13.6 Phase I Environmental Site Assessment

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Brookhurst Street/Adams Avenue Intersection Improvements Project

CITY OF HUNTINGTON BEACH, COUNTY OF ORANGE, STATE OF CALIFORNIA

Prepared in General Accordance with:

ASTM Standard E1527-05

Standard Practice for Environmental Site Assessments

Prepared For:

City of Huntington Beach

2000 Main Street

Huntington Beach, California 92648

Contact: **Ms. Mary Beth Broeren, AICP**

Prepared By:

RBF Consulting

A COMPANY OF MICHAEL BAKER CORPORATION

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Irvine, California 92618

April 2013

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A Baker Company

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Ms. Mary Beth Broeren, AICP
City of Huntington Beach
2000 Main Street
Huntington Beach, CA 92648

SUBJECT: PHASE I ENVIRONMENTAL SITE ASSESSMENT
Brookhurst Street/Adams Avenue Intersection Improvements Project
Huntington Beach, California

Dear Ms. Broeren:

RBF Consulting (RBF) is pleased to submit this Phase I Environmental Site Assessment (ESA) for the Brookhurst Street/Adams Avenue Intersection Improvements Project, herein referenced as the "subject site." The goal of this Phase I ESA is to identify the potential presence of recognized environmental conditions (RECs) associated with the subject site. This Phase I ESA has been prepared for the sole use of the **City of Huntington Beach** for the above-referenced subject site. Neither this Phase I ESA, nor any of the information contained herein, shall be used or relied upon for any purpose by any person or entity other than the **City of Huntington Beach**.

The Phase I ESA was prepared using methods consistent with the American Society for Testing and Materials (ASTM) E 1527-05 Standard Practice for Environmental Site Assessments, the scope of services, and inherent limitations presented in our proposal. The Phase I ESA is not intended to present specific quantitative information as to the actual presence of hazardous substances on or adjacent to the subject site, but is to identify the potential presence of RECs based on available information.

Should you or your staff have any questions after reviewing the enclosed report, please do not hesitate to contact me at 949/855-5747.

Sincerely,

Kristen Bogue
Project Manager/Environmental Professional
Planning/Environmental Services

STATEMENT OF ENVIRONMENTAL PROFESSIONALS

Statement of Quality Assurance

I have performed this Phase I Environmental Site Assessment (ESA) in accordance with generally accepted environmental practices and procedures, as of the date of this report. I have employed the degree of care and skill ordinarily exercised under similar circumstances by reputable environmental professionals practicing in this area. The conclusions contained with this Phase I ESA are based upon site conditions I readily observed or were reasonably ascertainable and present at the time of the site inspection.

The findings, opinions, and conclusions stated in this report are based upon personal observations made by employees of RBF and upon information provided by others. I have no reason to suspect or believe that the information provided is inaccurate.

Statement of Quality Control

The objective of this Phase I ESA was to ascertain the potential presence or absence of environmental releases or threatened releases that could impact the subject site, as delineated by the Scope of Work. The procedure was to perform reasonable steps in accordance with the existing regulations, currently available technology, and generally accepted engineering practices in order to accomplish the stated objective. To the best of my knowledge, this Phase I ESA has been performed in compliance with RBF standard operating procedures protocol for Phase I ESAs.

I declare that, to the best of my professional knowledge and belief, I meet the definition of *Environmental Professional* as defined in §312.10 of Title 40, Code of Federal Regulations (CFR) 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 all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Signature of RBF Environmental Professional
Kristen Bogue

EXECUTIVE SUMMARY

The Brookhurst Street/Adams Avenue Intersection Improvements Project (herein referenced as the "subject site") is located in the eastern portion of the City of Huntington Beach, California, at the intersection of Brookhurst Street and Adams Avenue (Sections 5, 6, 7, and 8; Township 6 South; Range 10 West; San Bernardino Base and Meridian). The subject site is situated within areas of roadway right-of-way (ROW), as well as portions of commercial and residential properties sited along Brookhurst Street and Adams Avenue. Overall, the subject site is primarily situated within a commercial and residential area of Huntington Beach.

The purpose of conducting this Phase I Environmental Site Assessment (ESA) is to identify Recognized Environmental Conditions (RECs) as defined by the American Society for Testing and Materials (ASTM) E 1527-05 Standard Practice for Environmental Site Assessments (Standard Practice). The ASTM E 1527-05 Standard Practice defines the term REC as "*the presence 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 into structures on the property or into the ground, groundwater, or surface water of the property.*" The term includes 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 threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be "*de minimis*" are not RECs.

This Phase I ESA was conducted in accordance with the ASTM E 1527-05 Standard Practice and satisfies the requirements of 40 Code of Federal Regulations (CFR) Part 312 titled *Standards and Practices for All Appropriate Inquiries*, as required under Section 101(35)(B)(ii) and (iii) of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). The purpose of conducting an All Appropriate Inquiries (AAI) investigation into the previous ownership and uses of a property is to meet the provisions necessary for the innocent landowner, contiguous property owner, or bona fide prospective purchaser to qualify for certain landowner liability protections under CERCLA. To assist in understanding the terminology contained in this Phase I ESA, a glossary of terms associated with the ASTM E 1527-05 Standard Practice is provided in Appendix A, *ASTM Terminology*.

<u>Findings and Opinions</u>

RBF Consulting's (RBF's) findings and opinions are based upon a review of reasonably ascertainable referenced material available during the preparation of this Phase I ESA, which included historical aerial photographs, historical topographic maps, regulatory databases, interviews, site reconnaissance, and other documentation. Table E-1, *Phase I ESA Findings, Opinions, and Conclusions*, summarizes RBF's findings, opinions, and conclusions made during the preparation of this Phase I ESA.

Table E-1
Phase I ESA Findings, Opinions, and Conclusions

Finding	Opinion	Conclusion
Asbestos-Containing Materials	Asbestos is a strong, incombustible, and corrosion resistant material, which was used in many commercial products since prior to the 1940s and up until the early 1970s. If inhaled, asbestos fibers can result in serious health problems. Asbestos containing materials are building materials containing more than one percent (1%) asbestos (some state and regional regulators impose a one-tenth of one percent (0.1%) threshold). Due to the age of the on-site structure (constructed between 2005 and 2009) located at Assessor's Parcel Number (APN) 155-051-11 (Comerica building), the presence of ACMs are unlikely. Therefore, it is the opinion of RBF that no REC has resulted.	NO REC
Lead-Based Paints	Until 1978, when the U.S. Consumer Product Safety Commission (CPSC) phased out the sale and distribution of residential paint containing lead, many homes were treated with paint containing some amount of lead. It is estimated that over 80 percent of all housing built prior to 1978 contains some lead-based paint (LBP). The mere presence of lead in paint may not constitute a material to be considered hazardous. In fact, if in good condition (no flaking or pealing), most intact LBP is not considered to be a hazardous material. In poor condition LBPs can create a potential health hazard for building occupants, especially children. Due to the age of the on-site structure (constructed between 2005 and 2009) located at