix: Solid
Analysis Batch: 118627

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		2.0		ug/Kg			07/19/13 09:04	1
Hexachlorobutadiene	ND		5.0		ug/Kg			07/19/13 09:04	1
Isopropylbenzene	ND		2.0		ug/Kg			07/19/13 09:04	1
Methylene Chloride	ND		20		ug/Kg			07/19/13 09:04	1
m,p-Xylene	ND		2.0		ug/Kg			07/19/13 09:04	1
Naphthalene	ND		5.0		ug/Kg			07/19/13 09:04	1
n-Butylbenzene	ND		5.0		ug/Kg			07/19/13 09:04	1
N-Propylbenzene	ND		2.0		ug/Kg			07/19/13 09:04	1
o-Xylene	ND		2.0		ug/Kg			07/19/13 09:04	1
p-Isopropyltoluene	ND		2.0		ug/Kg			07/19/13 09:04	1
sec-Butylbenzene	ND		5.0		ug/Kg			07/19/13 09:04	1
Styrene	ND		2.0		ug/Kg			07/19/13 09:04	1
tert-Butylbenzene	ND		5.0		ug/Kg			07/19/13 09:04	1
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg			07/19/13 09:04	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg			07/19/13 09:04	1
Tetrachloroethene	ND		2.0		ug/Kg			07/19/13 09:04	1
Toluene	ND		2.0		ug/Kg			07/19/13 09:04	1
trans-1,2-Dichloroethene	ND		2.0		ug/Kg			07/19/13 09:04	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg			07/19/13 09:04	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg			07/19/13 09:04	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg			07/19/13 09:04	1
1,1,1-Trichloroethane	ND		2.0		ug/Kg			07/19/13 09:04	1
1,1,2-Trichloroethane	ND		2.0		ug/Kg			07/19/13 09:04	1
Trichloroethene	ND		2.0		ug/Kg			07/19/13 09:04	1
Trichlorofluoromethane	ND		5.0		ug/Kg			07/19/13 09:04	1
1,2,3-Trichloropropane	ND		10		ug/Kg			07/19/13 09:04	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg			07/19/13 09:04	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg			07/19/13 09:04	1
Vinyl chloride	ND		5.0		ug/Kg			07/19/13 09:04	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*80 - 120*		*07/19/13 09:04*	*1*
Dibromofluoromethane (Surr)	*112*		*80 - 125*		*07/19/13 09:04*	*1*
Toluene-d8 (Surr)	*109*		*80 - 120*		*07/19/13 09:04*	*1*

Lab Sample ID: LCS 440-118627/4
Matrix: Solid
Analysis Batch: 118627

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			50.0	46.7		ug/Kg		93	65 - 120		
Bromobenzene			50.0	54.5		ug/Kg		109	75 - 120		
Bromochloromethane			50.0	61.7		ug/Kg		123	70 - 135		
Bromodichloromethane			50.0	56.7		ug/Kg		113	70 - 135		
Bromoform			50.0	55.8		ug/Kg		112	55 - 135		
Bromomethane			50.0	57.7		ug/Kg		115	60 - 145		
Carbon tetrachloride			50.0	56.7		ug/Kg		113	65 - 140		
Chlorobenzene			50.0	53.6		ug/Kg		107	75 - 120		

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 440-118627/4
Matrix: Solid
Analysis Batch: 118627

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroethane	50.0	50.6		ug/Kg		101	60 - 140
Chloroform	50.0	55.4		ug/Kg		111	70 - 130
Chloromethane	50.0	51.5		ug/Kg		103	45 - 145
2-Chlorotoluene	50.0	45.0		ug/Kg		90	70 - 125
4-Chlorotoluene	50.0	45.9		ug/Kg		92	75 - 125
cis-1,2-Dichloroethene	50.0	56.8		ug/Kg		114	70 - 125
cis-1,3-Dichloropropene	50.0	54.8		ug/Kg		110	75 - 125
Dibromochloromethane	50.0	69.8		ug/Kg		140	65 - 140
1,2-Dibromo-3-Chloropropane	50.0	49.9		ug/Kg		100	50 - 135
1,2-Dibromoethane (EDB)	50.0	59.4		ug/Kg		119	70 - 130
Dibromomethane	50.0	55.0		ug/Kg		110	70 - 130
1,2-Dichlorobenzene	50.0	52.6		ug/Kg		105	75 - 120
1,3-Dichlorobenzene	50.0	53.4		ug/Kg		107	75 - 125
1,4-Dichlorobenzene	50.0	51.6		ug/Kg		103	75 - 120
Dichlorodifluoromethane	50.0	54.3		ug/Kg		109	35 - 160
1,1-Dichloroethane	50.0	48.8		ug/Kg		98	70 - 130
1,2-Dichloroethane	50.0	53.0		ug/Kg		106	60 - 140
1,1-Dichloroethene	50.0	54.8		ug/Kg		110	70 - 125
1,2-Dichloropropane	50.0	46.4		ug/Kg		93	70 - 130
1,3-Dichloropropane	50.0	52.7		ug/Kg		105	70 - 125
2,2-Dichloropropane	50.0	46.9		ug/Kg		94	60 - 145
1,1-Dichloropropene	50.0	50.8		ug/Kg		102	70 - 130
Ethylbenzene	50.0	48.6		ug/Kg		97	70 - 125
Hexachlorobutadiene	50.0	47.3		ug/Kg		95	60 - 135
Isopropylbenzene	50.0	48.2		ug/Kg		96	75 - 130
Methylene Chloride	50.0	51.1		ug/Kg		102	55 - 135
m,p-Xylene	100	97.3		ug/Kg		97	70 - 125
Naphthalene	50.0	50.5		ug/Kg		101	55 - 135
n-Butylbenzene	50.0	42.1		ug/Kg		84	70 - 130
N-Propylbenzene	50.0	43.7		ug/Kg		87	70 - 130
o-Xylene	50.0	51.8		ug/Kg		104	70 - 125
p-Isopropyltoluene	50.0	48.1		ug/Kg		96	75 - 125
sec-Butylbenzene	50.0	44.6		ug/Kg		89	70 - 125
Styrene	50.0	48.0		ug/Kg		96	75 - 130
tert-Butylbenzene	50.0	50.3		ug/Kg		101	70 - 125
1,1,1,2-Tetrachloroethane	50.0	60.5		ug/Kg		121	70 - 130
1,1,2,2-Tetrachloroethane	50.0	53.7		ug/Kg		107	55 - 140
Tetrachloroethene	50.0	53.3		ug/Kg		107	70 - 125
Toluene	50.0	47.9		ug/Kg		96	70 - 125
trans-1,2-Dichloroethene	50.0	52.8		ug/Kg		106	70 - 125
trans-1,3-Dichloropropene	50.0	54.5		ug/Kg		109	70 - 135
1,2,3-Trichlorobenzene	50.0	53.8		ug/Kg		108	60 - 130
1,2,4-Trichlorobenzene	50.0	52.4		ug/Kg		105	70 - 135
1,1,1-Trichloroethane	50.0	52.0		ug/Kg		104	65 - 135
1,1,2-Trichloroethane	50.0	55.1		ug/Kg		110	65 - 135
Trichloroethene	50.0	57.5		ug/Kg		115	70 - 125
Trichlorofluoromethane	50.0	70.3		ug/Kg		141	60 - 145
1,2,3-Trichloropropane	50.0	49.1		ug/Kg		98	60 - 135

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 440-118627/4
Matrix: Solid
Analysis Batch: 118627

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trimethylbenzene	50.0	46.5		ug/Kg		93	70 - 125
1,3,5-Trimethylbenzene	50.0	45.2		ug/Kg		90	70 - 125
Vinyl chloride	50.0	52.0		ug/Kg		104	55 - 135

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*
Dibromofluoromethane (Surr)	*112*		*80 - 125*
Toluene-d8 (Surr)	*108*		*80 - 120*

Lab Sample ID: LCSD 440-118627/5
Matrix: Solid
Analysis Batch: 118627

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	50.0	47.3		ug/Kg		95	65 - 120	1	20
Bromobenzene	50.0	57.0		ug/Kg		114	75 - 120	4	20
Bromochloromethane	50.0	62.1		ug/Kg		124	70 - 135	1	20
Bromodichloromethane	50.0	55.3		ug/Kg		111	70 - 135	2	20
Bromoform	50.0	52.9		ug/Kg		106	55 - 135	5	25
Bromomethane	50.0	55.6		ug/Kg		111	60 - 145	4	20
Carbon tetrachloride	50.0	57.4		ug/Kg		115	65 - 140	1	20
Chlorobenzene	50.0	51.7		ug/Kg		103	75 - 120	4	20
Chloroethane	50.0	49.7		ug/Kg		99	60 - 140	2	25
Chloroform	50.0	55.3		ug/Kg		111	70 - 130	0	20
Chloromethane	50.0	51.5		ug/Kg		103	45 - 145	0	25
2-Chlorotoluene	50.0	48.9		ug/Kg		98	70 - 125	8	20
4-Chlorotoluene	50.0	48.8		ug/Kg		98	75 - 125	6	20
cis-1,2-Dichloroethene	50.0	57.4		ug/Kg		115	70 - 125	1	20
cis-1,3-Dichloropropene	50.0	54.1		ug/Kg		108	75 - 125	1	20
Dibromochloromethane	50.0	66.4		ug/Kg		133	65 - 140	5	20
1,2-Dibromo-3-Chloropropane	50.0	48.4		ug/Kg		97	50 - 135	3	30
1,2-Dibromoethane (EDB)	50.0	56.7		ug/Kg		113	70 - 130	5	20
Dibromomethane	50.0	55.3		ug/Kg		111	70 - 130	1	20
1,2-Dichlorobenzene	50.0	54.5		ug/Kg		109	75 - 120	3	20
1,3-Dichlorobenzene	50.0	55.1		ug/Kg		110	75 - 125	3	20
1,4-Dichlorobenzene	50.0	53.5		ug/Kg		107	75 - 120	4	20
Dichlorodifluoromethane	50.0	52.0		ug/Kg		104	35 - 160	4	30
1,1-Dichloroethane	50.0	49.4		ug/Kg		99	70 - 130	1	20
1,2-Dichloroethane	50.0	53.6		ug/Kg		107	60 - 140	1	20
1,1-Dichloroethene	50.0	54.0		ug/Kg		108	70 - 125	2	20
1,2-Dichloropropane	50.0	48.9		ug/Kg		98	70 - 130	5	20
1,3-Dichloropropane	50.0	50.5		ug/Kg		101	70 - 125	4	20
2,2-Dichloropropane	50.0	46.7		ug/Kg		93	60 - 145	1	20
1,1-Dichloropropene	50.0	51.3		ug/Kg		103	70 - 130	1	20
Ethylbenzene	50.0	47.9		ug/Kg		96	70 - 125	2	20
Hexachlorobutadiene	50.0	49.0		ug/Kg		98	60 - 135	4	20
Isopropylbenzene	50.0	51.3		ug/Kg		103	75 - 130	6	20
Methylene Chloride	50.0	51.5		ug/Kg		103	55 - 135	1	20

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 440-118627/5
Matrix: Solid
Analysis Batch: 118627

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
m,p-Xylene			100	97.4		ug/Kg		97	70 - 125	0	20
Naphthalene			50.0	53.4		ug/Kg		107	55 - 135	6	25
n-Butylbenzene			50.0	43.3		ug/Kg		87	70 - 130	3	20
N-Propylbenzene			50.0	46.2		ug/Kg		92	70 - 130	5	20
o-Xylene			50.0	51.1		ug/Kg		102	70 - 125	1	20
p-Isopropyltoluene			50.0	49.9		ug/Kg		100	75 - 125	4	20
sec-Butylbenzene			50.0	46.4		ug/Kg		93	70 - 125	4	20
Styrene			50.0	47.1		ug/Kg		94	75 - 130	2	20
tert-Butylbenzene			50.0	53.5		ug/Kg		107	70 - 125	6	20
1,1,1,2-Tetrachloroethane			50.0	58.7		ug/Kg		117	70 - 130	3	20
1,1,2,2-Tetrachloroethane			50.0	53.8		ug/Kg		108	55 - 140	0	30
Tetrachloroethene			50.0	51.7		ug/Kg		103	70 - 125	3	20
Toluene			50.0	49.2		ug/Kg		98	70 - 125	3	20
trans-1,2-Dichloroethene			50.0	53.2		ug/Kg		106	70 - 125	1	20
trans-1,3-Dichloropropene			50.0	54.9		ug/Kg		110	70 - 135	1	20
1,2,3-Trichlorobenzene			50.0	55.6		ug/Kg		111	60 - 130	3	20
1,2,4-Trichlorobenzene			50.0	55.9		ug/Kg		112	70 - 135	7	20
1,1,1-Trichloroethane			50.0	51.1		ug/Kg		102	65 - 135	2	20
1,1,2-Trichloroethane			50.0	53.3		ug/Kg		107	65 - 135	3	20
Trichloroethene			50.0	57.0		ug/Kg		114	70 - 125	1	20
Trichlorofluoromethane			50.0	69.8		ug/Kg		140	60 - 145	1	25
1,2,3-Trichloropropane			50.0	49.2		ug/Kg		98	60 - 135	0	25
1,2,4-Trimethylbenzene			50.0	50.2		ug/Kg		100	70 - 125	8	20
1,3,5-Trimethylbenzene			50.0	47.9		ug/Kg		96	70 - 125	6	20
Vinyl chloride			50.0	51.6		ug/Kg		103	55 - 135	1	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*
Dibromofluoromethane (Surr)	*112*		*80 - 125*
Toluene-d8 (Surr)	*109*		*80 - 120*

Lab Sample ID: MB 440-118635/5
Matrix: Water
Analysis Batch: 118635

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			07/19/13 10:08	1
Bromobenzene	ND		1.0		ug/L			07/19/13 10:08	1
Bromochloromethane	ND		1.0		ug/L			07/19/13 10:08	1
Bromodichloromethane	ND		1.0		ug/L			07/19/13 10:08	1
Bromoform	ND		1.0		ug/L			07/19/13 10:08	1
Bromomethane	ND		1.0		ug/L			07/19/13 10:08	1
Carbon tetrachloride	ND		0.50		ug/L			07/19/13 10:08	1
Chlorobenzene	ND		1.0		ug/L			07/19/13 10:08	1
Chloroethane	ND		1.0		ug/L			07/19/13 10:08	1
Chloroform	ND		1.0		ug/L			07/19/13 10:08	1
Chloromethane	ND		1.0		ug/L			07/19/13 10:08	1
2-Chlorotoluene	ND		1.0		ug/L			07/19/13 10:08	1

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 440-118635/5
Matrix: Water
Analysis Batch: 118635

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorotoluene	ND		1.0		ug/L			07/19/13 10:08	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			07/19/13 10:08	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			07/19/13 10:08	1
Dibromochloromethane	ND		1.0		ug/L			07/19/13 10:08	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/L			07/19/13 10:08	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			07/19/13 10:08	1
Dibromomethane	ND		1.0		ug/L			07/19/13 10:08	1
1,2-Dichlorobenzene	ND		1.0		ug/L			07/19/13 10:08	1
1,3-Dichlorobenzene	ND		1.0		ug/L			07/19/13 10:08	1
1,4-Dichlorobenzene	ND		1.0		ug/L			07/19/13 10:08	1
Dichlorodifluoromethane	ND		5.0		ug/L			07/19/13 10:08	1
1,1-Dichloroethane	ND		1.0		ug/L			07/19/13 10:08	1
1,2-Dichloroethane	ND		0.50		ug/L			07/19/13 10:08	1
1,1-Dichloroethene	ND		1.0		ug/L			07/19/13 10:08	1
1,2-Dichloropropane	ND		1.0		ug/L			07/19/13 10:08	1
1,3-Dichloropropane	ND		1.0		ug/L			07/19/13 10:08	1
2,2-Dichloropropane	ND		1.0		ug/L			07/19/13 10:08	1
1,1-Dichloropropene	ND		1.0		ug/L			07/19/13 10:08	1
Ethylbenzene	ND		1.0		ug/L			07/19/13 10:08	1
Hexachlorobutadiene	ND		1.0		ug/L			07/19/13 10:08	1
Isopropylbenzene	ND		1.0		ug/L			07/19/13 10:08	1
Methylene Chloride	ND		5.0		ug/L			07/19/13 10:08	1
m,p-Xylene	ND		1.0		ug/L			07/19/13 10:08	1
Naphthalene	ND		1.0		ug/L			07/19/13 10:08	1
n-Butylbenzene	ND		1.0		ug/L			07/19/13 10:08	1
N-Propylbenzene	ND		1.0		ug/L			07/19/13 10:08	1
o-Xylene	ND		1.0		ug/L			07/19/13 10:08	1
p-Isopropyltoluene	ND		1.0		ug/L			07/19/13 10:08	1
sec-Butylbenzene	ND		1.0		ug/L			07/19/13 10:08	1
Styrene	ND		1.0		ug/L			07/19/13 10:08	1
tert-Butylbenzene	ND		1.0		ug/L			07/19/13 10:08	1
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			07/19/13 10:08	1
1,1,2,2-Tetrachloroethane	ND		1.0		ug/L			07/19/13 10:08	1
Tetrachloroethene	ND		1.0		ug/L			07/19/13 10:08	1
Toluene	ND		1.0		ug/L			07/19/13 10:08	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			07/19/13 10:08	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			07/19/13 10:08	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			07/19/13 10:08	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			07/19/13 10:08	1
1,1,1-Trichloroethane	ND		1.0		ug/L			07/19/13 10:08	1
1,1,2-Trichloroethane	ND		1.0		ug/L			07/19/13 10:08	1
Trichloroethene	ND		1.0		ug/L			07/19/13 10:08	1
Trichlorofluoromethane	ND		1.0		ug/L			07/19/13 10:08	1
1,2,3-Trichloropropane	ND		1.0		ug/L			07/19/13 10:08	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			07/19/13 10:08	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			07/19/13 10:08	1
Vinyl chloride	ND		0.50		ug/L			07/19/13 10:08	1

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 440-118635/5
Matrix: Water
Analysis Batch: 118635

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*		*07/19/13 10:08*	*1*
Dibromofluoromethane (Surr)	*97*		*80 - 120*		*07/19/13 10:08*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*		*07/19/13 10:08*	*1*

Lab Sample ID: LCS 440-118635/6
Matrix: Water
Analysis Batch: 118635

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	25.0	24.1		ug/L		96	68 - 130
Bromobenzene	25.0	26.1		ug/L		105	70 - 130
Bromochloromethane	25.0	21.9		ug/L		88	70 - 130
Bromodichloromethane	25.0	25.9		ug/L		104	70 - 132
Bromoform	25.0	34.5		ug/L		138	60 - 148
Bromomethane	25.0	23.7		ug/L		95	64 - 139
Carbon tetrachloride	25.0	30.4		ug/L		121	60 - 150
Chlorobenzene	25.0	24.7		ug/L		99	70 - 130
Chloroethane	25.0	23.6		ug/L		94	64 - 135
Chloroform	25.0	22.9		ug/L		92	70 - 130
Chloromethane	25.0	24.3		ug/L		97	47 - 140
2-Chlorotoluene	25.0	23.2		ug/L		93	70 - 130
4-Chlorotoluene	25.0	23.6		ug/L		95	70 - 130
cis-1,2-Dichloroethene	25.0	23.1		ug/L		92	70 - 133
cis-1,3-Dichloropropene	25.0	25.6		ug/L		102	70 - 133
Dibromochloromethane	25.0	27.5		ug/L		110	69 - 145
1,2-Dibromo-3-Chloropropane	25.0	32.3		ug/L		129	52 - 140
1,2-Dibromoethane (EDB)	25.0	27.4		ug/L		110	70 - 130
Dibromomethane	25.0	26.7		ug/L		107	70 - 130
1,2-Dichlorobenzene	25.0	24.6		ug/L		99	70 - 130
1,3-Dichlorobenzene	25.0	25.5		ug/L		102	70 - 130
1,4-Dichlorobenzene	25.0	24.7		ug/L		99	70 - 130
Dichlorodifluoromethane	25.0	28.1		ug/L		113	29 - 150
1,1-Dichloroethane	25.0	21.2		ug/L		85	64 - 130
1,2-Dichloroethane	25.0	26.7		ug/L		107	57 - 138
1,1-Dichloroethene	25.0	26.2		ug/L		105	70 - 130
1,2-Dichloropropane	25.0	24.5		ug/L		98	67 - 130
1,3-Dichloropropane	25.0	24.9		ug/L		100	70 - 130
2,2-Dichloropropane	25.0	24.4		ug/L		98	68 - 141
1,1-Dichloropropene	25.0	27.5		ug/L		110	70 - 130
Ethylbenzene	25.0	26.8		ug/L		107	70 - 130
Hexachlorobutadiene	25.0	35.5		ug/L		142	10 - 150
Isopropylbenzene	25.0	26.2		ug/L		105	70 - 136
Methylene Chloride	25.0	20.8		ug/L		83	52 - 130
m,p-Xylene	50.0	53.7		ug/L		107	70 - 130
Naphthalene	25.0	27.9		ug/L		112	60 - 140
n-Butylbenzene	25.0	24.9		ug/L		100	65 - 150
N-Propylbenzene	25.0	25.3		ug/L		101	67 - 139
o-Xylene	25.0	26.0		ug/L		104	70 - 130

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 440-118635/6
Matrix: Water
Analysis Batch: 118635

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
p-Isopropyltoluene	25.0	24.7		ug/L		99	70 - 132
sec-Butylbenzene	25.0	25.4		ug/L		102	70 - 138
Styrene	25.0	26.0		ug/L		104	70 - 134
tert-Butylbenzene	25.0	25.6		ug/L		102	70 - 130
1,1,1,2-Tetrachloroethane	25.0	27.6		ug/L		110	60 - 141
1,1,2,2-Tetrachloroethane	25.0	25.9		ug/L		103	63 - 130
Tetrachloroethene	25.0	30.3		ug/L		121	70 - 130
Toluene	25.0	25.1		ug/L		100	70 - 130
trans-1,2-Dichloroethene	25.0	22.7		ug/L		91	70 - 130
trans-1,3-Dichloropropene	25.0	27.1		ug/L		109	70 - 132
1,2,3-Trichlorobenzene	25.0	30.5		ug/L		122	60 - 140
1,2,4-Trichlorobenzene	25.0	29.3		ug/L		117	60 - 140
1,1,1-Trichloroethane	25.0	23.8		ug/L		95	70 - 130
1,1,2-Trichloroethane	25.0	24.5		ug/L		98	70 - 130
Trichloroethene	25.0	26.9		ug/L		108	70 - 130
Trichlorofluoromethane	25.0	35.6		ug/L		142	60 - 150
1,2,3-Trichloropropane	25.0	27.4		ug/L		110	63 - 130
1,2,4-Trimethylbenzene	25.0	24.9		ug/L		100	70 - 135
1,3,5-Trimethylbenzene	25.0	25.2		ug/L		101	70 - 136
Vinyl chloride	25.0	22.3		ug/L		89	59 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*
Dibromofluoromethane (Surr)	*89*		*80 - 120*
Toluene-d8 (Surr)	*105*		*80 - 120*

Lab Sample ID: 320-3306-C-6 MS
Matrix: Water
Analysis Batch: 118635

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND		25.0	25.0		ug/L		100	66 - 130
Bromobenzene	ND		25.0	27.8		ug/L		111	70 - 130
Bromochloromethane	ND		25.0	26.4		ug/L		105	70 - 130
Bromodichloromethane	ND		25.0	28.4		ug/L		114	70 - 138
Bromoform	ND		25.0	37.1		ug/L		149	59 - 150
Bromomethane	ND		25.0	24.1		ug/L		96	62 - 131
Carbon tetrachloride	ND		25.0	29.6		ug/L		119	60 - 150
Chlorobenzene	ND		25.0	25.3		ug/L		101	70 - 130
Chloroethane	ND		25.0	23.5		ug/L		94	68 - 130
Chloroform	ND		25.0	25.3		ug/L		101	70 - 130
Chloromethane	ND		25.0	25.3		ug/L		101	39 - 144
2-Chlorotoluene	ND		25.0	23.8		ug/L		95	70 - 130
4-Chlorotoluene	ND		25.0	24.5		ug/L		98	70 - 130
cis-1,2-Dichloroethene	ND		25.0	24.8		ug/L		99	70 - 130
cis-1,3-Dichloropropene	ND		25.0	28.8		ug/L		115	70 - 133
Dibromochloromethane	ND		25.0	30.6		ug/L		122	70 - 148
1,2-Dibromo-3-Chloropropane	ND		25.0	31.2		ug/L		125	48 - 140

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 320-3306-C-6 MS
Matrix: Water
Analysis Batch: 118635

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromoethane (EDB)	ND		25.0	30.1		ug/L		120	70 - 131
Dibromomethane	ND		25.0	30.2		ug/L		121	70 - 130
1,2-Dichlorobenzene	ND		25.0	26.4		ug/L		106	70 - 130
1,3-Dichlorobenzene	ND		25.0	26.0		ug/L		104	70 - 130
1,4-Dichlorobenzene	ND		25.0	26.2		ug/L		105	70 - 130
Dichlorodifluoromethane	ND		25.0	26.6		ug/L		106	25 - 142
1,1-Dichloroethane	ND		25.0	22.6		ug/L		90	65 - 130
1,2-Dichloroethane	ND		25.0	30.4		ug/L		122	56 - 146
1,1-Dichloroethene	ND		25.0	25.5		ug/L		102	70 - 130
1,2-Dichloropropane	ND		25.0	25.6		ug/L		102	69 - 130
1,3-Dichloropropane	ND		25.0	27.6		ug/L		110	70 - 130
2,2-Dichloropropane	ND		25.0	24.4		ug/L		97	69 - 138
1,1-Dichloropropene	ND		25.0	26.4		ug/L		105	64 - 130
Ethylbenzene	ND		25.0	26.5		ug/L		106	70 - 130
Hexachlorobutadiene	ND		25.0	33.1		ug/L		133	10 - 150
Isopropylbenzene	ND		25.0	25.7		ug/L		103	70 - 132
Methylene Chloride	ND		25.0	25.4		ug/L		101	52 - 130
m,p-Xylene	ND		50.0	53.3		ug/L		107	70 - 133
Naphthalene	ND		25.0	28.6		ug/L		114	60 - 140
n-Butylbenzene	ND		25.0	23.6		ug/L		95	61 - 149
N-Propylbenzene	ND		25.0	24.4		ug/L		97	66 - 135
o-Xylene	ND		25.0	26.9		ug/L		107	70 - 133
p-Isopropyltoluene	ND		25.0	23.9		ug/L		96	70 - 130
sec-Butylbenzene	ND		25.0	24.2		ug/L		97	67 - 134
Styrene	ND		25.0	27.1		ug/L		109	29 - 150
tert-Butylbenzene	ND		25.0	24.4		ug/L		97	70 - 130
1,1,1,2-Tetrachloroethane	ND		25.0	29.6		ug/L		118	60 - 149
1,1,2,2-Tetrachloroethane	ND		25.0	28.1		ug/L		112	63 - 130
Tetrachloroethene	ND		25.0	28.5		ug/L		114	70 - 137
Toluene	ND		25.0	27.0		ug/L		105	70 - 130
trans-1,2-Dichloroethene	ND		25.0	23.9		ug/L		96	70 - 130
trans-1,3-Dichloropropene	ND		25.0	30.7		ug/L		123	70 - 138
1,2,3-Trichlorobenzene	ND		25.0	31.7		ug/L		127	60 - 140
1,2,4-Trichlorobenzene	ND		25.0	30.5		ug/L		122	60 - 140
1,1,1-Trichloroethane	ND		25.0	24.6		ug/L		98	70 - 130
1,1,2-Trichloroethane	ND		25.0	27.5		ug/L		110	70 - 130
Trichloroethene	1.3		25.0	27.6		ug/L		105	70 - 130
Trichlorofluoromethane	ND		25.0	34.3		ug/L		137	60 - 150
1,2,3-Trichloropropane	ND		25.0	27.4		ug/L		110	60 - 130
1,2,4-Trimethylbenzene	ND		25.0	25.2		ug/L		101	70 - 130
1,3,5-Trimethylbenzene	ND		25.0	24.6		ug/L		98	70 - 130
Vinyl chloride	ND		25.0	21.9		ug/L		87	50 - 137

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*80 - 120*
Dibromofluoromethane (Surr)	*100*		*80 - 120*
Toluene-d8 (Surr)	*104*		*80 - 120*

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 320-3306-C-6 MSD
Matrix: Water
Analysis Batch: 118635

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	ND		25.0	23.1		ug/L		92	66 - 130	8	20
Bromobenzene	ND		25.0	25.8		ug/L		103	70 - 130	7	20
Bromochloromethane	ND		25.0	24.9		ug/L		100	70 - 130	6	25
Bromodichloromethane	ND		25.0	26.0		ug/L		104	70 - 138	9	20
Bromoform	ND		25.0	33.6		ug/L		134	59 - 150	10	25
Bromomethane	ND		25.0	22.8		ug/L		91	62 - 131	5	25
Carbon tetrachloride	ND		25.0	26.7		ug/L		107	60 - 150	10	25
Chlorobenzene	ND		25.0	24.2		ug/L		97	70 - 130	4	20
Chloroethane	ND		25.0	22.0		ug/L		88	68 - 130	7	25
Chloroform	ND		25.0	24.3		ug/L		97	70 - 130	4	20
Chloromethane	ND		25.0	23.7		ug/L		95	39 - 144	6	25
2-Chlorotoluene	ND		25.0	22.5		ug/L		90	70 - 130	6	20
4-Chlorotoluene	ND		25.0	23.0		ug/L		92	70 - 130	6	20
cis-1,2-Dichloroethene	ND		25.0	23.3		ug/L		93	70 - 130	6	20
cis-1,3-Dichloropropene	ND		25.0	27.0		ug/L		108	70 - 133	6	20
Dibromochloromethane	ND		25.0	28.5		ug/L		114	70 - 148	7	25
1,2-Dibromo-3-Chloropropane	ND		25.0	25.9		ug/L		103	48 - 140	19	30
1,2-Dibromoethane (EDB)	ND		25.0	27.1		ug/L		108	70 - 131	11	25
Dibromomethane	ND		25.0	27.9		ug/L		111	70 - 130	8	25
1,2-Dichlorobenzene	ND		25.0	25.2		ug/L		101	70 - 130	5	20
1,3-Dichlorobenzene	ND		25.0	24.9		ug/L		100	70 - 130	4	20
1,4-Dichlorobenzene	ND		25.0	24.5		ug/L		98	70 - 130	7	20
Dichlorodifluoromethane	ND		25.0	24.6		ug/L		98	25 - 142	8	30
1,1-Dichloroethane	ND		25.0	21.6		ug/L		86	65 - 130	5	20
1,2-Dichloroethane	ND		25.0	27.9		ug/L		112	56 - 146	9	20
1,1-Dichloroethene	ND		25.0	23.6		ug/L		94	70 - 130	8	20
1,2-Dichloropropane	ND		25.0	23.6		ug/L		94	69 - 130	8	20
1,3-Dichloropropane	ND		25.0	25.7		ug/L		103	70 - 130	7	25
2,2-Dichloropropane	ND		25.0	22.8		ug/L		91	69 - 138	7	25
1,1-Dichloropropene	ND		25.0	23.4		ug/L		93	64 - 130	12	20
Ethylbenzene	ND		25.0	25.2		ug/L		101	70 - 130	5	20
Hexachlorobutadiene	ND		25.0	31.0		ug/L		124	10 - 150	7	20
Isopropylbenzene	ND		25.0	24.0		ug/L		96	70 - 132	7	20
Methylene Chloride	ND		25.0	24.1		ug/L		96	52 - 130	5	20
m,p-Xylene	ND		50.0	50.1		ug/L		100	70 - 133	6	25
Naphthalene	ND		25.0	26.2		ug/L		105	60 - 140	9	30
n-Butylbenzene	ND		25.0	22.3		ug/L		89	61 - 149	6	20
N-Propylbenzene	ND		25.0	22.7		ug/L		91	66 - 135	7	20
o-Xylene	ND		25.0	25.5		ug/L		102	70 - 133	5	20
p-Isopropyltoluene	ND		25.0	22.2		ug/L		89	70 - 130	7	20
sec-Butylbenzene	ND		25.0	22.3		ug/L		89	67 - 134	8	20
Styrene	ND		25.0	25.9		ug/L		104	29 - 150	4	30
tert-Butylbenzene	ND		25.0	22.9		ug/L		92	70 - 130	6	20
1,1,1,2-Tetrachloroethane	ND		25.0	27.9		ug/L		111	60 - 149	6	20
1,1,2,2-Tetrachloroethane	ND		25.0	24.8		ug/L		99	63 - 130	12	30
Tetrachloroethene	ND		25.0	26.6		ug/L		106	70 - 137	7	20
Toluene	ND		25.0	24.9		ug/L		96	70 - 130	8	20
trans-1,2-Dichloroethene	ND		25.0	22.3		ug/L		89	70 - 130	7	20

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 320-3306-C-6 MSD
Matrix: Water
Analysis Batch: 118635

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
trans-1,3-Dichloropropene	ND		25.0	28.2		ug/L		113	70 - 138	9	25
1,2,3-Trichlorobenzene	ND		25.0	30.4		ug/L		122	60 - 140	4	20
1,2,4-Trichlorobenzene	ND		25.0	29.4		ug/L		118	60 - 140	4	20
1,1,1-Trichloroethane	ND		25.0	22.8		ug/L		91	70 - 130	8	20
1,1,2-Trichloroethane	ND		25.0	25.4		ug/L		102	70 - 130	8	25
Trichloroethene	1.3		25.0	25.7		ug/L		98	70 - 130	7	20
Trichlorofluoromethane	ND		25.0	31.8		ug/L		127	60 - 150	8	25
1,2,3-Trichloropropane	ND		25.0	24.7		ug/L		99	60 - 130	10	30
1,2,4-Trimethylbenzene	ND		25.0	23.7		ug/L		95	70 - 130	6	25
1,3,5-Trimethylbenzene	ND		25.0	23.0		ug/L		92	70 - 130	7	20
Vinyl chloride	ND		25.0	20.8		ug/L		83	50 - 137	5	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*80 - 120*
Dibromofluoromethane (Surr)	*100*		*80 - 120*
Toluene-d8 (Surr)	*103*		*80 - 120*

QC Association Summary

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

GC/MS VOA

Prep Batch: 118168

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-51810-6	EB-7-30	Total/NA	Solid	5035	
440-51810-8	EB-7-40	Total/NA	Solid	5035	
440-51810-11	EB-5-5	Total/NA	Solid	5035	
440-51810-12	EB-5-10	Total/NA	Solid	5035	
440-51810-14	EB-5-20	Total/NA	Solid	5035	
440-51810-16	EB-5-30	Total/NA	Solid	5035	
440-51810-18	EB-5-40	Total/NA	Solid	5035	
440-51810-22	EB-9-5	Total/NA	Solid	5035	
440-51810-23	EB-9-10	Total/NA	Solid	5035	
440-51810-25	EB-9-20	Total/NA	Solid	5035	
440-51810-27	EB-9-30	Total/NA	Solid	5035	
440-51810-29	EB-9-40	Total/NA	Solid	5035	

Prep Batch: 118170

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-51810-1	EB-7-5	Total/NA	Solid	5035	
440-51810-2	EB-7-10	Total/NA	Solid	5035	
440-51810-4	EB-7-20	Total/NA	Solid	5035	

Analysis Batch: 118225

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-51804-A-7 MS	Matrix Spike	Total/NA	Water	8260B	
440-51804-A-7 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	
440-51810-21	EB-5-HP-45.5	Total/NA	Water	8260B	
440-51810-33	TB-071613	Total/NA	Water	8260B	
LCS 440-118225/8	Lab Control Sample	Total/NA	Water	8260B	
MB 440-118225/7	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 118232

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-51810-6	EB-7-30	Total/NA	Solid	8260B	118168
440-51810-8	EB-7-40	Total/NA	Solid	8260B	118168
440-51810-11	EB-5-5	Total/NA	Solid	8260B	118168
440-51810-12	EB-5-10	Total/NA	Solid	8260B	118168
440-51810-14	EB-5-20	Total/NA	Solid	8260B	118168
440-51810-16	EB-5-30	Total/NA	Solid	8260B	118168
440-51810-18	EB-5-40	Total/NA	Solid	8260B	118168
440-51810-22	EB-9-5	Total/NA	Solid	8260B	118168
LCS 440-118232/4	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 440-118232/7	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 440-118232/3	Method Blank	Total/NA	Solid	8260B	

Analysis Batch: 118352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-51650-A-1 MS	Matrix Spike	Total/NA	Solid	8260B	
440-51650-A-1 MSD	Matrix Spike Duplicate	Total/NA	Solid	8260B	
440-51810-23	EB-9-10	Total/NA	Solid	8260B	118168
LCS 440-118352/5	Lab Control Sample	Total/NA	Solid	8260B	
MB 440-118352/4	Method Blank	Total/NA	Solid	8260B	

QC Association Summary

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

GC/MS VOA (Continued)

Analysis Batch: 118359

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-51788-A-4 MS	Matrix Spike	Total/NA	Water	8260B	
440-51788-A-4 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	
440-51810-10	EB-7-HP-45.1	Total/NA	Water	8260B	
LCS 440-118359/6	Lab Control Sample	Total/NA	Water	8260B	
MB 440-118359/5	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 118544

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-51810-4	EB-7-20	Total/NA	Solid	8260B	118170
LCS 440-118544/4	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 440-118544/17	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 440-118544/3	Method Blank	Total/NA	Solid	8260B	

Analysis Batch: 118625

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-51810-1	EB-7-5	Total/NA	Solid	8260B	118170
440-51810-2	EB-7-10	Total/NA	Solid	8260B	118170
LCS 440-118625/5	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 440-118625/6	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 440-118625/4	Method Blank	Total/NA	Solid	8260B	

Analysis Batch: 118627

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-51810-25	EB-9-20	Total/NA	Solid	8260B	118168
440-51810-27	EB-9-30	Total/NA	Solid	8260B	118168
440-51810-29	EB-9-40	Total/NA	Solid	8260B	118168
LCS 440-118627/4	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 440-118627/5	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 440-118627/3	Method Blank	Total/NA	Solid	8260B	

Analysis Batch: 118635

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-3306-C-6 MS	Matrix Spike	Total/NA	Water	8260B	
320-3306-C-6 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	
440-51810-32	EB-9-HP-43.2	Total/NA	Water	8260B	
LCS 440-118635/6	Lab Control Sample	Total/NA	Water	8260B	
MB 440-118635/5	Method Blank	Total/NA	Water	8260B	

Definitions/Glossary

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F	MS or MSD exceeds the control limits
*	LCS or LCSD exceeds the control limits
X	Surrogate is outside control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Certification Summary

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51810-1

Laboratory: TestAmerica Irvine

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alaska	State Program	10	CA01531	06-30-14
Arizona	State Program	9	AZ0671	10-13-13
California	LA Cty Sanitation Districts	9	10256	01-31-14
California	NELAP	9	1108CA	01-31-14
California	State Program	9	2706	06-30-14
Guam	State Program	9	Cert. No. 12.002r	01-28-14 *
Hawaii	State Program	9	N/A	01-31-14
Nevada	State Program	9	CA015312007A	07-31-13
New Mexico	State Program	6	N/A	01-31-14
Northern Mariana Islands	State Program	9	MP0002	01-31-14
Oregon	NELAP	10	4005	09-12-13
USDA	Federal		P330-09-00080	06-06-14
USEPA UCMR	Federal	1	CA01531	01-31-15

* Expired certification is currently pending renewal and is considered valid.

CHAIN-of-CUSTODY

№ 08391

PAGE 1 of 3

ENVIRON
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☐ 1702 E Highland Avenue, Suite 412, Phoenix, AZ 85016, (602) 734-7700, (602) 734-7701 (fax)

MSA#: _____ WO#: _____

PROJECT NAME / FACILITY ID: AEA Costa Mesa

FIELD PERSON: Brian Bayer

PROJECT NUMBER: OS-31619A DATE: 7/16/13

PROJECT MANAGER: Jeff R.

PROJECT LOCATION: Costa Mesa, Ca.

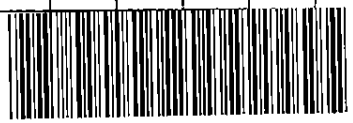
LABORATORY: Test America

IS THIS A UST PROJECT OR IS EDF REQUIRED? Y (N) IF YES, GLOBAL ID #: _____

SAMPLER: Brian Bayer

SIGNATURE:

SAMPLE I.D. NUMBER	YEAR 2013 SAMPLE DATE	SAMPLE TIME	SAMPLE DEPTH	AIR SAMPLE VOLUME (L)	MATRIX (A) AIR (S) SOIL (G) GAS (W) WATER	NUMBER OF CONTAINERS	FILTERED/UNFILTERED (F/U)	PRESERVATION (SEE KEY)	ANALYSIS REQUIRED 8260B VOCs	COMMENTS
EB-7-5	7/16	0730	5	—	S	4	—	—	X	Hold samples:
EB-7-10		0735	10			4			X	EB-7-15, EB-7-25,
EB-7-15		0742	15			1			X	EB-7-35, EB-7-45
EB-7-20		0755	20			4			X	EB-5-15, EB-5-25,
EB-7-25		0819	25			1			X	EB-5-35, EB-5-45
EB-7-30		0825	30			4			X	EB-5-50, EB-9-15,
EB-7-35		0835	35			1			X	EB-9-25, EB-9-35
EB-7-40		0900	40			4			X	EB-9-45, EB-9-50
EB-7-45		0905	45	↓	↓	1	↓	↓	X	
EB-7-HP-45.1	↓	0940	45.1	—	W	3	U	HCL	X	
EB-5-5		1036	5	—	S	4	—	—	X	
EB-5-10		1042	10			4			X	
EB-5-15	↓	1049	15	↓	↓	1	↓	↓	X	
TOTAL	X	X	X							


440-51810 Chain of Custody

RELINQUISHED BY:	TIME/DATE:	RECEIVED BY:	TIME/DATE:
	17:35 / 7/16/13	(COMPANY):	1735 / 7/16/13
RELINQUISHED BY:	TIME/DATE:	RECEIVED BY:	TIME/DATE:
	1805 / 7/16/13	(COMPANY):	1805 7.16.13
RELINQUISHED BY:	TIME/DATE:	RECEIVED BY:	TIME/DATE:
		(COMPANY):	

TURNAROUND TIME (CIRCLE ONE): SAMEDAY, 24 HOURS, 48 HOURS, 72 HOURS, 5 DAYS, NORMAL

SAMPLE INTEGRITY: INTACT (Y) N Temp 4.5 / 4.5

IF SEALED, SEAL INTEGRITY: INTACT: Y N

H = HCL; N = HNO3; S = H SO ; U = UNKNOWN; NO = NONE; O = OTHER

FILE: LOG FORMS\Chain_of_Custody

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CHAIN-of-CUSTODY

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№ 08921

MSA#: _____ WO#: _____

PROJECT NAME / FACILITY ID: AEA-Costa Mesa
FIELD PERSON: Brian Bauer
PROJECT NUMBER: OS-31819A DATE: 7/16/13
PROJECT MANAGER: Jeff R.
PROJECT LOCATION: Costa Mesa Ca.
LABORATORY: Test Amenca
IS THIS A UST PROJECT OR IS EDF REQUIRED? Y (N) IF YES, GLOBAL ID #: _____

SAMPLER: Brian Bauer
SIGNATURE: Brian Bauer

SAMPLE I.D. NUMBER	YEAR 2013 SAMPLE DATE	SAMPLE TIME	SAMPLE DEPTH	AIR SAMPLE VOLUME (L)	MATRIX (A) AIR (S) SOIL (G) GAS (W) WATER	NUMBER OF CONTAINERS	FILTERED/UNFILTERED (F/U)	PRESERVATION (SEE KEY)	ANALYSIS REQUIRED 8260B VOCs	COMMENTS
EB-5-20	7/16	1055	20	—	S	4	—	—	X	
EB-5-25	↓	1100	25	↓	↓	1	↓	↓	X	
EB-5-30		1107	30			4			X	
EB-5-35		1110	35			1			X	
EB-5-40		1135	40			4			X	
EB-5-45		1150	45			1			X	
EB-5-50		1158	50			1			X	
EB-5-HP-45.5		1225	45.5	—	W	3	U	HCL	X	
EB-9-5		1397	5		S	4	—	—	X	
EB-9-10		1408	10			4			X	
EB-9-15		1415	15			1			X	
EB-9-20		1420	20			4			X	
EB-9-25	↓	1427	25	↓	↓	1	↓	↓	X	
TOTAL	X	X	X							

RELINQUISHED BY:	TIME/DATE: 1735 7/16/13	RECEIVED BY:	TIME/DATE: 1735 7/16/13
RELINQUISHED BY:	TIME/DATE: 1805 7/16/13	RECEIVED BY: (COMPANY):	TIME/DATE: 1805 7-16-13
RELINQUISHED BY:	TIME/DATE:	RECEIVED BY: (COMPANY):	TIME/DATE:

TURNAROUND TIME (CIRCLE ONE): SAMEDAY, 24 HOURS, 48 HOURS, 72 HOURS, 5 DAYS, (NORMAL)

SAMPLE INTEGRITY — INTACT: (Y) N Temp 4.5/4.5

IF SEALED, SEAL INTEGRITY — INTACT: Y N

H = HCL; N = HNO3; S = H2SO4; U = UNKNOWN; NO = NONE; O = OTHER

FILE: LOC FORMS\Chain_of_Custody

Rev 7/27/2011

7/26/2013

CHAIN-of-CUSTODY

№ 08389

PAGE 3 of 3

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☐ 1702 E Highland Avenue, Suite 412, Phoenix, AZ 85016, (602) 734-7700, (602) 734-7701 (fax)

MSA#: _____ WO#: _____

PROJECT NAME / FACILITY ID: AEA - Costa Mesa

FIELD PERSON: Bnan Bauer

PROJECT NUMBER: CS-31819A DATE: 7/16/13

PROJECT MANAGER: Jeff R.

PROJECT LOCATION: Costa Mesa Ca.

LABORATORY: Test America

IS THIS A UST PROJECT OR IS EDF REQUIRED? Y (N) IF YES, GLOBAL ID #: _____

SAMPLER: Bnan Bauer

SIGNATURE:

SAMPLE I.D. NUMBER	YEAR 2013 SAMPLE DATE	SAMPLE TIME	SAMPLE DEPTH	AIR SAMPLE VOLUME (L)	MATRIX (A) AIR (S) SOIL (O) GAS (W) WATER	NUMBER OF CONTAINERS	FILTERED/UNFILTERED (F/U)	PRESERVATION (SEE KEY)	ANALYSIS REQUIRED 8260B	COMMENTS
EB-9-30	7/16	1435	30	—	S	4	—	—	X	
EB-9-35		1500	35			1			X	
EB-9-40		1515	40			4			X	
EB-9-45		1530	45			1			X	
EB-9-50		1557	50	↓	↓	1	↓	↓	X	
EB-9-HP-43.2	↓	1605	43.2	—	W	3	U	HCL	X	
TB-071613	↓	0800	—	—	W	2	U	HCL	X	
TOTAL	X	X	X							

RELINQUISHED BY:	TIME/DATE: 17:35 / 7/16/13	RECEIVED BY: (COMPANY)	TIME/DATE: 1735 / 7/16/13
RELINQUISHED BY:	TIME/DATE: 1805 / 7/16/13	RECEIVED BY: (COMPANY):	TIME/DATE: 1805 7.16.13
RELINQUISHED BY:	TIME/DATE:	RECEIVED BY: (COMPANY):	TIME/DATE:

TURNAROUND TIME (CIRCLE ONE): SAMEDAY, 24 HOURS, 48 HOURS, 72 HOURS, 5 DAYS, (NORMAL)

SAMPLE INTEGRITY — INTACT: (Y) N Temp 4.5/4.5

IF SEALED, SEAL INTEGRITY — INTACT: Y N

H = HCL; N = HNO3; S = H SO ; U = UNKNOWN; NO = NONE; O = OTHER

FILE: LOG FORMS\Chain_of_Custody

Rev 7/27/2011

Login Sample Receipt Checklist

Client: ENVIRON International Corp.

Job Number: 440-51810-1

Login Number: 51810

List Source: TestAmerica Irvine

List Number: 1

Creator: Avila, Stephanie

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	Brian Bauer
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING



ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Irvine
17461 Derian Ave
Suite 100
Irvine, CA 92614-5817
Tel: (949)261-1022

TestAmerica Job ID: 440-51942-1
Client Project/Site: AEA Costa Mesa, 05-31819A

For:
ENVIRON International Corp.
18100 Von Karman Avenue
Irvine, California 92612

Attn: Mr. Jeff Raumin

Authorized for release by:
7/29/2013 12:13:03 PM

Patty Mata, Project Manager I
patty.mata@testamericainc.com

LINKS

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Cover Page 1
Table of Contents 2
Sample Summary 3
Case Narrative 4
Client Sample Results 5
Method Summary 24
Chronicle 25
QC Sample Results 28
QC Association 39
Definitions 40
Certification Summary 41
Chain of Custody 42
Receipt Checklists 44

Sample Summary

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51942-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-51942-1	EB-6-5	Solid	07/17/13 08:19	07/17/13 18:00
440-51942-2	EB-6-10	Solid	07/17/13 08:20	07/17/13 18:00
440-51942-4	EB-6-20	Solid	07/17/13 08:50	07/17/13 18:00
440-51942-6	EB-6-30	Solid	07/17/13 09:16	07/17/13 18:00
440-51942-8	EB-6-40	Solid	07/17/13 11:05	07/17/13 18:00
440-51942-9	EB-6-HP-44.2	Water	07/17/13 12:30	07/17/13 18:00
440-51942-10	EB-4-5	Solid	07/17/13 13:35	07/17/13 18:00
440-51942-11	EB-4-10	Solid	07/17/13 13:49	07/17/13 18:00
440-51942-13	EB-4-20	Solid	07/17/13 14:32	07/17/13 18:00
440-51942-15	EB-4-30	Solid	07/17/13 15:11	07/17/13 18:00
440-51942-17	EB-4-40	Solid	07/17/13 16:00	07/17/13 18:00
440-51942-18	TB-071713	Water	07/17/13 08:00	07/17/13 18:00
440-51942-19	EB-4-HP-44.8	Water	07/17/13 17:00	07/17/13 18:00

Case Narrative

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51942-1

Job ID: 440-51942-1

Laboratory: TestAmerica Irvine

Narrative

Job Narrative
440-51942-1

Comments
No additional comments.

Receipt
The samples were received on 7/17/2013 6:00 PM; the samples arrived in good condition, properly preserved and, where required, on ice.
The temperature of the cooler at receipt was 5.3º C.

GC/MS VOA
No analytical or quality issues were noted.

VOA Prep
No analytical or quality issues were noted.

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51942-1

Client Sample ID: EB-6-5
Date Collected: 07/17/13 08:19
Date Received: 07/17/13 18:00

Lab Sample ID: 440-51942-1
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 13:28	1
Bromobenzene	ND		4.8		ug/Kg		07/18/13 14:29	07/19/13 13:28	1
Bromochloromethane	ND		4.8		ug/Kg		07/18/13 14:29	07/19/13 13:28	1
Bromodichloromethane	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 13:28	1
Bromoform	ND		4.8		ug/Kg		07/18/13 14:29	07/19/13 13:28	1
Bromomethane	ND		4.8		ug/Kg		07/18/13 14:29	07/19/13 13:28	1
Carbon tetrachloride	ND		4.8		ug/Kg		07/18/13 14:29	07/19/13 13:28	1
Chlorobenzene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 13:28	1
Chloroethane	ND		4.8		ug/Kg		07/18/13 14:29	07/19/13 13:28	1
Chloroform	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 13:28	1
Chloromethane	ND		4.8		ug/Kg		07/18/13 14:29	07/19/13 13:28	1
2-Chlorotoluene	ND		4.8		ug/Kg		07/18/13 14:29	07/19/13 13:28	1
4-Chlorotoluene	ND		4.8		ug/Kg		07/18/13 14:29	07/19/13 13:28	1
cis-1,2-Dichloroethene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 13:28	1
cis-1,3-Dichloropropene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 13:28	1
Dibromochloromethane	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 13:28	1
1,2-Dibromo-3-Chloropropane	ND		4.8		ug/Kg		07/18/13 14:29	07/19/13 13:28	1
1,2-Dibromoethane (EDB)	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 13:28	1
Dibromomethane	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 13:28	1
1,2-Dichlorobenzene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 13:28	1
1,3-Dichlorobenzene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 13:28	1
1,4-Dichlorobenzene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 13:28	1
Dichlorodifluoromethane	ND		4.8		ug/Kg		07/18/13 14:29	07/19/13 13:28	1
1,1-Dichloroethane	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 13:28	1
1,2-Dichloroethane	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 13:28	1
1,1-Dichloroethene	ND		4.8		ug/Kg		07/18/13 14:29	07/19/13 13:28	1
1,2-Dichloropropane	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 13:28	1
1,3-Dichloropropane	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 13:28	1
2,2-Dichloropropane	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 13:28	1
1,1-Dichloropropene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 13:28	1
Ethylbenzene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 13:28	1
Hexachlorobutadiene	ND		4.8		ug/Kg		07/18/13 14:29	07/19/13 13:28	1
Isopropylbenzene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 13:28	1
Methylene Chloride	ND		19		ug/Kg		07/18/13 14:29	07/19/13 13:28	1
m,p-Xylene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 13:28	1
Naphthalene	ND		4.8		ug/Kg		07/18/13 14:29	07/19/13 13:28	1
n-Butylbenzene	ND		4.8		ug/Kg		07/18/13 14:29	07/19/13 13:28	1
N-Propylbenzene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 13:28	1
o-Xylene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 13:28	1
p-Isopropyltoluene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 13:28	1
sec-Butylbenzene	ND		4.8		ug/Kg		07/18/13 14:29	07/19/13 13:28	1
Styrene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 13:28	1
tert-Butylbenzene	ND		4.8		ug/Kg		07/18/13 14:29	07/19/13 13:28	1
1,1,1,2-Tetrachloroethane	ND		4.8		ug/Kg		07/18/13 14:29	07/19/13 13:28	1
1,1,2,2-Tetrachloroethane	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 13:28	1
Tetrachloroethene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 13:28	1
Toluene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 13:28	1
trans-1,2-Dichloroethene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 13:28	1
trans-1,3-Dichloropropene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 13:28	1

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51942-1

Client Sample ID: EB-6-5

Date Collected: 07/17/13 08:19
Date Received: 07/17/13 18:00

Lab Sample ID: 440-51942-1
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	ND		4.8		ug/Kg		07/18/13 14:29	07/19/13 13:28	1
1,2,4-Trichlorobenzene	ND		4.8		ug/Kg		07/18/13 14:29	07/19/13 13:28	1
1,1,1-Trichloroethane	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 13:28	1
1,1,2-Trichloroethane	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 13:28	1
Trichloroethene	**9.0**		1.9		ug/Kg		07/18/13 14:29	07/19/13 13:28	1
Trichlorofluoromethane	ND		4.8		ug/Kg		07/18/13 14:29	07/19/13 13:28	1
1,2,3-Trichloropropane	ND		9.6		ug/Kg		07/18/13 14:29	07/19/13 13:28	1
1,2,4-Trimethylbenzene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 13:28	1
1,3,5-Trimethylbenzene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 13:28	1
Vinyl chloride	ND		4.8		ug/Kg		07/18/13 14:29	07/19/13 13:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*	*07/18/13 14:29*	*07/19/13 13:28*	*1*
Dibromofluoromethane (Surr)	*102*		*80 - 125*	*07/18/13 14:29*	*07/19/13 13:28*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*	*07/18/13 14:29*	*07/19/13 13:28*	*1*

Client Sample ID: EB-6-10

Date Collected: 07/17/13 08:20
Date Received: 07/17/13 18:00

Lab Sample ID: 440-51942-2
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 13:55	1
Bromobenzene	ND		4.9		ug/Kg		07/18/13 14:29	07/19/13 13:55	1
Bromochloromethane	ND		4.9		ug/Kg		07/18/13 14:29	07/19/13 13:55	1
Bromodichloromethane	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 13:55	1
Bromoform	ND		4.9		ug/Kg		07/18/13 14:29	07/19/13 13:55	1
Bromomethane	ND		4.9		ug/Kg		07/18/13 14:29	07/19/13 13:55	1
Carbon tetrachloride	ND		4.9		ug/Kg		07/18/13 14:29	07/19/13 13:55	1
Chlorobenzene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 13:55	1
Chloroethane	ND		4.9		ug/Kg		07/18/13 14:29	07/19/13 13:55	1
Chloroform	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 13:55	1
Chloromethane	ND		4.9		ug/Kg		07/18/13 14:29	07/19/13 13:55	1
2-Chlorotoluene	ND		4.9		ug/Kg		07/18/13 14:29	07/19/13 13:55	1
4-Chlorotoluene	ND		4.9		ug/Kg		07/18/13 14:29	07/19/13 13:55	1
cis-1,2-Dichloroethene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 13:55	1
cis-1,3-Dichloropropene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 13:55	1
Dibromochloromethane	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 13:55	1
1,2-Dibromo-3-Chloropropane	ND		4.9		ug/Kg		07/18/13 14:29	07/19/13 13:55	1
1,2-Dibromoethane (EDB)	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 13:55	1
Dibromomethane	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 13:55	1
1,2-Dichlorobenzene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 13:55	1
1,3-Dichlorobenzene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 13:55	1
1,4-Dichlorobenzene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 13:55	1
Dichlorodifluoromethane	ND		4.9		ug/Kg		07/18/13 14:29	07/19/13 13:55	1
1,1-Dichloroethane	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 13:55	1
1,2-Dichloroethane	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 13:55	1
1,1-Dichloroethene	ND		4.9		ug/Kg		07/18/13 14:29	07/19/13 13:55	1
1,2-Dichloropropane	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 13:55	1
1,3-Dichloropropane	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 13:55	1

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51942-1

Client Sample ID: EB-6-10

Date Collected: 07/17/13 08:20
Date Received: 07/17/13 18:00

Lab Sample ID: 440-51942-2
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
2,2-Dichloropropane	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 13:55	1
1,1-Dichloropropene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 13:55	1
Ethylbenzene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 13:55	1
Hexachlorobutadiene	ND		4.9		ug/Kg		07/18/13 14:29	07/19/13 13:55	1
Isopropylbenzene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 13:55	1
Methylene Chloride	ND		19		ug/Kg		07/18/13 14:29	07/19/13 13:55	1
m,p-Xylene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 13:55	1
Naphthalene	ND		4.9		ug/Kg		07/18/13 14:29	07/19/13 13:55	1
n-Butylbenzene	ND		4.9		ug/Kg		07/18/13 14:29	07/19/13 13:55	1
N-Propylbenzene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 13:55	1
o-Xylene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 13:55	1
p-Isopropyltoluene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 13:55	1
sec-Butylbenzene	ND		4.9		ug/Kg		07/18/13 14:29	07/19/13 13:55	1
Styrene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 13:55	1
tert-Butylbenzene	ND		4.9		ug/Kg		07/18/13 14:29	07/19/13 13:55	1
1,1,1,2-Tetrachloroethane	ND		4.9		ug/Kg		07/18/13 14:29	07/19/13 13:55	1
1,1,2,2-Tetrachloroethane	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 13:55	1
Tetrachloroethene	**9.0**		1.9		ug/Kg		07/18/13 14:29	07/19/13 13:55	1
Toluene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 13:55	1
trans-1,2-Dichloroethene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 13:55	1
trans-1,3-Dichloropropene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 13:55	1
1,2,3-Trichlorobenzene	ND		4.9		ug/Kg		07/18/13 14:29	07/19/13 13:55	1
1,2,4-Trichlorobenzene	ND		4.9		ug/Kg		07/18/13 14:29	07/19/13 13:55	1
1,1,1-Trichloroethane	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 13:55	1
1,1,2-Trichloroethane	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 13:55	1
Trichloroethene	**61**		1.9		ug/Kg		07/18/13 14:29	07/19/13 13:55	1
Trichlorofluoromethane	ND		4.9		ug/Kg		07/18/13 14:29	07/19/13 13:55	1
1,2,3-Trichloropropane	ND		9.7		ug/Kg		07/18/13 14:29	07/19/13 13:55	1
1,2,4-Trimethylbenzene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 13:55	1
1,3,5-Trimethylbenzene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 13:55	1
Vinyl chloride	ND		4.9		ug/Kg		07/18/13 14:29	07/19/13 13:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*80 - 120*	*07/18/13 14:29*	*07/19/13 13:55*	*1*
Dibromofluoromethane (Surr)	*104*		*80 - 125*	*07/18/13 14:29*	*07/19/13 13:55*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*	*07/18/13 14:29*	*07/19/13 13:55*	*1*

Client Sample ID: EB-6-20

Date Collected: 07/17/13 08:50
Date Received: 07/17/13 18:00

Lab Sample ID: 440-51942-4
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.7		ug/Kg		07/18/13 14:29	07/19/13 14:22	1
Bromobenzene	ND		4.3		ug/Kg		07/18/13 14:29	07/19/13 14:22	1
Bromochloromethane	ND		4.3		ug/Kg		07/18/13 14:29	07/19/13 14:22	1
Bromodichloromethane	ND		1.7		ug/Kg		07/18/13 14:29	07/19/13 14:22	1
Bromoform	ND		4.3		ug/Kg		07/18/13 14:29	07/19/13 14:22	1
Bromomethane	ND		4.3		ug/Kg		07/18/13 14:29	07/19/13 14:22	1
Carbon tetrachloride	ND		4.3		ug/Kg		07/18/13 14:29	07/19/13 14:22	1

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51942-1

Client Sample ID: EB-6-20
Date Collected: 07/17/13 08:50
Date Received: 07/17/13 18:00

Lab Sample ID: 440-51942-4
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		1.7		ug/Kg		07/18/13 14:29	07/19/13 14:22	1
Chloroethane	ND		4.3		ug/Kg		07/18/13 14:29	07/19/13 14:22	1
Chloroform	ND		1.7		ug/Kg		07/18/13 14:29	07/19/13 14:22	1
Chloromethane	ND		4.3		ug/Kg		07/18/13 14:29	07/19/13 14:22	1
2-Chlorotoluene	ND		4.3		ug/Kg		07/18/13 14:29	07/19/13 14:22	1
4-Chlorotoluene	ND		4.3		ug/Kg		07/18/13 14:29	07/19/13 14:22	1
cis-1,2-Dichloroethene	ND		1.7		ug/Kg		07/18/13 14:29	07/19/13 14:22	1
cis-1,3-Dichloropropene	ND		1.7		ug/Kg		07/18/13 14:29	07/19/13 14:22	1
Dibromochloromethane	ND		1.7		ug/Kg		07/18/13 14:29	07/19/13 14:22	1
1,2-Dibromo-3-Chloropropane	ND		4.3		ug/Kg		07/18/13 14:29	07/19/13 14:22	1
1,2-Dibromoethane (EDB)	ND		1.7		ug/Kg		07/18/13 14:29	07/19/13 14:22	1
Dibromomethane	ND		1.7		ug/Kg		07/18/13 14:29	07/19/13 14:22	1
1,2-Dichlorobenzene	ND		1.7		ug/Kg		07/18/13 14:29	07/19/13 14:22	1
1,3-Dichlorobenzene	ND		1.7		ug/Kg		07/18/13 14:29	07/19/13 14:22	1
1,4-Dichlorobenzene	ND		1.7		ug/Kg		07/18/13 14:29	07/19/13 14:22	1
Dichlorodifluoromethane	ND		4.3		ug/Kg		07/18/13 14:29	07/19/13 14:22	1
1,1-Dichloroethane	ND		1.7		ug/Kg		07/18/13 14:29	07/19/13 14:22	1
1,2-Dichloroethane	ND		1.7		ug/Kg		07/18/13 14:29	07/19/13 14:22	1
1,1-Dichloroethene	ND		4.3		ug/Kg		07/18/13 14:29	07/19/13 14:22	1
1,2-Dichloropropane	ND		1.7		ug/Kg		07/18/13 14:29	07/19/13 14:22	1
1,3-Dichloropropane	ND		1.7		ug/Kg		07/18/13 14:29	07/19/13 14:22	1
2,2-Dichloropropane	ND		1.7		ug/Kg		07/18/13 14:29	07/19/13 14:22	1
1,1-Dichloropropene	ND		1.7		ug/Kg		07/18/13 14:29	07/19/13 14:22	1
Ethylbenzene	ND		1.7		ug/Kg		07/18/13 14:29	07/19/13 14:22	1
Hexachlorobutadiene	ND		4.3		ug/Kg		07/18/13 14:29	07/19/13 14:22	1
Isopropylbenzene	ND		1.7		ug/Kg		07/18/13 14:29	07/19/13 14:22	1
Methylene Chloride	ND		17		ug/Kg		07/18/13 14:29	07/19/13 14:22	1
m,p-Xylene	ND		1.7		ug/Kg		07/18/13 14:29	07/19/13 14:22	1
Naphthalene	ND		4.3		ug/Kg		07/18/13 14:29	07/19/13 14:22	1
n-Butylbenzene	ND		4.3		ug/Kg		07/18/13 14:29	07/19/13 14:22	1
N-Propylbenzene	ND		1.7		ug/Kg		07/18/13 14:29	07/19/13 14:22	1
o-Xylene	ND		1.7		ug/Kg		07/18/13 14:29	07/19/13 14:22	1
p-Isopropyltoluene	ND		1.7		ug/Kg		07/18/13 14:29	07/19/13 14:22	1
sec-Butylbenzene	ND		4.3		ug/Kg		07/18/13 14:29	07/19/13 14:22	1
Styrene	ND		1.7		ug/Kg		07/18/13 14:29	07/19/13 14:22	1
tert-Butylbenzene	ND		4.3		ug/Kg		07/18/13 14:29	07/19/13 14:22	1
1,1,1,2-Tetrachloroethane	ND		4.3		ug/Kg		07/18/13 14:29	07/19/13 14:22	1
1,1,2,2-Tetrachloroethane	ND		1.7		ug/Kg		07/18/13 14:29	07/19/13 14:22	1
Tetrachloroethene	**5.6**		1.7		ug/Kg		07/18/13 14:29	07/19/13 14:22	1
Toluene	ND		1.7		ug/Kg		07/18/13 14:29	07/19/13 14:22	1
trans-1,2-Dichloroethene	ND		1.7		ug/Kg		07/18/13 14:29	07/19/13 14:22	1
trans-1,3-Dichloropropene	ND		1.7		ug/Kg		07/18/13 14:29	07/19/13 14:22	1
1,2,3-Trichlorobenzene	ND		4.3		ug/Kg		07/18/13 14:29	07/19/13 14:22	1
1,2,4-Trichlorobenzene	ND		4.3		ug/Kg		07/18/13 14:29	07/19/13 14:22	1
1,1,1-Trichloroethane	ND		1.7		ug/Kg		07/18/13 14:29	07/19/13 14:22	1
1,1,2-Trichloroethane	ND		1.7		ug/Kg		07/18/13 14:29	07/19/13 14:22	1
Trichloroethene	**58**		1.7		ug/Kg		07/18/13 14:29	07/19/13 14:22	1
Trichlorofluoromethane	ND		4.3		ug/Kg		07/18/13 14:29	07/19/13 14:22	1
1,2,3-Trichloropropane	ND		8.6		ug/Kg		07/18/13 14:29	07/19/13 14:22	1

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51942-1

Client Sample ID: EB-6-20

Lab Sample ID: 440-51942-4

Date Collected: 07/17/13 08:50
Matrix: Solid
Date Received: 07/17/13 18:00

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	ND		1.7		ug/Kg		07/18/13 14:29	07/19/13 14:22	1
1,3,5-Trimethylbenzene	ND		1.7		ug/Kg		07/18/13 14:29	07/19/13 14:22	1
Vinyl chloride	ND		4.3		ug/Kg		07/18/13 14:29	07/19/13 14:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*80 - 120*	*07/18/13 14:29*	*07/19/13 14:22*	*1*
Dibromofluoromethane (Surr)	*105*		*80 - 125*	*07/18/13 14:29*	*07/19/13 14:22*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*	*07/18/13 14:29*	*07/19/13 14:22*	*1*

Client Sample ID: EB-6-30

Lab Sample ID: 440-51942-6

Date Collected: 07/17/13 09:16
Matrix: Solid
Date Received: 07/17/13 18:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 14:50	1
Bromobenzene	ND		4.7		ug/Kg		07/18/13 14:29	07/19/13 14:50	1
Bromochloromethane	ND		4.7		ug/Kg		07/18/13 14:29	07/19/13 14:50	1
Bromodichloromethane	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 14:50	1
Bromoform	ND		4.7		ug/Kg		07/18/13 14:29	07/19/13 14:50	1
Bromomethane	ND		4.7		ug/Kg		07/18/13 14:29	07/19/13 14:50	1
Carbon tetrachloride	ND		4.7		ug/Kg		07/18/13 14:29	07/19/13 14:50	1
Chlorobenzene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 14:50	1
Chloroethane	ND		4.7		ug/Kg		07/18/13 14:29	07/19/13 14:50	1
Chloroform	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 14:50	1
Chloromethane	ND		4.7		ug/Kg		07/18/13 14:29	07/19/13 14:50	1
2-Chlorotoluene	ND		4.7		ug/Kg		07/18/13 14:29	07/19/13 14:50	1
4-Chlorotoluene	ND		4.7		ug/Kg		07/18/13 14:29	07/19/13 14:50	1
cis-1,2-Dichloroethene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 14:50	1
cis-1,3-Dichloropropene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 14:50	1
Dibromochloromethane	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 14:50	1
1,2-Dibromo-3-Chloropropane	ND		4.7		ug/Kg		07/18/13 14:29	07/19/13 14:50	1
1,2-Dibromoethane (EDB)	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 14:50	1
Dibromomethane	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 14:50	1
1,2-Dichlorobenzene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 14:50	1
1,3-Dichlorobenzene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 14:50	1
1,4-Dichlorobenzene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 14:50	1
Dichlorodifluoromethane	ND		4.7		ug/Kg		07/18/13 14:29	07/19/13 14:50	1
1,1-Dichloroethane	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 14:50	1
1,2-Dichloroethane	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 14:50	1
1,1-Dichloroethene	ND		4.7		ug/Kg		07/18/13 14:29	07/19/13 14:50	1
1,2-Dichloropropane	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 14:50	1
1,3-Dichloropropane	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 14:50	1
2,2-Dichloropropane	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 14:50	1
1,1-Dichloropropene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 14:50	1
Ethylbenzene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 14:50	1
Hexachlorobutadiene	ND		4.7		ug/Kg		07/18/13 14:29	07/19/13 14:50	1
Isopropylbenzene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 14:50	1
Methylene Chloride	ND		19		ug/Kg		07/18/13 14:29	07/19/13 14:50	1
m,p-Xylene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 14:50	1

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51942-1

Client Sample ID: EB-6-30

Lab Sample ID: 440-51942-6

Date Collected: 07/17/13 09:16

Matrix: Solid

Date Received: 07/17/13 18:00

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		4.7		ug/Kg		07/18/13 14:29	07/19/13 14:50	1
n-Butylbenzene	ND		4.7		ug/Kg		07/18/13 14:29	07/19/13 14:50	1
N-Propylbenzene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 14:50	1
o-Xylene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 14:50	1
p-Isopropyltoluene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 14:50	1
sec-Butylbenzene	ND		4.7		ug/Kg		07/18/13 14:29	07/19/13 14:50	1
Styrene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 14:50	1
tert-Butylbenzene	ND		4.7		ug/Kg		07/18/13 14:29	07/19/13 14:50	1
1,1,1,2-Tetrachloroethane	ND		4.7		ug/Kg		07/18/13 14:29	07/19/13 14:50	1
1,1,2,2-Tetrachloroethane	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 14:50	1
Tetrachloroethene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 14:50	1
Toluene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 14:50	1
trans-1,2-Dichloroethene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 14:50	1
trans-1,3-Dichloropropene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 14:50	1
1,2,3-Trichlorobenzene	ND		4.7		ug/Kg		07/18/13 14:29	07/19/13 14:50	1
1,2,4-Trichlorobenzene	ND		4.7		ug/Kg		07/18/13 14:29	07/19/13 14:50	1
1,1,1-Trichloroethane	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 14:50	1
1,1,2-Trichloroethane	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 14:50	1
Trichloroethene	**6.6**		1.9		ug/Kg		07/18/13 14:29	07/19/13 14:50	1
Trichlorofluoromethane	ND		4.7		ug/Kg		07/18/13 14:29	07/19/13 14:50	1
1,2,3-Trichloropropane	ND		9.3		ug/Kg		07/18/13 14:29	07/19/13 14:50	1
1,2,4-Trimethylbenzene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 14:50	1
1,3,5-Trimethylbenzene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 14:50	1
Vinyl chloride	ND		4.7		ug/Kg		07/18/13 14:29	07/19/13 14:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*80 - 120*	*07/18/13 14:29*	*07/19/13 14:50*	*1*
Dibromofluoromethane (Surr)	*107*		*80 - 125*	*07/18/13 14:29*	*07/19/13 14:50*	*1*
Toluene-d8 (Surr)	*108*		*80 - 120*	*07/18/13 14:29*	*07/19/13 14:50*	*1*

Client Sample ID: EB-6-40

Lab Sample ID: 440-51942-8

Date Collected: 07/17/13 11:05

Matrix: Solid

Date Received: 07/17/13 18:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/Kg		07/18/13 14:29	07/19/13 15:16	1
Bromobenzene	ND		5.0		ug/Kg		07/18/13 14:29	07/19/13 15:16	1
Bromochloromethane	ND		5.0		ug/Kg		07/18/13 14:29	07/19/13 15:16	1
Bromodichloromethane	ND		2.0		ug/Kg		07/18/13 14:29	07/19/13 15:16	1
Bromoform	ND		5.0		ug/Kg		07/18/13 14:29	07/19/13 15:16	1
Bromomethane	ND		5.0		ug/Kg		07/18/13 14:29	07/19/13 15:16	1
Carbon tetrachloride	ND		5.0		ug/Kg		07/18/13 14:29	07/19/13 15:16	1
Chlorobenzene	ND		2.0		ug/Kg		07/18/13 14:29	07/19/13 15:16	1
Chloroethane	ND		5.0		ug/Kg		07/18/13 14:29	07/19/13 15:16	1
Chloroform	ND		2.0		ug/Kg		07/18/13 14:29	07/19/13 15:16	1
Chloromethane	ND		5.0		ug/Kg		07/18/13 14:29	07/19/13 15:16	1
2-Chlorotoluene	ND		5.0		ug/Kg		07/18/13 14:29	07/19/13 15:16	1
4-Chlorotoluene	ND		5.0		ug/Kg		07/18/13 14:29	07/19/13 15:16	1
cis-1,2-Dichloroethene	ND		2.0		ug/Kg		07/18/13 14:29	07/19/13 15:16	1

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51942-1

Client Sample ID: EB-6-40
Date Collected: 07/17/13 11:05
Date Received: 07/17/13 18:00

Lab Sample ID: 440-51942-8
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		2.0		ug/Kg		07/18/13 14:29	07/19/13 15:16	1
Dibromochloromethane	ND		2.0		ug/Kg		07/18/13 14:29	07/19/13 15:16	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/Kg		07/18/13 14:29	07/19/13 15:16	1
1,2-Dibromoethane (EDB)	ND		2.0		ug/Kg		07/18/13 14:29	07/19/13 15:16	1
Dibromomethane	ND		2.0		ug/Kg		07/18/13 14:29	07/19/13 15:16	1
1,2-Dichlorobenzene	ND		2.0		ug/Kg		07/18/13 14:29	07/19/13 15:16	1
1,3-Dichlorobenzene	ND		2.0		ug/Kg		07/18/13 14:29	07/19/13 15:16	1
1,4-Dichlorobenzene	ND		2.0		ug/Kg		07/18/13 14:29	07/19/13 15:16	1
Dichlorodifluoromethane	ND		5.0		ug/Kg		07/18/13 14:29	07/19/13 15:16	1
1,1-Dichloroethane	ND		2.0		ug/Kg		07/18/13 14:29	07/19/13 15:16	1
1,2-Dichloroethane	ND		2.0		ug/Kg		07/18/13 14:29	07/19/13 15:16	1
1,1-Dichloroethene	ND		5.0		ug/Kg		07/18/13 14:29	07/19/13 15:16	1
1,2-Dichloropropane	ND		2.0		ug/Kg		07/18/13 14:29	07/19/13 15:16	1
1,3-Dichloropropane	ND		2.0		ug/Kg		07/18/13 14:29	07/19/13 15:16	1
2,2-Dichloropropane	ND		2.0		ug/Kg		07/18/13 14:29	07/19/13 15:16	1
1,1-Dichloropropene	ND		2.0		ug/Kg		07/18/13 14:29	07/19/13 15:16	1
Ethylbenzene	ND		2.0		ug/Kg		07/18/13 14:29	07/19/13 15:16	1
Hexachlorobutadiene	ND		5.0		ug/Kg		07/18/13 14:29	07/19/13 15:16	1
Isopropylbenzene	ND		2.0		ug/Kg		07/18/13 14:29	07/19/13 15:16	1
Methylene Chloride	ND		20		ug/Kg		07/18/13 14:29	07/19/13 15:16	1
m,p-Xylene	ND		2.0		ug/Kg		07/18/13 14:29	07/19/13 15:16	1
Naphthalene	ND		5.0		ug/Kg		07/18/13 14:29	07/19/13 15:16	1
n-Butylbenzene	ND		5.0		ug/Kg		07/18/13 14:29	07/19/13 15:16	1
N-Propylbenzene	ND		2.0		ug/Kg		07/18/13 14:29	07/19/13 15:16	1
o-Xylene	ND		2.0		ug/Kg		07/18/13 14:29	07/19/13 15:16	1
p-Isopropyltoluene	ND		2.0		ug/Kg		07/18/13 14:29	07/19/13 15:16	1
sec-Butylbenzene	ND		5.0		ug/Kg		07/18/13 14:29	07/19/13 15:16	1
Styrene	ND		2.0		ug/Kg		07/18/13 14:29	07/19/13 15:16	1
tert-Butylbenzene	ND		5.0		ug/Kg		07/18/13 14:29	07/19/13 15:16	1
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg		07/18/13 14:29	07/19/13 15:16	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		07/18/13 14:29	07/19/13 15:16	1
Tetrachloroethene	ND		2.0		ug/Kg		07/18/13 14:29	07/19/13 15:16	1
Toluene	ND		2.0		ug/Kg		07/18/13 14:29	07/19/13 15:16	1
trans-1,2-Dichloroethene	ND		2.0		ug/Kg		07/18/13 14:29	07/19/13 15:16	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		07/18/13 14:29	07/19/13 15:16	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg		07/18/13 14:29	07/19/13 15:16	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg		07/18/13 14:29	07/19/13 15:16	1
1,1,1-Trichloroethane	ND		2.0		ug/Kg		07/18/13 14:29	07/19/13 15:16	1
1,1,2-Trichloroethane	ND		2.0		ug/Kg		07/18/13 14:29	07/19/13 15:16	1
Trichloroethene	ND		2.0		ug/Kg		07/18/13 14:29	07/19/13 15:16	1
Trichlorofluoromethane	ND		5.0		ug/Kg		07/18/13 14:29	07/19/13 15:16	1
1,2,3-Trichloropropane	ND		9.9		ug/Kg		07/18/13 14:29	07/19/13 15:16	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		07/18/13 14:29	07/19/13 15:16	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		07/18/13 14:29	07/19/13 15:16	1
Vinyl chloride	ND		5.0		ug/Kg		07/18/13 14:29	07/19/13 15:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*	*07/18/13 14:29*	*07/19/13 15:16*	*1*
Dibromofluoromethane (Surr)	*107*		*80 - 125*	*07/18/13 14:29*	*07/19/13 15:16*	*1*
Toluene-d8 (Surr)	*109*		*80 - 120*	*07/18/13 14:29*	*07/19/13 15:16*	*1*

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51942-1

Client Sample ID: EB-6-HP-44.2
Date Collected: 07/17/13 12:30
Date Received: 07/17/13 18:00

Lab Sample ID: 440-51942-9
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.5		ug/L			07/20/13 20:49	5
Bromobenzene	ND		5.0		ug/L			07/20/13 20:49	5
Bromochloromethane	ND		5.0		ug/L			07/20/13 20:49	5
Bromodichloromethane	ND		5.0		ug/L			07/20/13 20:49	5
Bromoform	ND		5.0		ug/L			07/20/13 20:49	5
Bromomethane	ND		5.0		ug/L			07/20/13 20:49	5
Carbon tetrachloride	ND		2.5		ug/L			07/20/13 20:49	5
Chlorobenzene	ND		5.0		ug/L			07/20/13 20:49	5
Chloroethane	ND		5.0		ug/L			07/20/13 20:49	5
Chloroform	ND		5.0		ug/L			07/20/13 20:49	5
Chloromethane	ND		5.0		ug/L			07/20/13 20:49	5
2-Chlorotoluene	ND		5.0		ug/L			07/20/13 20:49	5
4-Chlorotoluene	ND		5.0		ug/L			07/20/13 20:49	5
cis-1,2-Dichloroethene	ND		5.0		ug/L			07/20/13 20:49	5
cis-1,3-Dichloropropene	ND		2.5		ug/L			07/20/13 20:49	5
Dibromochloromethane	ND		5.0		ug/L			07/20/13 20:49	5
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/20/13 20:49	5
1,2-Dibromoethane (EDB)	ND		5.0		ug/L			07/20/13 20:49	5
Dibromomethane	ND		5.0		ug/L			07/20/13 20:49	5
1,2-Dichlorobenzene	ND		5.0		ug/L			07/20/13 20:49	5
1,3-Dichlorobenzene	ND		5.0		ug/L			07/20/13 20:49	5
1,4-Dichlorobenzene	ND		5.0		ug/L			07/20/13 20:49	5
Dichlorodifluoromethane	ND		25		ug/L			07/20/13 20:49	5
1,1-Dichloroethane	ND		5.0		ug/L			07/20/13 20:49	5
1,2-Dichloroethane	ND		2.5		ug/L			07/20/13 20:49	5
1,1-Dichloroethene	ND		5.0		ug/L			07/20/13 20:49	5
1,2-Dichloropropane	ND		5.0		ug/L			07/20/13 20:49	5
1,3-Dichloropropane	ND		5.0		ug/L			07/20/13 20:49	5
2,2-Dichloropropane	ND		5.0		ug/L			07/20/13 20:49	5
1,1-Dichloropropene	ND		5.0		ug/L			07/20/13 20:49	5
Ethylbenzene	ND		5.0		ug/L			07/20/13 20:49	5
Hexachlorobutadiene	ND		5.0		ug/L			07/20/13 20:49	5
Isopropylbenzene	ND		5.0		ug/L			07/20/13 20:49	5
Methylene Chloride	ND		25		ug/L			07/20/13 20:49	5
m,p-Xylene	ND		5.0		ug/L			07/20/13 20:49	5
Naphthalene	ND		5.0		ug/L			07/20/13 20:49	5
n-Butylbenzene	ND		5.0		ug/L			07/20/13 20:49	5
N-Propylbenzene	ND		5.0		ug/L			07/20/13 20:49	5
o-Xylene	ND		5.0		ug/L			07/20/13 20:49	5
p-Isopropyltoluene	ND		5.0		ug/L			07/20/13 20:49	5
sec-Butylbenzene	ND		5.0		ug/L			07/20/13 20:49	5
Styrene	ND		5.0		ug/L			07/20/13 20:49	5
tert-Butylbenzene	ND		5.0		ug/L			07/20/13 20:49	5
1,1,1,2-Tetrachloroethane	ND		5.0		ug/L			07/20/13 20:49	5
1,1,2,2-Tetrachloroethane	ND		5.0		ug/L			07/20/13 20:49	5
Tetrachloroethene	**25**		5.0		ug/L			07/20/13 20:49	5
Toluene	ND		5.0		ug/L			07/20/13 20:49	5
trans-1,2-Dichloroethene	ND		5.0		ug/L			07/20/13 20:49	5
trans-1,3-Dichloropropene	ND		2.5		ug/L			07/20/13 20:49	5

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51942-1

Client Sample ID: EB-6-HP-44.2

Lab Sample ID: 440-51942-9

Date Collected: 07/17/13 12:30
Matrix: Water
Date Received: 07/17/13 18:00

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	ND		5.0		ug/L			07/20/13 20:49	5
1,2,4-Trichlorobenzene	ND		5.0		ug/L			07/20/13 20:49	5
1,1,1-Trichloroethane	ND		5.0		ug/L			07/20/13 20:49	5
1,1,2-Trichloroethane	ND		5.0		ug/L			07/20/13 20:49	5
Trichloroethene	**300**		5.0		ug/L			07/20/13 20:49	5
Trichlorofluoromethane	ND		5.0		ug/L			07/20/13 20:49	5
1,2,3-Trichloropropane	ND		5.0		ug/L			07/20/13 20:49	5
1,2,4-Trimethylbenzene	ND		5.0		ug/L			07/20/13 20:49	5
1,3,5-Trimethylbenzene	ND		5.0		ug/L			07/20/13 20:49	5
Vinyl chloride	ND		2.5		ug/L			07/20/13 20:49	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*		*07/20/13 20:49*	*5*
Dibromofluoromethane (Surr)	*111*		*80 - 120*		*07/20/13 20:49*	*5*
Toluene-d8 (Surr)	*104*		*80 - 120*		*07/20/13 20:49*	*5*

Client Sample ID: EB-4-5

Lab Sample ID: 440-51942-10

Date Collected: 07/17/13 13:35
Matrix: Solid
Date Received: 07/17/13 18:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 15:44	1
Bromobenzene	ND		4.8		ug/Kg		07/18/13 14:29	07/19/13 15:44	1
Bromochloromethane	ND		4.8		ug/Kg		07/18/13 14:29	07/19/13 15:44	1
Bromodichloromethane	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 15:44	1
Bromoform	ND		4.8		ug/Kg		07/18/13 14:29	07/19/13 15:44	1
Bromomethane	ND		4.8		ug/Kg		07/18/13 14:29	07/19/13 15:44	1
Carbon tetrachloride	ND		4.8		ug/Kg		07/18/13 14:29	07/19/13 15:44	1
Chlorobenzene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 15:44	1
Chloroethane	ND		4.8		ug/Kg		07/18/13 14:29	07/19/13 15:44	1
Chloroform	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 15:44	1
Chloromethane	ND		4.8		ug/Kg		07/18/13 14:29	07/19/13 15:44	1
2-Chlorotoluene	ND		4.8		ug/Kg		07/18/13 14:29	07/19/13 15:44	1
4-Chlorotoluene	ND		4.8		ug/Kg		07/18/13 14:29	07/19/13 15:44	1
cis-1,2-Dichloroethene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 15:44	1
cis-1,3-Dichloropropene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 15:44	1
Dibromochloromethane	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 15:44	1
1,2-Dibromo-3-Chloropropane	ND		4.8		ug/Kg		07/18/13 14:29	07/19/13 15:44	1
1,2-Dibromoethane (EDB)	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 15:44	1
Dibromomethane	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 15:44	1
1,2-Dichlorobenzene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 15:44	1
1,3-Dichlorobenzene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 15:44	1
1,4-Dichlorobenzene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 15:44	1
Dichlorodifluoromethane	ND		4.8		ug/Kg		07/18/13 14:29	07/19/13 15:44	1
1,1-Dichloroethane	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 15:44	1
1,2-Dichloroethane	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 15:44	1
1,1-Dichloroethene	ND		4.8		ug/Kg		07/18/13 14:29	07/19/13 15:44	1
1,2-Dichloropropane	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 15:44	1
1,3-Dichloropropane	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 15:44	1

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51942-1

Client Sample ID: EB-4-5

Date Collected: 07/17/13 13:35
Date Received: 07/17/13 18:00

Lab Sample ID: 440-51942-10
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
2,2-Dichloropropane	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 15:44	1
1,1-Dichloropropene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 15:44	1
Ethylbenzene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 15:44	1
Hexachlorobutadiene	ND		4.8		ug/Kg		07/18/13 14:29	07/19/13 15:44	1
Isopropylbenzene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 15:44	1
Methylene Chloride	ND		19		ug/Kg		07/18/13 14:29	07/19/13 15:44	1
m,p-Xylene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 15:44	1
Naphthalene	ND		4.8		ug/Kg		07/18/13 14:29	07/19/13 15:44	1
n-Butylbenzene	ND		4.8		ug/Kg		07/18/13 14:29	07/19/13 15:44	1
N-Propylbenzene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 15:44	1
o-Xylene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 15:44	1
p-Isopropyltoluene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 15:44	1
sec-Butylbenzene	ND		4.8		ug/Kg		07/18/13 14:29	07/19/13 15:44	1
Styrene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 15:44	1
tert-Butylbenzene	ND		4.8		ug/Kg		07/18/13 14:29	07/19/13 15:44	1
1,1,1,2-Tetrachloroethane	ND		4.8		ug/Kg		07/18/13 14:29	07/19/13 15:44	1
1,1,2,2-Tetrachloroethane	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 15:44	1
Tetrachloroethene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 15:44	1
Toluene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 15:44	1
trans-1,2-Dichloroethene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 15:44	1
trans-1,3-Dichloropropene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 15:44	1
1,2,3-Trichlorobenzene	ND		4.8		ug/Kg		07/18/13 14:29	07/19/13 15:44	1
1,2,4-Trichlorobenzene	ND		4.8		ug/Kg		07/18/13 14:29	07/19/13 15:44	1
1,1,1-Trichloroethane	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 15:44	1
1,1,2-Trichloroethane	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 15:44	1
Trichloroethene	**4.2**		1.9		ug/Kg		07/18/13 14:29	07/19/13 15:44	1
Trichlorofluoromethane	ND		4.8		ug/Kg		07/18/13 14:29	07/19/13 15:44	1
1,2,3-Trichloropropane	ND		9.7		ug/Kg		07/18/13 14:29	07/19/13 15:44	1
1,2,4-Trimethylbenzene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 15:44	1
1,3,5-Trimethylbenzene	ND		1.9		ug/Kg		07/18/13 14:29	07/19/13 15:44	1
Vinyl chloride	ND		4.8		ug/Kg		07/18/13 14:29	07/19/13 15:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*	*07/18/13 14:29*	*07/19/13 15:44*	*1*
Dibromofluoromethane (Surr)	*106*		*80 - 125*	*07/18/13 14:29*	*07/19/13 15:44*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*	*07/18/13 14:29*	*07/19/13 15:44*	*1*

Client Sample ID: EB-4-10

Date Collected: 07/17/13 13:49
Date Received: 07/17/13 18:00

Lab Sample ID: 440-51942-11
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.2		ug/Kg		07/18/13 14:29	07/19/13 16:11	1
Bromobenzene	ND		5.4		ug/Kg		07/18/13 14:29	07/19/13 16:11	1
Bromochloromethane	ND		5.4		ug/Kg		07/18/13 14:29	07/19/13 16:11	1
Bromodichloromethane	ND		2.2		ug/Kg		07/18/13 14:29	07/19/13 16:11	1
Bromoform	ND		5.4		ug/Kg		07/18/13 14:29	07/19/13 16:11	1
Bromomethane	ND		5.4		ug/Kg		07/18/13 14:29	07/19/13 16:11	1
Carbon tetrachloride	ND		5.4		ug/Kg		07/18/13 14:29	07/19/13 16:11	1

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51942-1

Client Sample ID: EB-4-10
Date Collected: 07/17/13 13:49
Date Received: 07/17/13 18:00

Lab Sample ID: 440-51942-11
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		2.2		ug/Kg		07/18/13 14:29	07/19/13 16:11	1
Chloroethane	ND		5.4		ug/Kg		07/18/13 14:29	07/19/13 16:11	1
Chloroform	ND		2.2		ug/Kg		07/18/13 14:29	07/19/13 16:11	1
Chloromethane	ND		5.4		ug/Kg		07/18/13 14:29	07/19/13 16:11	1
2-Chlorotoluene	ND		5.4		ug/Kg		07/18/13 14:29	07/19/13 16:11	1
4-Chlorotoluene	ND		5.4		ug/Kg		07/18/13 14:29	07/19/13 16:11	1
cis-1,2-Dichloroethene	ND		2.2		ug/Kg		07/18/13 14:29	07/19/13 16:11	1
cis-1,3-Dichloropropene	ND		2.2		ug/Kg		07/18/13 14:29	07/19/13 16:11	1
Dibromochloromethane	ND		2.2		ug/Kg		07/18/13 14:29	07/19/13 16:11	1
1,2-Dibromo-3-Chloropropane	ND		5.4		ug/Kg		07/18/13 14:29	07/19/13 16:11	1
1,2-Dibromoethane (EDB)	ND		2.2		ug/Kg		07/18/13 14:29	07/19/13 16:11	1
Dibromomethane	ND		2.2		ug/Kg		07/18/13 14:29	07/19/13 16:11	1
1,2-Dichlorobenzene	ND		2.2		ug/Kg		07/18/13 14:29	07/19/13 16:11	1
1,3-Dichlorobenzene	ND		2.2		ug/Kg		07/18/13 14:29	07/19/13 16:11	1
1,4-Dichlorobenzene	ND		2.2		ug/Kg		07/18/13 14:29	07/19/13 16:11	1
Dichlorodifluoromethane	ND		5.4		ug/Kg		07/18/13 14:29	07/19/13 16:11	1
1,1-Dichloroethane	ND		2.2		ug/Kg		07/18/13 14:29	07/19/13 16:11	1
1,2-Dichloroethane	ND		2.2		ug/Kg		07/18/13 14:29	07/19/13 16:11	1
1,1-Dichloroethene	ND		5.4		ug/Kg		07/18/13 14:29	07/19/13 16:11	1
1,2-Dichloropropane	ND		2.2		ug/Kg		07/18/13 14:29	07/19/13 16:11	1
1,3-Dichloropropane	ND		2.2		ug/Kg		07/18/13 14:29	07/19/13 16:11	1
2,2-Dichloropropane	ND		2.2		ug/Kg		07/18/13 14:29	07/19/13 16:11	1
1,1-Dichloropropene	ND		2.2		ug/Kg		07/18/13 14:29	07/19/13 16:11	1
Ethylbenzene	ND		2.2		ug/Kg		07/18/13 14:29	07/19/13 16:11	1
Hexachlorobutadiene	ND		5.4		ug/Kg		07/18/13 14:29	07/19/13 16:11	1
Isopropylbenzene	ND		2.2		ug/Kg		07/18/13 14:29	07/19/13 16:11	1
Methylene Chloride	ND		22		ug/Kg		07/18/13 14:29	07/19/13 16:11	1
m,p-Xylene	ND		2.2		ug/Kg		07/18/13 14:29	07/19/13 16:11	1
Naphthalene	ND		5.4		ug/Kg		07/18/13 14:29	07/19/13 16:11	1
n-Butylbenzene	ND		5.4		ug/Kg		07/18/13 14:29	07/19/13 16:11	1
N-Propylbenzene	ND		2.2		ug/Kg		07/18/13 14:29	07/19/13 16:11	1
o-Xylene	ND		2.2		ug/Kg		07/18/13 14:29	07/19/13 16:11	1
p-Isopropyltoluene	ND		2.2		ug/Kg		07/18/13 14:29	07/19/13 16:11	1
sec-Butylbenzene	ND		5.4		ug/Kg		07/18/13 14:29	07/19/13 16:11	1
Styrene	ND		2.2		ug/Kg		07/18/13 14:29	07/19/13 16:11	1
tert-Butylbenzene	ND		5.4		ug/Kg		07/18/13 14:29	07/19/13 16:11	1
1,1,1,2-Tetrachloroethane	ND		5.4		ug/Kg		07/18/13 14:29	07/19/13 16:11	1
1,1,2,2-Tetrachloroethane	ND		2.2		ug/Kg		07/18/13 14:29	07/19/13 16:11	1
Tetrachloroethene	ND		2.2		ug/Kg		07/18/13 14:29	07/19/13 16:11	1
Toluene	ND		2.2		ug/Kg		07/18/13 14:29	07/19/13 16:11	1
trans-1,2-Dichloroethene	ND		2.2		ug/Kg		07/18/13 14:29	07/19/13 16:11	1
trans-1,3-Dichloropropene	ND		2.2		ug/Kg		07/18/13 14:29	07/19/13 16:11	1
1,2,3-Trichlorobenzene	ND		5.4		ug/Kg		07/18/13 14:29	07/19/13 16:11	1
1,2,4-Trichlorobenzene	ND		5.4		ug/Kg		07/18/13 14:29	07/19/13 16:11	1
1,1,1-Trichloroethane	ND		2.2		ug/Kg		07/18/13 14:29	07/19/13 16:11	1
1,1,2-Trichloroethane	ND		2.2		ug/Kg		07/18/13 14:29	07/19/13 16:11	1
Trichloroethene	ND		2.2		ug/Kg		07/18/13 14:29	07/19/13 16:11	1
Trichlorofluoromethane	ND		5.4		ug/Kg		07/18/13 14:29	07/19/13 16:11	1
1,2,3-Trichloropropane	ND		11		ug/Kg		07/18/13 14:29	07/19/13 16:11	1

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51942-1

Client Sample ID: EB-4-10

Lab Sample ID: 440-51942-11

Date Collected: 07/17/13 13:49

Matrix: Solid

Date Received: 07/17/13 18:00

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	ND		2.2		ug/Kg		07/18/13 14:29	07/19/13 16:11	1
1,3,5-Trimethylbenzene	ND		2.2		ug/Kg		07/18/13 14:29	07/19/13 16:11	1
Vinyl chloride	ND		5.4		ug/Kg		07/18/13 14:29	07/19/13 16:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*	*07/18/13 14:29*	*07/19/13 16:11*	*1*
Dibromofluoromethane (Surr)	*109*		*80 - 125*	*07/18/13 14:29*	*07/19/13 16:11*	*1*
Toluene-d8 (Surr)	*107*		*80 - 120*	*07/18/13 14:29*	*07/19/13 16:11*	*1*

Client Sample ID: EB-4-20

Lab Sample ID: 440-51942-13

Date Collected: 07/17/13 14:32

Matrix: Solid

Date Received: 07/17/13 18:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.2		ug/Kg		07/18/13 14:29	07/19/13 16:38	1
Bromobenzene	ND		5.4		ug/Kg		07/18/13 14:29	07/19/13 16:38	1
Bromochloromethane	ND		5.4		ug/Kg		07/18/13 14:29	07/19/13 16:38	1
Bromodichloromethane	ND		2.2		ug/Kg		07/18/13 14:29	07/19/13 16:38	1
Bromoform	ND		5.4		ug/Kg		07/18/13 14:29	07/19/13 16:38	1
Bromomethane	ND		5.4		ug/Kg		07/18/13 14:29	07/19/13 16:38	1
Carbon tetrachloride	ND		5.4		ug/Kg		07/18/13 14:29	07/19/13 16:38	1
Chlorobenzene	ND		2.2		ug/Kg		07/18/13 14:29	07/19/13 16:38	1
Chloroethane	ND		5.4		ug/Kg		07/18/13 14:29	07/19/13 16:38	1
Chloroform	ND		2.2		ug/Kg		07/18/13 14:29	07/19/13 16:38	1
Chloromethane	ND		5.4		ug/Kg		07/18/13 14:29	07/19/13 16:38	1
2-Chlorotoluene	ND		5.4		ug/Kg		07/18/13 14:29	07/19/13 16:38	1
4-Chlorotoluene	ND		5.4		ug/Kg		07/18/13 14:29	07/19/13 16:38	1
cis-1,2-Dichloroethene	ND		2.2		ug/Kg		07/18/13 14:29	07/19/13 16:38	1
cis-1,3-Dichloropropene	ND		2.2		ug/Kg		07/18/13 14:29	07/19/13 16:38	1
Dibromochloromethane	ND		2.2		ug/Kg		07/18/13 14:29	07/19/13 16:38	1
1,2-Dibromo-3-Chloropropane	ND		5.4		ug/Kg		07/18/13 14:29	07/19/13 16:38	1
1,2-Dibromoethane (EDB)	ND		2.2		ug/Kg		07/18/13 14:29	07/19/13 16:38	1
Dibromomethane	ND		2.2		ug/Kg		07/18/13 14:29	07/19/13 16:38	1
1,2-Dichlorobenzene	ND		2.2		ug/Kg		07/18/13 14:29	07/19/13 16:38	1
1,3-Dichlorobenzene	ND		2.2		ug/Kg		07/18/13 14:29	07/19/13 16:38	1
1,4-Dichlorobenzene	ND		2.2		ug/Kg		07/18/13 14:29	07/19/13 16:38	1
Dichlorodifluoromethane	ND		5.4		ug/Kg		07/18/13 14:29	07/19/13 16:38	1
1,1-Dichloroethane	ND		2.2		ug/Kg		07/18/13 14:29	07/19/13 16:38	1
1,2-Dichloroethane	ND		2.2		ug/Kg		07/18/13 14:29	07/19/13 16:38	1
1,1-Dichloroethene	ND		5.4		ug/Kg		07/18/13 14:29	07/19/13 16:38	1
1,2-Dichloropropane	ND		2.2		ug/Kg		07/18/13 14:29	07/19/13 16:38	1
1,3-Dichloropropane	ND		2.2		ug/Kg		07/18/13 14:29	07/19/13 16:38	1
2,2-Dichloropropane	ND		2.2		ug/Kg		07/18/13 14:29	07/19/13 16:38	1
1,1-Dichloropropene	ND		2.2		ug/Kg		07/18/13 14:29	07/19/13 16:38	1
Ethylbenzene	ND		2.2		ug/Kg		07/18/13 14:29	07/19/13 16:38	1
Hexachlorobutadiene	ND		5.4		ug/Kg		07/18/13 14:29	07/19/13 16:38	1
Isopropylbenzene	ND		2.2		ug/Kg		07/18/13 14:29	07/19/13 16:38	1
Methylene Chloride	ND		22		ug/Kg		07/18/13 14:29	07/19/13 16:38	1
m,p-Xylene	ND		2.2		ug/Kg		07/18/13 14:29	07/19/13 16:38	1

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51942-1

Client Sample ID: EB-4-20

Lab Sample ID: 440-51942-13

Date Collected: 07/17/13 14:32

Matrix: Solid

Date Received: 07/17/13 18:00

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		5.4		ug/Kg		07/18/13 14:29	07/19/13 16:38	1
n-Butylbenzene	ND		5.4		ug/Kg		07/18/13 14:29	07/19/13 16:38	1
N-Propylbenzene	ND		2.2		ug/Kg		07/18/13 14:29	07/19/13 16:38	1
o-Xylene	ND		2.2		ug/Kg		07/18/13 14:29	07/19/13 16:38	1
p-Isopropyltoluene	ND		2.2		ug/Kg		07/18/13 14:29	07/19/13 16:38	1
sec-Butylbenzene	ND		5.4		ug/Kg		07/18/13 14:29	07/19/13 16:38	1
Styrene	ND		2.2		ug/Kg		07/18/13 14:29	07/19/13 16:38	1
tert-Butylbenzene	ND		5.4		ug/Kg		07/18/13 14:29	07/19/13 16:38	1
1,1,1,2-Tetrachloroethane	ND		5.4		ug/Kg		07/18/13 14:29	07/19/13 16:38	1
1,1,2,2-Tetrachloroethane	ND		2.2		ug/Kg		07/18/13 14:29	07/19/13 16:38	1
Tetrachloroethene	ND		2.2		ug/Kg		07/18/13 14:29	07/19/13 16:38	1
Toluene	ND		2.2		ug/Kg		07/18/13 14:29	07/19/13 16:38	1
trans-1,2-Dichloroethene	ND		2.2		ug/Kg		07/18/13 14:29	07/19/13 16:38	1
trans-1,3-Dichloropropene	ND		2.2		ug/Kg		07/18/13 14:29	07/19/13 16:38	1
1,2,3-Trichlorobenzene	ND		5.4		ug/Kg		07/18/13 14:29	07/19/13 16:38	1
1,2,4-Trichlorobenzene	ND		5.4		ug/Kg		07/18/13 14:29	07/19/13 16:38	1
1,1,1-Trichloroethane	ND		2.2		ug/Kg		07/18/13 14:29	07/19/13 16:38	1
1,1,2-Trichloroethane	ND		2.2		ug/Kg		07/18/13 14:29	07/19/13 16:38	1
Trichloroethene	ND		2.2		ug/Kg		07/18/13 14:29	07/19/13 16:38	1
Trichlorofluoromethane	ND		5.4		ug/Kg		07/18/13 14:29	07/19/13 16:38	1
1,2,3-Trichloropropane	ND		11		ug/Kg		07/18/13 14:29	07/19/13 16:38	1
1,2,4-Trimethylbenzene	ND		2.2		ug/Kg		07/18/13 14:29	07/19/13 16:38	1
1,3,5-Trimethylbenzene	ND		2.2		ug/Kg		07/18/13 14:29	07/19/13 16:38	1
Vinyl chloride	ND		5.4		ug/Kg		07/18/13 14:29	07/19/13 16:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*80 - 120*	*07/18/13 14:29*	*07/19/13 16:38*	*1*
Dibromofluoromethane (Surr)	*106*		*80 - 125*	*07/18/13 14:29*	*07/19/13 16:38*	*1*
Toluene-d8 (Surr)	*109*		*80 - 120*	*07/18/13 14:29*	*07/19/13 16:38*	*1*

Client Sample ID: EB-4-30

Lab Sample ID: 440-51942-15

Date Collected: 07/17/13 15:11

Matrix: Solid

Date Received: 07/17/13 18:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.3		ug/Kg		07/18/13 14:29	07/19/13 17:05	1
Bromobenzene	ND		5.7		ug/Kg		07/18/13 14:29	07/19/13 17:05	1
Bromochloromethane	ND		5.7		ug/Kg		07/18/13 14:29	07/19/13 17:05	1
Bromodichloromethane	ND		2.3		ug/Kg		07/18/13 14:29	07/19/13 17:05	1
Bromoform	ND		5.7		ug/Kg		07/18/13 14:29	07/19/13 17:05	1
Bromomethane	ND		5.7		ug/Kg		07/18/13 14:29	07/19/13 17:05	1
Carbon tetrachloride	ND		5.7		ug/Kg		07/18/13 14:29	07/19/13 17:05	1
Chlorobenzene	ND		2.3		ug/Kg		07/18/13 14:29	07/19/13 17:05	1
Chloroethane	ND		5.7		ug/Kg		07/18/13 14:29	07/19/13 17:05	1
Chloroform	ND		2.3		ug/Kg		07/18/13 14:29	07/19/13 17:05	1
Chloromethane	ND		5.7		ug/Kg		07/18/13 14:29	07/19/13 17:05	1
2-Chlorotoluene	ND		5.7		ug/Kg		07/18/13 14:29	07/19/13 17:05	1
4-Chlorotoluene	ND		5.7		ug/Kg		07/18/13 14:29	07/19/13 17:05	1
cis-1,2-Dichloroethene	ND		2.3		ug/Kg		07/18/13 14:29	07/19/13 17:05	1

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51942-1

Client Sample ID: EB-4-30
Date Collected: 07/17/13 15:11
Date Received: 07/17/13 18:00

Lab Sample ID: 440-51942-15
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		2.3		ug/Kg		07/18/13 14:29	07/19/13 17:05	1
Dibromochloromethane	ND		2.3		ug/Kg		07/18/13 14:29	07/19/13 17:05	1
1,2-Dibromo-3-Chloropropane	ND		5.7		ug/Kg		07/18/13 14:29	07/19/13 17:05	1
1,2-Dibromoethane (EDB)	ND		2.3		ug/Kg		07/18/13 14:29	07/19/13 17:05	1
Dibromomethane	ND		2.3		ug/Kg		07/18/13 14:29	07/19/13 17:05	1
1,2-Dichlorobenzene	ND		2.3		ug/Kg		07/18/13 14:29	07/19/13 17:05	1
1,3-Dichlorobenzene	ND		2.3		ug/Kg		07/18/13 14:29	07/19/13 17:05	1
1,4-Dichlorobenzene	ND		2.3		ug/Kg		07/18/13 14:29	07/19/13 17:05	1
Dichlorodifluoromethane	ND		5.7		ug/Kg		07/18/13 14:29	07/19/13 17:05	1
1,1-Dichloroethane	ND		2.3		ug/Kg		07/18/13 14:29	07/19/13 17:05	1
1,2-Dichloroethane	ND		2.3		ug/Kg		07/18/13 14:29	07/19/13 17:05	1
1,1-Dichloroethene	ND		5.7		ug/Kg		07/18/13 14:29	07/19/13 17:05	1
1,2-Dichloropropane	ND		2.3		ug/Kg		07/18/13 14:29	07/19/13 17:05	1
1,3-Dichloropropane	ND		2.3		ug/Kg		07/18/13 14:29	07/19/13 17:05	1
2,2-Dichloropropane	ND		2.3		ug/Kg		07/18/13 14:29	07/19/13 17:05	1
1,1-Dichloropropene	ND		2.3		ug/Kg		07/18/13 14:29	07/19/13 17:05	1
Ethylbenzene	ND		2.3		ug/Kg		07/18/13 14:29	07/19/13 17:05	1
Hexachlorobutadiene	ND		5.7		ug/Kg		07/18/13 14:29	07/19/13 17:05	1
Isopropylbenzene	ND		2.3		ug/Kg		07/18/13 14:29	07/19/13 17:05	1
Methylene Chloride	ND		23		ug/Kg		07/18/13 14:29	07/19/13 17:05	1
m,p-Xylene	ND		2.3		ug/Kg		07/18/13 14:29	07/19/13 17:05	1
Naphthalene	ND		5.7		ug/Kg		07/18/13 14:29	07/19/13 17:05	1
n-Butylbenzene	ND		5.7		ug/Kg		07/18/13 14:29	07/19/13 17:05	1
N-Propylbenzene	ND		2.3		ug/Kg		07/18/13 14:29	07/19/13 17:05	1
o-Xylene	ND		2.3		ug/Kg		07/18/13 14:29	07/19/13 17:05	1
p-Isopropyltoluene	ND		2.3		ug/Kg		07/18/13 14:29	07/19/13 17:05	1
sec-Butylbenzene	ND		5.7		ug/Kg		07/18/13 14:29	07/19/13 17:05	1
Styrene	ND		2.3		ug/Kg		07/18/13 14:29	07/19/13 17:05	1
tert-Butylbenzene	ND		5.7		ug/Kg		07/18/13 14:29	07/19/13 17:05	1
1,1,1,2-Tetrachloroethane	ND		5.7		ug/Kg		07/18/13 14:29	07/19/13 17:05	1
1,1,2,2-Tetrachloroethane	ND		2.3		ug/Kg		07/18/13 14:29	07/19/13 17:05	1
Tetrachloroethene	ND		2.3		ug/Kg		07/18/13 14:29	07/19/13 17:05	1
Toluene	ND		2.3		ug/Kg		07/18/13 14:29	07/19/13 17:05	1
trans-1,2-Dichloroethene	ND		2.3		ug/Kg		07/18/13 14:29	07/19/13 17:05	1
trans-1,3-Dichloropropene	ND		2.3		ug/Kg		07/18/13 14:29	07/19/13 17:05	1
1,2,3-Trichlorobenzene	ND		5.7		ug/Kg		07/18/13 14:29	07/19/13 17:05	1
1,2,4-Trichlorobenzene	ND		5.7		ug/Kg		07/18/13 14:29	07/19/13 17:05	1
1,1,1-Trichloroethane	ND		2.3		ug/Kg		07/18/13 14:29	07/19/13 17:05	1
1,1,2-Trichloroethane	ND		2.3		ug/Kg		07/18/13 14:29	07/19/13 17:05	1
Trichloroethene	ND		2.3		ug/Kg		07/18/13 14:29	07/19/13 17:05	1
Trichlorofluoromethane	ND		5.7		ug/Kg		07/18/13 14:29	07/19/13 17:05	1
1,2,3-Trichloropropane	ND		11		ug/Kg		07/18/13 14:29	07/19/13 17:05	1
1,2,4-Trimethylbenzene	ND		2.3		ug/Kg		07/18/13 14:29	07/19/13 17:05	1
1,3,5-Trimethylbenzene	ND		2.3		ug/Kg		07/18/13 14:29	07/19/13 17:05	1
Vinyl chloride	ND		5.7		ug/Kg		07/18/13 14:29	07/19/13 17:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*	*07/18/13 14:29*	*07/19/13 17:05*	*1*
Dibromofluoromethane (Surr)	*112*		*80 - 125*	*07/18/13 14:29*	*07/19/13 17:05*	*1*
Toluene-d8 (Surr)	*108*		*80 - 120*	*07/18/13 14:29*	*07/19/13 17:05*	*1*

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51942-1

Client Sample ID: EB-4-40
Date Collected: 07/17/13 16:00
Date Received: 07/17/13 18:00

Lab Sample ID: 440-51942-17
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.3		ug/Kg		07/18/13 14:29	07/19/13 17:32	1
Bromobenzene	ND		5.9		ug/Kg		07/18/13 14:29	07/19/13 17:32	1
Bromochloromethane	ND		5.9		ug/Kg		07/18/13 14:29	07/19/13 17:32	1
Bromodichloromethane	ND		2.3		ug/Kg		07/18/13 14:29	07/19/13 17:32	1
Bromoform	ND		5.9		ug/Kg		07/18/13 14:29	07/19/13 17:32	1
Bromomethane	ND		5.9		ug/Kg		07/18/13 14:29	07/19/13 17:32	1
Carbon tetrachloride	ND		5.9		ug/Kg		07/18/13 14:29	07/19/13 17:32	1
Chlorobenzene	ND		2.3		ug/Kg		07/18/13 14:29	07/19/13 17:32	1
Chloroethane	ND		5.9		ug/Kg		07/18/13 14:29	07/19/13 17:32	1
Chloroform	ND		2.3		ug/Kg		07/18/13 14:29	07/19/13 17:32	1
Chloromethane	ND		5.9		ug/Kg		07/18/13 14:29	07/19/13 17:32	1
2-Chlorotoluene	ND		5.9		ug/Kg		07/18/13 14:29	07/19/13 17:32	1
4-Chlorotoluene	ND		5.9		ug/Kg		07/18/13 14:29	07/19/13 17:32	1
cis-1,2-Dichloroethene	ND		2.3		ug/Kg		07/18/13 14:29	07/19/13 17:32	1
cis-1,3-Dichloropropene	ND		2.3		ug/Kg		07/18/13 14:29	07/19/13 17:32	1
Dibromochloromethane	ND		2.3		ug/Kg		07/18/13 14:29	07/19/13 17:32	1
1,2-Dibromo-3-Chloropropane	ND		5.9		ug/Kg		07/18/13 14:29	07/19/13 17:32	1
1,2-Dibromoethane (EDB)	ND		2.3		ug/Kg		07/18/13 14:29	07/19/13 17:32	1
Dibromomethane	ND		2.3		ug/Kg		07/18/13 14:29	07/19/13 17:32	1
1,2-Dichlorobenzene	ND		2.3		ug/Kg		07/18/13 14:29	07/19/13 17:32	1
1,3-Dichlorobenzene	ND		2.3		ug/Kg		07/18/13 14:29	07/19/13 17:32	1
1,4-Dichlorobenzene	ND		2.3		ug/Kg		07/18/13 14:29	07/19/13 17:32	1
Dichlorodifluoromethane	ND		5.9		ug/Kg		07/18/13 14:29	07/19/13 17:32	1
1,1-Dichloroethane	ND		2.3		ug/Kg		07/18/13 14:29	07/19/13 17:32	1
1,2-Dichloroethane	ND		2.3		ug/Kg		07/18/13 14:29	07/19/13 17:32	1
1,1-Dichloroethene	ND		5.9		ug/Kg		07/18/13 14:29	07/19/13 17:32	1
1,2-Dichloropropane	ND		2.3		ug/Kg		07/18/13 14:29	07/19/13 17:32	1
1,3-Dichloropropane	ND		2.3		ug/Kg		07/18/13 14:29	07/19/13 17:32	1
2,2-Dichloropropane	ND		2.3		ug/Kg		07/18/13 14:29	07/19/13 17:32	1
1,1-Dichloropropene	ND		2.3		ug/Kg		07/18/13 14:29	07/19/13 17:32	1
Ethylbenzene	ND		2.3		ug/Kg		07/18/13 14:29	07/19/13 17:32	1
Hexachlorobutadiene	ND		5.9		ug/Kg		07/18/13 14:29	07/19/13 17:32	1
Isopropylbenzene	ND		2.3		ug/Kg		07/18/13 14:29	07/19/13 17:32	1
Methylene Chloride	ND		23		ug/Kg		07/18/13 14:29	07/19/13 17:32	1
m,p-Xylene	ND		2.3		ug/Kg		07/18/13 14:29	07/19/13 17:32	1
Naphthalene	ND		5.9		ug/Kg		07/18/13 14:29	07/19/13 17:32	1
n-Butylbenzene	ND		5.9		ug/Kg		07/18/13 14:29	07/19/13 17:32	1
N-Propylbenzene	ND		2.3		ug/Kg		07/18/13 14:29	07/19/13 17:32	1
o-Xylene	ND		2.3		ug/Kg		07/18/13 14:29	07/19/13 17:32	1
p-Isopropyltoluene	ND		2.3		ug/Kg		07/18/13 14:29	07/19/13 17:32	1
sec-Butylbenzene	ND		5.9		ug/Kg		07/18/13 14:29	07/19/13 17:32	1
Styrene	ND		2.3		ug/Kg		07/18/13 14:29	07/19/13 17:32	1
tert-Butylbenzene	ND		5.9		ug/Kg		07/18/13 14:29	07/19/13 17:32	1
1,1,1,2-Tetrachloroethane	ND		5.9		ug/Kg		07/18/13 14:29	07/19/13 17:32	1
1,1,2,2-Tetrachloroethane	ND		2.3		ug/Kg		07/18/13 14:29	07/19/13 17:32	1
Tetrachloroethene	ND		2.3		ug/Kg		07/18/13 14:29	07/19/13 17:32	1
Toluene	ND		2.3		ug/Kg		07/18/13 14:29	07/19/13 17:32	1
trans-1,2-Dichloroethene	ND		2.3		ug/Kg		07/18/13 14:29	07/19/13 17:32	1
trans-1,3-Dichloropropene	ND		2.3		ug/Kg		07/18/13 14:29	07/19/13 17:32	1

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51942-1

Client Sample ID: EB-4-40

Date Collected: 07/17/13 16:00
Date Received: 07/17/13 18:00

Lab Sample ID: 440-51942-17
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	ND		5.9		ug/Kg		07/18/13 14:29	07/19/13 17:32	1
1,2,4-Trichlorobenzene	ND		5.9		ug/Kg		07/18/13 14:29	07/19/13 17:32	1
1,1,1-Trichloroethane	ND		2.3		ug/Kg		07/18/13 14:29	07/19/13 17:32	1
1,1,2-Trichloroethane	ND		2.3		ug/Kg		07/18/13 14:29	07/19/13 17:32	1
Trichloroethene	ND		2.3		ug/Kg		07/18/13 14:29	07/19/13 17:32	1
Trichlorofluoromethane	ND		5.9		ug/Kg		07/18/13 14:29	07/19/13 17:32	1
1,2,3-Trichloropropane	ND		12		ug/Kg		07/18/13 14:29	07/19/13 17:32	1
1,2,4-Trimethylbenzene	ND		2.3		ug/Kg		07/18/13 14:29	07/19/13 17:32	1
1,3,5-Trimethylbenzene	ND		2.3		ug/Kg		07/18/13 14:29	07/19/13 17:32	1
Vinyl chloride	ND		5.9		ug/Kg		07/18/13 14:29	07/19/13 17:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*	*07/18/13 14:29*	*07/19/13 17:32*	*1*
Dibromofluoromethane (Surr)	*111*		*80 - 125*	*07/18/13 14:29*	*07/19/13 17:32*	*1*
Toluene-d8 (Surr)	*108*		*80 - 120*	*07/18/13 14:29*	*07/19/13 17:32*	*1*

Client Sample ID: TB-071713

Date Collected: 07/17/13 08:00
Date Received: 07/17/13 18:00

Lab Sample ID: 440-51942-18
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			07/20/13 20:19	1
Bromobenzene	ND		1.0		ug/L			07/20/13 20:19	1
Bromochloromethane	ND		1.0		ug/L			07/20/13 20:19	1
Bromodichloromethane	ND		1.0		ug/L			07/20/13 20:19	1
Bromoform	ND		1.0		ug/L			07/20/13 20:19	1
Bromomethane	ND		1.0		ug/L			07/20/13 20:19	1
Carbon tetrachloride	ND		0.50		ug/L			07/20/13 20:19	1
Chlorobenzene	ND		1.0		ug/L			07/20/13 20:19	1
Chloroethane	ND		1.0		ug/L			07/20/13 20:19	1
Chloroform	ND		1.0		ug/L			07/20/13 20:19	1
Chloromethane	ND		1.0		ug/L			07/20/13 20:19	1
2-Chlorotoluene	ND		1.0		ug/L			07/20/13 20:19	1
4-Chlorotoluene	ND		1.0		ug/L			07/20/13 20:19	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			07/20/13 20:19	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			07/20/13 20:19	1
Dibromochloromethane	ND		1.0		ug/L			07/20/13 20:19	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/L			07/20/13 20:19	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			07/20/13 20:19	1
Dibromomethane	ND		1.0		ug/L			07/20/13 20:19	1
1,2-Dichlorobenzene	ND		1.0		ug/L			07/20/13 20:19	1
1,3-Dichlorobenzene	ND		1.0		ug/L			07/20/13 20:19	1
1,4-Dichlorobenzene	ND		1.0		ug/L			07/20/13 20:19	1
Dichlorodifluoromethane	ND		5.0		ug/L			07/20/13 20:19	1
1,1-Dichloroethane	ND		1.0		ug/L			07/20/13 20:19	1
1,2-Dichloroethane	ND		0.50		ug/L			07/20/13 20:19	1
1,1-Dichloroethene	ND		1.0		ug/L			07/20/13 20:19	1
1,2-Dichloropropane	ND		1.0		ug/L			07/20/13 20:19	1
1,3-Dichloropropane	ND		1.0		ug/L			07/20/13 20:19	1

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51942-1

Client Sample ID: TB-071713

Lab Sample ID: 440-51942-18

Date Collected: 07/17/13 08:00

Matrix: Water

Date Received: 07/17/13 18:00

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
2,2-Dichloropropane	ND		1.0		ug/L			07/20/13 20:19	1
1,1-Dichloropropene	ND		1.0		ug/L			07/20/13 20:19	1
Ethylbenzene	ND		1.0		ug/L			07/20/13 20:19	1
Hexachlorobutadiene	ND		1.0		ug/L			07/20/13 20:19	1
Isopropylbenzene	ND		1.0		ug/L			07/20/13 20:19	1
Methylene Chloride	ND		5.0		ug/L			07/20/13 20:19	1
m,p-Xylene	ND		1.0		ug/L			07/20/13 20:19	1
Naphthalene	ND		1.0		ug/L			07/20/13 20:19	1
n-Butylbenzene	ND		1.0		ug/L			07/20/13 20:19	1
N-Propylbenzene	ND		1.0		ug/L			07/20/13 20:19	1
o-Xylene	ND		1.0		ug/L			07/20/13 20:19	1
p-Isopropyltoluene	ND		1.0		ug/L			07/20/13 20:19	1
sec-Butylbenzene	ND		1.0		ug/L			07/20/13 20:19	1
Styrene	ND		1.0		ug/L			07/20/13 20:19	1
tert-Butylbenzene	ND		1.0		ug/L			07/20/13 20:19	1
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			07/20/13 20:19	1
1,1,2,2-Tetrachloroethane	ND		1.0		ug/L			07/20/13 20:19	1
Tetrachloroethene	ND		1.0		ug/L			07/20/13 20:19	1
Toluene	ND		1.0		ug/L			07/20/13 20:19	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			07/20/13 20:19	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			07/20/13 20:19	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			07/20/13 20:19	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			07/20/13 20:19	1
1,1,1-Trichloroethane	ND		1.0		ug/L			07/20/13 20:19	1
1,1,2-Trichloroethane	ND		1.0		ug/L			07/20/13 20:19	1
Trichloroethene	ND		1.0		ug/L			07/20/13 20:19	1
Trichlorofluoromethane	ND		1.0		ug/L			07/20/13 20:19	1
1,2,3-Trichloropropane	ND		1.0		ug/L			07/20/13 20:19	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			07/20/13 20:19	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			07/20/13 20:19	1
Vinyl chloride	ND		0.50		ug/L			07/20/13 20:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*		*07/20/13 20:19*	*1*
Dibromofluoromethane (Surr)	*110*		*80 - 120*		*07/20/13 20:19*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*07/20/13 20:19*	*1*

Client Sample ID: EB-4-HP-44.8

Lab Sample ID: 440-51942-19

Date Collected: 07/17/13 17:00

Matrix: Water

Date Received: 07/17/13 18:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.5		ug/L			07/20/13 21:19	5
Bromobenzene	ND		5.0		ug/L			07/20/13 21:19	5
Bromochloromethane	ND		5.0		ug/L			07/20/13 21:19	5
Bromodichloromethane	ND		5.0		ug/L			07/20/13 21:19	5
Bromoform	ND		5.0		ug/L			07/20/13 21:19	5
Bromomethane	ND		5.0		ug/L			07/20/13 21:19	5
Carbon tetrachloride	ND		2.5		ug/L			07/20/13 21:19	5

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51942-1

Client Sample ID: EB-4-HP-44.8
Date Collected: 07/17/13 17:00
Date Received: 07/17/13 18:00

Lab Sample ID: 440-51942-19
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		5.0		ug/L			07/20/13 21:19	5
Chloroethane	ND		5.0		ug/L			07/20/13 21:19	5
Chloroform	ND		5.0		ug/L			07/20/13 21:19	5
Chloromethane	ND		5.0		ug/L			07/20/13 21:19	5
2-Chlorotoluene	ND		5.0		ug/L			07/20/13 21:19	5
4-Chlorotoluene	ND		5.0		ug/L			07/20/13 21:19	5
cis-1,2-Dichloroethene	ND		5.0		ug/L			07/20/13 21:19	5
cis-1,3-Dichloropropene	ND		2.5		ug/L			07/20/13 21:19	5
Dibromochloromethane	ND		5.0		ug/L			07/20/13 21:19	5
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/20/13 21:19	5
1,2-Dibromoethane (EDB)	ND		5.0		ug/L			07/20/13 21:19	5
Dibromomethane	ND		5.0		ug/L			07/20/13 21:19	5
1,2-Dichlorobenzene	ND		5.0		ug/L			07/20/13 21:19	5
1,3-Dichlorobenzene	ND		5.0		ug/L			07/20/13 21:19	5
1,4-Dichlorobenzene	ND		5.0		ug/L			07/20/13 21:19	5
Dichlorodifluoromethane	ND		25		ug/L			07/20/13 21:19	5
1,1-Dichloroethane	ND		5.0		ug/L			07/20/13 21:19	5
1,2-Dichloroethane	ND		2.5		ug/L			07/20/13 21:19	5
1,1-Dichloroethene	ND		5.0		ug/L			07/20/13 21:19	5
1,2-Dichloropropane	ND		5.0		ug/L			07/20/13 21:19	5
1,3-Dichloropropane	ND		5.0		ug/L			07/20/13 21:19	5
2,2-Dichloropropane	ND		5.0		ug/L			07/20/13 21:19	5
1,1-Dichloropropene	ND		5.0		ug/L			07/20/13 21:19	5
Ethylbenzene	ND		5.0		ug/L			07/20/13 21:19	5
Hexachlorobutadiene	ND		5.0		ug/L			07/20/13 21:19	5
Isopropylbenzene	ND		5.0		ug/L			07/20/13 21:19	5
Methylene Chloride	ND		25		ug/L			07/20/13 21:19	5
m,p-Xylene	ND		5.0		ug/L			07/20/13 21:19	5
Naphthalene	ND		5.0		ug/L			07/20/13 21:19	5
n-Butylbenzene	ND		5.0		ug/L			07/20/13 21:19	5
N-Propylbenzene	ND		5.0		ug/L			07/20/13 21:19	5
o-Xylene	ND		5.0		ug/L			07/20/13 21:19	5
p-Isopropyltoluene	ND		5.0		ug/L			07/20/13 21:19	5
sec-Butylbenzene	ND		5.0		ug/L			07/20/13 21:19	5
Styrene	ND		5.0		ug/L			07/20/13 21:19	5
tert-Butylbenzene	ND		5.0		ug/L			07/20/13 21:19	5
1,1,1,2-Tetrachloroethane	ND		5.0		ug/L			07/20/13 21:19	5
1,1,2,2-Tetrachloroethane	ND		5.0		ug/L			07/20/13 21:19	5
Tetrachloroethene	**15**		5.0		ug/L			07/20/13 21:19	5
Toluene	ND		5.0		ug/L			07/20/13 21:19	5
trans-1,2-Dichloroethene	ND		5.0		ug/L			07/20/13 21:19	5
trans-1,3-Dichloropropene	ND		2.5		ug/L			07/20/13 21:19	5
1,2,3-Trichlorobenzene	ND		5.0		ug/L			07/20/13 21:19	5
1,2,4-Trichlorobenzene	ND		5.0		ug/L			07/20/13 21:19	5
1,1,1-Trichloroethane	ND		5.0		ug/L			07/20/13 21:19	5
1,1,2-Trichloroethane	ND		5.0		ug/L			07/20/13 21:19	5
Trichloroethene	**230**		5.0		ug/L			07/20/13 21:19	5
Trichlorofluoromethane	ND		5.0		ug/L			07/20/13 21:19	5
1,2,3-Trichloropropane	ND		5.0		ug/L			07/20/13 21:19	5

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51942-1

Client Sample ID: EB-4-HP-44.8
Date Collected: 07/17/13 17:00
Date Received: 07/17/13 18:00

Lab Sample ID: 440-51942-19
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	ND		5.0		ug/L			07/20/13 21:19	5
1,3,5-Trimethylbenzene	ND		5.0		ug/L			07/20/13 21:19	5
Vinyl chloride	ND		2.5		ug/L			07/20/13 21:19	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*		*07/20/13 21:19*	*5*
Dibromofluoromethane (Surr)	*108*		*80 - 120*		*07/20/13 21:19*	*5*
Toluene-d8 (Surr)	*102*		*80 - 120*		*07/20/13 21:19*	*5*

Method Summary

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51942-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL IRV

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Lab Chronicle

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51942-1

Client Sample ID: EB-6-5
Date Collected: 07/17/13 08:19
Date Received: 07/17/13 18:00

Lab Sample ID: 440-51942-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.2 g	10 mL	118497	07/18/13 14:29	PH	TAL IRV
Total/NA	Analysis	8260B		1			118627	07/19/13 13:28	AL	TAL IRV

Client Sample ID: EB-6-10
Date Collected: 07/17/13 08:20
Date Received: 07/17/13 18:00

Lab Sample ID: 440-51942-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.15 g	10 mL	118497	07/18/13 14:29	PH	TAL IRV
Total/NA	Analysis	8260B		1			118627	07/19/13 13:55	AL	TAL IRV

Client Sample ID: EB-6-20
Date Collected: 07/17/13 08:50
Date Received: 07/17/13 18:00

Lab Sample ID: 440-51942-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.8 g	10 mL	118497	07/18/13 14:29	PH	TAL IRV
Total/NA	Analysis	8260B		1			118627	07/19/13 14:22	AL	TAL IRV

Client Sample ID: EB-6-30
Date Collected: 07/17/13 09:16
Date Received: 07/17/13 18:00

Lab Sample ID: 440-51942-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.36 g	10 mL	118497	07/18/13 14:29	PH	TAL IRV
Total/NA	Analysis	8260B		1			118627	07/19/13 14:50	AL	TAL IRV

Client Sample ID: EB-6-40
Date Collected: 07/17/13 11:05
Date Received: 07/17/13 18:00

Lab Sample ID: 440-51942-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	10 mL	118497	07/18/13 14:29	PH	TAL IRV
Total/NA	Analysis	8260B		1			118627	07/19/13 15:16	AL	TAL IRV

Client Sample ID: EB-6-HP-44.2
Date Collected: 07/17/13 12:30
Date Received: 07/17/13 18:00

Lab Sample ID: 440-51942-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		5	10 mL	10 mL	118889	07/20/13 20:49	MR	TAL IRV

Lab Chronicle

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51942-1

Client Sample ID: EB-4-5
Date Collected: 07/17/13 13:35
Date Received: 07/17/13 18:00

Lab Sample ID: 440-51942-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.17 g	10 mL	118497	07/18/13 14:29	PH	TAL IRV
Total/NA	Analysis	8260B		1			118627	07/19/13 15:44	AL	TAL IRV

Client Sample ID: EB-4-10
Date Collected: 07/17/13 13:49
Date Received: 07/17/13 18:00

Lab Sample ID: 440-51942-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.6 g	10 mL	118497	07/18/13 14:29	PH	TAL IRV
Total/NA	Analysis	8260B		1			118627	07/19/13 16:11	AL	TAL IRV

Client Sample ID: EB-4-20
Date Collected: 07/17/13 14:32
Date Received: 07/17/13 18:00

Lab Sample ID: 440-51942-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.59 g	10 mL	118497	07/18/13 14:29	PH	TAL IRV
Total/NA	Analysis	8260B		1			118627	07/19/13 16:38	AL	TAL IRV

Client Sample ID: EB-4-30
Date Collected: 07/17/13 15:11
Date Received: 07/17/13 18:00

Lab Sample ID: 440-51942-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.37 g	10 mL	118497	07/18/13 14:29	PH	TAL IRV
Total/NA	Analysis	8260B		1			118627	07/19/13 17:05	AL	TAL IRV

Client Sample ID: EB-4-40
Date Collected: 07/17/13 16:00
Date Received: 07/17/13 18:00

Lab Sample ID: 440-51942-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.27 g	10 mL	118497	07/18/13 14:29	PH	TAL IRV
Total/NA	Analysis	8260B		1			118627	07/19/13 17:32	AL	TAL IRV

Client Sample ID: TB-071713
Date Collected: 07/17/13 08:00
Date Received: 07/17/13 18:00

Lab Sample ID: 440-51942-18
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	118889	07/20/13 20:19	MR	TAL IRV

Lab Chronicle

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51942-1

Client Sample ID: EB-4-HP-44.8
Date Collected: 07/17/13 17:00
Date Received: 07/17/13 18:00

Lab Sample ID: 440-51942-19
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		5	10 mL	10 mL	118889	07/20/13 21:19	MR	TAL IRV

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51942-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 440-118627/3
Matrix: Solid
Analysis Batch: 118627

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/Kg			07/19/13 09:04	1
Bromobenzene	ND		5.0		ug/Kg			07/19/13 09:04	1
Bromochloromethane	ND		5.0		ug/Kg			07/19/13 09:04	1
Bromodichloromethane	ND		2.0		ug/Kg			07/19/13 09:04	1
Bromoform	ND		5.0		ug/Kg			07/19/13 09:04	1
Bromomethane	ND		5.0		ug/Kg			07/19/13 09:04	1
Carbon tetrachloride	ND		5.0		ug/Kg			07/19/13 09:04	1
Chlorobenzene	ND		2.0		ug/Kg			07/19/13 09:04	1
Chloroethane	ND		5.0		ug/Kg			07/19/13 09:04	1
Chloroform	ND		2.0		ug/Kg			07/19/13 09:04	1
Chloromethane	ND		5.0		ug/Kg			07/19/13 09:04	1
2-Chlorotoluene	ND		5.0		ug/Kg			07/19/13 09:04	1
4-Chlorotoluene	ND		5.0		ug/Kg			07/19/13 09:04	1
cis-1,2-Dichloroethene	ND		2.0		ug/Kg			07/19/13 09:04	1
cis-1,3-Dichloropropene	ND		2.0		ug/Kg			07/19/13 09:04	1
Dibromochloromethane	ND		2.0		ug/Kg			07/19/13 09:04	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/Kg			07/19/13 09:04	1
1,2-Dibromoethane (EDB)	ND		2.0		ug/Kg			07/19/13 09:04	1
Dibromomethane	ND		2.0		ug/Kg			07/19/13 09:04	1
1,2-Dichlorobenzene	ND		2.0		ug/Kg			07/19/13 09:04	1
1,3-Dichlorobenzene	ND		2.0		ug/Kg			07/19/13 09:04	1
1,4-Dichlorobenzene	ND		2.0		ug/Kg			07/19/13 09:04	1
Dichlorodifluoromethane	ND		5.0		ug/Kg			07/19/13 09:04	1
1,1-Dichloroethane	ND		2.0		ug/Kg			07/19/13 09:04	1
1,2-Dichloroethane	ND		2.0		ug/Kg			07/19/13 09:04	1
1,1-Dichloroethene	ND		5.0		ug/Kg			07/19/13 09:04	1
1,2-Dichloropropane	ND		2.0		ug/Kg			07/19/13 09:04	1
1,3-Dichloropropane	ND		2.0		ug/Kg			07/19/13 09:04	1
2,2-Dichloropropane	ND		2.0		ug/Kg			07/19/13 09:04	1
1,1-Dichloropropene	ND		2.0		ug/Kg			07/19/13 09:04	1
Ethylbenzene	ND		2.0		ug/Kg			07/19/13 09:04	1
Hexachlorobutadiene	ND		5.0		ug/Kg			07/19/13 09:04	1
Isopropylbenzene	ND		2.0		ug/Kg			07/19/13 09:04	1
Methylene Chloride	ND		20		ug/Kg			07/19/13 09:04	1
m,p-Xylene	ND		2.0		ug/Kg			07/19/13 09:04	1
Naphthalene	ND		5.0		ug/Kg			07/19/13 09:04	1
n-Butylbenzene	ND		5.0		ug/Kg			07/19/13 09:04	1
N-Propylbenzene	ND		2.0		ug/Kg			07/19/13 09:04	1
o-Xylene	ND		2.0		ug/Kg			07/19/13 09:04	1
p-Isopropyltoluene	ND		2.0		ug/Kg			07/19/13 09:04	1
sec-Butylbenzene	ND		5.0		ug/Kg			07/19/13 09:04	1
Styrene	ND		2.0		ug/Kg			07/19/13 09:04	1
tert-Butylbenzene	ND		5.0		ug/Kg			07/19/13 09:04	1
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg			07/19/13 09:04	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg			07/19/13 09:04	1
Tetrachloroethene	ND		2.0		ug/Kg			07/19/13 09:04	1
Toluene	ND		2.0		ug/Kg			07/19/13 09:04	1
trans-1,2-Dichloroethene	ND		2.0		ug/Kg			07/19/13 09:04	1

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51942-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 440-118627/3
Matrix: Solid
Analysis Batch: 118627

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		2.0		ug/Kg			07/19/13 09:04	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg			07/19/13 09:04	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg			07/19/13 09:04	1
1,1,1-Trichloroethane	ND		2.0		ug/Kg			07/19/13 09:04	1
1,1,2-Trichloroethane	ND		2.0		ug/Kg			07/19/13 09:04	1
Trichloroethene	ND		2.0		ug/Kg			07/19/13 09:04	1
Trichlorofluoromethane	ND		5.0		ug/Kg			07/19/13 09:04	1
1,2,3-Trichloropropane	ND		10		ug/Kg			07/19/13 09:04	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg			07/19/13 09:04	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg			07/19/13 09:04	1
Vinyl chloride	ND		5.0		ug/Kg			07/19/13 09:04	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*80 - 120*		*07/19/13 09:04*	*1*
Dibromofluoromethane (Surr)	*112*		*80 - 125*		*07/19/13 09:04*	*1*
Toluene-d8 (Surr)	*109*		*80 - 120*		*07/19/13 09:04*	*1*

Lab Sample ID: LCS 440-118627/4
Matrix: Solid
Analysis Batch: 118627

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	50.0	46.7		ug/Kg		93	65 - 120
Bromobenzene	50.0	54.5		ug/Kg		109	75 - 120
Bromochloromethane	50.0	61.7		ug/Kg		123	70 - 135
Bromodichloromethane	50.0	56.7		ug/Kg		113	70 - 135
Bromoform	50.0	55.8		ug/Kg		112	55 - 135
Bromomethane	50.0	57.7		ug/Kg		115	60 - 145
Carbon tetrachloride	50.0	56.7		ug/Kg		113	65 - 140
Chlorobenzene	50.0	53.6		ug/Kg		107	75 - 120
Chloroethane	50.0	50.6		ug/Kg		101	60 - 140
Chloroform	50.0	55.4		ug/Kg		111	70 - 130
Chloromethane	50.0	51.5		ug/Kg		103	45 - 145
2-Chlorotoluene	50.0	45.0		ug/Kg		90	70 - 125
4-Chlorotoluene	50.0	45.9		ug/Kg		92	75 - 125
cis-1,2-Dichloroethene	50.0	56.8		ug/Kg		114	70 - 125
cis-1,3-Dichloropropene	50.0	54.8		ug/Kg		110	75 - 125
Dibromochloromethane	50.0	69.8		ug/Kg		140	65 - 140
1,2-Dibromo-3-Chloropropane	50.0	49.9		ug/Kg		100	50 - 135
1,2-Dibromoethane (EDB)	50.0	59.4		ug/Kg		119	70 - 130
Dibromomethane	50.0	55.0		ug/Kg		110	70 - 130
1,2-Dichlorobenzene	50.0	52.6		ug/Kg		105	75 - 120
1,3-Dichlorobenzene	50.0	53.4		ug/Kg		107	75 - 125
1,4-Dichlorobenzene	50.0	51.6		ug/Kg		103	75 - 120
Dichlorodifluoromethane	50.0	54.3		ug/Kg		109	35 - 160
1,1-Dichloroethane	50.0	48.8		ug/Kg		98	70 - 130
1,2-Dichloroethane	50.0	53.0		ug/Kg		106	60 - 140
1,1-Dichloroethene	50.0	54.8		ug/Kg		110	70 - 125

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51942-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 440-118627/4
Matrix: Solid
Analysis Batch: 118627

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloropropane	50.0	46.4		ug/Kg		93	70 - 130
1,3-Dichloropropane	50.0	52.7		ug/Kg		105	70 - 125
2,2-Dichloropropane	50.0	46.9		ug/Kg		94	60 - 145
1,1-Dichloropropene	50.0	50.8		ug/Kg		102	70 - 130
Ethylbenzene	50.0	48.6		ug/Kg		97	70 - 125
Hexachlorobutadiene	50.0	47.3		ug/Kg		95	60 - 135
Isopropylbenzene	50.0	48.2		ug/Kg		96	75 - 130
Methylene Chloride	50.0	51.1		ug/Kg		102	55 - 135
m,p-Xylene	100	97.3		ug/Kg		97	70 - 125
Naphthalene	50.0	50.5		ug/Kg		101	55 - 135
n-Butylbenzene	50.0	42.1		ug/Kg		84	70 - 130
N-Propylbenzene	50.0	43.7		ug/Kg		87	70 - 130
o-Xylene	50.0	51.8		ug/Kg		104	70 - 125
p-Isopropyltoluene	50.0	48.1		ug/Kg		96	75 - 125
sec-Butylbenzene	50.0	44.6		ug/Kg		89	70 - 125
Styrene	50.0	48.0		ug/Kg		96	75 - 130
tert-Butylbenzene	50.0	50.3		ug/Kg		101	70 - 125
1,1,1,2-Tetrachloroethane	50.0	60.5		ug/Kg		121	70 - 130
1,1,2,2-Tetrachloroethane	50.0	53.7		ug/Kg		107	55 - 140
Tetrachloroethene	50.0	53.3		ug/Kg		107	70 - 125
Toluene	50.0	47.9		ug/Kg		96	70 - 125
trans-1,2-Dichloroethene	50.0	52.8		ug/Kg		106	70 - 125
trans-1,3-Dichloropropene	50.0	54.5		ug/Kg		109	70 - 135
1,2,3-Trichlorobenzene	50.0	53.8		ug/Kg		108	60 - 130
1,2,4-Trichlorobenzene	50.0	52.4		ug/Kg		105	70 - 135
1,1,1-Trichloroethane	50.0	52.0		ug/Kg		104	65 - 135
1,1,2-Trichloroethane	50.0	55.1		ug/Kg		110	65 - 135
Trichloroethene	50.0	57.5		ug/Kg		115	70 - 125
Trichlorofluoromethane	50.0	70.3		ug/Kg		141	60 - 145
1,2,3-Trichloropropane	50.0	49.1		ug/Kg		98	60 - 135
1,2,4-Trimethylbenzene	50.0	46.5		ug/Kg		93	70 - 125
1,3,5-Trimethylbenzene	50.0	45.2		ug/Kg		90	70 - 125
Vinyl chloride	50.0	52.0		ug/Kg		104	55 - 135

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*
Dibromofluoromethane (Surr)	*112*		*80 - 125*
Toluene-d8 (Surr)	*108*		*80 - 120*

Lab Sample ID: LCSD 440-118627/5
Matrix: Solid
Analysis Batch: 118627

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	50.0	47.3		ug/Kg		95	65 - 120	1	20
Bromobenzene	50.0	57.0		ug/Kg		114	75 - 120	4	20
Bromochloromethane	50.0	62.1		ug/Kg		124	70 - 135	1	20
Bromodichloromethane	50.0	55.3		ug/Kg		111	70 - 135	2	20

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51942-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 440-118627/5
Matrix: Solid
Analysis Batch: 118627

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bromoform	50.0	52.9		ug/Kg		106	55 - 135	5	25
Bromomethane	50.0	55.6		ug/Kg		111	60 - 145	4	20
Carbon tetrachloride	50.0	57.4		ug/Kg		115	65 - 140	1	20
Chlorobenzene	50.0	51.7		ug/Kg		103	75 - 120	4	20
Chloroethane	50.0	49.7		ug/Kg		99	60 - 140	2	25
Chloroform	50.0	55.3		ug/Kg		111	70 - 130	0	20
Chloromethane	50.0	51.5		ug/Kg		103	45 - 145	0	25
2-Chlorotoluene	50.0	48.9		ug/Kg		98	70 - 125	8	20
4-Chlorotoluene	50.0	48.8		ug/Kg		98	75 - 125	6	20
cis-1,2-Dichloroethene	50.0	57.4		ug/Kg		115	70 - 125	1	20
cis-1,3-Dichloropropene	50.0	54.1		ug/Kg		108	75 - 125	1	20
Dibromochloromethane	50.0	66.4		ug/Kg		133	65 - 140	5	20
1,2-Dibromo-3-Chloropropane	50.0	48.4		ug/Kg		97	50 - 135	3	30
1,2-Dibromoethane (EDB)	50.0	56.7		ug/Kg		113	70 - 130	5	20
Dibromomethane	50.0	55.3		ug/Kg		111	70 - 130	1	20
1,2-Dichlorobenzene	50.0	54.5		ug/Kg		109	75 - 120	3	20
1,3-Dichlorobenzene	50.0	55.1		ug/Kg		110	75 - 125	3	20
1,4-Dichlorobenzene	50.0	53.5		ug/Kg		107	75 - 120	4	20
Dichlorodifluoromethane	50.0	52.0		ug/Kg		104	35 - 160	4	30
1,1-Dichloroethane	50.0	49.4		ug/Kg		99	70 - 130	1	20
1,2-Dichloroethane	50.0	53.6		ug/Kg		107	60 - 140	1	20
1,1-Dichloroethene	50.0	54.0		ug/Kg		108	70 - 125	2	20
1,2-Dichloropropane	50.0	48.9		ug/Kg		98	70 - 130	5	20
1,3-Dichloropropane	50.0	50.5		ug/Kg		101	70 - 125	4	20
2,2-Dichloropropane	50.0	46.7		ug/Kg		93	60 - 145	1	20
1,1-Dichloropropene	50.0	51.3		ug/Kg		103	70 - 130	1	20
Ethylbenzene	50.0	47.9		ug/Kg		96	70 - 125	2	20
Hexachlorobutadiene	50.0	49.0		ug/Kg		98	60 - 135	4	20
Isopropylbenzene	50.0	51.3		ug/Kg		103	75 - 130	6	20
Methylene Chloride	50.0	51.5		ug/Kg		103	55 - 135	1	20
m,p-Xylene	100	97.4		ug/Kg		97	70 - 125	0	20
Naphthalene	50.0	53.4		ug/Kg		107	55 - 135	6	25
n-Butylbenzene	50.0	43.3		ug/Kg		87	70 - 130	3	20
N-Propylbenzene	50.0	46.2		ug/Kg		92	70 - 130	5	20
o-Xylene	50.0	51.1		ug/Kg		102	70 - 125	1	20
p-Isopropyltoluene	50.0	49.9		ug/Kg		100	75 - 125	4	20
sec-Butylbenzene	50.0	46.4		ug/Kg		93	70 - 125	4	20
Styrene	50.0	47.1		ug/Kg		94	75 - 130	2	20
tert-Butylbenzene	50.0	53.5		ug/Kg		107	70 - 125	6	20
1,1,1,2-Tetrachloroethane	50.0	58.7		ug/Kg		117	70 - 130	3	20
1,1,2,2-Tetrachloroethane	50.0	53.8		ug/Kg		108	55 - 140	0	30
Tetrachloroethene	50.0	51.7		ug/Kg		103	70 - 125	3	20
Toluene	50.0	49.2		ug/Kg		98	70 - 125	3	20
trans-1,2-Dichloroethene	50.0	53.2		ug/Kg		106	70 - 125	1	20
trans-1,3-Dichloropropene	50.0	54.9		ug/Kg		110	70 - 135	1	20
1,2,3-Trichlorobenzene	50.0	55.6		ug/Kg		111	60 - 130	3	20
1,2,4-Trichlorobenzene	50.0	55.9		ug/Kg		112	70 - 135	7	20
1,1,1-Trichloroethane	50.0	51.1		ug/Kg		102	65 - 135	2	20

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51942-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 440-118627/5
Matrix: Solid
Analysis Batch: 118627

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,2-Trichloroethane			50.0	53.3		ug/Kg		107	65 - 135	3	20
Trichloroethene			50.0	57.0		ug/Kg		114	70 - 125	1	20
Trichlorofluoromethane			50.0	69.8		ug/Kg		140	60 - 145	1	25
1,2,3-Trichloropropane			50.0	49.2		ug/Kg		98	60 - 135	0	25
1,2,4-Trimethylbenzene			50.0	50.2		ug/Kg		100	70 - 125	8	20
1,3,5-Trimethylbenzene			50.0	47.9		ug/Kg		96	70 - 125	6	20
Vinyl chloride			50.0	51.6		ug/Kg		103	55 - 135	1	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*
Dibromofluoromethane (Surr)	*112*		*80 - 125*
Toluene-d8 (Surr)	*109*		*80 - 120*

Lab Sample ID: MB 440-118889/4
Matrix: Water
Analysis Batch: 118889

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			07/20/13 11:51	1
Bromobenzene	ND		1.0		ug/L			07/20/13 11:51	1
Bromochloromethane	ND		1.0		ug/L			07/20/13 11:51	1
Bromodichloromethane	ND		1.0		ug/L			07/20/13 11:51	1
Bromoform	ND		1.0		ug/L			07/20/13 11:51	1
Bromomethane	ND		1.0		ug/L			07/20/13 11:51	1
Carbon tetrachloride	ND		0.50		ug/L			07/20/13 11:51	1
Chlorobenzene	ND		1.0		ug/L			07/20/13 11:51	1
Chloroethane	ND		1.0		ug/L			07/20/13 11:51	1
Chloroform	ND		1.0		ug/L			07/20/13 11:51	1
Chloromethane	ND		1.0		ug/L			07/20/13 11:51	1
2-Chlorotoluene	ND		1.0		ug/L			07/20/13 11:51	1
4-Chlorotoluene	ND		1.0		ug/L			07/20/13 11:51	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			07/20/13 11:51	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			07/20/13 11:51	1
Dibromochloromethane	ND		1.0		ug/L			07/20/13 11:51	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/L			07/20/13 11:51	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			07/20/13 11:51	1
Dibromomethane	ND		1.0		ug/L			07/20/13 11:51	1
1,2-Dichlorobenzene	ND		1.0		ug/L			07/20/13 11:51	1
1,3-Dichlorobenzene	ND		1.0		ug/L			07/20/13 11:51	1
1,4-Dichlorobenzene	ND		1.0		ug/L			07/20/13 11:51	1
Dichlorodifluoromethane	ND		5.0		ug/L			07/20/13 11:51	1
1,1-Dichloroethane	ND		1.0		ug/L			07/20/13 11:51	1
1,2-Dichloroethane	ND		0.50		ug/L			07/20/13 11:51	1
1,1-Dichloroethene	ND		1.0		ug/L			07/20/13 11:51	1
1,2-Dichloropropane	ND		1.0		ug/L			07/20/13 11:51	1
1,3-Dichloropropane	ND		1.0		ug/L			07/20/13 11:51	1
2,2-Dichloropropane	ND		1.0		ug/L			07/20/13 11:51	1
1,1-Dichloropropene	ND		1.0		ug/L			07/20/13 11:51	1

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51942-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 440-118889/4
Matrix: Water
Analysis Batch: 118889

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		1.0		ug/L			07/20/13 11:51	1
Hexachlorobutadiene	ND		1.0		ug/L			07/20/13 11:51	1
Isopropylbenzene	ND		1.0		ug/L			07/20/13 11:51	1
Methylene Chloride	ND		5.0		ug/L			07/20/13 11:51	1
m,p-Xylene	ND		1.0		ug/L			07/20/13 11:51	1
Naphthalene	ND		1.0		ug/L			07/20/13 11:51	1
n-Butylbenzene	ND		1.0		ug/L			07/20/13 11:51	1
N-Propylbenzene	ND		1.0		ug/L			07/20/13 11:51	1
o-Xylene	ND		1.0		ug/L			07/20/13 11:51	1
p-Isopropyltoluene	ND		1.0		ug/L			07/20/13 11:51	1
sec-Butylbenzene	ND		1.0		ug/L			07/20/13 11:51	1
Styrene	ND		1.0		ug/L			07/20/13 11:51	1
tert-Butylbenzene	ND		1.0		ug/L			07/20/13 11:51	1
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			07/20/13 11:51	1
1,1,2,2-Tetrachloroethane	ND		1.0		ug/L			07/20/13 11:51	1
Tetrachloroethene	ND		1.0		ug/L			07/20/13 11:51	1
Toluene	ND		1.0		ug/L			07/20/13 11:51	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			07/20/13 11:51	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			07/20/13 11:51	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			07/20/13 11:51	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			07/20/13 11:51	1
1,1,1-Trichloroethane	ND		1.0		ug/L			07/20/13 11:51	1
1,1,2-Trichloroethane	ND		1.0		ug/L			07/20/13 11:51	1
Trichloroethene	ND		1.0		ug/L			07/20/13 11:51	1
Trichlorofluoromethane	ND		1.0		ug/L			07/20/13 11:51	1
1,2,3-Trichloropropane	ND		1.0		ug/L			07/20/13 11:51	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			07/20/13 11:51	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			07/20/13 11:51	1
Vinyl chloride	ND		0.50		ug/L			07/20/13 11:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*07/20/13 11:51*	*1*
Dibromofluoromethane (Surr)	*94*		*80 - 120*		*07/20/13 11:51*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*07/20/13 11:51*	*1*

Lab Sample ID: LCS 440-118889/5
Matrix: Water
Analysis Batch: 118889

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			25.0	24.2		ug/L		97	68 - 130		
Bromobenzene			25.0	29.9		ug/L		120	70 - 130		
Bromochloromethane			25.0	27.5		ug/L		110	70 - 130		
Bromodichloromethane			25.0	27.9		ug/L		112	70 - 132		
Bromoform			25.0	25.8		ug/L		103	60 - 148		
Bromomethane			25.0	27.1		ug/L		108	64 - 139		
Carbon tetrachloride			25.0	30.6		ug/L		122	60 - 150		
Chlorobenzene			25.0	27.4		ug/L		110	70 - 130		

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51942-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 440-118889/5
Matrix: Water
Analysis Batch: 118889

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroethane	25.0	25.2		ug/L		101	64 - 135
Chloroform	25.0	24.7		ug/L		99	70 - 130
Chloromethane	25.0	23.0		ug/L		92	47 - 140
2-Chlorotoluene	25.0	27.3		ug/L		109	70 - 130
4-Chlorotoluene	25.0	27.8		ug/L		111	70 - 130
cis-1,2-Dichloroethene	25.0	26.7		ug/L		107	70 - 133
cis-1,3-Dichloropropene	25.0	26.8		ug/L		107	70 - 133
Dibromochloromethane	25.0	26.8		ug/L		107	69 - 145
1,2-Dibromo-3-Chloropropane	25.0	19.1		ug/L		76	52 - 140
1,2-Dibromoethane (EDB)	25.0	26.5		ug/L		106	70 - 130
Dibromomethane	25.0	27.2		ug/L		109	70 - 130
1,2-Dichlorobenzene	25.0	27.2		ug/L		109	70 - 130
1,3-Dichlorobenzene	25.0	28.7		ug/L		115	70 - 130
1,4-Dichlorobenzene	25.0	27.9		ug/L		111	70 - 130
Dichlorodifluoromethane	25.0	23.4		ug/L		94	29 - 150
1,1-Dichloroethane	25.0	22.1		ug/L		88	64 - 130
1,2-Dichloroethane	25.0	23.6		ug/L		94	57 - 138
1,1-Dichloroethene	25.0	25.3		ug/L		101	70 - 130
1,2-Dichloropropane	25.0	22.5		ug/L		90	67 - 130
1,3-Dichloropropane	25.0	23.8		ug/L		95	70 - 130
2,2-Dichloropropane	25.0	28.8		ug/L		115	68 - 141
1,1-Dichloropropene	25.0	26.7		ug/L		107	70 - 130
Ethylbenzene	25.0	28.1		ug/L		112	70 - 130
Hexachlorobutadiene	25.0	29.4		ug/L		117	10 - 150
Isopropylbenzene	25.0	31.3		ug/L		125	70 - 136
Methylene Chloride	25.0	20.0		ug/L		80	52 - 130
m,p-Xylene	50.0	57.0		ug/L		114	70 - 130
Naphthalene	25.0	20.1		ug/L		80	60 - 140
n-Butylbenzene	25.0	27.9		ug/L		112	65 - 150
N-Propylbenzene	25.0	30.0		ug/L		120	67 - 139
o-Xylene	25.0	27.4		ug/L		110	70 - 130
p-Isopropyltoluene	25.0	26.8		ug/L		107	70 - 132
sec-Butylbenzene	25.0	29.5		ug/L		118	70 - 138
Styrene	25.0	27.1		ug/L		108	70 - 134
tert-Butylbenzene	25.0	27.8		ug/L		111	70 - 130
1,1,1,2-Tetrachloroethane	25.0	30.5		ug/L		122	60 - 141
1,1,2,2-Tetrachloroethane	25.0	24.1		ug/L		97	63 - 130
Tetrachloroethene	25.0	29.7		ug/L		119	70 - 130
Toluene	25.0	27.8		ug/L		111	70 - 130
trans-1,2-Dichloroethene	25.0	26.0		ug/L		104	70 - 130
trans-1,3-Dichloropropene	25.0	25.8		ug/L		103	70 - 132
1,2,3-Trichlorobenzene	25.0	25.7		ug/L		103	60 - 140
1,2,4-Trichlorobenzene	25.0	27.4		ug/L		110	60 - 140
1,1,1-Trichloroethane	25.0	25.6		ug/L		102	70 - 130
1,1,2-Trichloroethane	25.0	25.2		ug/L		101	70 - 130
Trichloroethene	25.0	29.1		ug/L		116	70 - 130
Trichlorofluoromethane	25.0	32.9		ug/L		132	60 - 150
1,2,3-Trichloropropane	25.0	22.1		ug/L		88	63 - 130

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51942-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 440-118889/5
Matrix: Water
Analysis Batch: 118889

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trimethylbenzene	25.0	29.0		ug/L		116	70 - 135
1,3,5-Trimethylbenzene	25.0	29.6		ug/L		118	70 - 136
Vinyl chloride	25.0	25.1		ug/L		101	59 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*
Dibromofluoromethane (Surr)	*96*		*80 - 120*
Toluene-d8 (Surr)	*103*		*80 - 120*

Lab Sample ID: 440-51998-B-9 MS
Matrix: Water
Analysis Batch: 118889

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND		25.0	24.6		ug/L		99	66 - 130
Bromobenzene	ND		25.0	30.1		ug/L		120	70 - 130
Bromochloromethane	ND		25.0	27.8		ug/L		111	70 - 130
Bromodichloromethane	ND		25.0	28.6		ug/L		114	70 - 138
Bromoform	ND		25.0	26.7		ug/L		107	59 - 150
Bromomethane	ND		25.0	24.9		ug/L		99	62 - 131
Carbon tetrachloride	ND		25.0	31.2		ug/L		125	60 - 150
Chlorobenzene	ND		25.0	28.3		ug/L		113	70 - 130
Chloroethane	ND		25.0	25.0		ug/L		100	68 - 130
Chloroform	ND		25.0	24.5		ug/L		98	70 - 130
Chloromethane	ND		25.0	22.8		ug/L		91	39 - 144
2-Chlorotoluene	ND		25.0	28.3		ug/L		113	70 - 130
4-Chlorotoluene	ND		25.0	28.6		ug/L		114	70 - 130
cis-1,2-Dichloroethene	ND		25.0	26.6		ug/L		106	70 - 130
cis-1,3-Dichloropropene	ND		25.0	26.5		ug/L		106	70 - 133
Dibromochloromethane	ND		25.0	27.9		ug/L		112	70 - 148
1,2-Dibromo-3-Chloropropane	ND		25.0	20.6		ug/L		82	48 - 140
1,2-Dibromoethane (EDB)	ND		25.0	27.1		ug/L		109	70 - 131
Dibromomethane	ND		25.0	28.5		ug/L		114	70 - 130
1,2-Dichlorobenzene	ND		25.0	28.4		ug/L		113	70 - 130
1,3-Dichlorobenzene	ND		25.0	29.1		ug/L		116	70 - 130
1,4-Dichlorobenzene	ND		25.0	28.1		ug/L		113	70 - 130
Dichlorodifluoromethane	ND		25.0	23.1		ug/L		93	25 - 142
1,1-Dichloroethane	ND		25.0	21.7		ug/L		87	65 - 130
1,2-Dichloroethane	ND		25.0	23.6		ug/L		94	56 - 146
1,1-Dichloroethene	ND		25.0	25.7		ug/L		103	70 - 130
1,2-Dichloropropane	ND		25.0	23.5		ug/L		94	69 - 130
1,3-Dichloropropane	ND		25.0	25.2		ug/L		101	70 - 130
2,2-Dichloropropane	ND		25.0	27.8		ug/L		111	69 - 138
1,1-Dichloropropene	ND		25.0	27.6		ug/L		110	64 - 130
Ethylbenzene	2.6		25.0	31.0		ug/L		113	70 - 130
Hexachlorobutadiene	ND		25.0	29.8		ug/L		119	10 - 150
Isopropylbenzene	2.2		25.0	34.0		ug/L		127	70 - 132
Methylene Chloride	ND		25.0	20.0		ug/L		80	52 - 130

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51942-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-51998-B-9 MS
Matrix: Water
Analysis Batch: 118889

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
m,p-Xylene	ND		50.0	59.6		ug/L		119	70 - 133
Naphthalene	ND		25.0	22.7		ug/L		89	60 - 140
n-Butylbenzene	ND		25.0	29.7		ug/L		116	61 - 149
N-Propylbenzene	5.3		25.0	35.1		ug/L		119	66 - 135
o-Xylene	ND		25.0	28.3		ug/L		113	70 - 133
p-Isopropyltoluene	ND		25.0	27.7		ug/L		111	70 - 130
sec-Butylbenzene	1.3		25.0	31.3		ug/L		120	67 - 134
Styrene	ND		25.0	30.2		ug/L		121	29 - 150
tert-Butylbenzene	ND		25.0	28.7		ug/L		115	70 - 130
1,1,1,2-Tetrachloroethane	ND		25.0	31.3		ug/L		125	60 - 149
1,1,2,2-Tetrachloroethane	ND		25.0	25.9		ug/L		104	63 - 130
Tetrachloroethene	ND		25.0	30.6		ug/L		123	70 - 137
Toluene	ND		25.0	28.8		ug/L		115	70 - 130
trans-1,2-Dichloroethene	ND		25.0	26.7		ug/L		107	70 - 130
trans-1,3-Dichloropropene	ND		25.0	25.7		ug/L		103	70 - 138
1,2,3-Trichlorobenzene	ND		25.0	27.0		ug/L		108	60 - 140
1,2,4-Trichlorobenzene	ND		25.0	28.6		ug/L		114	60 - 140
1,1,1-Trichloroethane	ND		25.0	25.6		ug/L		103	70 - 130
1,1,2-Trichloroethane	ND		25.0	26.7		ug/L		107	70 - 130
Trichloroethene	ND		25.0	29.3		ug/L		117	70 - 130
Trichlorofluoromethane	ND		25.0	33.0		ug/L		132	60 - 150
1,2,3-Trichloropropane	ND		25.0	22.7		ug/L		91	60 - 130
1,2,4-Trimethylbenzene	ND		25.0	30.6		ug/L		120	70 - 130
1,3,5-Trimethylbenzene	ND		25.0	30.1		ug/L		120	70 - 130
Vinyl chloride	ND		25.0	25.1		ug/L		100	50 - 137

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*
Dibromofluoromethane (Surr)	*95*		*80 - 120*
Toluene-d8 (Surr)	*103*		*80 - 120*

Lab Sample ID: 440-51998-B-9 MSD
Matrix: Water
Analysis Batch: 118889

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	ND		25.0	24.7		ug/L		99	66 - 130	0	20
Bromobenzene	ND		25.0	30.4		ug/L		122	70 - 130	1	20
Bromochloromethane	ND		25.0	29.6		ug/L		118	70 - 130	6	25
Bromodichloromethane	ND		25.0	28.7		ug/L		115	70 - 138	0	20
Bromoform	ND		25.0	27.5		ug/L		110	59 - 150	3	25
Bromomethane	ND		25.0	24.6		ug/L		98	62 - 131	1	25
Carbon tetrachloride	ND		25.0	29.6		ug/L		118	60 - 150	5	25
Chlorobenzene	ND		25.0	28.2		ug/L		113	70 - 130	1	20
Chloroethane	ND		25.0	24.7		ug/L		99	68 - 130	1	25
Chloroform	ND		25.0	24.9		ug/L		100	70 - 130	2	20
Chloromethane	ND		25.0	22.9		ug/L		91	39 - 144	0	25
2-Chlorotoluene	ND		25.0	27.4		ug/L		109	70 - 130	3	20

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51942-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-51998-B-9 MSD
Matrix: Water
Analysis Batch: 118889

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4-Chlorotoluene	ND		25.0	27.8		ug/L		111	70 - 130	3	20
cis-1,2-Dichloroethene	ND		25.0	27.6		ug/L		110	70 - 130	4	20
cis-1,3-Dichloropropene	ND		25.0	27.0		ug/L		108	70 - 133	2	20
Dibromochloromethane	ND		25.0	28.4		ug/L		114	70 - 148	2	25
1,2-Dibromo-3-Chloropropane	ND		25.0	20.1		ug/L		80	48 - 140	2	30
1,2-Dibromoethane (EDB)	ND		25.0	27.6		ug/L		110	70 - 131	2	25
Dibromomethane	ND		25.0	28.7		ug/L		115	70 - 130	1	25
1,2-Dichlorobenzene	ND		25.0	28.4		ug/L		114	70 - 130	0	20
1,3-Dichlorobenzene	ND		25.0	28.7		ug/L		115	70 - 130	1	20
1,4-Dichlorobenzene	ND		25.0	28.2		ug/L		113	70 - 130	0	20
Dichlorodifluoromethane	ND		25.0	22.2		ug/L		89	25 - 142	4	30
1,1-Dichloroethane	ND		25.0	22.5		ug/L		90	65 - 130	4	20
1,2-Dichloroethane	ND		25.0	24.3		ug/L		97	56 - 146	3	20
1,1-Dichloroethene	ND		25.0	25.3		ug/L		101	70 - 130	2	20
1,2-Dichloropropane	ND		25.0	23.6		ug/L		94	69 - 130	0	20
1,3-Dichloropropane	ND		25.0	25.4		ug/L		102	70 - 130	1	25
2,2-Dichloropropane	ND		25.0	27.8		ug/L		111	69 - 138	0	25
1,1-Dichloropropene	ND		25.0	26.4		ug/L		106	64 - 130	4	20
Ethylbenzene	2.6		25.0	30.3		ug/L		111	70 - 130	2	20
Hexachlorobutadiene	ND		25.0	28.2		ug/L		113	10 - 150	6	20
Isopropylbenzene	2.2		25.0	32.4		ug/L		121	70 - 132	5	20
Methylene Chloride	ND		25.0	20.7		ug/L		83	52 - 130	3	20
m,p-Xylene	ND		50.0	57.5		ug/L		115	70 - 133	3	25
Naphthalene	ND		25.0	23.0		ug/L		90	60 - 140	2	30
n-Butylbenzene	ND		25.0	28.2		ug/L		110	61 - 149	5	20
N-Propylbenzene	5.3		25.0	34.2		ug/L		116	66 - 135	2	20
o-Xylene	ND		25.0	28.1		ug/L		112	70 - 133	1	20
p-Isopropyltoluene	ND		25.0	26.5		ug/L		106	70 - 130	4	20
sec-Butylbenzene	1.3		25.0	30.0		ug/L		115	67 - 134	4	20
Styrene	ND		25.0	30.1		ug/L		120	29 - 150	0	30
tert-Butylbenzene	ND		25.0	27.5		ug/L		110	70 - 130	4	20
1,1,1,2-Tetrachloroethane	ND		25.0	31.0		ug/L		124	60 - 149	1	20
1,1,2,2-Tetrachloroethane	ND		25.0	26.3		ug/L		105	63 - 130	1	30
Tetrachloroethene	ND		25.0	28.9		ug/L		115	70 - 137	6	20
Toluene	ND		25.0	28.8		ug/L		115	70 - 130	0	20
trans-1,2-Dichloroethene	ND		25.0	26.4		ug/L		105	70 - 130	1	20
trans-1,3-Dichloropropene	ND		25.0	26.3		ug/L		105	70 - 138	2	25
1,2,3-Trichlorobenzene	ND		25.0	27.3		ug/L		109	60 - 140	1	20
1,2,4-Trichlorobenzene	ND		25.0	28.3		ug/L		113	60 - 140	1	20
1,1,1-Trichloroethane	ND		25.0	25.5		ug/L		102	70 - 130	0	20
1,1,2-Trichloroethane	ND		25.0	27.3		ug/L		109	70 - 130	2	25
Trichloroethene	ND		25.0	28.6		ug/L		114	70 - 130	2	20
Trichlorofluoromethane	ND		25.0	31.6		ug/L		126	60 - 150	4	25
1,2,3-Trichloropropane	ND		25.0	23.0		ug/L		92	60 - 130	1	30
1,2,4-Trimethylbenzene	ND		25.0	29.4		ug/L		115	70 - 130	4	25
1,3,5-Trimethylbenzene	ND		25.0	29.7		ug/L		119	70 - 130	1	20
Vinyl chloride	ND		25.0	23.8		ug/L		95	50 - 137	5	30

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51942-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-51998-B-9 MSD
Matrix: Water
Analysis Batch: 118889

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		80 - 120
Dibromofluoromethane (Surr)	99		80 - 120
Toluene-d8 (Surr)	104		80 - 120

QC Association Summary

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51942-1

GC/MS VOA

Prep Batch: 118497

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-51942-1	EB-6-5	Total/NA	Solid	5035	
440-51942-2	EB-6-10	Total/NA	Solid	5035	
440-51942-4	EB-6-20	Total/NA	Solid	5035	
440-51942-6	EB-6-30	Total/NA	Solid	5035	
440-51942-8	EB-6-40	Total/NA	Solid	5035	
440-51942-10	EB-4-5	Total/NA	Solid	5035	
440-51942-11	EB-4-10	Total/NA	Solid	5035	
440-51942-13	EB-4-20	Total/NA	Solid	5035	
440-51942-15	EB-4-30	Total/NA	Solid	5035	
440-51942-17	EB-4-40	Total/NA	Solid	5035	

Analysis Batch: 118627

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-51942-1	EB-6-5	Total/NA	Solid	8260B	118497
440-51942-2	EB-6-10	Total/NA	Solid	8260B	118497
440-51942-4	EB-6-20	Total/NA	Solid	8260B	118497
440-51942-6	EB-6-30	Total/NA	Solid	8260B	118497
440-51942-8	EB-6-40	Total/NA	Solid	8260B	118497
440-51942-10	EB-4-5	Total/NA	Solid	8260B	118497
440-51942-11	EB-4-10	Total/NA	Solid	8260B	118497
440-51942-13	EB-4-20	Total/NA	Solid	8260B	118497
440-51942-15	EB-4-30	Total/NA	Solid	8260B	118497
440-51942-17	EB-4-40	Total/NA	Solid	8260B	118497
LCS 440-118627/4	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 440-118627/5	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 440-118627/3	Method Blank	Total/NA	Solid	8260B	

Analysis Batch: 118889

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-51942-9	EB-6-HP-44.2	Total/NA	Water	8260B	
440-51942-18	TB-071713	Total/NA	Water	8260B	
440-51942-19	EB-4-HP-44.8	Total/NA	Water	8260B	
440-51998-B-9 MS	Matrix Spike	Total/NA	Water	8260B	
440-51998-B-9 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	
LCS 440-118889/5	Lab Control Sample	Total/NA	Water	8260B	
MB 440-118889/4	Method Blank	Total/NA	Water	8260B	

Definitions/Glossary

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51942-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Certification Summary

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-51942-1

Laboratory: TestAmerica Irvine

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alaska	State Program	10	CA01531	06-30-14
Arizona	State Program	9	AZ0671	10-13-13
California	LA Cty Sanitation Districts	9	10256	01-31-14
California	NELAP	9	1108CA	01-31-14
California	State Program	9	2706	06-30-14
Guam	State Program	9	Cert. No. 12.002r	01-28-14 *
Hawaii	State Program	9	N/A	01-31-14
Nevada	State Program	9	CA015312007A	07-31-13
New Mexico	State Program	6	N/A	01-31-14
Northern Mariana Islands	State Program	9	MP0002	01-31-14
Oregon	NELAP	10	4005	09-12-13
USDA	Federal		P330-09-00080	06-06-14
USEPA UCMR	Federal	1	CA01531	01-31-15

* Expired certification is currently pending renewal and is considered valid.

CHAIN-of-CUSTODY

ENVIRON
☐ 18100 Von Karman Ave., Ste 600, Irvine, CA 92612, (949) 261-5151, (949) 261-6202 (fax)
☐ 707 Wilshire Blvd., Suite 4950, Los Angeles, Calif. 90017, (213) 943-6300, (213) 943-6301 (fax)
☐ 1702 E Highland Avenue, Suite 412, Phoenix, AZ 85016, (602) 734-7700, (602) 734-7701 (fax)

№ 08388

MSA#: _____ WO#: _____

PROJECT NAME / FACILITY ID: AEA-Costa Mesa

FIELD PERSON: Brian Bauer

PROJECT NUMBER: 05-3181.9A DATE: 7/17/13

PROJECT MANAGER: Jeff R.

PROJECT LOCATION: Costa Mesa, Ca

LABORATORY: Test America

IS THIS A UST PROJECT OR IS EDF REQUIRED? Y (N) IF YES, GLOBAL ID #: _____

SAMPLER: Brian Bauer

SIGNATURE:

SAMPLE I.D. NUMBER	YEAR 2013 SAMPLE DATE	SAMPLE TIME	SAMPLE DEPTH	AIR SAMPLE VOLUME (L)	MATRIX (A) AIR (S) SOIL (G) GAS (W) WATER	NUMBER OF CONTAINERS	FILTERED/UNFILTERED (F/U)	PRESERVATION (SEE KEY)	ANALYSIS REQUIRED 8260B	COMMENTS
EB-6-5	7/17	0819	5	—	S	4	—	—	X	Hold samples:
EB-6-10		0820	10			4			X	EB-6-15, EB-6-25
EB-6-15		0844	15			1			X	EB-6-35, EB-4-15
EB-6-20		0850	20			4			X	EB-4-25, EB-4-35
EB-6-25		0912	25			1			X	
EB-6-30		0916	30			4			X	
EB-6-35		1009	35			1			X	
EB-6-40		1105	40			4			X	
EB-6-HP-442	↓	1230	442	—	W	3	U	HCL	X	
EB-4-5		1335	5	—	S	4	—	—	X	
EB-4-10		1349	10			4			X	
EB-4-15		1401	15			1			X	
EB-4-20	↓	1432	20	↓	↓	4			X	
TOTAL	X	X	X							



RELINQUISHED BY:	TIME/DATE:	RECEIVED BY: (COMPANY):	TIME/DATE:
	1715/7/17/13		1715/7/17/13
RELINQUISHED BY:	TIME/DATE:	RECEIVED BY: (COMPANY):	TIME/DATE:
	1800/7/17/13		
RELINQUISHED BY:	TIME/DATE:	RECEIVED BY: (COMPANY):	TIME/DATE:
			7/17/13 1800

TURNAROUND TIME (CIRCLE ONE): SAMEDAY, 24 HOURS, 48 HOURS, 72 HOURS, 5 DAYS, (NORMAL)

SAMPLE INTEGRITY — INTACT: (Y) N Temp 5-8/5-3

IF SEALED, SEAL INTEGRITY — INTACT: Y N

H = HCL; N = HNO3; S = H2SO4; U = UNKNOWN; NO = NONE; O = OTHER

FILE: LOG FORMS\Chain_of_Custody

Rev 7/2011

CHAIN-of-CUSTODY

ENVIRON
☐ 18100 Von Karman Ave., Ste 600, Irvine, CA 92612, (949) 261-5151, (949) 261-6202 (fax)
☐ 707 Wilshire Blvd., Suite 4950, Los Angeles, Calif. 90017, (213) 943-6300, (213) 943-6301 (fax)
☐ 1702 E Highland Avenue, Suite 412, Phoenix, AZ 85016, (602) 734-7700, (602) 734-7701 (fax)

№ 08390

MSA#: _____ WO#: _____

PROJECT NAME / FACILITY ID: AEA- Costa Mesa

FIELD PERSON: Brian Bauer

PROJECT NUMBER: 05-31819A DATE: 7/17/13

PROJECT MANAGER: Jeff R.

PROJECT LOCATION: Costa Mesa, Ca.

LABORATORY: Test America

IS THIS A UST PROJECT OR IS EDF REQUIRED? Y (N) IF YES, GLOBAL ID #: _____

SAMPLER: Brian Bauer

SIGNATURE:

SAMPLE I.D. NUMBER	YEAR 2013 SAMPLE DATE	SAMPLE TIME	SAMPLE DEPTH	AIR SAMPLE VOLUME (L)	MATRIX (A) AIR (S) SOIL (G) GAS (W) WATER	NUMBER OF CONTAINERS	FILTERED/UNFILTERED (F/U)	PRESERVATION (SEE KEY)	ANALYSIS REQUIRED 8260B	COMMENTS
EB-4-25	7/17	1455	25	—	S	1	—	—	X	
EB-4-30		1511	30			4			X	
EB-4-35		1548	35			1			X	
EB-4-40		1600	40			4			X	
TB-071713	↓	0800	—	↓	W	2	U	HCL	X	
EB-4-HP-44.8	↓	1700	44.8	—	W	3	U	HCL	X	
TOTAL	X	X	X							

H = HCL; N = HNO3; S = H SO ; U = UNKNOWN; NO = NONE; O = OTHER

RELINQUISHED BY:	TIME/DATE: 1715/7/17/13	RECEIVED BY: (COMPANY):	TIME/DATE: 1715/7/17/13
RELINQUISHED BY:	TIME/DATE: 1800 7/17/13	RECEIVED BY: (COMPANY):	TIME/DATE:
RELINQUISHED BY:	TIME/DATE:	RECEIVED BY: (COMPANY):	TIME/DATE: 7/17/13 18:00

TURNAROUND TIME (CIRCLE ONE): SAMEDAY, 24 HOURS, 48 HOURS, 72 HOURS, 5 DAYS, NORMAL

SAMPLE INTEGRITY — INTACT: (Y) N Temp 5.8/5.3

IF SEALED, SEAL INTEGRITY — INTACT: Y N

FILE: LOC FORMS\Chain_of_Custody

Rev 7/27/2011

Login Sample Receipt Checklist

Client: ENVIRON International Corp.

Job Number: 440-51942-1

Login Number: 51942
List Number: 1
Creator: Avila, Stephanie

List Source: TestAmerica Irvine

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	Brian Bauer
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING



ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Irvine
17461 Derian Ave
Suite 100
Irvine, CA 92614-5817
Tel: (949)261-1022

TestAmerica Job ID: 440-52231-1
Client Project/Site: AEA Costa Mesa, 05-31819A

For:
ENVIRON International Corp.
18100 Von Karman Avenue
Irvine, California 92612

Attn: Mr. Jeff Raumin

Authorized for release by:
7/30/2013 9:05:43 AM

Patty Mata, Project Manager I
patty.mata@testamericainc.com

LINKS

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Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Cover Page 1
Table of Contents 2
Sample Summary 3
Case Narrative 4
Client Sample Results 5
Method Summary 8
Chronicle 9
QC Sample Results 10
QC Association 16
Definitions 17
Certification Summary 18
Chain of Custody 19
Receipt Checklists 20

Sample Summary

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-52231-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-52231-1	TB-071913	Water	07/19/13 08:00	07/19/13 14:06
440-52231-2	EB-12-HP-45.3	Water	07/19/13 11:40	07/19/13 14:06

Case Narrative

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-52231-1

Job ID: 440-52231-1

Laboratory: TestAmerica Irvine

Narrative

Job Narrative
440-52231-1

Comments
No additional comments.

Receipt
The samples were received on 7/19/2013 2:06 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.9º C.

GC/MS VOA
Method 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and/or precision for selected analytes in batch 119456 were outside control limits. The LCS recoveries met acceptance criteria for the batch.

No other analytical or quality issues were noted.

VOA Prep
No analytical or quality issues were noted.

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-52231-1

Client Sample ID: TB-071913
Date Collected: 07/19/13 08:00
Date Received: 07/19/13 14:06

Lab Sample ID: 440-52231-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			07/24/13 04:43	1
Bromobenzene	ND		1.0		ug/L			07/24/13 04:43	1
Bromochloromethane	ND		1.0		ug/L			07/24/13 04:43	1
Bromodichloromethane	ND		1.0		ug/L			07/24/13 04:43	1
Bromoform	ND		1.0		ug/L			07/24/13 04:43	1
Bromomethane	ND		1.0		ug/L			07/24/13 04:43	1
Carbon tetrachloride	ND		0.50		ug/L			07/24/13 04:43	1
Chlorobenzene	ND		1.0		ug/L			07/24/13 04:43	1
Chloroethane	ND		1.0		ug/L			07/24/13 04:43	1
Chloroform	ND		1.0		ug/L			07/24/13 04:43	1
Chloromethane	ND		1.0		ug/L			07/24/13 04:43	1
2-Chlorotoluene	ND		1.0		ug/L			07/24/13 04:43	1
4-Chlorotoluene	ND		1.0		ug/L			07/24/13 04:43	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			07/24/13 04:43	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			07/24/13 04:43	1
Dibromochloromethane	ND		1.0		ug/L			07/24/13 04:43	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/L			07/24/13 04:43	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			07/24/13 04:43	1
Dibromomethane	ND		1.0		ug/L			07/24/13 04:43	1
1,2-Dichlorobenzene	ND		1.0		ug/L			07/24/13 04:43	1
1,3-Dichlorobenzene	ND		1.0		ug/L			07/24/13 04:43	1
1,4-Dichlorobenzene	ND		1.0		ug/L			07/24/13 04:43	1
Dichlorodifluoromethane	ND		5.0		ug/L			07/24/13 04:43	1
1,1-Dichloroethane	ND		1.0		ug/L			07/24/13 04:43	1
1,2-Dichloroethane	ND		0.50		ug/L			07/24/13 04:43	1
1,1-Dichloroethene	ND		1.0		ug/L			07/24/13 04:43	1
1,2-Dichloropropane	ND		1.0		ug/L			07/24/13 04:43	1
1,3-Dichloropropane	ND		1.0		ug/L			07/24/13 04:43	1
2,2-Dichloropropane	ND		1.0		ug/L			07/24/13 04:43	1
1,1-Dichloropropene	ND		1.0		ug/L			07/24/13 04:43	1
Ethylbenzene	ND		1.0		ug/L			07/24/13 04:43	1
Hexachlorobutadiene	ND		1.0		ug/L			07/24/13 04:43	1
Isopropylbenzene	ND		1.0		ug/L			07/24/13 04:43	1
Methylene Chloride	ND		5.0		ug/L			07/24/13 04:43	1
m,p-Xylene	ND		1.0		ug/L			07/24/13 04:43	1
Naphthalene	ND		1.0		ug/L			07/24/13 04:43	1
n-Butylbenzene	ND		1.0		ug/L			07/24/13 04:43	1
N-Propylbenzene	ND		1.0		ug/L			07/24/13 04:43	1
o-Xylene	ND		1.0		ug/L			07/24/13 04:43	1
p-Isopropyltoluene	ND		1.0		ug/L			07/24/13 04:43	1
sec-Butylbenzene	ND		1.0		ug/L			07/24/13 04:43	1
Styrene	ND		1.0		ug/L			07/24/13 04:43	1
tert-Butylbenzene	ND		1.0		ug/L			07/24/13 04:43	1
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			07/24/13 04:43	1
1,1,2,2-Tetrachloroethane	ND		1.0		ug/L			07/24/13 04:43	1
Tetrachloroethene	ND		1.0		ug/L			07/24/13 04:43	1
Toluene	ND		1.0		ug/L			07/24/13 04:43	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			07/24/13 04:43	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			07/24/13 04:43	1

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-52231-1

Client Sample ID: TB-071913

Lab Sample ID: 440-52231-1

Date Collected: 07/19/13 08:00

Matrix: Water

Date Received: 07/19/13 14:06

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	ND		1.0		ug/L			07/24/13 04:43	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			07/24/13 04:43	1
1,1,1-Trichloroethane	ND		1.0		ug/L			07/24/13 04:43	1
1,1,2-Trichloroethane	ND		1.0		ug/L			07/24/13 04:43	1
Trichloroethene	ND		1.0		ug/L			07/24/13 04:43	1
Trichlorofluoromethane	ND		1.0		ug/L			07/24/13 04:43	1
1,2,3-Trichloropropane	ND		1.0		ug/L			07/24/13 04:43	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			07/24/13 04:43	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			07/24/13 04:43	1
Vinyl chloride	ND		0.50		ug/L			07/24/13 04:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*07/24/13 04:43*	*1*
Dibromofluoromethane (Surr)	*112*		*80 - 120*		*07/24/13 04:43*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*07/24/13 04:43*	*1*

Client Sample ID: EB-12-HP-45.3

Lab Sample ID: 440-52231-2

Date Collected: 07/19/13 11:40

Matrix: Water

Date Received: 07/19/13 14:06

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			07/24/13 05:13	1
Bromobenzene	ND		1.0		ug/L			07/24/13 05:13	1
Bromochloromethane	ND		1.0		ug/L			07/24/13 05:13	1
Bromodichloromethane	ND		1.0		ug/L			07/24/13 05:13	1
Bromoform	ND		1.0		ug/L			07/24/13 05:13	1
Bromomethane	ND		1.0		ug/L			07/24/13 05:13	1
Carbon tetrachloride	ND		0.50		ug/L			07/24/13 05:13	1
Chlorobenzene	ND		1.0		ug/L			07/24/13 05:13	1
Chloroethane	ND		1.0		ug/L			07/24/13 05:13	1
Chloroform	ND		1.0		ug/L			07/24/13 05:13	1
Chloromethane	ND		1.0		ug/L			07/24/13 05:13	1
2-Chlorotoluene	ND		1.0		ug/L			07/24/13 05:13	1
4-Chlorotoluene	ND		1.0		ug/L			07/24/13 05:13	1
cis-1,2-Dichloroethene	**1.5**		1.0		ug/L			07/24/13 05:13	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			07/24/13 05:13	1
Dibromochloromethane	ND		1.0		ug/L			07/24/13 05:13	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/L			07/24/13 05:13	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			07/24/13 05:13	1
Dibromomethane	ND		1.0		ug/L			07/24/13 05:13	1
1,2-Dichlorobenzene	ND		1.0		ug/L			07/24/13 05:13	1
1,3-Dichlorobenzene	ND		1.0		ug/L			07/24/13 05:13	1
1,4-Dichlorobenzene	ND		1.0		ug/L			07/24/13 05:13	1
Dichlorodifluoromethane	ND		5.0		ug/L			07/24/13 05:13	1
1,1-Dichloroethane	ND		1.0		ug/L			07/24/13 05:13	1
1,2-Dichloroethane	ND		0.50		ug/L			07/24/13 05:13	1
1,1-Dichloroethene	ND		1.0		ug/L			07/24/13 05:13	1
1,2-Dichloropropane	ND		1.0		ug/L			07/24/13 05:13	1
1,3-Dichloropropane	ND		1.0		ug/L			07/24/13 05:13	1

Client Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-52231-1

Client Sample ID: EB-12-HP-45.3
Date Collected: 07/19/13 11:40
Date Received: 07/19/13 14:06

Lab Sample ID: 440-52231-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
2,2-Dichloropropane	ND		1.0		ug/L			07/24/13 05:13	1
1,1-Dichloropropene	ND		1.0		ug/L			07/24/13 05:13	1
Ethylbenzene	ND		1.0		ug/L			07/24/13 05:13	1
Hexachlorobutadiene	ND		1.0		ug/L			07/24/13 05:13	1
Isopropylbenzene	ND		1.0		ug/L			07/24/13 05:13	1
Methylene Chloride	ND		5.0		ug/L			07/24/13 05:13	1
m,p-Xylene	ND		1.0		ug/L			07/24/13 05:13	1
Naphthalene	ND		1.0		ug/L			07/24/13 05:13	1
n-Butylbenzene	ND		1.0		ug/L			07/24/13 05:13	1
N-Propylbenzene	ND		1.0		ug/L			07/24/13 05:13	1
o-Xylene	ND		1.0		ug/L			07/24/13 05:13	1
p-Isopropyltoluene	ND		1.0		ug/L			07/24/13 05:13	1
sec-Butylbenzene	ND		1.0		ug/L			07/24/13 05:13	1
Styrene	ND		1.0		ug/L			07/24/13 05:13	1
tert-Butylbenzene	ND		1.0		ug/L			07/24/13 05:13	1
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			07/24/13 05:13	1
1,1,2,2-Tetrachloroethane	ND		1.0		ug/L			07/24/13 05:13	1
Tetrachloroethene	**9.0**		1.0		ug/L			07/24/13 05:13	1
Toluene	ND		1.0		ug/L			07/24/13 05:13	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			07/24/13 05:13	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			07/24/13 05:13	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			07/24/13 05:13	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			07/24/13 05:13	1
1,1,1-Trichloroethane	ND		1.0		ug/L			07/24/13 05:13	1
1,1,2-Trichloroethane	ND		1.0		ug/L			07/24/13 05:13	1
Trichloroethene	**52**		1.0		ug/L			07/24/13 05:13	1
Trichlorofluoromethane	ND		1.0		ug/L			07/24/13 05:13	1
1,2,3-Trichloropropane	ND		1.0		ug/L			07/24/13 05:13	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			07/24/13 05:13	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			07/24/13 05:13	1
Vinyl chloride	ND		0.50		ug/L			07/24/13 05:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*07/24/13 05:13*	*1*
Dibromofluoromethane (Surr)	*100*		*80 - 120*		*07/24/13 05:13*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*07/24/13 05:13*	*1*

Method Summary

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-52231-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL IRV

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Lab Chronicle

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-52231-1

Client Sample ID: TB-071913

Lab Sample ID: 440-52231-1

Date Collected: 07/19/13 08:00

Matrix: Water

Date Received: 07/19/13 14:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	119456	07/24/13 04:43	NS	TAL IRV

Client Sample ID: EB-12-HP-45.3

Lab Sample ID: 440-52231-2

Date Collected: 07/19/13 11:40

Matrix: Water

Date Received: 07/19/13 14:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	119456	07/24/13 05:13	NS	TAL IRV

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-52231-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 440-119456/4
Matrix: Water
Analysis Batch: 119456

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			07/23/13 21:43	1
Bromobenzene	ND		1.0		ug/L			07/23/13 21:43	1
Bromochloromethane	ND		1.0		ug/L			07/23/13 21:43	1
Bromodichloromethane	ND		1.0		ug/L			07/23/13 21:43	1
Bromoform	ND		1.0		ug/L			07/23/13 21:43	1
Bromomethane	ND		1.0		ug/L			07/23/13 21:43	1
Carbon tetrachloride	ND		0.50		ug/L			07/23/13 21:43	1
Chlorobenzene	ND		1.0		ug/L			07/23/13 21:43	1
Chloroethane	ND		1.0		ug/L			07/23/13 21:43	1
Chloroform	ND		1.0		ug/L			07/23/13 21:43	1
Chloromethane	ND		1.0		ug/L			07/23/13 21:43	1
2-Chlorotoluene	ND		1.0		ug/L			07/23/13 21:43	1
4-Chlorotoluene	ND		1.0		ug/L			07/23/13 21:43	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			07/23/13 21:43	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			07/23/13 21:43	1
Dibromochloromethane	ND		1.0		ug/L			07/23/13 21:43	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/L			07/23/13 21:43	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			07/23/13 21:43	1
Dibromomethane	ND		1.0		ug/L			07/23/13 21:43	1
1,2-Dichlorobenzene	ND		1.0		ug/L			07/23/13 21:43	1
1,3-Dichlorobenzene	ND		1.0		ug/L			07/23/13 21:43	1
1,4-Dichlorobenzene	ND		1.0		ug/L			07/23/13 21:43	1
Dichlorodifluoromethane	ND		5.0		ug/L			07/23/13 21:43	1
1,1-Dichloroethane	ND		1.0		ug/L			07/23/13 21:43	1
1,2-Dichloroethane	ND		0.50		ug/L			07/23/13 21:43	1
1,1-Dichloroethene	ND		1.0		ug/L			07/23/13 21:43	1
1,2-Dichloropropane	ND		1.0		ug/L			07/23/13 21:43	1
1,3-Dichloropropane	ND		1.0		ug/L			07/23/13 21:43	1
2,2-Dichloropropane	ND		1.0		ug/L			07/23/13 21:43	1
1,1-Dichloropropene	ND		1.0		ug/L			07/23/13 21:43	1
Ethylbenzene	ND		1.0		ug/L			07/23/13 21:43	1
Hexachlorobutadiene	ND		1.0		ug/L			07/23/13 21:43	1
Isopropylbenzene	ND		1.0		ug/L			07/23/13 21:43	1
Methylene Chloride	ND		5.0		ug/L			07/23/13 21:43	1
m,p-Xylene	ND		1.0		ug/L			07/23/13 21:43	1
Naphthalene	ND		1.0		ug/L			07/23/13 21:43	1
n-Butylbenzene	ND		1.0		ug/L			07/23/13 21:43	1
N-Propylbenzene	ND		1.0		ug/L			07/23/13 21:43	1
o-Xylene	ND		1.0		ug/L			07/23/13 21:43	1
p-Isopropyltoluene	ND		1.0		ug/L			07/23/13 21:43	1
sec-Butylbenzene	ND		1.0		ug/L			07/23/13 21:43	1
Styrene	ND		1.0		ug/L			07/23/13 21:43	1
tert-Butylbenzene	ND		1.0		ug/L			07/23/13 21:43	1
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			07/23/13 21:43	1
1,1,2,2-Tetrachloroethane	ND		1.0		ug/L			07/23/13 21:43	1
Tetrachloroethene	ND		1.0		ug/L			07/23/13 21:43	1
Toluene	ND		1.0		ug/L			07/23/13 21:43	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			07/23/13 21:43	1

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-52231-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 440-119456/4
Matrix: Water
Analysis Batch: 119456

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		0.50		ug/L			07/23/13 21:43	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			07/23/13 21:43	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			07/23/13 21:43	1
1,1,1-Trichloroethane	ND		1.0		ug/L			07/23/13 21:43	1
1,1,2-Trichloroethane	ND		1.0		ug/L			07/23/13 21:43	1
Trichloroethene	ND		1.0		ug/L			07/23/13 21:43	1
Trichlorofluoromethane	ND		1.0		ug/L			07/23/13 21:43	1
1,2,3-Trichloropropane	ND		1.0		ug/L			07/23/13 21:43	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			07/23/13 21:43	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			07/23/13 21:43	1
Vinyl chloride	ND		0.50		ug/L			07/23/13 21:43	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*		*07/23/13 21:43*	*1*
Dibromofluoromethane (Surr)	*90*		*80 - 120*		*07/23/13 21:43*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*07/23/13 21:43*	*1*

Lab Sample ID: LCS 440-119456/5
Matrix: Water
Analysis Batch: 119456

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	25.0	21.7		ug/L		87	68 - 130
Bromobenzene	25.0	26.6		ug/L		106	70 - 130
Bromochloromethane	25.0	22.6		ug/L		90	70 - 130
Bromodichloromethane	25.0	23.6		ug/L		94	70 - 132
Bromoform	25.0	22.5		ug/L		90	60 - 148
Bromomethane	25.0	21.6		ug/L		86	64 - 139
Carbon tetrachloride	25.0	27.6		ug/L		110	60 - 150
Chlorobenzene	25.0	25.2		ug/L		101	70 - 130
Chloroethane	25.0	21.3		ug/L		85	64 - 135
Chloroform	25.0	21.0		ug/L		84	70 - 130
Chloromethane	25.0	19.2		ug/L		77	47 - 140
2-Chlorotoluene	25.0	25.2		ug/L		101	70 - 130
4-Chlorotoluene	25.0	25.3		ug/L		101	70 - 130
cis-1,2-Dichloroethene	25.0	22.8		ug/L		91	70 - 133
cis-1,3-Dichloropropene	25.0	22.3		ug/L		89	70 - 133
Dibromochloromethane	25.0	23.1		ug/L		92	69 - 145
1,2-Dibromo-3-Chloropropane	25.0	16.6		ug/L		66	52 - 140
1,2-Dibromoethane (EDB)	25.0	23.3		ug/L		93	70 - 130
Dibromomethane	25.0	23.8		ug/L		95	70 - 130
1,2-Dichlorobenzene	25.0	24.8		ug/L		99	70 - 130
1,3-Dichlorobenzene	25.0	25.9		ug/L		104	70 - 130
1,4-Dichlorobenzene	25.0	25.0		ug/L		100	70 - 130
Dichlorodifluoromethane	25.0	20.1		ug/L		81	29 - 150
1,1-Dichloroethane	25.0	18.8		ug/L		75	64 - 130
1,2-Dichloroethane	25.0	19.7		ug/L		79	57 - 138
1,1-Dichloroethene	25.0	22.7		ug/L		91	70 - 130

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-52231-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 440-119456/5
Matrix: Water
Analysis Batch: 119456

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloropropane	25.0	19.5		ug/L		78	67 - 130
1,3-Dichloropropane	25.0	21.1		ug/L		84	70 - 130
2,2-Dichloropropane	25.0	24.9		ug/L		100	68 - 141
1,1-Dichloropropene	25.0	24.1		ug/L		97	70 - 130
Ethylbenzene	25.0	26.0		ug/L		104	70 - 130
Hexachlorobutadiene	25.0	27.6		ug/L		110	10 - 150
Isopropylbenzene	25.0	29.2		ug/L		117	70 - 136
Methylene Chloride	25.0	17.0		ug/L		68	52 - 130
m,p-Xylene	50.0	52.3		ug/L		105	70 - 130
Naphthalene	25.0	18.3		ug/L		73	60 - 140
n-Butylbenzene	25.0	25.7		ug/L		103	65 - 150
N-Propylbenzene	25.0	27.9		ug/L		112	67 - 139
o-Xylene	25.0	24.9		ug/L		100	70 - 130
p-Isopropyltoluene	25.0	25.0		ug/L		100	70 - 132
sec-Butylbenzene	25.0	27.5		ug/L		110	70 - 138
Styrene	25.0	24.3		ug/L		97	70 - 134
tert-Butylbenzene	25.0	25.9		ug/L		104	70 - 130
1,1,1,2-Tetrachloroethane	25.0	26.3		ug/L		105	60 - 141
1,1,2,2-Tetrachloroethane	25.0	20.9		ug/L		84	63 - 130
Tetrachloroethene	25.0	28.1		ug/L		113	70 - 130
Toluene	25.0	25.0		ug/L		100	70 - 130
trans-1,2-Dichloroethene	25.0	23.1		ug/L		92	70 - 130
trans-1,3-Dichloropropene	25.0	21.4		ug/L		85	70 - 132
1,2,3-Trichlorobenzene	25.0	23.5		ug/L		94	60 - 140
1,2,4-Trichlorobenzene	25.0	24.7		ug/L		99	60 - 140
1,1,1-Trichloroethane	25.0	22.3		ug/L		89	70 - 130
1,1,2-Trichloroethane	25.0	21.3		ug/L		85	70 - 130
Trichloroethene	25.0	27.3		ug/L		109	70 - 130
Trichlorofluoromethane	25.0	28.5		ug/L		114	60 - 150
1,2,3-Trichloropropane	25.0	20.7		ug/L		83	63 - 130
1,2,4-Trimethylbenzene	25.0	26.4		ug/L		106	70 - 135
1,3,5-Trimethylbenzene	25.0	27.0		ug/L		108	70 - 136
Vinyl chloride	25.0	21.0		ug/L		84	59 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*
Dibromofluoromethane (Surr)	*89*		*80 - 120*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: 440-52275-A-5 MS
Matrix: Water
Analysis Batch: 119456

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND		25.0	26.4		ug/L		106	66 - 130
Bromobenzene	ND		25.0	31.5		ug/L		126	70 - 130
Bromochloromethane	ND		25.0	30.4		ug/L		122	70 - 130
Bromodichloromethane	ND		25.0	30.0		ug/L		120	70 - 138

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-52231-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-52275-A-5 MS
Matrix: Water
Analysis Batch: 119456

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromoform	ND		25.0	28.3		ug/L		113	59 - 150
Bromomethane	ND		25.0	27.8		ug/L		111	62 - 131
Carbon tetrachloride	ND		25.0	33.6		ug/L		134	60 - 150
Chlorobenzene	ND		25.0	29.3		ug/L		117	70 - 130
Chloroethane	ND		25.0	26.2		ug/L		105	68 - 130
Chloroform	ND		25.0	27.0		ug/L		108	70 - 130
Chloromethane	ND		25.0	24.2		ug/L		97	39 - 144
2-Chlorotoluene	ND		25.0	28.8		ug/L		115	70 - 130
4-Chlorotoluene	ND		25.0	28.6		ug/L		114	70 - 130
cis-1,2-Dichloroethene	ND		25.0	29.7		ug/L		119	70 - 130
cis-1,3-Dichloropropene	ND		25.0	28.5		ug/L		114	70 - 133
Dibromochloromethane	ND		25.0	29.6		ug/L		118	70 - 148
1,2-Dibromo-3-Chloropropane	ND		25.0	20.9		ug/L		84	48 - 140
1,2-Dibromoethane (EDB)	ND		25.0	29.0		ug/L		116	70 - 131
Dibromomethane	ND		25.0	30.6		ug/L		122	70 - 130
1,2-Dichlorobenzene	ND		25.0	28.2		ug/L		113	70 - 130
1,3-Dichlorobenzene	ND		25.0	29.4		ug/L		118	70 - 130
1,4-Dichlorobenzene	ND		25.0	28.4		ug/L		114	70 - 130
Dichlorodifluoromethane	ND		25.0	24.4		ug/L		98	25 - 142
1,1-Dichloroethane	ND		25.0	23.8		ug/L		95	65 - 130
1,2-Dichloroethane	ND		25.0	25.9		ug/L		104	56 - 146
1,1-Dichloroethene	ND		25.0	27.6		ug/L		110	70 - 130
1,2-Dichloropropane	ND		25.0	24.9		ug/L		100	69 - 130
1,3-Dichloropropane	ND		25.0	26.0		ug/L		104	70 - 130
2,2-Dichloropropane	ND		25.0	30.0		ug/L		120	69 - 138
1,1-Dichloropropene	ND		25.0	29.3		ug/L		117	64 - 130
Ethylbenzene	ND		25.0	29.0		ug/L		116	70 - 130
Hexachlorobutadiene	ND		25.0	29.7		ug/L		119	10 - 150
Isopropylbenzene	ND		25.0	32.6		ug/L		130	70 - 132
Methylene Chloride	ND		25.0	22.3		ug/L		89	52 - 130
m,p-Xylene	ND		50.0	60.1		ug/L		120	70 - 133
Naphthalene	ND		25.0	21.5		ug/L		84	60 - 140
n-Butylbenzene	ND		25.0	28.1		ug/L		112	61 - 149
N-Propylbenzene	ND		25.0	30.7		ug/L		123	66 - 135
o-Xylene	ND		25.0	28.8		ug/L		115	70 - 133
p-Isopropyltoluene	ND		25.0	27.7		ug/L		111	70 - 130
sec-Butylbenzene	ND		25.0	30.5		ug/L		122	67 - 134
Styrene	ND		25.0	25.6		ug/L		102	29 - 150
tert-Butylbenzene	ND		25.0	28.8		ug/L		115	70 - 130
1,1,1,2-Tetrachloroethane	ND		25.0	32.3		ug/L		129	60 - 149
1,1,2,2-Tetrachloroethane	ND		25.0	26.7		ug/L		107	63 - 130
Tetrachloroethene	ND		25.0	31.7		ug/L		127	70 - 137
Toluene	ND		25.0	30.5		ug/L		122	70 - 130
trans-1,2-Dichloroethene	ND		25.0	28.9		ug/L		115	70 - 130
trans-1,3-Dichloropropene	ND		25.0	28.1		ug/L		112	70 - 138
1,2,3-Trichlorobenzene	ND		25.0	26.8		ug/L		107	60 - 140
1,2,4-Trichlorobenzene	ND		25.0	28.4		ug/L		114	60 - 140
1,1,1-Trichloroethane	ND		25.0	27.9		ug/L		112	70 - 130

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-52231-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-52275-A-5 MS
Matrix: Water
Analysis Batch: 119456

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloroethane	ND		25.0	28.3		ug/L		113	70 - 130
Trichloroethene	ND		25.0	32.2		ug/L		129	70 - 130
Trichlorofluoromethane	ND		25.0	35.4		ug/L		142	60 - 150
1,2,3-Trichloropropane	ND		25.0	24.3		ug/L		97	60 - 130
1,2,4-Trimethylbenzene	ND		25.0	28.9		ug/L		116	70 - 130
1,3,5-Trimethylbenzene	ND		25.0	30.3		ug/L		121	70 - 130
Vinyl chloride	ND		25.0	26.2		ug/L		105	50 - 137

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*
Dibromofluoromethane (Surr)	*98*		*80 - 120*
Toluene-d8 (Surr)	*105*		*80 - 120*

Lab Sample ID: 440-52275-B-5 MSD
Matrix: Water
Analysis Batch: 119456

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	ND		25.0	20.7	F	ug/L		83	66 - 130	24	20
Bromobenzene	ND		25.0	26.1		ug/L		104	70 - 130	19	20
Bromochloromethane	ND		25.0	23.0	F	ug/L		92	70 - 130	28	25
Bromodichloromethane	ND		25.0	23.1	F	ug/L		93	70 - 138	26	20
Bromoform	ND		25.0	21.2	F	ug/L		85	59 - 150	29	25
Bromomethane	ND		25.0	21.5		ug/L		86	62 - 131	25	25
Carbon tetrachloride	ND		25.0	26.1		ug/L		105	60 - 150	25	25
Chlorobenzene	ND		25.0	24.1		ug/L		97	70 - 130	19	20
Chloroethane	ND		25.0	21.0		ug/L		84	68 - 130	22	25
Chloroform	ND		25.0	20.5	F	ug/L		82	70 - 130	27	20
Chloromethane	ND		25.0	20.0		ug/L		80	39 - 144	19	25
2-Chlorotoluene	ND		25.0	24.4		ug/L		97	70 - 130	17	20
4-Chlorotoluene	ND		25.0	24.2		ug/L		97	70 - 130	17	20
cis-1,2-Dichloroethene	ND		25.0	22.6	F	ug/L		90	70 - 130	27	20
cis-1,3-Dichloropropene	ND		25.0	22.5	F	ug/L		90	70 - 133	24	20
Dibromochloromethane	ND		25.0	23.0		ug/L		92	70 - 148	25	25
1,2-Dibromo-3-Chloropropane	ND		25.0	12.8	F	ug/L		51	48 - 140	48	30
1,2-Dibromoethane (EDB)	ND		25.0	22.0	F	ug/L		88	70 - 131	27	25
Dibromomethane	ND		25.0	22.4	F	ug/L		90	70 - 130	31	25
1,2-Dichlorobenzene	ND		25.0	23.5		ug/L		94	70 - 130	18	20
1,3-Dichlorobenzene	ND		25.0	24.8		ug/L		99	70 - 130	17	20
1,4-Dichlorobenzene	ND		25.0	23.9		ug/L		96	70 - 130	17	20
Dichlorodifluoromethane	ND		25.0	22.0		ug/L		88	25 - 142	10	30
1,1-Dichloroethane	ND		25.0	18.2	F	ug/L		73	65 - 130	27	20
1,2-Dichloroethane	ND		25.0	19.3	F	ug/L		77	56 - 146	29	20
1,1-Dichloroethene	ND		25.0	21.4	F	ug/L		86	70 - 130	25	20
1,2-Dichloropropane	ND		25.0	19.4	F	ug/L		77	69 - 130	25	20
1,3-Dichloropropane	ND		25.0	20.5		ug/L		82	70 - 130	23	25
2,2-Dichloropropane	ND		25.0	24.6		ug/L		98	69 - 138	20	25
1,1-Dichloropropene	ND		25.0	22.7	F	ug/L		91	64 - 130	25	20

QC Sample Results

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-52231-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-52275-B-5 MSD
Matrix: Water
Analysis Batch: 119456

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylbenzene	ND		25.0	24.5		ug/L		98	70 - 130	17	20
Hexachlorobutadiene	ND		25.0	24.1	F	ug/L		97	10 - 150	21	20
Isopropylbenzene	ND		25.0	27.4		ug/L		110	70 - 132	17	20
Methylene Chloride	ND		25.0	16.5	F	ug/L		66	52 - 130	30	20
m,p-Xylene	ND		50.0	50.1		ug/L		100	70 - 133	18	25
Naphthalene	ND		25.0	15.2	F	ug/L		58	60 - 140	34	30
n-Butylbenzene	ND		25.0	23.8		ug/L		95	61 - 149	16	20
N-Propylbenzene	ND		25.0	26.1		ug/L		104	66 - 135	16	20
o-Xylene	ND		25.0	24.0		ug/L		96	70 - 133	18	20
p-Isopropyltoluene	ND		25.0	23.4		ug/L		94	70 - 130	17	20
sec-Butylbenzene	ND		25.0	25.7		ug/L		103	67 - 134	17	20
Styrene	ND		25.0	23.1		ug/L		92	29 - 150	10	30
tert-Butylbenzene	ND		25.0	24.3		ug/L		97	70 - 130	17	20
1,1,1,2-Tetrachloroethane	ND		25.0	26.5		ug/L		106	60 - 149	20	20
1,1,2,2-Tetrachloroethane	ND		25.0	19.4	F	ug/L		78	63 - 130	32	30
Tetrachloroethene	ND		25.0	26.7		ug/L		107	70 - 137	17	20
Toluene	ND		25.0	23.8	F	ug/L		95	70 - 130	25	20
trans-1,2-Dichloroethene	ND		25.0	22.4	F	ug/L		89	70 - 130	25	20
trans-1,3-Dichloropropene	ND		25.0	21.3	F	ug/L		85	70 - 138	28	25
1,2,3-Trichlorobenzene	ND		25.0	21.2	F	ug/L		85	60 - 140	23	20
1,2,4-Trichlorobenzene	ND		25.0	23.6		ug/L		95	60 - 140	18	20
1,1,1-Trichloroethane	ND		25.0	21.3	F	ug/L		85	70 - 130	27	20
1,1,2-Trichloroethane	ND		25.0	20.6	F	ug/L		83	70 - 130	31	25
Trichloroethene	ND		25.0	25.0	F	ug/L		100	70 - 130	25	20
Trichlorofluoromethane	ND		25.0	27.8		ug/L		111	60 - 150	24	25
1,2,3-Trichloropropane	ND		25.0	17.8	F	ug/L		71	60 - 130	31	30
1,2,4-Trimethylbenzene	ND		25.0	25.0		ug/L		100	70 - 130	15	25
1,3,5-Trimethylbenzene	ND		25.0	25.4		ug/L		102	70 - 130	18	20
Vinyl chloride	ND		25.0	21.9		ug/L		88	50 - 137	18	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*
Dibromofluoromethane (Surr)	*94*		*80 - 120*
Toluene-d8 (Surr)	*101*		*80 - 120*

QC Association Summary

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-52231-1

GC/MS VOA

Analysis Batch: 119456

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-52231-1	TB-071913	Total/NA	Water	8260B	
440-52231-2	EB-12-HP-45.3	Total/NA	Water	8260B	
440-52275-A-5 MS	Matrix Spike	Total/NA	Water	8260B	
440-52275-B-5 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	
LCS 440-119456/5	Lab Control Sample	Total/NA	Water	8260B	
MB 440-119456/4	Method Blank	Total/NA	Water	8260B	

Definitions/Glossary

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-52231-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F	RPD of the MS and MSD exceeds the control limits
F	MS or MSD exceeds the control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Certification Summary

Client: ENVIRON International Corp.
Project/Site: AEA Costa Mesa, 05-31819A

TestAmerica Job ID: 440-52231-1

Laboratory: TestAmerica Irvine

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alaska	State Program	10	CA01531	06-30-14
Arizona	State Program	9	AZ0671	10-13-13
California	LA Cty Sanitation Districts	9	10256	01-31-14
California	NELAP	9	1108CA	01-31-14
California	State Program	9	2706	06-30-14
Guam	State Program	9	Cert. No. 12.002r	01-28-14 *
Hawaii	State Program	9	N/A	01-31-14
Nevada	State Program	9	CA015312007A	07-31-13
New Mexico	State Program	6	N/A	01-31-14
Northern Mariana Islands	State Program	9	MP0002	01-31-14
Oregon	NELAP	10	4005	09-12-13
USDA	Federal		P330-09-00080	06-06-14
USEPA UCMR	Federal	1	CA01531	01-31-15

* Expired certification is currently pending renewal and is considered valid.

ENVIRON

18100 Von Karman Ave., Ste 600
Irvine, CA 92612
(949) 261-5151
(949) 261-5202 (fax)

707 Wilshire Blvd., Suite 4950
Los Angeles, Calif. 90017
(213) 943-6300
(213) 943-6301 (fax)

CHAIN-of-CUSTODY № 07000

PAGE 1 of 1

MSA#: _____ WO#: 440-52231

PROJECT NAME / FACILITY ID: AEA-Costa Mesa

FIELD PERSON: Brian Bauer

PROJECT NUMBER: 05-3181 9A DATE: 7/19/13

PROJECT MANAGER: Jeff R.

PROJECT LOCATION: Costa Mesa, Ca.

LABORATORY: Test America

IS THIS A UST PROJECT OR IS EDF REQUIRED? Y (N) IF YES, GLOBAL ID #: _____

440-52231 Chain of Custody

SAMPLER: Brian Bauer

SIGNATURE:

SAMPLE I.D. NUMBER	YEAR 2013 SAMPLE DATE	SAMPLE TIME	SAMPLE DEPTH	AIR SAMPLE VOLUME (L)	MATRIX (A) AIR (S) SOIL (G) GAS (W) WATER	NUMBER OF CONTAINERS	FILTERED/UNFILTERED (F/U)	PRESERVATION (SEE KEY)	ANALYSIS REQUIRED 8260B VOCs	COMMENTS
TB-071913	7/19	0830	—	—	W	2	U	HCL	X	
EB-12-HP-45.3	↓	1140	45.3	—	W	3	U	HCL	X	
TOTAL	X	X	X							

SGW 07/19/13

RELINQUISHED BY: _____ TIME/DATE: 1406 / 7/19/13

RELINQUISHED BY: _____ TIME/DATE: _____

RELINQUISHED BY: _____ TIME/DATE: _____

RECEIVED BY: _____ TIME/DATE: _____

(COMPANY): _____

RECEIVED BY: _____ TIME/DATE: _____

(COMPANY): _____

RECEIVED BY: _____ TIME/DATE: 1406 7/19/13

(COMPANY): _____

TURNAROUND TIME (CIRCLE ONE): SAMEDAY, 24 HOURS, 48 HOURS, 72 HOURS, 5 DAYS, (NORMAL)

SAMPLE INTEGRITY — INTACT: (Y) N Temp 4.9°

IF SEALED, SEAL INTEGRITY — INTACT: (Y) N

H = HCL; N = HNO3; S = H SO ; U = UNKNOWN; NO = NONE; O = OTHER

FILE: LOC FORMS\Chain_of_Custody

Login Sample Receipt Checklist

Client: ENVIRON International Corp.

Job Number: 440-52231-1

Login Number: 52231
List Number: 1
Creator: Perez, Angel

List Source: TestAmerica Irvine

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	Brian Bauer
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

PTS – Physical Properties Test Results

PA2014-110

PTS Laboratories, Inc.

8100 Secura Way • Santa Fe Springs, CA 90670
Telephone (562) 347-2500 • Fax (562) 907-3610

August 14, 2013

Jeff Raumin
ENVIRON
18100 Von Karman Ave., Suite 600
Irvine, CA 92612

Re: PTS File No: 43460
Physical Properties Data
AEA - Costa Mesa; 05-31819A

Dear Mr. Raumin:

Please find enclosed report for Physical Properties analyses conducted upon samples received from your AEA - Costa Mesa; 05-31819A project. All analyses were performed by applicable ASTM, EPA, or API methodologies. An electronic version of the report has previously been sent to your attention via the internet. The samples are currently in storage and will be retained for thirty days past completion of testing at no charge. Please note that the samples will be disposed of at that time. You may contact me regarding storage, disposal, or return of the samples.

PTS Laboratories appreciates the opportunity to be of service. If you have any questions or require additional information, please contact Rachel Spitz at (562) 347-2504.

Sincerely,
PTS Laboratories

for Rachel Spitz

Michael Mark Brady, P.G.
District Manager

Encl.

PA2014-110

PTS Laboratories

Project Name: AEA - Costa Mesa
Project Number: 05-31819A

PTS File No: 43460
Client: ENVIRON

TEST PROGRAM - 20130718

CORE ID	Depth ft.	Core Recovery ft.	Grain Size Analysis	TOC/foc Walkley-Black	Atterberg Limits ASTM D4318	Total/Air/Water Porosity API RP 40	Moisture Content ASTM D2216/API RP40	Dry Bulk Density API RP40	Notes
		Plugs:	Grab	Grab	Grab	Vert. 1.5"	Vert. 1.5"	Vert. 1.5"	
Date Received: 20130718									
EB-4-5	5	0.50	X	X	X	X	X	X	
EB-4-10	10	0.50	X	X	X	X	X	X	
EB-6-5	5	0.45	X	X	X	X	X	X	
EB-6-10	10	0.40	X	X	X	X	X	X	
EB-9-5	5	0.50	X	X	X	X	X	X	
EB-9-10	10	0.55	X	X	X	X	X	X	
EB-9-40	40	0.45	X	X	X	X	X	X	
EB-3-10	10	0.50	X	X	X	X	X	X	
EB-3-40	40	0.45	X	X	X	X	X	X	
EB-3-5	5	0.50	X	X	X	X	X	X	
TOTALS:	10 cores	4.80	10	10	10	10	10	10	10

Laboratory Test Program Notes

Contaminant identification: _____

Standard TAT for basic analysis is 10 business days.

Call J. Raumin to confirm analysis required BEFORE running samples, per COC request 20130718.

PTS Laboratories

PTS File No: 43460
Client: ENVIRON

PHYSICAL PROPERTIES DATA

PROJECT NAME: AEA - Costa Mesa
PROJECT NO: 05-31819A

			METHODS:	API RP 40 / ASTM D2216	API RP 40	API RP 40		
SAMPLE ID.	DEPTH, ft.	SAMPLE ORIENTATION (1)	ANALYSIS DATE	MOISTURE CONTENT, % weight	DRY BULK DENSITY, g/cc	POROSITY, %Vb (2)		
						TOTAL	AIR-FILLED	WATER-FILLED
EB-4-5	4.7	V	20130802	14.5	1.67	36.2	12.0	66.9
EB-4-10	9.8	V	20130802	8.5	1.34	48.6	37.2	23.5
EB-6-5	4.8	V	20130802	11.5	1.85	30.6	9.3	69.7
EB-6-10	10	V	20130802	19.2	1.55	42.0	12.3	70.6
EB-9-5	4.1	V	20130802	16.7	1.68	36.9	8.7	76.2
EB-9-10	9.4	V	20130802	16.6	1.64	38.5	11.2	70.8
EB-9-40	39.9	V	20130802	4.1	1.47	44.1	38.2	13.5
EB-3-10	10.3	V	20130802	38.0	1.16	56.8	12.7	77.5
EB-3-40	39.8	V	20130802	8.4	1.29	50.9	40.1	21.3
EB-3-5	4.8	V	20130802	20.0	1.58	40.9	9.3	77.2

(1) Sample Orientation: H = horizontal; V = vertical; R = remold (2) Total Porosity = no pore fluids in place; all interconnected pore channels; Air Filled = pore channels not occupied by pore fluids; Vb = Bulk Volume, cc

PTS Laboratories

PTS File No: 43460
Client: ENVIRON

ORGANIC CARBON DATA - TOC (foc)

(METHODOLOGY: WALKLEY-BLACK)

PROJECT NAME: AEA - Costa Mesa
PROJECT NO: 05-31819A

SAMPLE ID.	DEPTH, ft.	ANALYSIS DATE	ANALYSIS TIME	SAMPLE MATRIX	TOTAL ORGANIC CARBON, mg/kg	FRACTION ORGANIC CARBON, g/g
EB-4-5	4.9	20130807	1100	SOIL	440	4.40E-04
EB-4-10	9.9	20130807	1100	SOIL	170	1.70E-04
EB-6-5	4.9	20130807	1100	SOIL	250	2.50E-04
EB-6-10	10	20130807	1100	SOIL	300	3.00E-04
EB-9-5	4.1	20130807	1100	SOIL	1700	1.70E-03
EB-9-10	9.3	20130807	1100	SOIL	180	1.80E-04
EB-9-40	39.8	20130807	1100	SOIL	<100	<1.00E-04
EB-3-10	10.1	20130807	1100	SOIL	170	1.70E-04
EB-3-40	39.8	20130807	1100	SOIL	140	1.40E-04
EB-3-5	4.9	20130807	1100	SOIL	600	6.00E-04
Blank	N/A	20130807	1100	BLANK	ND	ND
SRM D079-542	N/A	20130807	1100	SRM	3410	3.41E-03
				Reporting Limit:	100	1.00E-04

QC DATA

SRM ID/Lot No.	REC (%)	Control Limits	Certified Concentration mg/kg	QC Performance Acceptance Limits, mg/kg Lower	Upper
SRM D079-542	100	75-125	3400	2550	4250

ND = Not Detected

PTS Laboratories

PTS File No: 43460
Client: ENVIRON

ATTERBERG LIMITS DATA - FINE FRACTION < No. 40 SIEVE

(METHODOLOGY: ASTM D4318)

PROJECT NAME: AEA - Costa Mesa
PROJECT NO: 05-31819A

SAMPLE ID.	DEPTH, ft.	ATTERBERG LIMITS			USCS / PLASTICITY CHART SYMBOL (Fines: <#40 Sieve)
		LIQUID LIMIT	PLASTIC LIMIT	PLASTICITY INDEX	
EB-4-5	4.5	45.3	15.4	29.9	CL
EB-4-10	9.6	29.0	20.2	8.8	CL
EB-6-5	4.5	30.9	14.3	16.6	CL
EB-6-10	10	19.3	17.2	2.1	ML
EB-9-5	3.8	32.2	13.7	18.5	CL
EB-9-10	8.9	32.3	15.3	17.0	CL
EB-9-40	39.6	16.4	Non-Plastic		NP
EB-3-10	10	41.4	28.3	13.1	ML
EB-3-40	36.6	23.1	Non-Plastic		NP
EB-3-5	4.3	42.9	15.9	27.0	CL

USCS: Unified Soil Classification System

PTS Laboratories, Inc.

ENVIRON
PTS File No: 43460

PARTICLE SIZE SUMMARY

(METHODOLOGY: ASTM D422/D4464M)

PROJECT NAME: AEA - Costa Mesa
PROJECT NO: 05-31819A

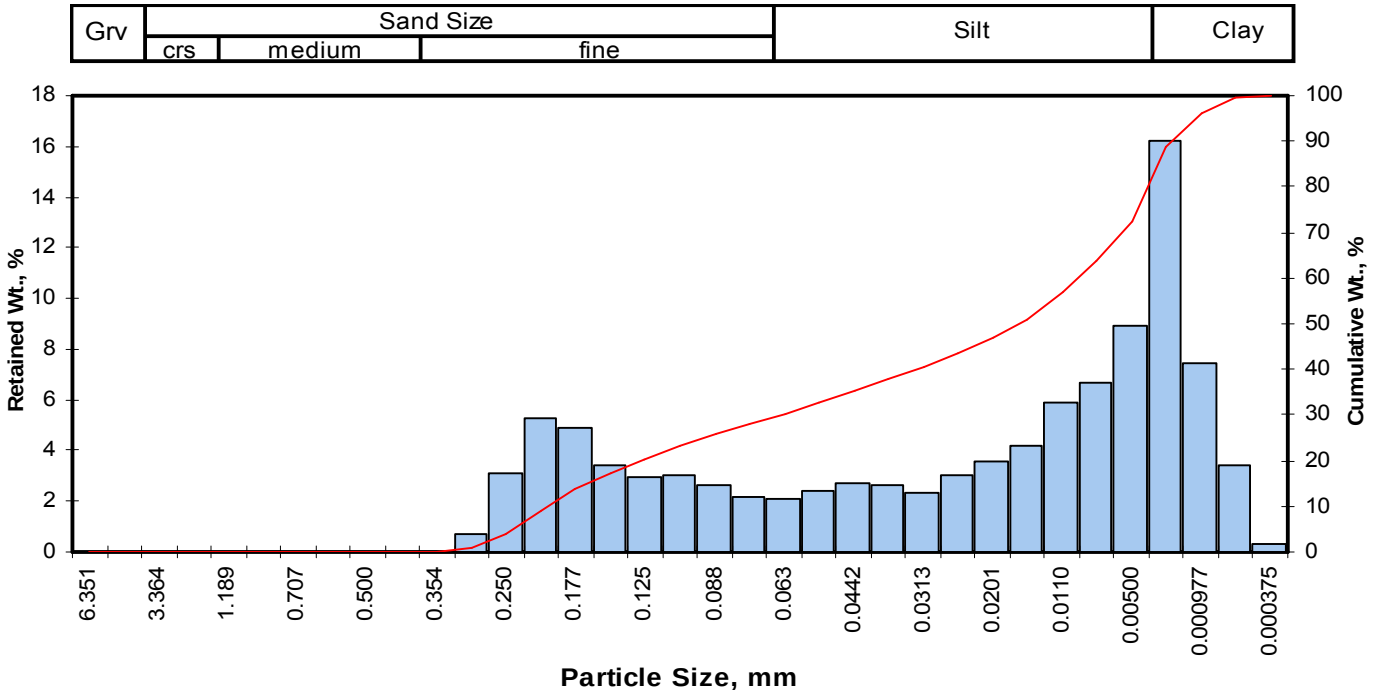
Sample ID	Depth, ft.	Mean Grain Size Description (1)	Median Grain Size mm	Particle Size Distribution, wt. percent						Silt & Clay
				Gravel	Sand Size			Silt	Clay	
					Coarse	Medium	Fine			
EB-4-5	4.7	Silt	0.017	0.00	0.00	0.00	28.05	44.54	27.41	71.95
EB-4-10	9.8	Fine sand	0.098	0.00	0.00	3.31	57.66	33.58	5.46	39.03
EB-6-5	4.6	Fine sand	0.076	0.00	0.00	14.08	36.19	35.89	13.84	49.73
EB-6-10	10.0	Fine sand	0.133	0.00	0.00	16.12	45.04	31.23	7.61	38.84
EB-9-5	4.0	Silt	0.025	0.00	0.00	0.00	21.57	55.25	23.18	78.43
EB-9-10	9.1	Fine sand	0.147	0.00	0.00	29.22	30.45	30.39	9.95	40.34
EB-9-40	39.7	Medium sand	0.568	0.00	0.00	63.67	27.55	7.38	1.41	8.78
EB-3-10	10.0	Silt	0.018	0.00	0.00	0.00	6.25	77.13	16.61	93.75
EB-3-40	39.7	Fine sand	0.212	0.00	0.00	16.26	61.64	19.00	3.09	22.09
EB-3-5	4.5	Fine sand	0.034	0.00	0.00	11.86	28.63	38.19	21.32	59.50

(1) Based on Mean from Trask

PTS Laboratories, Inc.

Particle Size Analysis - ASTM D4464M

Client:	ENVIRON	**PTS File No:**	43460
Project:	AEA - Costa Mesa	**Sample ID:**	EB-4-5
Project No:	05-31819A	**Depth, ft:**	4.7



Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.00	0.00	0.00
0.0331	0.841	0.25	20	0.00	0.00	0.00
0.0278	0.707	0.50	25	0.00	0.00	0.00
0.0234	0.595	0.75	30	0.00	0.00	0.00
0.0197	0.500	1.00	35	0.00	0.00	0.00
0.0166	0.420	1.25	40	0.00	0.00	0.00
0.0139	0.354	1.50	45	0.01	0.01	0.01
0.0117	0.297	1.75	50	0.70	0.70	0.71
0.0098	0.250	2.00	60	3.09	3.09	3.81
0.0083	0.210	2.25	70	5.28	5.28	9.09
0.0070	0.177	2.50	80	4.86	4.86	13.95
0.0059	0.149	2.75	100	3.38	3.38	17.33
0.0049	0.125	3.00	120	2.97	2.97	20.30
0.0041	0.105	3.25	140	2.99	2.99	23.29
0.0035	0.088	3.50	170	2.61	2.61	25.91
0.0029	0.074	3.75	200	2.14	2.14	28.05
0.0025	0.063	4.00	230	2.09	2.09	30.14
0.0021	0.053	4.25	270	2.44	2.44	32.58
0.00174	0.0442	4.50	325	2.75	2.75	35.33
0.00146	0.0372	4.75	400	2.62	2.62	37.95
0.00123	0.0313	5.00	450	2.36	2.36	40.31
0.000986	0.0250	5.32	500	3.04	3.04	43.35
0.000790	0.0201	5.64	635	3.56	3.56	46.92
0.000615	0.0156	6.00		4.15	4.15	51.07
0.000435	0.0110	6.50		5.92	5.92	56.99
0.000308	0.00781	7.00		6.68	6.68	63.67
0.000197	0.00500	7.65		8.91	8.91	72.59
0.000077	0.00195	9.00		16.20	16.21	88.79
0.000038	0.000977	10.00		7.45	7.45	96.25
0.000019	0.000488	11.00		3.42	3.42	99.67
0.000015	0.000375	11.38		0.33	0.33	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than

Weight percent	Phi Value	Particle Size Inches	Particle Size Millimeters
5	2.06	0.0095	0.240
10	2.30	0.0080	0.204
16	2.65	0.0063	0.159
25	3.41	0.0037	0.094
40	4.97	0.0013	0.032
50	5.91	0.0007	0.017
60	6.73	0.0004	0.009
75	7.85	0.0002	0.004
84	8.60	0.0001	0.003
90	9.16	0.0001	0.002
95	9.83	0.0000	0.001

Measure	Trask	Inman	Folk-Ward
Median, phi	5.91	5.91	5.91
Median, in.	0.0007	0.0007	0.0007
Median, mm	0.017	0.017	0.017
Mean, phi	4.35	5.63	5.72
Mean, in.	0.0019	0.0008	0.0007
Mean, mm	0.049	0.020	0.019
Sorting	4.648	2.974	2.665
Skewness	1.212	-0.095	-0.043
Kurtosis	0.222	0.307	0.719

Grain Size Description (ASTM-USCS Scale)	Silt (based on Mean from Trask)

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	0.00
Fine Sand	200	28.05
Silt	>0.005 mm	44.54
Clay	<0.005 mm	27.41
	Total	**100**

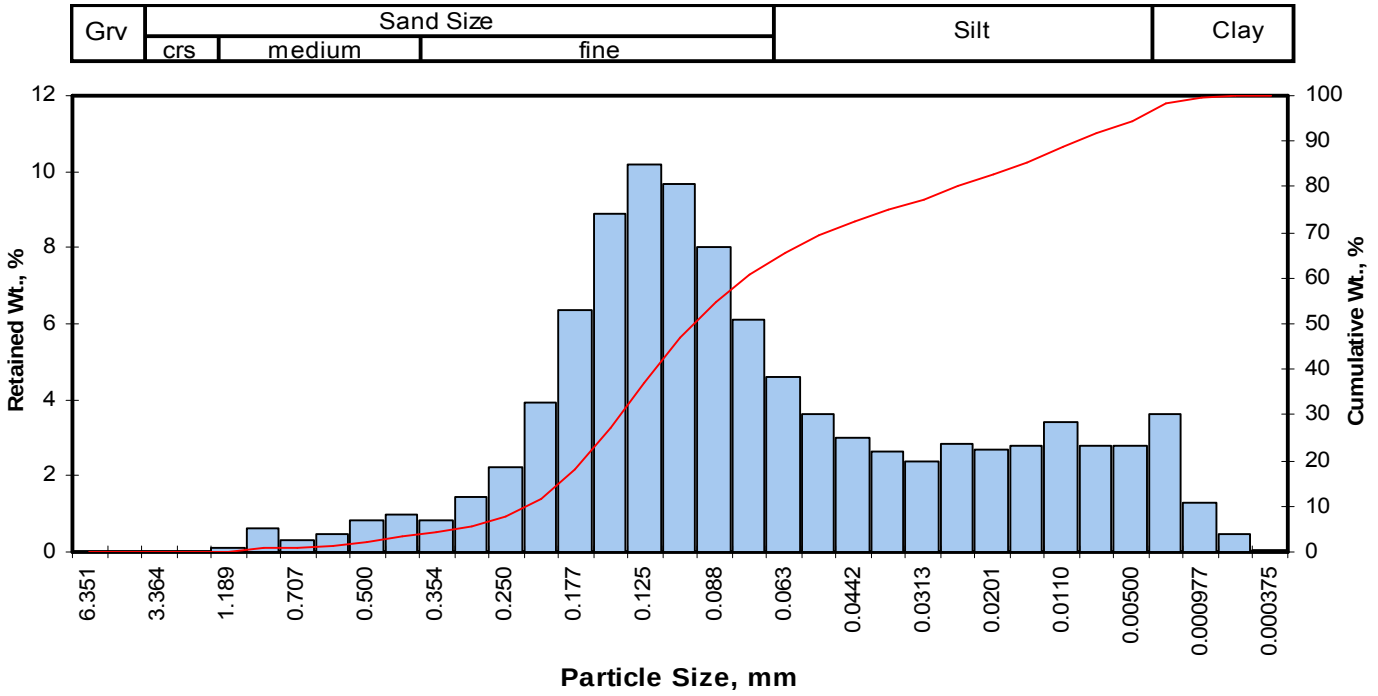
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Particle Size Analysis - ASTM D4464M

Client: ENVIRON
Project: AEA - Costa Mesa
Project No: 05-31819A

PTS File No: 43460
Sample ID: EB-4-10
Depth, ft: 9.8



Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.08	0.08	0.08
0.0331	0.841	0.25	20	0.64	0.64	0.72
0.0278	0.707	0.50	25	0.30	0.30	1.02
0.0234	0.595	0.75	30	0.47	0.47	1.49
0.0197	0.500	1.00	35	0.83	0.83	2.32
0.0166	0.420	1.25	40	0.99	0.99	3.31
0.0139	0.354	1.50	45	0.83	0.83	4.14
0.0117	0.297	1.75	50	1.46	1.46	5.60
0.0098	0.250	2.00	60	2.22	2.22	7.82
0.0083	0.210	2.25	70	3.95	3.95	11.76
0.0070	0.177	2.50	80	6.35	6.35	18.11
0.0059	0.149	2.75	100	8.90	8.89	27.00
0.0049	0.125	3.00	120	10.20	10.19	37.19
0.0041	0.105	3.25	140	9.67	9.66	46.86
0.0035	0.088	3.50	170	8.00	7.99	54.85
0.0029	0.074	3.75	200	6.12	6.12	60.97
0.0025	0.063	4.00	230	4.62	4.62	65.58
0.0021	0.053	4.25	270	3.62	3.62	69.20
0.00174	0.0442	4.50	325	3.01	3.01	72.21
0.00146	0.0372	4.75	400	2.63	2.63	74.84
0.00123	0.0313	5.00	450	2.39	2.39	77.23
0.000986	0.0250	5.32	500	2.84	2.84	80.06
0.000790	0.0201	5.64	635	2.68	2.68	82.74
0.000615	0.0156	6.00		2.77	2.77	85.51
0.000435	0.0110	6.50		3.40	3.40	88.91
0.000308	0.00781	7.00		2.82	2.82	91.73
0.000197	0.00500	7.65		2.82	2.82	94.54
0.000077	0.00195	9.00		3.64	3.64	98.18
0.000038	0.000977	10.00		1.30	1.30	99.48
0.000019	0.000488	11.00		0.48	0.48	99.96
0.000015	0.000375	11.38		0.04	0.04	100.00
TOTALS				**100.10**	**100.00**	**100.00**

Cumulative Weight Percent greater than

Weight percent	Phi Value	Particle Size Inches	Particle Size Millimeters
5	1.65	0.0126	0.319
10	2.14	0.0089	0.227
16	2.42	0.0074	0.187
25	2.69	0.0061	0.155
40	3.07	0.0047	0.119
50	3.35	0.0039	0.098
60	3.71	0.0030	0.076
75	4.77	0.0014	0.037
84	5.80	0.0007	0.018
90	6.69	0.0004	0.010
95	7.82	0.0002	0.004

Measure	Trask	Inman	Folk-Ward
Median, phi	3.35	3.35	3.35
Median, in.	0.0039	0.0039	0.0039
Median, mm	0.098	0.098	0.098
Mean, phi	3.39	4.11	3.86
Mean, in.	0.0038	0.0023	0.0027
Mean, mm	0.096	0.058	0.069
Sorting	2.051	1.693	1.781
Skewness	0.767	0.450	0.449
Kurtosis	0.271	0.821	1.219

Grain Size Description (ASTM-USCS Scale): Fine sand (based on Mean from Trask)

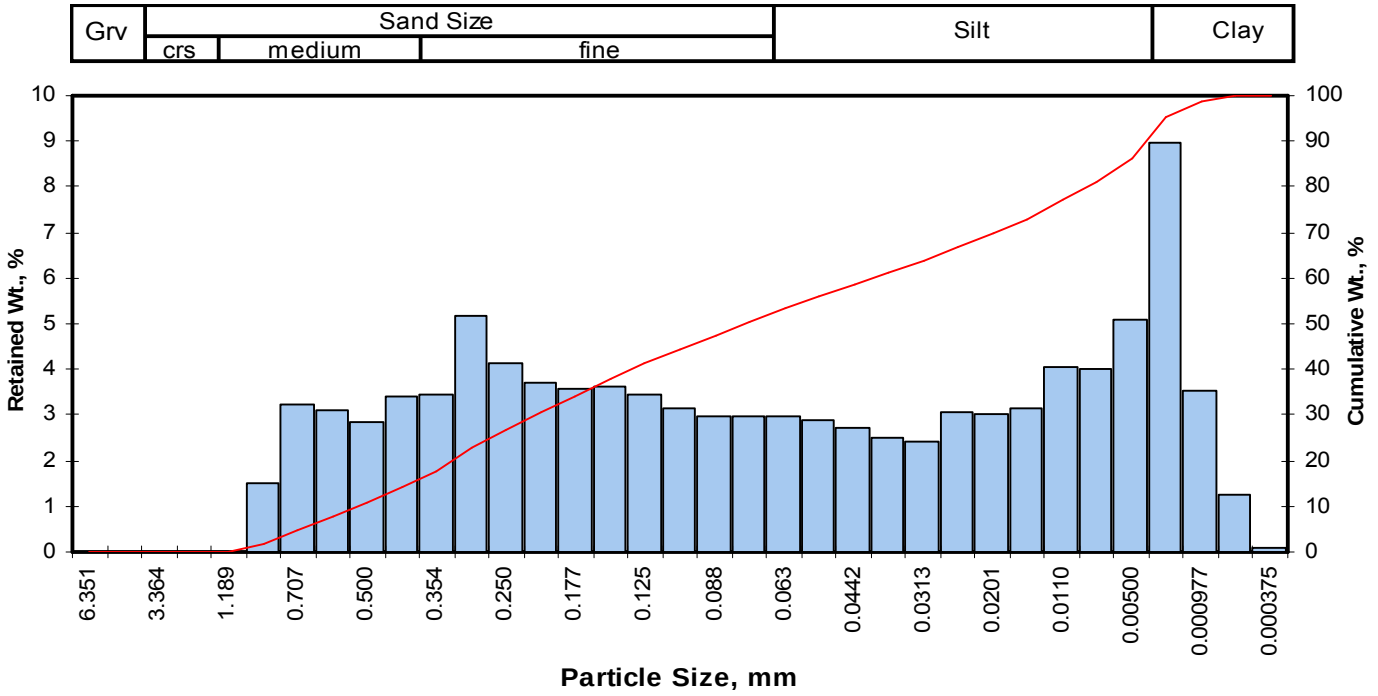
Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	3.31
Fine Sand	200	57.66
Silt	>0.005 mm	33.58
Clay	<0.005 mm	5.46
	Total	**100**

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Particle Size Analysis - ASTM D4464M

Client:	ENVIRON	**PTS File No:**	43460
Project:	AEA - Costa Mesa	**Sample ID:**	EB-6-5
Project No:	05-31819A	**Depth, ft:**	4.6



Opening Inches	Opening Millimeters	Phi of Screen	U.S. No.	Sample Weight, grams	Increment Weight, percent	Cumulative Weight, percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.00	0.00	0.00
0.0331	0.841	0.25	20	1.51	1.51	1.51
0.0278	0.707	0.50	25	3.22	3.22	4.73
0.0234	0.595	0.75	30	3.12	3.12	7.85
0.0197	0.500	1.00	35	2.84	2.84	10.69
0.0166	0.420	1.25	40	3.39	3.39	14.08
0.0139	0.354	1.50	45	3.45	3.45	17.53
0.0117	0.297	1.75	50	5.17	5.17	22.70
0.0098	0.250	2.00	60	4.12	4.12	26.82
0.0083	0.210	2.25	70	3.72	3.72	30.54
0.0070	0.177	2.50	80	3.58	3.58	34.12
0.0059	0.149	2.75	100	3.61	3.61	37.73
0.0049	0.125	3.00	120	3.45	3.45	41.18
0.0041	0.105	3.25	140	3.15	3.15	44.33
0.0035	0.088	3.50	170	2.97	2.97	47.30
0.0029	0.074	3.75	200	2.97	2.97	50.27
0.0025	0.063	4.00	230	2.98	2.98	53.25
0.0021	0.053	4.25	270	2.87	2.87	56.12
0.00174	0.0442	4.50	325	2.70	2.70	58.82
0.00146	0.0372	4.75	400	2.52	2.52	61.34
0.00123	0.0313	5.00	450	2.42	2.42	63.76
0.000986	0.0250	5.32	500	3.05	3.05	66.81
0.000790	0.0201	5.64	635	3.03	3.03	69.84
0.000615	0.0156	6.00		3.16	3.16	73.00
0.000435	0.0110	6.50		4.05	4.05	77.05
0.000308	0.00781	7.00		4.02	4.02	81.07
0.000197	0.00500	7.65		5.09	5.09	86.16
0.000077	0.00195	9.00		8.97	8.97	95.13
0.000038	0.000977	10.00		3.54	3.54	98.67
0.000019	0.000488	11.00		1.23	1.23	99.90
0.000015	0.000375	11.38		0.10	0.10	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than

Weight percent	Phi Value	Particle Size Inches	Particle Size Millimeters
5	0.52	0.0274	0.697
10	0.94	0.0205	0.522
16	1.39	0.0150	0.382
25	1.89	0.0106	0.270
40	2.91	0.0052	0.133
50	3.73	0.0030	0.076
60	4.62	0.0016	0.041
75	6.25	0.0005	0.013
84	7.37	0.0002	0.006
90	8.23	0.0001	0.003
95	8.98	0.0001	0.002

Measure	Trask	Inman	Folk-Ward
Median, phi	3.73	3.73	3.73
Median, in.	0.0030	0.0030	0.0030
Median, mm	0.076	0.076	0.076
Mean, phi	2.82	4.38	4.16
Mean, in.	0.0056	0.0019	0.0022
Mean, mm	0.142	0.048	0.056
Sorting	4.527	2.991	2.777
Skewness	0.790	0.218	0.230
Kurtosis	0.248	0.414	0.796

Grain Size Description (ASTM-USCS Scale)	Fine sand (based on Mean from Trask)

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	14.08
Fine Sand	200	36.19
Silt	>0.005 mm	35.89
Clay	<0.005 mm	13.84
	Total	**100**

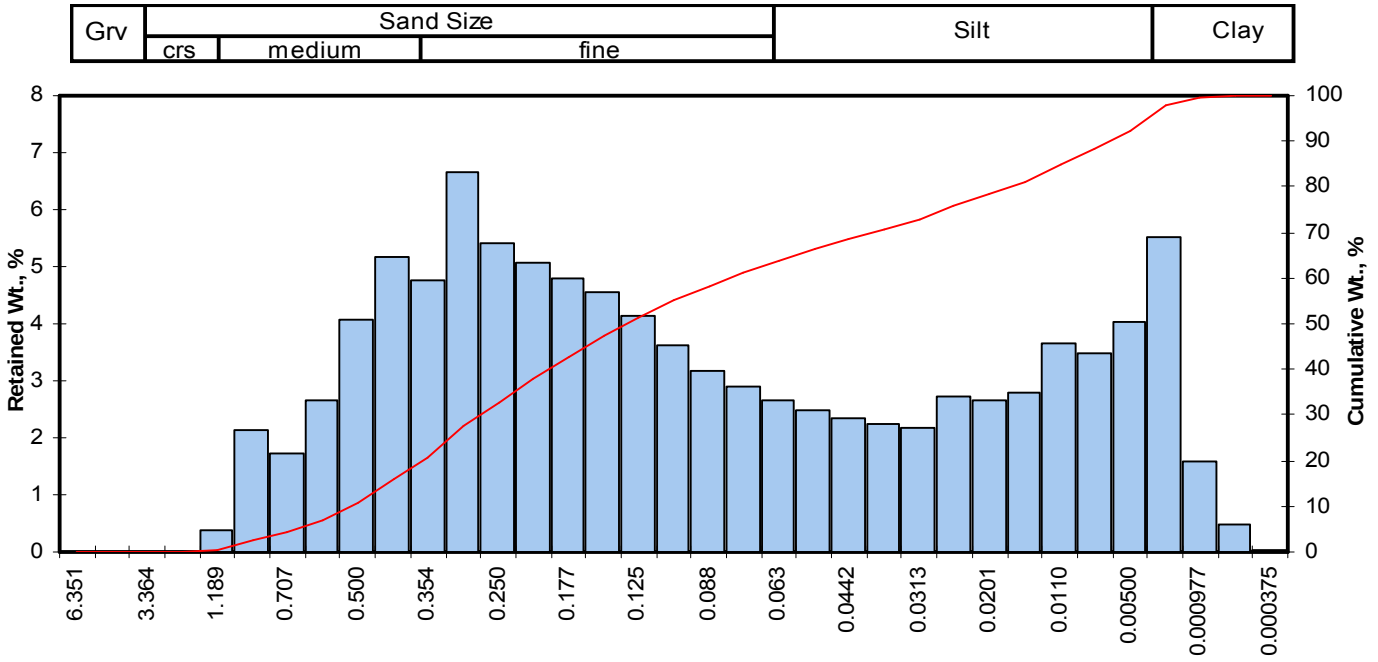
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Particle Size Analysis - ASTM D4464M

Client: ENVIRON
Project: AEA - Costa Mesa
Project No: 05-31819A

PTS File No: 43460
Sample ID: EB-6-10
Depth, ft: 10.0



Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.37	0.37	0.37
0.0331	0.841	0.25	20	2.13	2.13	2.50
0.0278	0.707	0.50	25	1.71	1.71	4.21
0.0234	0.595	0.75	30	2.67	2.67	6.88
0.0197	0.500	1.00	35	4.07	4.07	10.95
0.0166	0.420	1.25	40	5.17	5.17	16.12
0.0139	0.354	1.50	45	4.76	4.76	20.88
0.0117	0.297	1.75	50	6.67	6.67	27.55
0.0098	0.250	2.00	60	5.42	5.42	32.97
0.0083	0.210	2.25	70	5.06	5.06	38.03
0.0070	0.177	2.50	80	4.78	4.78	42.81
0.0059	0.149	2.75	100	4.54	4.54	47.35
0.0049	0.125	3.00	120	4.13	4.13	51.48
0.0041	0.105	3.25	140	3.62	3.62	55.10
0.0035	0.088	3.50	170	3.18	3.18	58.28
0.0029	0.074	3.75	200	2.88	2.88	61.16
0.0025	0.063	4.00	230	2.66	2.66	63.82
0.0021	0.053	4.25	270	2.47	2.47	66.29
0.00174	0.0442	4.50	325	2.34	2.34	68.63
0.00146	0.0372	4.75	400	2.24	2.24	70.87
0.00123	0.0313	5.00	450	2.18	2.18	73.05
0.000986	0.0250	5.32	500	2.73	2.73	75.78
0.000790	0.0201	5.64	635	2.67	2.67	78.45
0.000615	0.0156	6.00		2.79	2.79	81.24
0.000435	0.0110	6.50		3.65	3.65	84.89
0.000308	0.00781	7.00		3.48	3.48	88.37
0.000197	0.00500	7.65		4.02	4.02	92.39
0.000077	0.00195	9.00		5.51	5.51	97.90
0.000038	0.000977	10.00		1.58	1.58	99.48
0.000019	0.000488	11.00		0.48	0.48	99.96
0.000015	0.000375	11.38		0.04	0.04	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than

Weight percent	Phi Value	Particle Size Inches	Particle Size Millimeters
5	0.57	0.0264	0.672
10	0.94	0.0205	0.521
16	1.24	0.0166	0.422
25	1.65	0.0125	0.318
40	2.35	0.0077	0.196
50	2.91	0.0052	0.133
60	3.65	0.0031	0.080
75	5.23	0.0011	0.027
84	6.38	0.0005	0.012
90	7.26	0.0003	0.007
95	8.29	0.0001	0.003

Measure	Trask	Inman	Folk-Ward
Median, phi	2.91	2.91	2.91
Median, in.	0.0052	0.0052	0.0052
Median, mm	0.133	0.133	0.133
Mean, phi	2.54	3.81	3.51
Mean, in.	0.0068	0.0028	0.0035
Mean, mm	0.172	0.071	0.088
Sorting	3.451	2.567	2.452
Skewness	0.692	0.351	0.373
Kurtosis	0.283	0.502	0.884

Grain Size Description (ASTM-USCS Scale)	Fine sand (based on Mean from Trask)

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	16.12
Fine Sand	200	45.04
Silt	>0.005 mm	31.23
Clay	<0.005 mm	7.61
	Total	**100**

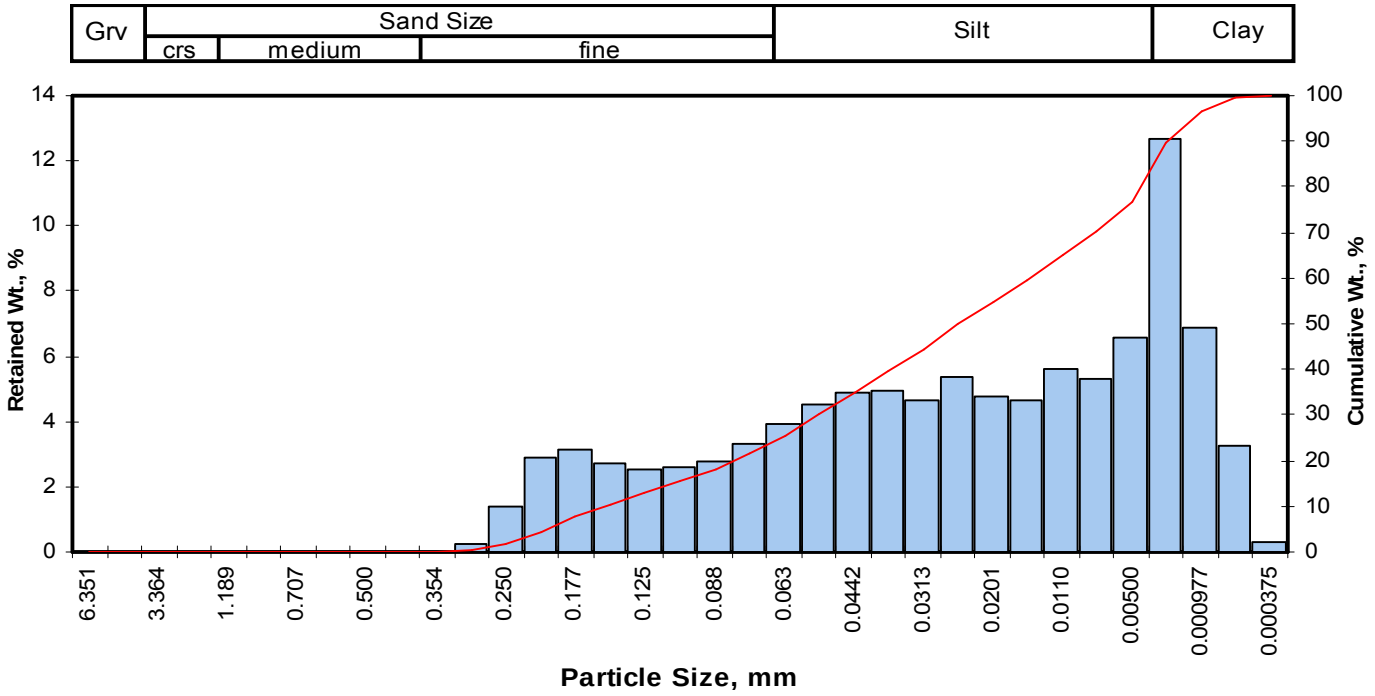
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Particle Size Analysis - ASTM D4464M

Client: ENVIRON
Project: AEA - Costa Mesa
Project No: 05-31819A

PTS File No: 43460
Sample ID: EB-9-5
Depth, ft: 4.0



Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.00	0.00	0.00
0.0331	0.841	0.25	20	0.00	0.00	0.00
0.0278	0.707	0.50	25	0.00	0.00	0.00
0.0234	0.595	0.75	30	0.00	0.00	0.00
0.0197	0.500	1.00	35	0.00	0.00	0.00
0.0166	0.420	1.25	40	0.00	0.00	0.00
0.0139	0.354	1.50	45	0.00	0.00	0.00
0.0117	0.297	1.75	50	0.23	0.23	0.23
0.0098	0.250	2.00	60	1.41	1.41	1.64
0.0083	0.210	2.25	70	2.87	2.87	4.51
0.0070	0.177	2.50	80	3.13	3.13	7.64
0.0059	0.149	2.75	100	2.71	2.71	10.35
0.0049	0.125	3.00	120	2.53	2.53	12.88
0.0041	0.105	3.25	140	2.58	2.58	15.46
0.0035	0.088	3.50	170	2.80	2.80	18.27
0.0029	0.074	3.75	200	3.30	3.30	21.57
0.0025	0.063	4.00	230	3.95	3.95	25.52
0.0021	0.053	4.25	270	4.51	4.51	30.03
0.00174	0.0442	4.50	325	4.90	4.90	34.93
0.00146	0.0372	4.75	400	4.92	4.92	39.85
0.00123	0.0313	5.00	450	4.66	4.66	44.51
0.000986	0.0250	5.32	500	5.37	5.37	49.88
0.000790	0.0201	5.64	635	4.79	4.79	54.67
0.000615	0.0156	6.00		4.67	4.67	59.34
0.000435	0.0110	6.50		5.60	5.60	64.94
0.000308	0.00781	7.00		5.30	5.30	70.24
0.000197	0.00500	7.65		6.57	6.57	76.82
0.000077	0.00195	9.00		12.70	12.70	89.52
0.000038	0.000977	10.00		6.89	6.89	96.41
0.000019	0.000488	11.00		3.28	3.28	99.69
0.000015	0.000375	11.38		0.31	0.31	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than			
Weight	Phi	Particle Size	
percent	Value	Inches	Millimeters
5	2.29	0.0081	0.205
10	2.72	0.0060	0.152
16	3.30	0.0040	0.102
25	3.97	0.0025	0.064
40	4.76	0.0015	0.037
50	5.33	0.0010	0.025
60	6.06	0.0006	0.015
75	7.47	0.0002	0.006
84	8.41	0.0001	0.003
90	9.07	0.0001	0.002
95	9.80	0.0000	0.001

Measure	Trask	Inman	Folk-Ward
Median, phi	5.33	5.33	5.33
Median, in.	0.0010	0.0010	0.0010
Median, mm	0.025	0.025	0.025
Mean, phi	4.85	5.85	5.68
Mean, in.	0.0014	0.0007	0.0008
Mean, mm	0.035	0.017	0.020
Sorting	3.363	2.557	2.416
Skewness	0.764	0.206	0.198
Kurtosis	0.194	0.468	0.879

Grain Size Description (ASTM-USCS Scale)	Silt (based on Mean from Trask)

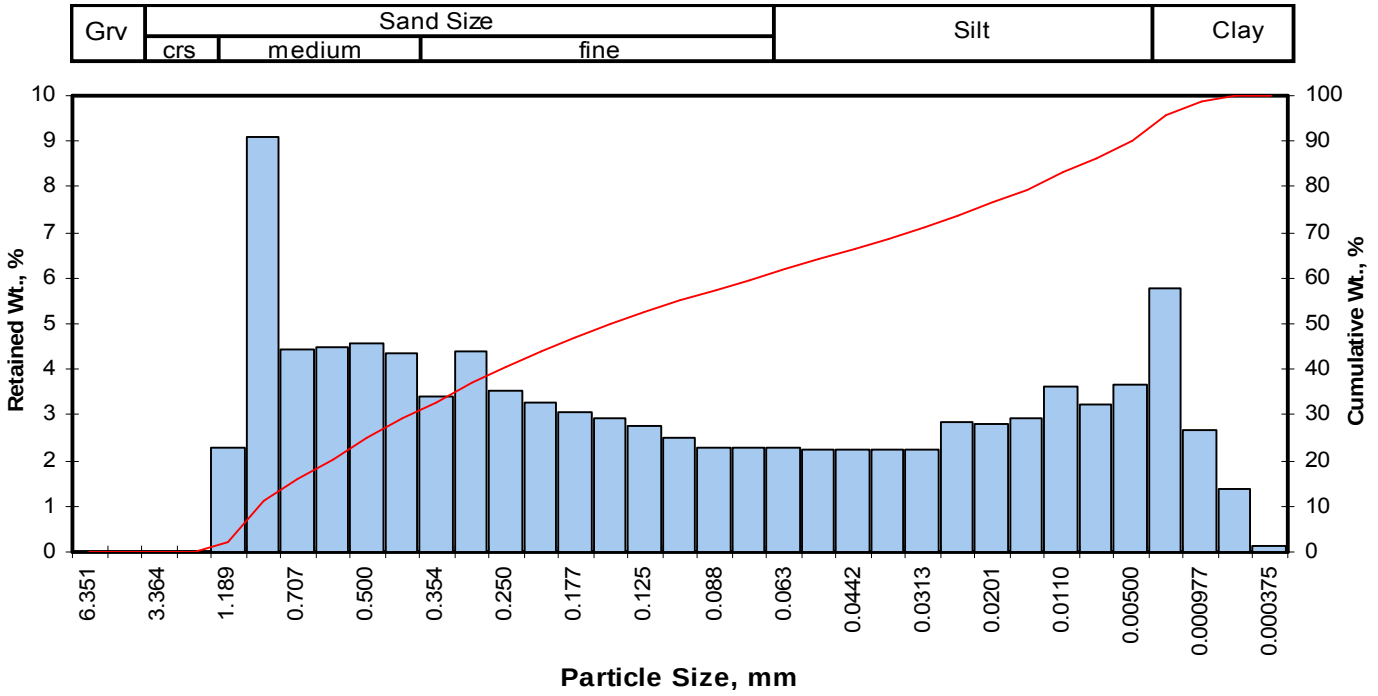
Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	0.00
Fine Sand	200	21.57
Silt	>0.005 mm	55.25
Clay	<0.005 mm	23.18
	Total	**100**

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Particle Size Analysis - ASTM D4464M

Client:	ENVIRON	**PTS File No:**	43460
Project:	AEA - Costa Mesa	**Sample ID:**	EB-9-10
Project No:	05-31819A	**Depth, ft:**	9.1



Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	2.27	2.27	2.27
0.0331	0.841	0.25	20	9.10	9.10	11.37
0.0278	0.707	0.50	25	4.43	4.43	15.80
0.0234	0.595	0.75	30	4.49	4.49	20.29
0.0197	0.500	1.00	35	4.58	4.58	24.87
0.0166	0.420	1.25	40	4.35	4.35	29.22
0.0139	0.354	1.50	45	3.39	3.39	32.61
0.0117	0.297	1.75	50	4.41	4.41	37.02
0.0098	0.250	2.00	60	3.54	3.54	40.56
0.0083	0.210	2.25	70	3.28	3.28	43.84
0.0070	0.177	2.50	80	3.08	3.08	46.92
0.0059	0.149	2.75	100	2.95	2.95	49.87
0.0049	0.125	3.00	120	2.75	2.75	52.61
0.0041	0.105	3.25	140	2.48	2.48	55.09
0.0035	0.088	3.50	170	2.30	2.30	57.39
0.0029	0.074	3.75	200	2.27	2.27	59.66
0.0025	0.063	4.00	230	2.27	2.27	61.93
0.0021	0.053	4.25	270	2.26	2.26	64.19
0.00174	0.0442	4.50	325	2.26	2.26	66.45
0.00146	0.0372	4.75	400	2.26	2.26	68.71
0.00123	0.0313	5.00	450	2.25	2.25	70.96
0.000986	0.0250	5.32	500	2.83	2.83	73.79
0.000790	0.0201	5.64	635	2.79	2.79	76.58
0.000615	0.0156	6.00		2.94	2.94	79.52
0.000435	0.0110	6.50		3.63	3.63	83.15
0.000308	0.00781	7.00		3.25	3.25	86.40
0.000197	0.00500	7.65		3.65	3.65	90.05
0.000077	0.00195	9.00		5.79	5.79	95.84
0.000038	0.000977	10.00		2.66	2.66	98.50
0.000019	0.000488	11.00		1.36	1.36	99.86
0.000015	0.000375	11.38		0.14	0.14	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than			
Weight	Phi	Particle Size	
percent	Value	Inches	Millimeters
5	-0.10	0.0422	1.072
10	0.17	0.0349	0.886
16	0.51	0.0276	0.702
25	1.01	0.0196	0.497
40	1.96	0.0101	0.257
50	2.76	0.0058	0.147
60	3.79	0.0029	0.072
75	5.46	0.0009	0.023
84	6.63	0.0004	0.010
90	7.64	0.0002	0.005
95	8.80	0.0001	0.002

Measure	Trask	Inman	Folk-Ward
Median, phi	2.76	2.76	2.76
Median, in.	0.0058	0.0058	0.0058
Median, mm	0.147	0.147	0.147
Mean, phi	1.94	3.57	3.30
Mean, in.	0.0102	0.0033	0.0040
Mean, mm	0.260	0.084	0.101
Sorting	4.677	3.060	2.879
Skewness	0.722	0.264	0.311
Kurtosis	0.269	0.455	0.820
Grain Size Description (ASTM-USCS Scale)		Fine sand (based on Mean from Trask)	

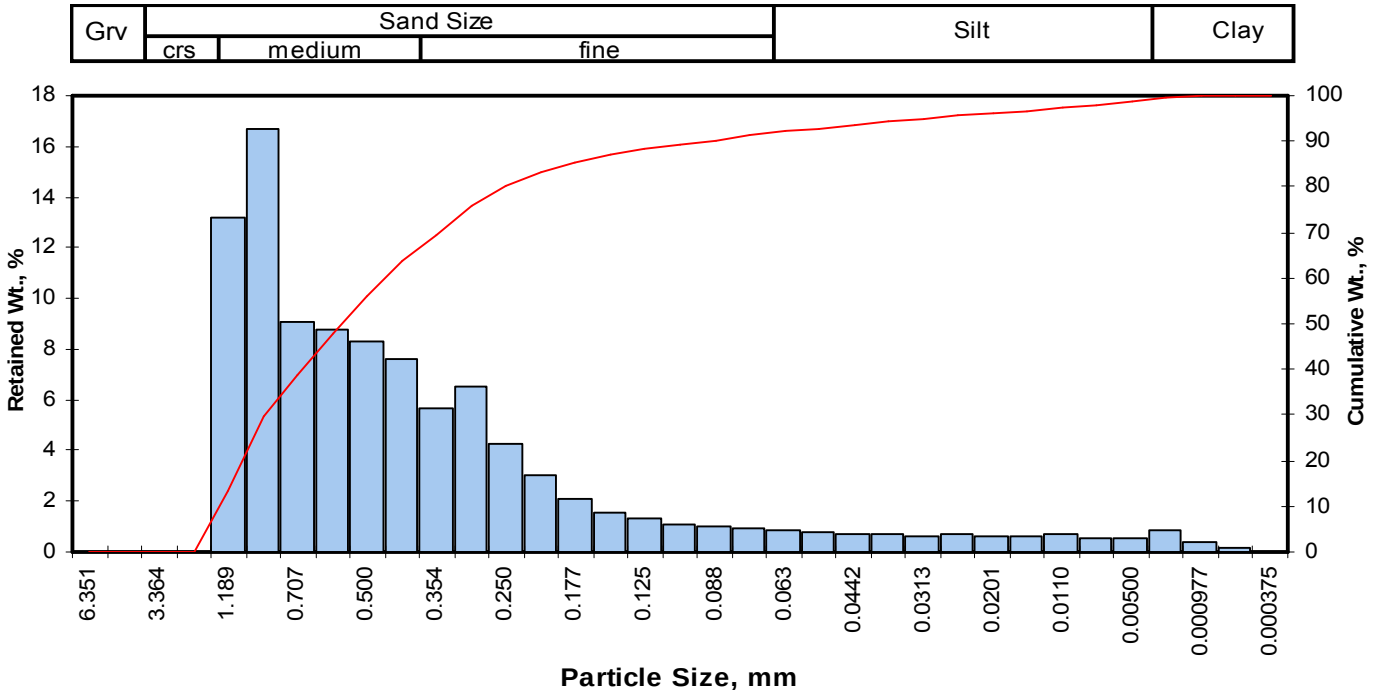
Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	29.22
Fine Sand	200	30.45
Silt	>0.005 mm	30.39
Clay	<0.005 mm	9.95
	Total	**100**

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Particle Size Analysis - ASTM D4464M

Client:	ENVIRON	**PTS File No:**	43460
Project:	AEA - Costa Mesa	**Sample ID:**	EB-9-40
Project No:	05-31819A	**Depth, ft:**	39.7



Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	13.20	13.19	13.19
0.0331	0.841	0.25	20	16.70	16.69	29.89
0.0278	0.707	0.50	25	9.11	9.11	38.99
0.0234	0.595	0.75	30	8.81	8.81	47.80
0.0197	0.500	1.00	35	8.29	8.29	56.08
0.0166	0.420	1.25	40	7.59	7.59	63.67
0.0139	0.354	1.50	45	5.66	5.66	69.33
0.0117	0.297	1.75	50	6.55	6.55	75.87
0.0098	0.250	2.00	60	4.25	4.25	80.12
0.0083	0.210	2.25	70	3.05	3.05	83.17
0.0070	0.177	2.50	80	2.13	2.13	85.30
0.0059	0.149	2.75	100	1.58	1.58	86.88
0.0049	0.125	3.00	120	1.29	1.29	88.17
0.0041	0.105	3.25	140	1.11	1.11	89.28
0.0035	0.088	3.50	170	1.01	1.01	90.29
0.0029	0.074	3.75	200	0.93	0.93	91.22
0.0025	0.063	4.00	230	0.84	0.84	92.06
0.0021	0.053	4.25	270	0.76	0.76	92.82
0.00174	0.0442	4.50	325	0.71	0.71	93.53
0.00146	0.0372	4.75	400	0.67	0.67	94.20
0.00123	0.0313	5.00	450	0.62	0.62	94.82
0.000986	0.0250	5.32	500	0.71	0.71	95.53
0.000790	0.0201	5.64	635	0.62	0.62	96.14
0.000615	0.0156	6.00		0.60	0.60	96.74
0.000435	0.0110	6.50		0.70	0.70	97.44
0.000308	0.00781	7.00		0.57	0.57	98.01
0.000197	0.00500	7.65		0.58	0.58	98.59
0.000077	0.00195	9.00		0.83	0.83	99.42
0.000038	0.000977	10.00		0.38	0.38	99.80
0.000019	0.000488	11.00		0.18	0.18	99.98
0.000015	0.000375	11.38		0.02	0.02	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than			
Weight	Phi	Particle Size	
percent	Value	Inches	Millimeters
5	-0.72	0.0647	1.642
10	-0.43	0.0531	1.349
16	-0.17	0.0442	1.122
25	0.10	0.0366	0.931
40	0.53	0.0273	0.693
50	0.82	0.0224	0.568
60	1.13	0.0180	0.457
75	1.72	0.0120	0.304
84	2.35	0.0077	0.197
90	3.43	0.0037	0.093
95	5.08	0.0012	0.029

Measure	Trask	Inman	Folk-Ward
Median, phi	0.82	0.82	0.82
Median, in.	0.0224	0.0224	0.0224
Median, mm	0.568	0.568	0.568
Mean, phi	0.70	1.09	1.00
Mean, in.	0.0243	0.0185	0.0197
Mean, mm	0.617	0.470	0.500
Sorting	1.749	1.257	1.507
Skewness	0.937	0.218	0.345
Kurtosis	0.249	1.307	1.473

Grain Size Description (ASTM-USCS Scale)	Medium sand (based on Mean from Trask)

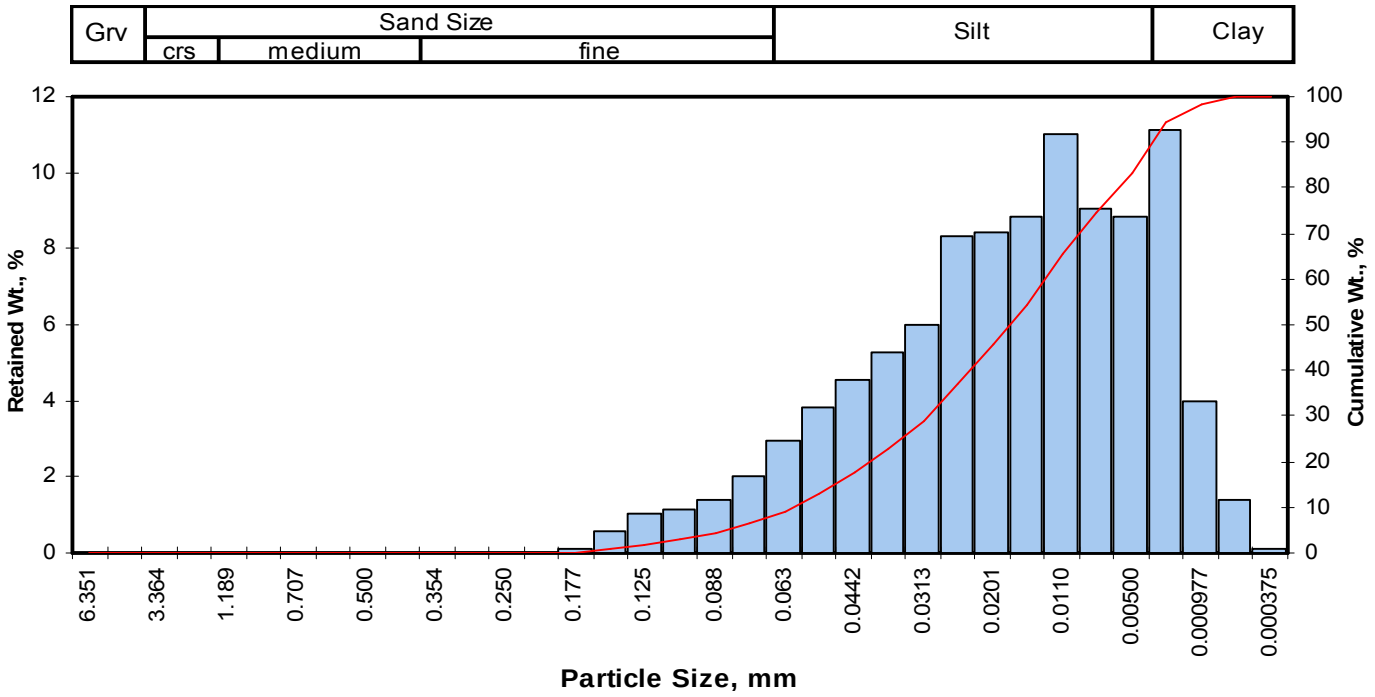
Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	63.67
Fine Sand	200	27.55
Silt	>0.005 mm	7.38
Clay	<0.005 mm	1.41
	Total	**100**

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Particle Size Analysis - ASTM D4464M

Client:	ENVIRON	**PTS File No:**	43460
Project:	AEA - Costa Mesa	**Sample ID:**	EB-3-10
Project No:	05-31819A	**Depth, ft:**	10.0



Opening Inches	Opening Millimeters	Phi of Screen	U.S. No.	Sample Weight, grams	Increment Weight, percent	Cumulative Weight, percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.00	0.00	0.00
0.0331	0.841	0.25	20	0.00	0.00	0.00
0.0278	0.707	0.50	25	0.00	0.00	0.00
0.0234	0.595	0.75	30	0.00	0.00	0.00
0.0197	0.500	1.00	35	0.00	0.00	0.00
0.0166	0.420	1.25	40	0.00	0.00	0.00
0.0139	0.354	1.50	45	0.00	0.00	0.00
0.0117	0.297	1.75	50	0.00	0.00	0.00
0.0098	0.250	2.00	60	0.00	0.00	0.00
0.0083	0.210	2.25	70	0.00	0.00	0.00
0.0070	0.177	2.50	80	0.10	0.10	0.10
0.0059	0.149	2.75	100	0.57	0.57	0.67
0.0049	0.125	3.00	120	1.02	1.02	1.69
0.0041	0.105	3.25	140	1.16	1.16	2.85
0.0035	0.088	3.50	170	1.38	1.38	4.23
0.0029	0.074	3.75	200	2.02	2.02	6.25
0.0025	0.063	4.00	230	2.96	2.96	9.21
0.0021	0.053	4.25	270	3.81	3.81	13.02
0.00174	0.0442	4.50	325	4.57	4.57	17.59
0.00146	0.0372	4.75	400	5.29	5.29	22.88
0.00123	0.0313	5.00	450	6.02	6.02	28.89
0.000986	0.0250	5.32	500	8.34	8.34	37.23
0.000790	0.0201	5.64	635	8.42	8.42	45.65
0.000615	0.0156	6.00		8.85	8.85	54.50
0.000435	0.0110	6.50		11.00	11.00	65.49
0.000308	0.00781	7.00		9.06	9.06	74.55
0.000197	0.00500	7.65		8.84	8.84	83.39
0.000077	0.00195	9.00		11.10	11.10	94.48
0.000038	0.000977	10.00		3.99	3.99	98.47
0.000019	0.000488	11.00		1.42	1.42	99.89
0.000015	0.000375	11.38		0.11	0.11	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than			
Weight percent	Phi Value	Particle Size Inches	Particle Size Millimeters
5	3.60	0.0033	0.083
10	4.05	0.0024	0.060
16	4.41	0.0018	0.047
25	4.84	0.0014	0.035
40	5.43	0.0009	0.023
50	5.82	0.0007	0.018
60	6.25	0.0005	0.013
75	7.03	0.0003	0.008
84	7.72	0.0002	0.005
90	8.45	0.0001	0.003
95	9.13	0.0001	0.002

Measure	Trask	Inman	Folk-Ward
Median, phi	5.82	5.82	5.82
Median, in.	0.0007	0.0007	0.0007
Median, mm	0.018	0.018	0.018
Mean, phi	5.55	6.07	5.98
Mean, in.	0.0008	0.0006	0.0006
Mean, mm	0.021	0.015	0.016
Sorting	2.140	1.653	1.665
Skewness	0.921	0.151	0.174
Kurtosis	0.238	0.674	1.034

Grain Size Description (ASTM-USCS Scale)	Silt (based on Mean from Trask)

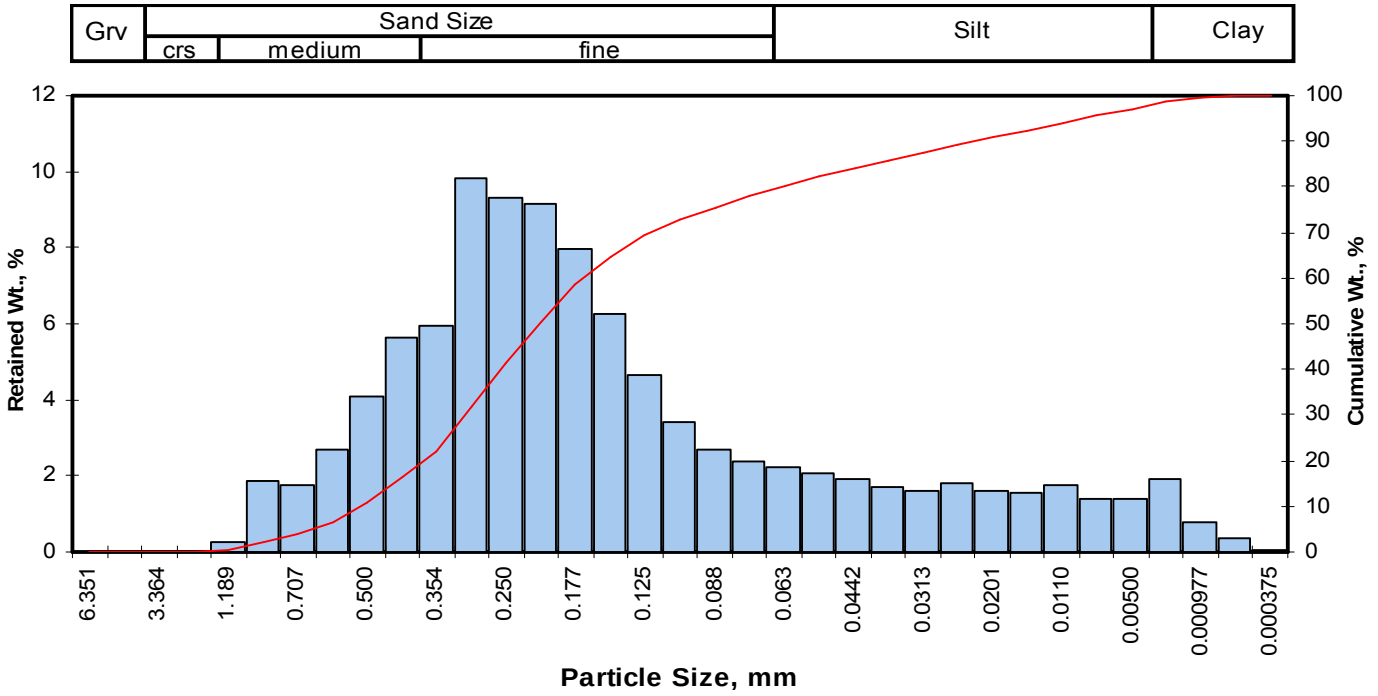
Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	0.00
Fine Sand	200	6.25
Silt	>0.005 mm	77.13
Clay	<0.005 mm	16.61
	Total	**100**

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Particle Size Analysis - ASTM D4464M

Client:	ENVIRON	**PTS File No:**	43460
Project:	AEA - Costa Mesa	**Sample ID:**	EB-3-40
Project No:	05-31819A	**Depth, ft:**	39.7



Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.26	0.26	0.26
0.0331	0.841	0.25	20	1.84	1.84	2.10
0.0278	0.707	0.50	25	1.74	1.74	3.84
0.0234	0.595	0.75	30	2.67	2.67	6.51
0.0197	0.500	1.00	35	4.09	4.09	10.60
0.0166	0.420	1.25	40	5.66	5.66	16.26
0.0139	0.354	1.50	45	5.93	5.93	22.19
0.0117	0.297	1.75	50	9.85	9.85	32.04
0.0098	0.250	2.00	60	9.33	9.33	41.37
0.0083	0.210	2.25	70	9.16	9.16	50.53
0.0070	0.177	2.50	80	7.99	7.99	58.52
0.0059	0.149	2.75	100	6.26	6.26	64.78
0.0049	0.125	3.00	120	4.64	4.64	69.42
0.0041	0.105	3.25	140	3.42	3.42	72.85
0.0035	0.088	3.50	170	2.70	2.70	75.55
0.0029	0.074	3.75	200	2.36	2.36	77.91
0.0025	0.063	4.00	230	2.20	2.20	80.11
0.0021	0.053	4.25	270	2.06	2.06	82.17
0.00174	0.0442	4.50	325	1.90	1.90	84.07
0.00146	0.0372	4.75	400	1.73	1.73	85.80
0.00123	0.0313	5.00	450	1.58	1.58	87.38
0.000986	0.0250	5.32	500	1.83	1.83	89.21
0.000790	0.0201	5.64	635	1.62	1.62	90.83
0.000615	0.0156	6.00		1.54	1.54	92.37
0.000435	0.0110	6.50		1.75	1.75	94.12
0.000308	0.00781	7.00		1.40	1.40	95.52
0.000197	0.00500	7.65		1.39	1.39	96.91
0.000077	0.00195	9.00		1.90	1.90	98.81
0.000038	0.000977	10.00		0.80	0.80	99.61
0.000019	0.000488	11.00		0.36	0.36	99.97
0.000015	0.000375	11.38		0.03	0.03	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than			
Weight	Phi	Particle Size	
percent	Value	Inches	Millimeters
5	0.61	0.0258	0.656
10	0.96	0.0202	0.513
16	1.24	0.0167	0.424
25	1.57	0.0132	0.337
40	1.96	0.0101	0.256
50	2.24	0.0084	0.212
60	2.56	0.0067	0.170
75	3.45	0.0036	0.092
84	4.49	0.0018	0.044
90	5.48	0.0009	0.022
95	6.82	0.0003	0.009

Measure	Trask	Inman	Folk-Ward
Median, phi	2.24	2.24	2.24
Median, in.	0.0084	0.0084	0.0084
Median, mm	0.212	0.212	0.212
Mean, phi	2.22	2.86	2.66
Mean, in.	0.0084	0.0054	0.0063
Mean, mm	0.214	0.137	0.159
Sorting	1.917	1.626	1.754
Skewness	0.826	0.387	0.431
Kurtosis	0.250	0.908	1.354

Grain Size Description (ASTM-USCS Scale)	Fine sand (based on Mean from Trask)

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	16.26
Fine Sand	200	61.64
Silt	>0.005 mm	19.00
Clay	<0.005 mm	3.09
	Total	**100**

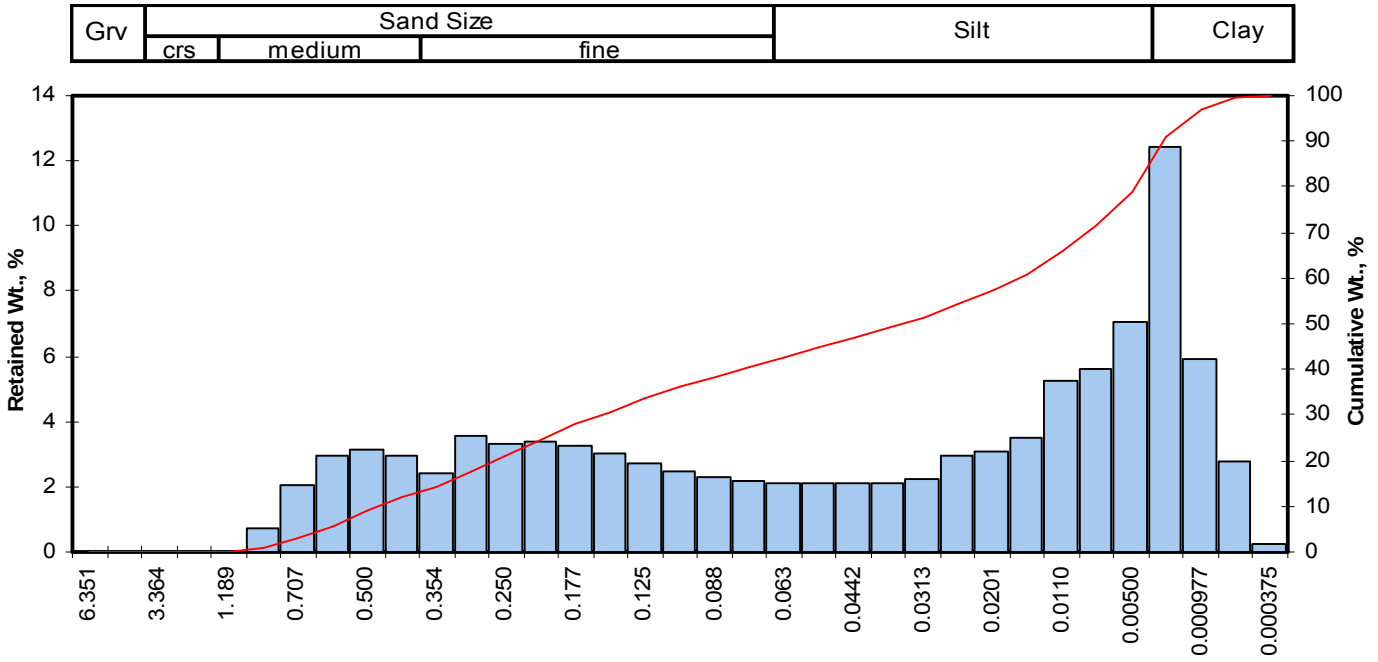
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Particle Size Analysis - ASTM D4464M

Client: ENVIRON
Project: AEA - Costa Mesa
Project No: 05-31819A

PTS File No: 43460
Sample ID: EB-3-5
Depth, ft: 4.5



Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.00	0.00	0.00
0.0331	0.841	0.25	20	0.73	0.73	0.73
0.0278	0.707	0.50	25	2.08	2.08	2.81
0.0234	0.595	0.75	30	2.96	2.96	5.77
0.0197	0.500	1.00	35	3.14	3.14	8.91
0.0166	0.420	1.25	40	2.95	2.95	11.86
0.0139	0.354	1.50	45	2.42	2.42	14.29
0.0117	0.297	1.75	50	3.58	3.58	17.87
0.0098	0.250	2.00	60	3.33	3.33	21.20
0.0083	0.210	2.25	70	3.38	3.38	24.58
0.0070	0.177	2.50	80	3.23	3.23	27.81
0.0059	0.149	2.75	100	3.00	3.00	30.81
0.0049	0.125	3.00	120	2.72	2.72	33.53
0.0041	0.105	3.25	140	2.46	2.46	35.99
0.0035	0.088	3.50	170	2.30	2.30	38.30
0.0029	0.074	3.75	200	2.20	2.20	40.50
0.0025	0.063	4.00	230	2.14	2.14	42.64
0.0021	0.053	4.25	270	2.10	2.10	44.74
0.00174	0.0442	4.50	325	2.12	2.12	46.86
0.00146	0.0372	4.75	400	2.14	2.14	49.00
0.00123	0.0313	5.00	450	2.22	2.22	51.22
0.000986	0.0250	5.32	500	2.98	2.98	54.20
0.000790	0.0201	5.64	635	3.10	3.10	57.30
0.000615	0.0156	6.00		3.49	3.49	60.79
0.000435	0.0110	6.50		5.23	5.23	66.03
0.000308	0.00781	7.00		5.62	5.62	71.65
0.000197	0.00500	7.65		7.03	7.03	78.68
0.000077	0.00195	9.00		12.40	12.40	91.09
0.000038	0.000977	10.00		5.90	5.90	96.99
0.000019	0.000488	11.00		2.75	2.75	99.74
0.000015	0.000375	11.38		0.26	0.26	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than

Weight percent	Phi Value	Particle Size Inches	Particle Size Millimeters
5	0.68	0.0245	0.622
10	1.09	0.0185	0.469
16	1.62	0.0128	0.325
25	2.28	0.0081	0.206
40	3.69	0.0030	0.077
50	4.86	0.0014	0.034
60	5.92	0.0007	0.017
75	7.31	0.0002	0.006
84	8.23	0.0001	0.003
90	8.88	0.0001	0.002
95	9.66	0.0000	0.001

Measure	Trask	Inman	Folk-Ward
Median, phi	4.86	4.86	4.86
Median, in.	0.0014	0.0014	0.0014
Median, mm	0.034	0.034	0.034
Mean, phi	3.24	4.92	4.90
Mean, in.	0.0042	0.0013	0.0013
Mean, mm	0.106	0.033	0.033
Sorting	5.706	3.303	3.012
Skewness	1.048	0.018	0.044
Kurtosis	0.213	0.359	0.732

Grain Size Description (ASTM-USCS Scale)	Fine sand (based on Mean from Trask)

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	11.86
Fine Sand	200	28.63
Silt	>0.005 mm	38.19
Clay	<0.005 mm	21.32
	Total	**100**

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Fax: (562) 907-3610

PA2014-110

PTS Laboratories

COOLER RECEIPT FORM

Date Received: 7/19/13 PTS File Number: 43460 Client: Environ

Project Name: AEA - Costa Mesa Project No: 05-31819A

PRELIMINARY EXAMINATION PHASE:

Date cooler was opened: 7/19/13 By (print): Ian Kleinsasser Sign:

Did cooler arrive with a shipping ticket (airbill, etc.)? Yes ☐ No ☐ NA ☒

Hand Delivered by ~~Client~~ PTS Courier ☒

If YES, enter carrier name and air bill number here: _____ Attach airbill.

Did samples arrive in a Client Cooler ☐ PTS Cooler ☒ a Box ☐ Other ☐ describe: Med, Blue, Coleman

1. Were custody seals on outside of cooler or box? Yes ☐ No ☒ NA ☐

2. Were custody seals unbroken and intact at the date and time of arrival? Attach seals. Yes ☐ No ☐ NA ☒

How many & where: —, seal date: ~, seal name: ~

3. Were custody papers sealed in a plastic bag and taped inside to the cooler lid? Yes ☒ No ☐ NA ☐

4. Were custody papers filled out properly (ink, signed, etc.)? Document discrepancies on a photocopy. Yes ☒ No ☐ NA ☐

5. Did you sign custody papers in the appropriate place? If COC is not attached to this cooler, revise Yes ☒ No ☐ NA ☐

6. Was project identifiable from custody papers? and initial form when COC(s) are located. Yes ☒ No ☐ NA ☐

If YES, enter project name and number at the top of this form. COC # (if present) 06998

7. If required, was enough ice used? Type of ice: Dry ☐ Wet ☐ Blue ☒ Yes ☒ No ☐ NA ☐

8. What was the cooler temperature upon receipt? 55.1 (F) °C Is Core Frozen? Yes ☐ No ☒ NA ☒

9. Have designated person initial here to acknowledge receipt of cooler _____ Date: _____

LOG-IN PHASE:

Date samples were logged in: 7/19/13 By (print): Ian Kleinsasser Sign:

1. Type of Packing in cooler or box: Bubble Wrap ☐ Foam ☐ None ☒ Other ☐ Describe: _____

2. Did all cores/samples arrive intact and were labels in good condition? Yes ☒ No ☐ NA ☐

3. Were all cores/samples labeled correctly (ID, date, time, etc.)? Yes ☒ No ☐ NA ☐

4. Do core/sample labels agree with custody papers? Yes ☒ No ☐ NA ☐

5. Type of cores/samples: Shelby Tube ☐ size: _____ Brass / SS / Acetate Sleeve ☐ size: See Notes

Bag ☐ Bucket ☐ Jar ☐ size: _____ Bottle ☐ size: _____ Other ☐ Describe: _____

6. Number of cores: 10 Number of bag/grab or jar samples: _____ Number of fluid samples: _____

Description of nonstandard samples: _____

7. If discrepancy was noted was client called & status discussed? Yes ☐ No ☐ NA ☒

If YES, who was called? _____ By whom (initial)? _____ Current or existing job? ☐

Sample storage location pending analysis (freezer, refrigerator, or bin number): Refrigerator I, C2

Soil Boring Logs

ENVIRON

18100 Von Karman Ave, Suite 600, Irvine, CA 92612

Site ID: EB-1		Date(s): **07/15/13**	
Location: **775-777 West 16th Street, Costa Mesa, CA**			
Logged By: **B. Bauer**		Checked By: **S. Dergham, P.G.**	
Contractor: **H&P**		Purpose: **Site Characterization**	
Drilling Method: **Direct Push**		GS Elevation: **Not available**	TOC Elevation: **Not available**
Sampling Method: **Acetate Sleeves and Encores**		X Coordinate: **Not available**	Y Coordinate: **Not available**
Well Construction:		Borehole Dia.: **2.75 inches**	Total Depth: **50.0 feet**
Blank Casing:		Project Number: **05-31819A1**	
Screen:		Project Name: **AEA - Costa Mesa**	
Annular Fill:		Remarks: **Hand auger to 3.5 ft bgs. Goundwater encountered at 46.5 ft bgs. HydroPunch groundwater sample collected at 46.5 ft bgs. Continuous logging.**	

Elevation (ft)	Depth (ft)	Sample Interval	Sample No.	Time	PID (ppm)	Graphic Log	Material Code	Material Description	Water Level
					0.0			SILTY SAND (SM): Dark Brown (7.5YR 3/3); moist; 60% fine sand, 40% low plastic fines.	
					0.0			CLAYEY SILT (ML): Brown (7.5YR 5/4); moist; 100% low-medium plasticity fines.	
							ML	SANDY SILT (ML): Brown (7.5YR 4/4); moist; 60% low plastic fines, 40% fine sand.	
	5		EB-1-5	0831	0.0		SM	SILTY SAND (SM): Brown (7.5YR 5/4); moist; 70% fine sand, 30% low plasticity fines.	
							SP	SAND (SP): Brownish Yellow (10YR 6/6); moist; 100% fine sand.	
	10		EB-1-10	0840			SP	SAND WITH SILT (SP): Brownish Yellow (10YR 6/6); moist; 85% fine sand, 15% low plasticity fines.	
							SM	SILTY SAND (SM): Light Olive Brown (2.5YR 5/4); moist; 70% fine-very fine sand, 30% low plasticity fines.	
							SP	SAND (SP): Light Yellowish Brown (2.5Y 6/4); 100% fine-very fine sand.	
	15						CL	SILTY CLAY (CL): Light Yellowish Brown (2.5Y 6/4); moist; 100% low-medium plasticity fines.	
							ML	SANDY SILT (ML): Yellowish Brown (10YR 5/6); moist; 70% low plastic fines, 30% fine-very fine sand.	
					0.0		ML	CLAYEY SILT (ML): Brown (10YR 5/3); moist; 100% low-medium plastics.	
	20		EB-1-20	0852			SM	SILTY SAND (SM): Brown (10YR 5/3); moist; 70% fine sand, 30% low plasticity fines.	
					0.0		SP	SAND (SP): Pale Brown (10YR 6/3); moist; 100% fine-very fine sand.	
	25		EB-1-25	0906	0.0		SP	At 24 feet: Very Pale Brown (10YR 7/2); moist; 100% fine-very fine sand.	
							SM	SILTY SAND (SM): Brown (7.5YR 10/3); moist; 70% fine sand, 30%	

Sample Graphics

No Recovery
Fill reflects sample type

Geoprobe full recovery

Hand auger.

Static ground water

Report: RAINBOW WELL LOG WELL ABOVE; File: BORING LOGS.GPJ; 9/30/13

ENVIRON
18100 Von Karman Ave, Suite 600, Irvine, CA 92612

Site ID: EB-1	Date(s): **07/15/13**
Project Number: **05-31819A**	Project Name: **AEA - Costa Mesa**

Elevation (ft)	Depth (ft)	Sample Interval	Sample No.	Time	PID (ppm)	Graphic Log	Material Code	Material Description	Water Level
			EB-1-30	0925	0.0		SM	low plasticity fines.	
								Acetate sleeve stuck, no recovery.	
	35								
					0.0		SP	SAND (SP): Brownish Yellow (10YR 6/6); moist; 100% fine sand.	
	40		EB-1-40	1030	0.0		SP	At 39 feet: Brown Yellow (10YR 6/6); very moist; 100% fine to medium sand; calcium carbonates (shells).	
							SP	At 42 feet: Dark Brown (10YR 3/3); saturated; 100% medium to coarse sand; abundant calcium carbonates (shells).	
					0.0		SM	SILTY SAND (SM): Brown (10YR 4/3); saturated; 70% fine sand, 30% low plasticity fines.	▼
	45		EB-1-45	1040					
					0.2				
	50		EB-1-50	1050				Boring terminated at 50 feet bgs. Groundwater was encountered at 40.5 feet bgs.	

Sample Graphics

No Recovery
Fill reflects sample type

Geoprobe full recovery

Hand auger.

▼ Static ground water

Report: RAINBOW WELL LOG WELL ABOVE; File: BORING LOGS.GPJ; 9/30/13

ENVIRON

18100 Von Karman Ave, Suite 600, Irvine, CA 92612

Site ID: EB-10		Date(s): **07/18/13**	
Location: **775-777 West 16th Street, Costa Mesa, CA**			
Logged By: **B. Bauer**		Checked By: **S. Dergham, P.G.**	
Contractor: **H&P**		Purpose: **Site Characterization**	
Drilling Method: **Direct Push**		GS Elevation: **Not available**	TOC Elevation: **Not available**
Sampling Method: **Acetate Sleeves and Encores**		X Coordinate: **Not available**	Y Coordinate: **Not available**
Well Construction:		Borehole Dia.: **2.75 inches**	Total Depth: **10.5 feet**
Blank Casing:		Project Number: **05-31819A1**	
Screen:		Project Name: **AEA - Costa Mesa**	
Annular Fill:		Remarks: **Vapor probes installed at 5 and 10 ft bgs. Continuous logging.**	

Elevation (ft)	Depth (ft)	Sample Interval	Sample No.	Time	PID (ppm)	Graphic Log	Material Code	Material Description	Water Level
	0						ML	SANDY SILT (ML): Dark Yellowish Brown (10YR 3/4); moist; 70% low plasticity fines, 30% fine sand.	
	1						ML	CLAYEY SILT (ML): Dark Yellowish Brown (10YR 3/4); mosit; 100% low-med plasticity fines.	
	2				0.0				
	3								
	4						CL	SILTY CLAY (CL): Very Dark Grayish Brown (10YR 3/2); moist; 100% low-med plasticity fines.	
	5								
	6				0.0				
	7								
	8						CL		
	9								
	10						ML	SANDY SILT (ML): Dark Yellowish Brown (10YR 4/4); moist; 70% low plasticity fines, 30% fine sand.	
								Boring terminated at 10.5 feet bgs.	

Sample Graphics

No Recovery
Fill reflects sample type

Geoprobe full recovery

Report: RAINBOW WELL LOG WELL ABOVE; File: BORING LOGS.GPJ; 9/30/13

PA2014-110

ENVIRON
18100 Von Karman Ave, Suite 600, Irvine, CA 92612

Site ID: EB-11	Date(s): **07/18/13**
Location: **775-777 West 16th Street, Costa Mesa, CA**	
Logged By: **B. Bauer**	Checked By: **S. Dergham, P.G.**
Contractor: **H&P**	Purpose: **Site Characterization**
Drilling Method: **Direct Push**	GS Elevation: **Not available** / TOC Elevation: **Not available**
Sampling Method: **Acetate Sleeves and Encores**	X Coordinate: **Not available** / Y Coordinate: **Not available**
Well Construction:	Borehole Dia.: / Total Depth: **10.5 feet**
Blank Casing:	Project Number: **05-31819A1**
Screen:	Project Name: **AEA - Costa Mesa**
Annular Fill:	Remarks: **Vapor probe installed at 6 and 10 ft bgs. Samples collected at 5 ft intervals.**

Elevation (ft)	Depth (ft)	Sample Interval	Sample No.	Time	PID (ppm)	Graphic Log	Material Code	Material Description	Water Level
	3				0.0		CL	SILTY CLAY (CL): Dark Olive Brown (2.5Y 3/3); moist; 100% low-med plasticity fines.	
	8				0.0		SM	SILTY SAND (SM): Dark Yellowish Brown (10YR 3/4); moist; 70% fine sand, 30% low plasticity fines.	
	10							Boring terminated at 10.5 feet bgs.	

Sample Graphics: No Recovery (Fill reflects sample type); Geoprobe full recovery

Report: RAINBOW WELL LOG WELL ABOVE; File: BORING LOGS.GPJ; 9/30/13

ENVIRON

18100 Von Karman Ave, Suite 600, Irvine, CA 92612

Site ID: EB-12		Date(s): **07/19/13**	
Location: **775-777 West 16th Street, Costa Mesa, CA**			
Logged By: **B. Bauer**		Checked By: **S. Dergham, P.G.**	
Contractor: **H&P**		Purpose: **Site Characterization**	
Drilling Method: **Direct Push**		GS Elevation: **Not available**	TOC Elevation: **Not available**
Sampling Method: **Acetate Sleeves and Encores**		X Coordinate: **Not available**	Y Coordinate: **Not available**
Well Construction:		Borehole Dia.: **1.5 inches**	Total Depth: **46.0 feet**
Blank Casing:		Project Number: **05-31819A1**	
Screen:		Project Name: **AEA - Costa Mesa**	
Annular Fill:		Remarks: **Groundwater encountered at 45.3 ft bgs. HydroPunch groundwater sample collected at 43.5 feet bgs. Samples collected at 5 ft intervals.**	

Elevation (ft)	Depth (ft)	Sample Interval	Sample No.	Time	PID (ppm)	Graphic Log	Material Code	Material Description	Water Level
	5				0.0		ML	CLAYEY SILT (ML): Dark Yellowish Brown (10YR 1/4); moist; 100% low-med plasticity fines.	
	10				0.0		ML	SANDY SILT (ML): Yellowish Brown (10YR 5/6); moist; 70% low plasticity fines, 30% fine sand.	
	15				0.0		CL	SILTY CLAY (CL): Dark Yellowish Brown (10YR 4/4); moist; 100% low-med plasticity fines.	
	20				0.0		SP-SM	SAND WITH SILT (SP-SM): Brownish Yellow (10YR 6/6); moist; 90% fine sand; 10% low plasticity fines.	
	25				0.0		SM	SILTY SAND (SM): Brownish Yellow (10YR 6/6); moist; 60% fine sand, 40% low plasticity fines.	
					0.0		SM	SILTY SAND (SM): Yellowish Brown (10YR 5/6); moist; 70% fine sand, 30% low plasticity fines.	

Sample Graphics

No Recovery
Fill reflects sample type

Geoprobe full recovery

Static ground water

Report: RAINBOW WELL LOG WELL ABOVE; File: BORING LOGS.GPJ; 9/30/13

ENVIRON
18100 Von Karman Ave, Suite 600, Irvine, CA 92612

Site ID:	EB-12	Date(s):	07/19/13
Project Number:	**05-31819A**	Project Name:	**AEA - Costa Mesa**

Elevation (ft)	Depth (ft)	Sample Interval	Sample No.	Time	PID (ppm)	Graphic Log	Material Code	Material Description	Water Level
	35				0.0		SM	SILTY SAND (SM): Light Yellowish Brown (2.5Y 6/4); moist; 70% fine sand, 30% low plasticity fines.	
	40				0.0		SP	SAND (SP): Yellow (2.5Y 7/6); moist; 100% medium sand; trace gravel.	
	45				0.0		SM	SILTY SAND (SM): Light Yellowish Brown (2.5Y 6/4); very moist; 70% fine sand, 30% low plasticity fines. At 45 feet: Saturated	▼
								Boring terminated at 46 feet bgs. Groundwater encountered at 45.3 feet bgs.	

Sample Graphics

No Recovery
Fill reflects sample type

Geoprobe full recovery

▼ Static ground water

Report: RAINBOW WELL LOG WELL ABOVE; File: BORING LOGS.GPJ; 9/30/13

ENVIRON

18100 Von Karman Ave, Suite 600, Irvine, CA 92612

Site ID: EB-13		Date(s): **07/18/13**	
Location: **775-777 West 16th Street, Costa Mesa, CA**			
Logged By: **B. Bauer**		Checked By: **S. Dergham, P.G.**	
Contractor: **H&P**		Purpose: **Site Characterization**	
Drilling Method: **Direct Push**		GS Elevation: **Not available**	TOC Elevation: **Not available**
Sampling Method: **Acetate Sleeves and Encores**		X Coordinate: **Not available**	Y Coordinate: **Not available**
Well Construction:		Borehole Dia.: **1.5 inches**	Total Depth: **46.0 feet**
Blank Casing:		Project Number: **05-31819A1**	
Screen:		Project Name: **AEA - Costa Mesa**	
Annular Fill:		Remarks: **Groundwater encountered at 43.5 ft bgs. HydroPunch groundwater sample collected at 43.5 feet bgs. Samples collected at 5 ft intervals.**	

Elevation (ft)	Depth (ft)	Sample Interval	Sample No.	Time	PID (ppm)	Graphic Log	Material Code	Material Description	Water Level
	5				0.0		CL ML	SILTY CLAY (CL): Brown (10YR 4/2); moist; 100% low-med plasticity fines. CLAYEY SILT (ML): Yellowish Brown (10YR 5/6); moist; 100% low-med plasticity fines.	
	10				0.0		ML	CLAYEY SILT (ML): Dark Yellowish Brown (10YR 4/6); moist; 100% med-low plasticity fines.	
	15				0.0		CL SM	SILTY CLAY (CL): Dark Yellowish Brown (10YR 6/4); moist; 100% low-med plasticity fines. SILTY SAND (SM): Brownish Yellow (10YR 6/6); moist; 70% fine sand, 30% low plasticity fines.	
	20				0.0		ML ML	SILT (ML): Dark Yellowish Brown (10YR 4/6); moist. CLAYEY SILT (ML): Strong Brown (7.5YR 5/6); moist; 100% low-mid plasticity fines.	
	25				0.0		SP	SAND (SP): Dark Yellowish Brown (10YR 4/6); moist; 100% fine sand.	
					0.0		SM	SILTY SAND (SM): Brown (10YR 5/3); moist; 70% fine sand, 30% low plasticity fines.	

Sample Graphics

No Recovery
Fill reflects sample type

Geoprobe full recovery

Static ground water

Report: RAINBOW WELL LOG WELL ABOVE; File: BORING LOGS.GPJ; 9/30/13

ENVIRON
18100 Von Karman Ave, Suite 600, Irvine, CA 92612

Site ID:	EB-13	Date(s):	07/18/13
Project Number:	**05-31819A**	Project Name:	**AEA - Costa Mesa**

Elevation (ft)	Depth (ft)	Sample Interval	Sample No.	Time	PID (ppm)	Graphic Log	Material Code	Material Description	Water Level
	35				0.0		SP	SAND (SP): Pale Yellow (2.5Y 7/3); moist; 100% fine sand.	
	40				0.0		SP	SAND (SP): Yellow (10YR 7/2); moist; 100% fine-medium sand; trace gravel.	
	45				0.0		SM	SILTY SAND (SM): Pale Yellow (2.5Y 7/3); saturated; 100% fine sand.	▼
								Boring terminated at 46 feet bgs. Groundwater encountered at 43.5 feet bgs.	

Sample Graphics

No Recovery
Fill reflects sample type

Geoprobe full recovery

▼ Static ground water

Report: RAINBOW WELL LOG WELL ABOVE; File: BORING LOGS.GPJ; 9/30/13

ENVIRON
18100 Von Karman Ave, Suite 600, Irvine, CA 92612

Site ID: EB-14		Date(s): **07/15/13**	
Location: **775-777 West 16th Street, Costa Mesa, CA**			
Logged By: **B. Bauer**		Checked By: **S. Dergham, P.G.**	
Contractor: **H&P**	Purpose: **Site Characterization**		
Drilling Method: **Direct Push**	GS Elevation: **Not available**	TOC Elevation: **Not available**	
Sampling Method: **Acetate Sleeves and Encores**	X Coordinate: **Not available**	Y Coordinate: **Not available**	
Well Construction:	Borehole Dia.: **2.75 inches**	Total Depth: **46.0 feet**	
Blank Casing:	Project Number: **05-31819A1**		
Screen:	Project Name: **AEA - Costa Mesa**		
Annular Fill:	Remarks: **Groundwater encountered at 44.8 ft bgs. HydroPunch groundwater sample collected at 44.8 feet bgs. Continuous logging.**		

Elevation (ft)	Depth (ft)	Sample Interval	Sample No.	Time	PID (ppm)	Graphic Log	Material Code	Material Description	Water Level
					0.0		ML	SANDY SILT (ML): Dark Brown (7.5YR 3/4); moist; 70% low plasticity fines, 30% fine sand.	
							CL	CLAYEY SILT (CL): Dark Brown (7.5YR 3/3); moist; 100% low-med plasticity fine.	
	5				0.0				
							SM	SILTY SAND (SM): Dark Yellowish Brown (10YR 3/6); moist; 70% fine sand, 30% low plasticity fines.	
							CL	SILTY CLAY (CL): Dark Yellowish Brown (10YR 4/4); moist; 100% low-med plasticity fines.	
							SP	SAND (SP): Yellow (10YR 7/6); moist; 100% fine sand.	
	10				0.0		CL	CLAY (CL): Dark Yellowish Brown (10YR 4/6); mosit; 100% medium plasticity fines.	
							SM	SILTY SAND (SM): Yellowish Brown (10YR 4/6); moist; 70% fine sand, 30% low plasticity fines.	
							ML	SANDY SILT (ML): Dark Yellowish Brown (10YR 4/6); moist; 60% low plasticity fines, 40% fine sand.	
					0.0		CL	SILTY CLAY (CL): Dark Yellowish Brown (10YR 4/6); moist; 100% low-med plasticity fines.	
	15								
							SM	SILTY SAND (SM): Brownish Yellow (10YR 6/6); moist; 70% fine sand, 30% low plasticity fines.	
					0.0		SM		
							ML	SANDY SILT (ML): Yellowish Brown (10YR 5/6); moist; 60% low plasticity fines, 40% fine sand.	
	20						ML	SANDY SILT WITH CLAY (ML): Light Brownish Gray (10YR 6/2); moist; 30% fine sand, 70% low-med plasticity fines.	
					0.0				
							ML	SILT WITH SAND (ML): Yellowish Brown (10YR 5/6); moist; 90% low plasticity fines, 10% fine sand.	
	25								
					0.0		SP	SAND (SP): Light Yellowish Brown (10YR 6/4); moist; 100% fine sand.	
							ML	CLAYEY SILT (ML): Light Olive Brown (2.5Y 5/4); moist; 100% low-med plasticity fines.	
					0.0		SP	SAND (SP): Olive Yellow (2.5Y 6/8); moist; 100% fine sand.	

Sample Graphics

No Recovery
Fill reflects sample type

Geoprobe full recovery

Static ground water

Report: RAINBOW WELL LOG WELL ABOVE; File: BORING LOGS.GPJ; 9/30/13

ENVIRON
18100 Von Karman Ave, Suite 600, Irvine, CA 92612

Site ID:	EB-14	Date(s):	07/15/13
Project Number:	**05-31819A**	Project Name:	**AEA - Costa Mesa**

Elevation (ft)	Depth (ft)	Sample Interval	Sample No.	Time	PID (ppm)	Graphic Log	Material Code	Material Description	Water Level
					0.0		SP		
							SM	SILTY SAND (SM): Light Yellowish Brown (2.5Y 6/3); moist; 70% fine sand, 30% low plasticity fines.	
	35				0.0		SP-SM	SAND WITH SILT (SP-SM): Light Olive Brown (2.5Y 5/3); moist; 90% fine sand, 10% low plasticity fines.	
							SP	SAND (SP): Pale Yellow (2.5Y 7/4); moist; 100% fine-medium sand.	
					0.0				
	40						SM	SILTY SAND (SM): Light Olive Brown (2.5Y 4/3); moist; 70% fine sand, 30% low plasticity fines.	
					0.0		SP	SAND (SP): Light Olive Brown (2.5Y 4/3); very moist; 100% fine-medium sand.	
							SM	SILTY SAND (SM): Light Olive Brown (2.5Y 5/9); saturated; 70% fine sand, 30% low plasticity fines.	
	45				0.0				▼
								Boring terminated at 46 feet bgs. Goundwater encountered at 44.8 feet bgs.	

Sample Graphics

No Recovery
Fill reflects sample type

Geoprobe full recovery

▼ Static ground water

Report: RAINBOW WELL LOG WELL ABOVE; File: BORING LOGS.GPJ; 9/30/13

ENVIRON
18100 Von Karman Ave, Suite 600, Irvine, CA 92612

Site ID: EB-2		Date(s): **07/15/13**	
Location: **775-777 West 16th Street, Costa Mesa, CA**			
Logged By: **B. Bauer**		Checked By: **S. Dergham, P.G.**	
Contractor: **H&P**		Purpose: **Site Characterization**	
Drilling Method: **Direct Push**		GS Elevation: **Not available**	TOC Elevation: **Not available**
Sampling Method: **Acetate Sleeves and Encores**		X Coordinate: **Not available**	Y Coordinate: **Not available**
Well Construction:		Borehole Dia.: **1.5 inches**	Total Depth: **50.0 feet**
Blank Casing:		Project Number: **05-31819A1**	
Screen:		Project Name: **AEA - Costa Mesa**	
Annular Fill:		Remarks: **Hand auger to 4.5 ft bgs. Groundwater was encountered at 45.3 ft bgs. HydroPunch groundwater sample collected at 45.3 feet bgs. Samples collected at 5 ft intervals.**	

Elevation (ft)	Depth (ft)	Sample Interval	Sample No.	Time	PID (ppm)	Graphic Log	Material Code	Material Description	Water Level
							SM	SILTY SAND (SM): Dark Yellowish Brown (10YR 4/4); moist; 70% fine sand, 30% low plasticity fines.	
							CL	SILTY CLAY (CL): Dark Yellowish Brown (10YR 4/4); moist; 100% low-medium plasticity fines.	
							ML	SANDY SILT (ML): Brown (7.5YR 4/4); moist; 60% low plasticity fines, 40% fine sand.	
	5		EB-2-5	1210	0.0		SM	SILTY SAND (SM): Brown (7.5YR 4/4); moist; 60% fine sand, 40% low plasticity fines.	
							SP	SAND (SP): Yellowish Brown (10YR 5/4); moist; 100% fine sand.	
	10		EB-2-10	1218	0.0				
							ML	CLAYEY SILT (ML): Dark Yellowish Brown (10YR 4/6); moist; 100% low-med plasticity fines.	
	15		EB-2-15	1222	0.3		ML	SANDY SILT (ML): Yellowish Brown (10YR 5/4); moist; 70% low plasticity fines, 30% fine sand.	
							SM	SILTY SAND (SM): Yellowish Brown (10YR 5/4); moist; 70% fine sand, 70% low plasticity fines.	
	20		EB-2-20	1230	0.2				
							SM	SILTY SAND (SM): Yellowish Brown (10YR 5/4); moist; 70% fine sand, 70% low plasticity fines.	
	25		EB-2-25	1235	0.2				
							SP	SAND (SP): Brownish Yellow (10YR 6/6); moist; 100% fine sand.	
					0.4				

Sample Graphics

No Recovery
Fill reflects sample type

Geoprobe full recovery

Hand auger.

Static ground water

Report: RAINBOW WELL LOG WELL ABOVE; File: BORING LOGS.GPJ; 9/30/13

ENVIRON
18100 Von Karman Ave, Suite 600, Irvine, CA 92612

Site ID:	EB-2	Date(s):	**07/15/13**
Project Number:	**05-31819A**	Project Name:	**AEA - Costa Mesa**

Elevation (ft)	Depth (ft)	Sample Interval	Sample No.	Time	PID (ppm)	Graphic Log	Material Code	Material Description	Water Level
			EB-2-30	1242					
	35		SB-2-35	1253	0.1		SP	SAND (SP): Yellowish Brown (10YR 5/4); moist; 100% fine-very fine sand.	
	40		SB-2-40	1305	0.3		SP	SAND (SP): Yellowish Brown (10YR 5/4); moist; 100% fine-medium sand.	
	45		SB-2-45	1330	0.0		SP	SAND (SP): Gray (10YR 5/1); saturated; 100% fine-medium grained sand.	▼
	50		SB-2-50	1340	0.0		SM	SILTY SAND (SM): Yellowish Brown (10YR 5/4); saturated; 70% fine sand, 30% low plasticity fines.	
								Boring terminated at 49 feet bgs. Groundwater was encountered at 45.3 feet bgs.	

Sample Graphics

No Recovery
Fill reflects sample type

Geoprobe full recovery

Hand auger.

▼ Static ground water

Report: RAINBOW WELL LOG WELL ABOVE; File: BORING LOGS.GPJ; 9/30/13

ENVIRON

18100 Von Karman Ave, Suite 600, Irvine, CA 92612

Site ID: EB-3		Date(s): **07/18/13**	
Location: **775-777 West 16th Street, Costa Mesa, CA**			
Logged By: **B. Bauer**		Checked By: **S. Dergham, P.G.**	
Contractor: **H&P**		Purpose: **Site Characterization**	
Drilling Method: **Direct Push**		GS Elevation: **Not available**	TOC Elevation: **Not available**
Sampling Method: **Acetate Sleeves and Encores**		X Coordinate: **Not available**	Y Coordinate: **Not available**
Well Construction:		Borehole Dia.: **2.75 inches**	Total Depth: **48.0 feet**
Blank Casing:		Project Number: **05-31819A1**	
Screen:		Project Name: **AEA - Costa Mesa**	
Annular Fill:		Remarks: **Groundwater was encountered at 43.6 feet bgs. Vapor probe installed at 40 ft bgs. HydroPunch groundwater sample collected at 43.6 feet bgs. Continuous logging.**	

Elevation (ft)	Depth (ft)	Sample Interval	Sample No.	Time	PID (ppm)	Graphic Log	Material Code	Material Description	Water Level
	5		EB-3-5	1520	0.0		SM	SILTY SAND (SM): Dark Yellowish Brown (10YR 6/4); moist; 70% fine sand, 30% low plasticity fines.	
							SP	SAND (SP): Strong Brown (10YR 5/6); moist; 100% fine sand.	
							ML	SANDY SILT (ML): Yellowish Brown (10YR 5/6); moist; 70% fine sand, 30% low plasticity fines.	
	10		EB-3-10	1525	0.0		SP	SAND (SP): Light Gray (10YR 4/1); moist; 100% fine sand.	
					0.0				
	15		EB-3-15	1532					
					0.0		ML	CLAYEY SILT (ML): Dark Yellowish Brown (10YR 3/4); moist; 100% low-med plasticity fines.	
	20		EB-3-20	1545			ML	SANDY SILT (ML): Dark Yellowish Brown (10YR 3/4); moist; 70% low plasticity fines, 30% fine sand.	
					0.1		SM	SILTY SAND (SM): Greyish Brown (10YR 5/2); moist; 70% low plasticity fines, 30% fine sand.	
	25		EB-3-25	1552	0.0		SP	SAND (SP): Very Pale Brown (10YR 8/3); moist; 100% fine sand; iron oxide staining.	

Sample Graphics

No Recovery
Fill reflects sample type

Geoprobe full recovery

Static ground water

Report: RAINBOW WELL LOG WELL ABOVE; File: BORING LOGS.GPJ; 9/30/13

ENVIRON
18100 Von Karman Ave, Suite 600, Irvine, CA 92612

Site ID:	EB-3	Date(s):	**07/18/13**
Project Number:	**05-31819A**	Project Name:	**AEA - Costa Mesa**

Elevation (ft)	Depth (ft)	Sample Interval	Sample No.	Time	PID (ppm)	Graphic Log	Material Code	Material Description	Water Level
			EB-3-30	1600	0.0		SM	SILTY SAND (SM): Grayish Brown ((10YR 5/2); moist; 70% fine sand, 30% low plasticity fines.	
					0.0		SP	SAND (SP): Very Pale Brown (10YR 7/3); moist; 100% fine sand; iron oxide staining.	
	35		EB-3-35	1605	0.1				
	40		EB-3-40	1612			SP-SM	SAND WITH SILT (SP-SM): Brown (10YR 5/3); moist; 90% fine sand, 10% silt.	
							SP	SAND (SP): Very Pale Brown (10YR 4/3); moist; 100% fine sand; iron oxide staining.	
								At 43 feet: Strong Brown (10YR 5/6); very moist; 100% fine sand; iron oxide staining.	▼
	45		EB-3-45	1640	0.2				
					0.0			At 46 feet: Strong Brown (10YR 5/6); saturated; 100% fine sand; iron oxide staining.	
								Boring terminated at 48 feet bgs. Groundwater encountered at 43.6 bgs.	

Sample Graphics

No Recovery
Fill reflects sample type

Geoprobe full recovery

▼ Static ground water

Report: RAINBOW WELL LOG WELL ABOVE; File: BORING LOGS.GPJ; 9/30/13

ENVIRON
18100 Von Karman Ave, Suite 600, Irvine, CA 92612

Site ID: EB-4		Date(s): **07/17/13**	
Location: **775-777 West 16th Street, Costa Mesa, CA**			
Logged By: **B. Bauer**		Checked By: **S. Dergham, P.G.**	
Contractor: **H&P**		Purpose: **Site Characterization**	
Drilling Method: **Direct Push**		GS Elevation: **Not available**	TOC Elevation: **Not available**
Sampling Method: **Acetate Sleeves and Encores**		X Coordinate: **Not available**	Y Coordinate: **Not available**
Well Construction:		Borehole Dia.: **2.75 inches**	Total Depth: **46.0 feet**
Blank Casing:		Project Number: **05-31819A1**	
Screen:		Project Name: **AEA - Costa Mesa**	
Annular Fill:		Remarks: **Groundwater encountered at 44.8 ft bgs. Vapor probe installed at 40 ft bgs. HydroPunch groundwater sample collected at 44.8 feet bgs. Continuous logging.**	

Elevation (ft)	Depth (ft)	Sample Interval	Sample No.	Time	PID (ppm)	Graphic Log	Material Code	Material Description	Water Level
							ML	SANDY SILT (ML): Dark Yellowish Brown (10YR 4/4); 70% low plasticity fines, 30% fine sand.	
	5		EB-4-5	1335	0.0		CL	CLAYEY SILT (CL): Dark Yellowish Brown (10YR 4/6); moist; 100% low-med plasticity fines.	
	10		EB-4-10	1349	0.0		SM	SILTY SAND (SM): Dark Yellowish Brown (10YR 5/4); moist; 70% fine sand, 30% low plasticity fines.	
	15		EB-4-15	1401	0.0		ML	CLAYEY SILT (ML): Dark Yellowish Brown (10YR 5/4); moist; 100% low-med plasticity fines.	
							ML	SANDY SILT (ML): Dark Yellowish Brown (10YR 4/4); moist; 70%	
							ML	CLAYEY SILT (ML): Dark Yellowish Brown (10YR 4/6); moist; 100% low-med plasticity fines.	
	20		EB-4-20	1432	0.0		ML	SILT (ML): Dark Yellowish Brown (10YR 4/6); moist; 100% low plasticity fines.	
	25		EB-4-25	1455			SM	SILTY SAND (SM): Dark Yellowish Brown (10YR 4/6); moist; 70% fine sand, 30% low plasticity fines.	
							SP	SAND (SP): Brownish Yellow (10YR 6/6); moist; 100% fine sand.	
							ML	SANDY SILT (ML): Dark Yellowish Brown (10YR 4/4); moist; 70% low plasticity fines, 30% fine sand.	
					0.0		SP	SAND (SP): Light Yellowish Brown (10YR 6/4); moist; 100% fine	

Sample Graphics

No Recovery
Fill reflects sample type

Geoprobe full recovery

Static ground water

Report: RAINBOW WELL LOG WELL ABOVE; File: BORING LOGS.GPJ; 9/30/13

ENVIRON
18100 Von Karman Ave, Suite 600, Irvine, CA 92612

Site ID:	EB-4	Date(s):	**07/17/13**
Project Number:	**05-31819A**	Project Name:	**AEA - Costa Mesa**

Elevation (ft)	Depth (ft)	Sample Interval	Sample No.	Time	PID (ppm)	Graphic Log	Material Code	Material Description	Water Level
			EB-4-30	1511			SP	sand; iron oxide staining.	
							ML	SANDY SILT (ML): Dark Yellowish Brown (10YR 4/4); 70% low plasticity fines, 30% fine sand.	
							SP	SAND (SP): Pale Brown (10YR 6/3); moist; 100% fine sand.	
							ML	SANDY SILT (ML): Dark Yellowish Brown (10YR 4/6); moist; 70% low plasticity fines, 30% fine sand.	
	35		EB-4-35	1548	0.0		SP	SAND (SP): Very Pale Brown (10YR 7/3); moist; 100% fine sand.	
					0.0			At 37 feet: Brownish Yellow (10YR 6/6); moist; 100% fine sand.	
	40		EB-4-40	1600				At 41 feet: Brownish Yellow (10YR 6/6); moist; 100% fine sand.	
								Advanced HydroPunch	▼
	45							Boring terminated at 46 feet bgs. Groundwater encountered at 44.8 feet bgs. HydroPunch was used to advance boring to 46 feet bgs. Groundwater sample collected using HydroPunch	

Sample Graphics

No Recovery
Fill reflects sample type

Geoprobe full recovery

▼ Static ground water

Report: RAINBOW WELL LOG WELL ABOVE; File: BORING LOGS.GPJ; 9/30/13

ENVIRON

18100 Von Karman Ave, Suite 600, Irvine, CA 92612

Site ID: EB-5		Date(s): **07/16/13**	
Location: **775-777 West 16th Street, Costa Mesa, CA**			
Logged By: **B. Bauer**		Checked By: **S. Dergham, P.G.**	
Contractor: **H&P**		Purpose: **Site Characterization**	
Drilling Method: **Direct Push**		GS Elevation: **Not available**	TOC Elevation: **Not available**
Sampling Method: **Acetate Sleeves and Encores**		X Coordinate: **Not available**	Y Coordinate: **Not available**
Well Construction:		Borehole Dia.: **1.5 inches**	Total Depth: **50.0 feet**
Blank Casing:		Project Number: **05-31819A1**	
Screen:		Project Name: **AEA - Costa Mesa**	
Annular Fill:		Remarks: **Hand augere to 4 ft bgs. Groundwater encountered at 45.5 ft bgs. HydroPunch groundwater sample collected at 45.5 feet bgs. Samples collected at 5 ft intervals.**	

Elevation (ft)	Depth (ft)	Sample Interval	Sample No.	Time	PID (ppm)	Graphic Log	Material Code	Material Description	Water Level
								SILTY CLAY (CL): Brown (7.5YR 4/4); moist; 100% low-med plasticity fines.	
	5		EB-5-5	1036			ML	SANDY SILT (ML): Dark Brown (7.5YR 3/4); moist; 70% low plasticity fines, 30% fine sand.	
	10		EB-5-10	1042	0.0		SM	SILTY SAND (SM): Strong Brown (7.5YR 5/6); moist; 70% fine sand, 30% low plasticity fines.	
	15		EB-5-15	1049	0.0		CL	SILTY CLAY (CL): Dark Grayish Brown (10YR 4/2); moist; 100% low-med plasticity fines.	
	20		EB-5-20	1055	0.0		SM	SILTY SAND (SM): Dark Yellowish Brown (10YR 4/4); moist; 70% fine sand, 30% low plasticity fines.	
	25		EB-5-25	1100	0.0		SM	SILTY SAND (SM): Dark Yellowish Brown (10YR 4/4); moist; 70% fine sand, 30% low plasticity fines.	
					0.0		SP	SAND (SP): Very Pale Brown (10YR 7/4); moist; 100% fine sand.	

Sample Graphics

No Recovery
Fill reflects sample type

Geoprobe full recovery

Hand auger.

Static ground water

Report: RAINBOW WELL LOG WELL ABOVE; File: BORING LOGS.GPJ; 9/30/13

ENVIRON
18100 Von Karman Ave, Suite 600, Irvine, CA 92612

Site ID:	EB-5	Date(s):	**07/16/13**
Project Number:	**05-31819A**	Project Name:	**AEA - Costa Mesa**

Elevation (ft)	Depth (ft)	Sample Interval	Sample No.	Time	PID (ppm)	Graphic Log	Material Code	Material Description	Water Level
			EB-5-30	1107					
	35		EB-5-35		0.0		SP	SAND (SP): Light Brownish Gray (2.5Y 6/2); moist; 100% fine sand.	
	40		EB-5-40	1135	0.0		SP	SAND (SP): Light Brownish Gray (2.5Y 6/2); moist; 100% fine sand.	
	45		EB-5-45	1150	0.0		SP	SAND (SP): Olive Brown (2.5YR 4/4); very moist; 100% fine grained sand.	▼
	50		EB-5-50	1158	0.0		SM	SILTY SAND (SM): Olive Brown (2.5YR 4/4); saturated; 70% fine sand, 30% low plasticity fines.	
								Boring terminated at 50 feet bgs. Groundwater encountered at 45.5 feet bgs.	

Sample Graphics

No Recovery
Fill reflects sample type

Geoprobe full recovery

Hand auger.

▼ Static ground water

Report: RAINBOW WELL LOG WELL ABOVE; File: BORING LOGS.GPJ; 9/30/13

ENVIRON

18100 Von Karman Ave, Suite 600, Irvine, CA 92612

Site ID: EB-6		Date(s): **07/17/13**	
Location: **775-777 West 16th Street, Costa Mesa, CA**			
Logged By: **B. Bauer**		Checked By: **S. Dergham, P.G.**	
Contractor: **H&P**		Purpose: **Site Characterization**	
Drilling Method: **Direct Push**		GS Elevation: **Not available**	TOC Elevation: **Not available**
Sampling Method: **Acetate Sleeves and Encores**		X Coordinate: **Not available**	Y Coordinate: **Not available**
Well Construction:		Borehole Dia.: **1.5 inches**	Total Depth: **46.0 feet**
Blank Casing:		Project Number: **05-31819A1**	
Screen:		Project Name: **AEA - Costa Mesa**	
Annular Fill:		Remarks: **Groundwater encountered at 44.2 ft bgs. HydroPunch groundwater sample collected at 44.2 feet bgs. Samples collected at 5 ft intervals.**	

Elevation (ft)	Depth (ft)	Sample Interval	Sample No.	Time	PID (ppm)	Graphic Log	Material Code	Material Description	Water Level
	5		EB-6-5	0819	0.0		CL	SILTY CLAY (CL): Stong Brown (7.5YR 5/6); moist; 100% low-med plasticity fines.	
	10		EB-6-10	0820	0.0		SP-SM	SAND WITH SILT (SP-SM): Strong Brown (7.5Y 5/6); moist; 85% fine sand, 15% low plastic fines.	
	15		EB-6-15	0844	0.0		SM	SILTY SAND (SM): Strong Brown (7.5YR 4/6); moist; 70% fine sand, 30% low plasticity fines.	
	20		EB-6-20	0850	0.0		SM	SILTY SAND (SM): Brown (10YR 5/4); moist, 70% fine sand, 30% low plasticity fines.	
	25		EB-6-25	0912	0.0		SM	SILTY SAND (SM): Brown (10YR 5/4); moist, 70% fine sand, 30% low plasticity fines.	
					0.0		SP	SAND (SP): Yellowish Brown (10YR 5/6); moist; 100% fine sand.	

Sample Graphics

No Recovery
Fill reflects sample type

Geoprobe full recovery

Static ground water

Report: RAINBOW WELL LOG WELL ABOVE; File: BORING LOGS.GPJ; 9/30/13

ENVIRON
18100 Von Karman Ave, Suite 600, Irvine, CA 92612

Site ID:	EB-6	Date(s):	**07/17/13**
Project Number:	**05-31819A**	Project Name:	**AEA - Costa Mesa**

Elevation (ft)	Depth (ft)	Sample Interval	Sample No.	Time	PID (ppm)	Graphic Log	Material Code	Material Description	Water Level
			EB-6-30	0916					
					0.0		SP	SAND (SP): Light Gray (10YR 7/1); moist; 100% fine sand.	
	35		EB-6-35	1009					
					0.0		SP	SAND (SP): Yellowish Brown (10YR 5/6); moist; 100% fine sand.	
	40		EB-6-40	1105					
					0.0		SP	SAND (SP): Yellowish Brown (10YR 5/6); very moist; 100% fine sand.	
	45						SP	At 44 feet: saturated.	▼
								Boring terminated at 46 feet bgs. Groundwater encountered at 44.2 feet bgs.	

Sample Graphics

No Recovery
Fill reflects sample type

Geoprobe full recovery

▼ Static ground water

Report: RAINBOW WELL LOG WELL ABOVE; File: BORING LOGS.GPJ; 9/30/13

ENVIRON
18100 Von Karman Ave, Suite 600, Irvine, CA 92612

Site ID: EB-7		Date(s): **07/16/13**	
Location: **775-777 West 16th Street, Costa Mesa, CA**			
Logged By: **B. Bauer**		Checked By: **S. Dergham, P.G.**	
Contractor: **H&P**		Purpose: **Site Characterization**	
Drilling Method: **Direct Push**		GS Elevation: **Not available**	TOC Elevation: **Not available**
Sampling Method: **Acetate Sleeves and Encores**		X Coordinate: **Not available**	Y Coordinate: **Not available**
Well Construction:		Borehole Dia.: **2.75 inches**	Total Depth: **48.0 feet**
Blank Casing:		Project Number: **05-31819A1**	
Screen:		Project Name: **AEA - Costa Mesa**	
Annular Fill:		Remarks: **Hand auger to 4 ft bgs. Groundwater encountered at 45.1 ft bgs. Vapor probe installed at 40 ft bgs. HydroPunch groundwater sample collected at 45.1 feet bgs. Continuous logging.**	

Elevation (ft)	Depth (ft)	Sample Interval	Sample No.	Time	PID (ppm)	Graphic Log	Material Code	Material Description	Water Level
								CLAYEY SILT (ML): Dark Brown (7.5YR 3/3); moist; 100% low-medium plasticity fines.	
	5		EB-7-5	0730	0.0		ML	CLAYEY SILT (ML): Dark Brown (7.5YR 3/3); moist; 100% low-medium plasticity fines.	
							ML	SANDY SILT (ML): Dark Brown (7.5YR 3/3); moist; 70% low plasticity fines, 30% fine sand.	
	10		EB-7-10	0736	2.1		CL	SILTY CLAY (CL); Brown (10YR 4/4); moist; 100% low-medium plasticity fines.	
							CL	At 12 feet: Dark Brown (7.5YR 3/3); moist; 100% low-medium plasticity fines; iron oxide lenses.	
	15		EB-7-15	0742	23.4		ML	CLAYEY SILT (ML): Light Olive Brown (2.5Y 5/3); moist; 100% low-medium plasticity fines.	
					9.8		SP	SAND (SP): Yellowish Brown (10YR 5/6); moist; 100% fine-medium sand.	
	20		EB-7-20	0755			ML	CLAYEY SILT (ML): Olive Brown (2.5Y 4/4); moist; 100% low-med plasticity fines.	
					1.0		CL	SILTY CLAY (CL): Olive Brown (2.5Y 4/4); moist; 100% low-medium plasticity fines.	
							ML	CLAYEY SILT (ML): Olive Brown (2.5Y 4/4); moist; 100% low-med plasticity fines.	
	25		EB-7-25	0819	1.3		ML		
							SM	SILTY SAND (SM): Olive Yellow (2.5Y 6/6); moist; 80% fine-very fine sand, 20% low plasticity fines.	
							ML	SILT (ML): Olive Brown (2.5Y 4/4); moist; 100% low plasticity fines.	
							SM	SILTY SAND (SM): Olive Yellow (2.5Y 6/6); moist; 70% fine sand,	

Sample Graphics

No Recovery
Fill reflects sample type

Geoprobe full recovery

Hand auger.

Static ground water

Report: RAINBOW WELL LOG WELL ABOVE; File: BORING LOGS.GPJ; 9/30/13

ENVIRON
18100 Von Karman Ave, Suite 600, Irvine, CA 92612

Site ID:	EB-7	Date(s):	**07/16/13**
Project Number:	**05-31819A**	Project Name:	**AEA - Costa Mesa**

Elevation (ft)	Depth (ft)	Sample Interval	Sample No.	Time	PID (ppm)	Graphic Log	Material Code	Material Description	Water Level
			EB-7-30	0825	0.0		SM	30% low plasticity fines.	
							ML	SANDY SILT (ML): Light Olive Brown (2.5Y 6/4); moist; 70% low plasticity fines, 30% fine sand.	
					0.0		SP	SAND (SP): Yellow (2.5Y 8/6); moist; 100% fine-very fine sand.	
	35		EB-7-35	0835				At 35 feet: Yellow (2.5Y 7/6).	
								At 38 feet: Light Yellowish Brown (2.5Y 6/4).	
	40		EB-7-40	0900	0.0			At 39 feet: Light Olive Brown (2.5Y 6/4); very moist.	
								At 43 feet: saturated	
	45		EB-7-45	0905	0.0				▼
								Boring terminated at 48 feet bgs. Groundwater encountered at 45.1 feet bgs.	

Sample Graphics

No Recovery
Fill reflects sample type

Geoprobe full recovery

Hand auger.

▼ Static ground water

Report: RAINBOW WELL LOG WELL ABOVE; File: BORING LOGS.GPJ; 9/30/13

PA2014-110

ENVIRON
18100 Von Karman Ave, Suite 600, Irvine, CA 92612

Site ID: EB-8		Date(s): **07/18/13**	
Location: **775-777 West 16th Street, Costa Mesa, CA**			
Logged By: **B. Bauer**		Checked By: **S. Dergham, P.G.**	
Contractor: **H&P**		Purpose: **Site Characterization**	
Drilling Method: **Direct Push**		GS Elevation: **Not available**	TOC Elevation: **Not available**
Sampling Method: **Acetate Sleeves and Encores**		X Coordinate: **Not available**	Y Coordinate: **Not available**
Well Construction:		Borehole Dia.: **1.5 inches**	Total Depth: **10.5 feet**
Blank Casing:		Project Number: **05-31819A1**	
Screen:		Project Name: **AEA - Costa Mesa**	
Annular Fill:		Remarks: **Vapor probe installed at 6 and 10 ft bgs. Samples collected at 5 ft intervals.**	

Elevation (ft)	Depth (ft)	Sample Interval	Sample No.	Time	PID (ppm)	Graphic Log	Material Code	Material Description	Water Level
	4			0736	0.0		ML	CLAYEY SILT (ML): Dark Brown (10YR 3/3); moist; 100% low-med plasticity fines.	
	8			0745	0.0		SM	SILTY SAND (SM): Dark Yellowish Brown (10YR 4/4); moist; 60% fine sand, 40% low plasticity fines.	
								Boring terminated at 10.5 feet bgs.	

Sample Graphics

No Recovery
Fill reflects sample type

Geoprobe full recovery

Report: RAINBOW WELL LOG WELL ABOVE; File: BORING LOGS.GPJ; 9/30/13

ENVIRON

18100 Von Karman Ave, Suite 600, Irvine, CA 92612

Site ID: EB-9		Date(s): **07/16/13**	
Location: **775-777 West 16th Street, Costa Mesa, CA**			
Logged By: **B. Bauer**		Checked By: **S. Dergham, P.G.**	
Contractor: **H&P**		Purpose: **Site Characterization**	
Drilling Method: **Direct Push**		GS Elevation: **Not available**	TOC Elevation: **Not available**
Sampling Method: **Acetate Sleeves and Encores**		X Coordinate: **Not available**	Y Coordinate: **Not available**
Well Construction:		Borehole Dia.: **1.5 inches**	Total Depth: **48.0 feet**
Blank Casing:		Project Number: **05-31819A1**	
Screen:		Project Name: **AEA - Costa Mesa**	
Annular Fill:		Remarks: **Groundwater encountered at 43.2 ft bgs. Vapor probes installed at 5, 10, and 38 ft bgs. HydroPunch groundwater sample collected at 43.2 feet bgs. Samples collected at 5 ft intervals.**	

Elevation (ft)	Depth (ft)	Sample Interval	Sample No.	Time	PID (ppm)	Graphic Log	Material Code	Material Description	Water Level
								SANDY SILT (ML): Dark Brown (10YR 3/3); moist; 70% low plasticity fines, 30% fine sand.	
	5		EB-9-5	1357	0.0		ML	CLAYEY SILT (ML): Very Dark Grayish Brown (10YR 3/3); moist; 100% low-medium plasticity fines.	
	10		EB-9-10		0.0		ML	SANDY SILT (ML): Dark Yellowish Brown (10YR 4/4); 70% low plasticity fines, 30% fine sand.	
	15		EB-9-15	1415	0.0		ML	CLAYEY SILT (ML): Dark Yellowish Brown (10YR 4/6); moist; 100% low-med plasticity fines.	
	20		EB-9-20	1420	0.0		SM	SILTY SAND (SM): Brownish Yellow (10YR 6/8); moist; 70% fine sand, 30% low plasticity fines.	
	25		EB-9-25	1427	0.0		SP-SM	SAND WITH SILT (SP-SM): Brownish Yellow (10YR 6/8); moist; 90% fine sand, 10% low plasticity fines.	
					0.0		SM	SILTY SAND (SM): Brownish Yellow (10YR 6/6); moist; 70% fine sand, 30% low plasticity fines.	

Sample Graphics

No Recovery
Fill reflects sample type

Geoprobe full recovery

Static ground water

Report: RAINBOW WELL LOG WELL ABOVE; File: BORING LOGS.GPJ; 9/30/13

ENVIRON
18100 Von Karman Ave, Suite 600, Irvine, CA 92612

Site ID:	EB-9	Date(s):	**07/16/13**
Project Number:	**05-31819A**	Project Name:	**AEA - Costa Mesa**

Elevation (ft)	Depth (ft)	Sample Interval	Sample No.	Time	PID (ppm)	Graphic Log	Material Code	Material Description	Water Level
			EB-9-30	1435					
					0.0		SP	SAND (SP): Pale Yellow (2.5Y 8/4); moist; 100% fine sand.	
	35		EB-9-35	1500					
					0.0		SP	SAND (SP): Olive Yellow (2.5Y 4/3); mosit; 100% fine-medium sand.	
	40		EB-9-40	1515					
					0.0		SP	SAND (SP): Olive Yellow (2.5Y 4/3); saturated; 100% medium-coarse sand.	▼
	45		EB-9-45	1530					
			EB-9-50	1537	0.0		SP	SAND (SP): Light Yellowish Brown (2.5Y 6/3); saturated; 100% medium-coarse sand.	
								Boring terminated at 48 feet bgs. Groundwater encountered at 43.2 feet bgs.	

Sample Graphics

No Recovery
Fill reflects sample type

Geoprobe full recovery

▼ Static ground water

Report: RAINBOW WELL LOG WELL ABOVE; File: BORING LOGS.GPJ; 9/30/13

PA2014-110

Ebb Tide Mobile Home Park

1560 Placentia Ave., Newport Beach, CA 92663 (949) 548-7421

October 2, 2013

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_____

_____

Re: *Notice of Potential Environmental Conditions*

Dear Tenant:

The purpose of this letter is to notify you of the status of environmental investigations being conducted at the EBB Tide Mobile Home Park, and at an adjoining property located at 775-777 West 16th Street, Costa Mesa, California (the "AEA Property"). The AEA Property abuts the EBB Tide Mobile Home Park's northern boundary, across the fence from units A-8, A-9, and A-10.

By letter dated May 2, 2012, we notified you of a request by neighboring property owner AEA Investment V LLC ("AEA") and its consultant, Environmental Audit, Inc., to conduct air sampling on the EBB Tide Mobile Home Park to determine the presence or absence of chemicals at the site. Specifically, Environmental Audit, Inc. requested access to the EBB Tide Mobile Home Park to collect samples from the "crawl spaces" beneath the mobile homes located at spaces A9 and A10, and one ambient air sample.

By letter dated July 30, 2012, we notified you that Environmental Audit completed this air sampling on July 6, 2012, and prepared a written report of its sampling and testing activities, entitled *"Air Sampling Results for the EBB Tide Mobile Home Park,"* dated July 23, 2012. A copy of this report was made available, and remains available, for your review at the EBB Tide Mobile Home Park office during regular office hours.

By letter dated February 8, 2013, we notified you that Environmental Audit conducted additional air sampling on January 7-8, 2013, and prepared a written report of its sampling and testing activities, entitled *"Air Sampling Results (Second Event) for the EBB Tide Mobile Home Park,"* dated January 29, 2013. A copy of this report was made available, and remains available, for your review at the EBB Tide Mobile Home Park office during regular office hours.

From July 15 through 18, 2013, AEA's new consultant – ENVIRON – conducted soil, soil vapor, and groundwater sampling at the AEA property and the EBB Tide Mobile Home Park. The test results from this sampling have been compiled in a *"Data Package,"* dated

September 30, 2013. A copy of this data package is available for your review at the EBB Tide Mobile Home Park office during regular office hours.

Pursuant to California's Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65), Cal. Health & Saf. Code, §25249 .5, et seq., we provide you with the following notice:

> WARNING: The EBB Tide Mobile Home Park contains chemicals known to the State of California to cause cancer, birth defects and other reproductive harm.

If you have any questions or wish to obtain additional information about these matters, you may contact Mr. Luis Lodrigueza at the Orange County Health Care Agency ("OCHCA"), at (714) 433-6253. Additional information concerning the environmental contamination at the AEA Site may be available for your review at the OCHCA offices, located at 1241 East Dyer Road, #120, Santa Ana, California.

Sincerely,

TFP Management, Inc.

By: Joe LaBarbera

PA2014-110

Lodrigueza, Luis

From: Eddie Arslanian <EArslanian@environcorp.com>
Sent: Wednesday, November 20, 2013 3:38 PM
To: Lodrigueza, Luis
Cc: 'Saremi, Kamron@Waterboards'; Abrahm (dabrahm@hotmail.com)
Subject: RE: AEA Investments - ENVIRON Report: Supplemental Investigation

Hi Luis,

I spoke to Kamron yesterday and AEA Investments will be entering into a cost recovery agreement with the Santa Ana Water Quality Control Board. We expect to get that completed in short order.

In the interim, we will prepare and submit to you an on-site indoor air sampling workplan for your approval.

Thank you, Eddie.

From: Lodrigueza, Luis [mailto:LLodrigueza@ochca.com]
Sent: Monday, November 04, 2013 11:01 AM
To: Eddie Arslanian; Abrahm (dabrahm@hotmail.com)
Cc: 'Saremi, Kamron@Waterboards'
Subject: AEA Investments - ENVIRON Report: Supplemental Investigation
Importance: High

Eddie,

Following are comments regarding subject report:

1. OCHCA will await your work plan for indoor air sampling at the site. The sampling, however, does not relieve AEA of conducting additional soil vapor investigation of the immediately adjoining properties to the east and west.
2. As the property owner, AEA has the responsibility to pursue the investigation of soil and soil vapor in the vicinity of the sump, including possible vapor intrusion risk to residents of the other Ebb Tide Mobile Homes Park units B7 through B9 (these latter units in spite of ENVIRON's no further action for units A9 and A10).
3. As stated in Item #2 above, it is the owner's responsibility to pursue groundwater investigation to define the extent of dissolved phase contamination.

Please note that neither OCHCA nor the RWQCB has the resources to pursue prior on-site operators and ask them to take necessary steps to remedy the impact caused by the solvents releases. Even if AEA were to enter into a cost recovery agreement with the RWQCB in an effort to obtain a 'cleanup and abatement order', such a process is quite complicated and would take a protracted time to materialize. A better alternative would probably for AEA to get the services of an environmental law firm to pursue prior on-site operators and litigate in an effort to require them to clean up the impact caused by the solvents release.

Prior to a successful litigation by AEA, however, all necessary site investigations--of the other Ebb Tide Mobile units, of the AEA structures, adjoining properties—related to soil, soil vapor and groundwater must be pursued by AEA in order to obtain information to determine exactly what impact(s) site contamination has on public health, safety and water resources.

Luis Lodrigueza

PA2014-110

ENVIRON

December 17, 2013

RECEIVED HCA
DEC 19 2013
ENVIRONMENTAL HLTH

Via Electronic and US Mail

Mr. Luis Lodrigueza
Hazardous Waste Specialist
Hazardous Materials Mitigation Section
County of Orange Health Care Agency
1241 East Dyer Road, #120
Santa Ana, California 92705-5611

Re: Indoor Air Quality Sampling Work Plan
775-777 West 16th Street (Case No. 09IC002)
Costa Mesa, California

Dear Mr. Lodrigueza:

ENVIRON International Corporation (ENVIRON) has prepared this Work Plan, on behalf of AEA Investments V, LLC (AEA), to conduct indoor air quality (IAQ) sampling within the building located at 775-777 West 16th Street, Costa Mesa, California ("site", Figure 1). This Work Plan has been prepared as a follow-up to ENVIRON's "*Supplemental Site Investigation Report dated October 30, 2013*" (the SSI Report), which was submitted to the Orange County Health Care Agency (OCHCA) and recommended, among other things, conducting IAQ sampling to further evaluate the potential for vapor intrusion of volatile organic compounds (VOCs) into the on-site building.[1] This Work Plan contains a site description and background, summary of prior environmental investigations, objective, scope of work, and schedule to implement the sampling.

Site Description

The site is located on the south side of West 16th Street, approximately 250 feet east of the intersection of West 16th Street and Placentia Avenue in Costa Mesa. The site consists of one 0.85-acre parcel developed with a single-story building of approximately 15,236 square feet (the "site building"). The site building has been divided into two equal-sized tenant spaces of approximately 7,618 square feet each. The site is almost entirely covered by the site building or pavement, except for minor landscaping along West 16th Street (Figure 2).

The site is located in an industrial area of Costa Mesa and is bound to the north by West 16th Street, to the west by Wet Work's Garage, to the east by Criterion Machine Works, and to the south by the EBB Tide Mobile Home Park.

Background

According to previous environmental reports, the site was undeveloped or vacant land in 1901 and 1902, was used for dry field crops and/or row crops from at least 1927 to 1953, and developed beginning in 1955. The site building was added sometime after 1955. Flexible Metal Hose Manufacturing Company reportedly occupied the entire site from at least 1957 until circa 1980, and the eastern portion of the site building from circa 1980 to at least 1986. Historic records indicate that

[1] ENVIRON. 2013. Supplemental Site Investigation Report, (Case No. 09IC002), 775-777 West 16th Street, Costa Mesa, California. October 30.

PA2014-110

a permit was issued to Flexible Metal Hose Manufacturing Company in 1978 for the operation of a tetrachloroethene (PCE) vapor-style type degreaser. The western portion of the site building was reportedly occupied by West Coast Woodworking (who also did business as Antiques Warehouse) from 1982 until mid-2008. Other tenants of the eastern portion of the site building have included Hills Generator Systems (1991 to 1995), West Coast Panel (1991 to 1995), LT Electronics (1997 to 1999) OCG, Inc., a cable harness assembly and electronic component sales company (1997 to 2005), and Murray Scott Construction (2005 until early 2009). Other tenants of the western portion of the site building have included Mr. Howie Berkowitz, who restored antique automobiles (February 2010 until at least August 2010).

AEA is the current owner of the site and has owned it since August 2008. AEA has been the sole owner at the site and has not performed any on-site operations since its ownership. The site is currently vacant.

Summary of Previous Environmental Assessments

A brief summary of previous environmental assessments conducted at the site to date is provided below and organized chronologically.

A Phase I Environmental Site Assessment (ESA) conducted at the site by Tetra Tech, Inc. (TTI) in July 2008 identified several Potential Environmental Concerns (PECs). Based on the Phase I report, TTI conducted two subsurface investigations in August and September 2008, which identified VOCs, primarily PCE and trichloroethene (TCE) in soil, soil vapor, and groundwater. As a result of the findings from the TTI investigations, AEA retained Environmental Audit Inc. (EAI) to prepare a site investigation summary report and work plan for the site, and to implement a soil vapor extraction (SVE) system to mitigate the VOCs reported in soil vapor beneath the site building. EAI installed a total of six SVE wells and several nested vapor probes to monitor the efficiency of the SVE efforts at the site. The SVE system reportedly operated intermittently between January 2009 and April 2010, and appears to have significantly reduced the concentrations of VOCs present in the soil vapor beneath the site.

In addition to the on-site investigation work, EAI also conducted three off-site IAQ sampling events at the request of OCHCA between July 2012 and March 2013 to assess potential VOC vapor intrusion at the residential trailer units located adjacent and immediately south of the site (EBB Tide Mobile Home Park). The OCHCA determined that the results of the investigation were inconclusive, and requested certain additional investigations be performed to delineate the extent of chlorinated solvent impacts both on, and potentially downgradient, from the site.

In July 2013, ENVIRON performed additional subsurface investigations at the site and EBB Tide Mobile Home Park to address the OCHCA's request. ENVIRON's additional investigations, as well as the conclusions and recommendations are documented in the SSI Report.

Further, in an effort to more accurately evaluate soil vapor data at the site as it relates to potential VOC vapor intrusion impacts, ENVIRON developed site-specific risk based target concentrations (RBTCs) in lieu of comparing the soil vapor data to screening levels published by regulatory agencies. RBTCs are health-based, chemical-specific concentrations used to evaluate whether contaminants are present in a particular medium (e.g. soil vapor) at a site at concentrations of concern for public health. Most of the soil vapor data collected from beneath or near the on-site building are below site-specific commercial RBTCs, with the exception of two locations within the warehouse area of the 775 West 16th Street tenant space. Accordingly, ENVIRON recommended, among other things, conducting IAQ sampling to further evaluate the potential for VOC vapor intrusion into the on-site building.

PA2014-110

Objective

The objective of this Work Plan is to further evaluate the potential for VOC vapor intrusion into the on-site building.

Scope of Work

The scope of work will include the following tasks: 1) pre-field activities and mobilization; 2) conduct ambient and IAQ sampling at the site; and 3) reporting.

Task 1: Pre-Field Activities and Mobilization

ENVIRON will coordinate with Calscience Environmental Laboratories (Calscience) of Garden Grove, California, a California-state certified fixed analytical laboratory, and schedule the sampling with site representatives.

Task 2: IAQ and Ambient Air Sampling

ENVIRON plans to collect nine IAQ samples representative of the work areas within the two tenant spaces of the site building. Three ambient air samples will be collected while indoor air sampling is being conducted. Approximate sample locations are shown on Figure 3. The rationale for the placement of IAQ sample locations is provided below:

775 West 16th Street

- One IAQ sample will be located inside the front entrance area (IAQ-775-1), as shown on Figure 3. This sample will be representative of the air quality in the office space.
- Two IAQ samples will be located inside the main warehouse area, with one IAQ sample at each end (IAQ-775-2 and IAQ-775-3), as shown on Figure 3.
- One IAQ sample will be located inside the center of the southern storage room of each tenant space (IAQ-775-4), as shown on Figure 3.
- One IAQ sample will be located inside the bathroom (IAQ-775-5), as shown on Figure 3, and will be used to evaluate potential VOC migration from preferential pathways such as water pipes.

777 West 16th Street

- One IAQ sample will be located inside the front entrance area (IAQ-777-1), as shown on Figure 3. This sample will be representative of the air quality in the office space.
- Two IAQ samples will be located inside the main warehouse area, with one IAQ sample at each end (IAQ-777-2 and IAQ-777-3), as shown on Figure 3.
- One IAQ sample will be located inside the center of the southern storage room (IAQ-777-4), as shown on Figure 3
- Three samples (OAS-NE, OAS-NW, and OAS-SW) will be collected at outdoor locations to characterize ambient conditions at the property at the time of the indoor sampling.

Sampling will be performed during normal working hours. The onsite HVAC system is not currently operational and therefore will remain off during the IAQ testing. Additionally roll-up doors, fire doors, and windows in the building will be closed during the IAQ testing. The sampling will be performed using the following methodology and assumptions:

- As practicable, IAQ samples will be placed in the center of the room.

- Due to the potential interference from indoor air sources, a site survey will be conducted to identify the presence of products that may be additional potential indoor air source(s). Identified areas of potential concern, if any, will be screened the day of sampling using a photoionization detector (PID) with a 10.6 electron volt lamp.
- IAQ sampling will be performed in general accordance with DTSC/California Environmental Protection Agency's *Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air –Final*.[2]
- All IAQ and ambient air samples will be collected using 6-Liter stainless steel SUMMA™ canisters and flow regulators individually certified clean for the target analytes.[3] One duplicate and one trip blank sample will be collected.
- All IAQ and ambient air samples will be integrated composite samples collected over an eight-hour work day.
- As recommended by DTSC, IAQ samples will be collected at an approximate height between three to five feet and ambient air samples will be collected at an approximate height of six feet.
- IAQ and ambient air samples will be submitted under standard chain-of-custody protocols to Calscience for analysis.
- IAQ and ambient air samples will be analyzed for those VOCs that have been reported in subsurface soil gas, soil, and/or groundwater and will consist of TCE, PCE, benzene, naphthalene, m,p-xylene, chloroform, 1,1-DCE, cis-1,2-DCE, and vinyl chloride using the United States Environmental Protection Agency (USEPA) Method TO-15 select ion method (SIM).

The sampling results will represent the concentrations of the target compounds measured on the day of sampling. Concentrations of VOCs in ambient and indoor air can change as a result of a variety of factors, including, but not limited to, outdoor air pressure, wind direction, and building ventilation rate. ENVIRON will endeavor to produce a representative sample of ambient and indoor air under typical conditions; however, air concentrations of VOCs can vary both as a function of time and sampling location.

Task 3: Data Evaluation and Reporting

Upon completion of the sampling, ENVIRON will evaluate the data and compare it to site-specific RBTCs for indoor air that will be calculated by ENVIRON, as well as to the ambient data and the USEPA Building Assessment Survey and Evaluation (BASE) study's average indoor air mean concentration for office buildings.[4]

It is important to note that items, if any, stored inside the site building may off-gas VOCs that could potentially show up in the laboratory analytical results and may complicate the interpretation of the data. In addition, COPCs such as PCE can also be found in indoor air due to indoor air sources[5] not associated with VOC vapor migration.

---

[2] Department of Toxic Substances Control – California Environmental Protection Agency, 2011. Final Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air, October.

[3] Target analytes will be present below laboratory reporting limits.

[4] USEPA, 2006. Data on Indoor Air Quality in Public and Commercial Buildings, Building Assessment Survey and Evaluation, January.

[5] USEPA, 2006. Data on Indoor Air Quality in Public and Commercial Buildings, Building Assessment Survey and Evaluation, January. The BASE study was an evaluation performed by USEPA that evaluated indoor air quality at up to 100 typical commercial buildings between 1994 and 1998. The arithmetic mean for PCE in these buildings was 3.8 cubic micrograms per meter.

Upon completion of the work outlined here, the report will be submitted to OCHCA.

Initiation of Activities

ENVIRON will schedule the field activities once OCHCA has authorized the work outlined in this Work Plan. ENVIRON estimates that it can complete the tasks outlined above in accordance with the following tentative schedule.

Task	Description	Estimated Schedule
1	Pre-Field Activities and Mobilization	2 weeks
2	IAQ and Ambient Air Sampling	1 day of field work 2 weeks for laboratory analyses
3	Data Evaluation and Reporting	3 weeks upon receipt of laboratory analyses

Closing

If you have any questions about the information discussed in this work plan, please contact the undersigned.

Sincerely,

LICENSED PROFESSIONAL ENGINEER
VERVANT N. ARSLANIAN
No. 64616
Exp. 06/30/15
CIVIL
STATE OF CALIFORNIA

Eddie Arslanian, PE
Principal

Jeff Raumin, PE
Senior Manager

Sarah Stodter
Associate

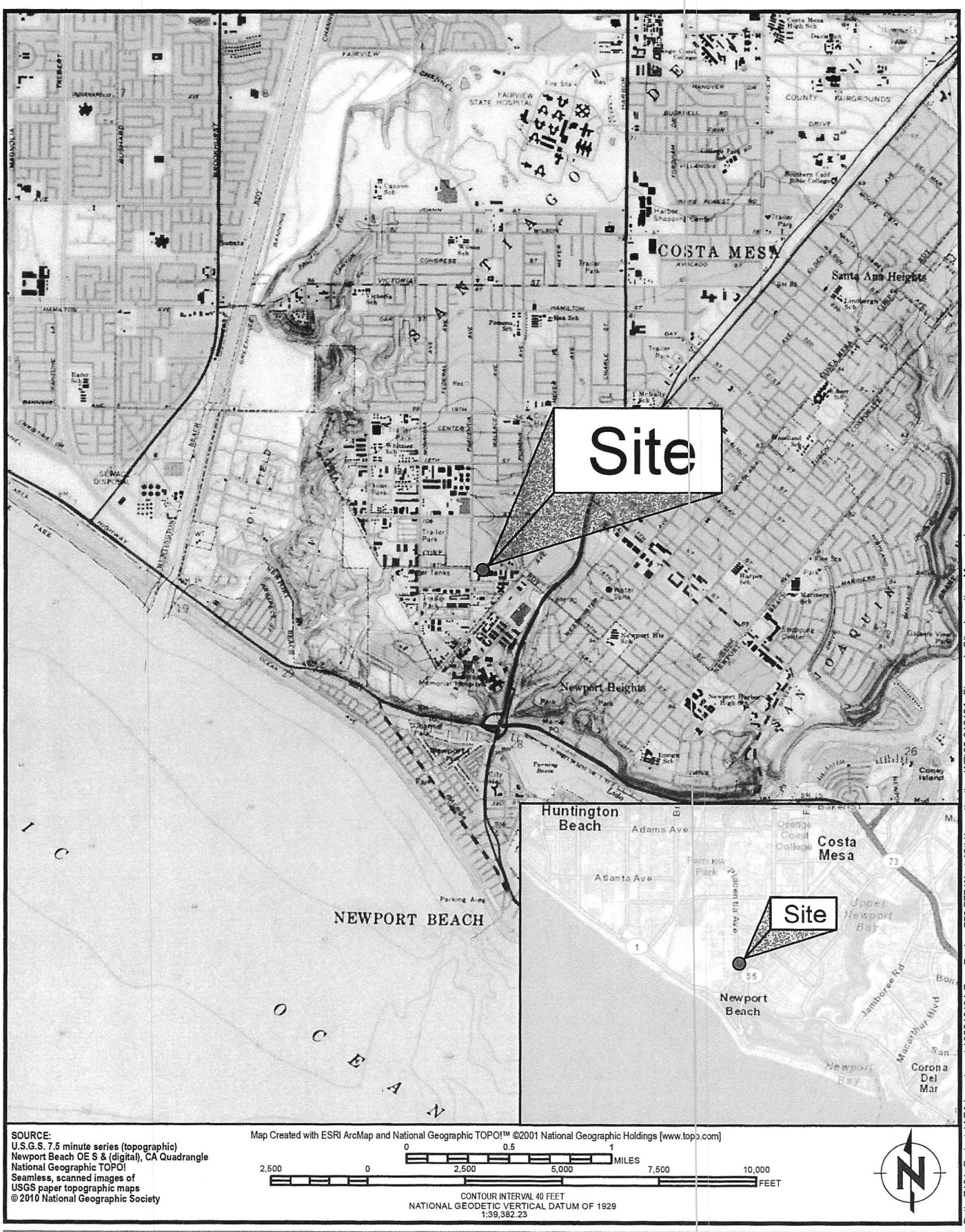
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q:\a\aea investments\0531819a peer review 775-777 west 16th\0531819a1 work plan\final\775-777 w 16th street costa mesa ca iaq work plan.docx

Attachments

cc: Dr. Donald Abrahm, AEA Investments V, LLC
Mr. Ernest Hahn, Millhouse Hahn LLP
Mr. Chris K Safarian, Safarian Choi & Bolstad LLP
Mr. Kamron Saremi, California Regional Water Quality Control Board - Santa Ana Region
Ms. Dotty Utz, AEA Investments V, LLC

Figures

PA2014-110



SOURCE:
U.S.G.S. 7.5 minute series (topographic)
Newport Beach OE S & (digital), CA Quadrangle
National Geographic TOPO!
Seamless, scanned images of
USGS paper topographic maps
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ENVIRON

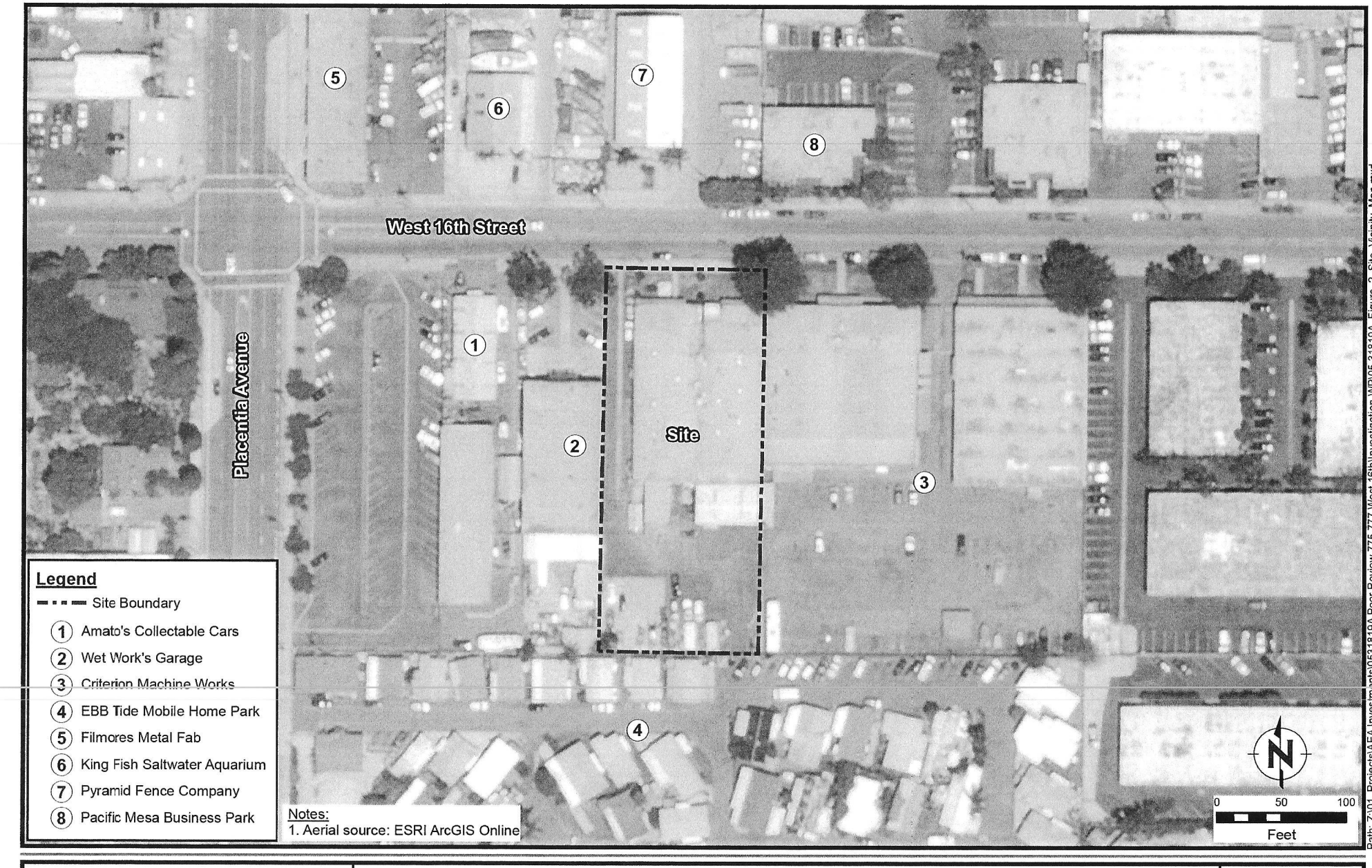
Site Location Map

775-777 West 16th Street
Costa Mesa, California 92627

Figure
1

DRAFTED BY: SShin | Date: 6/3/2013 | PROJECT: 05-31819A

PA2014-110



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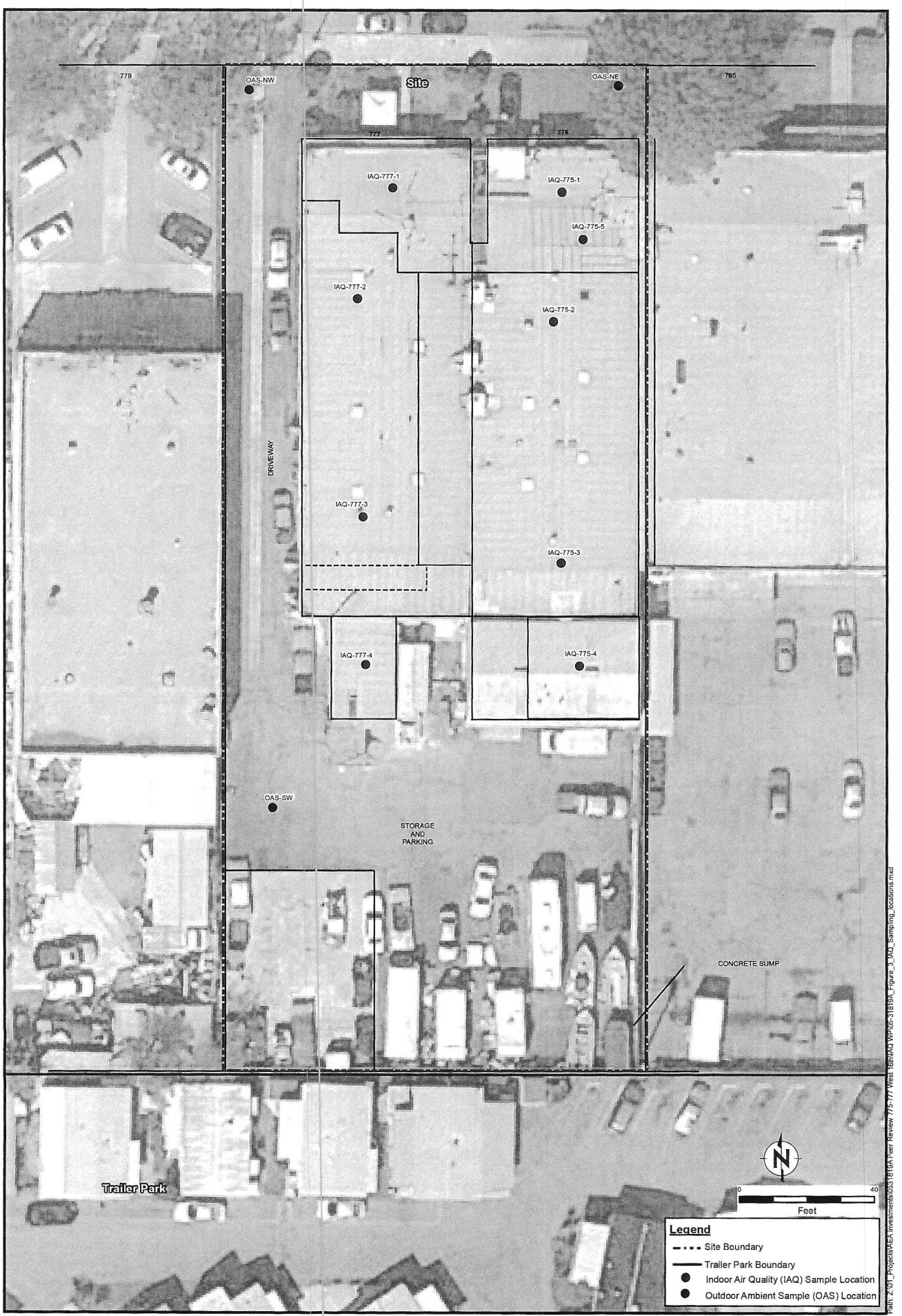
ENVIRON

Site Vicinity Map

775-777 West 16th Street
Costa Mesa, California 92627

Figure
2

DRAFTED BY: SShin | Date: 6/3/2013 | PROJECT: 05-31819A



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ENVIRON	Indoor Air Quality Sampling Proposed Locations 775-777 West 16th Street Costa Mesa, California 92627	Figure 3
DRAFTED BY: SShin/SStodter — Date: 12/3/2013		PROJECT: 05-31819A2

PA2014-110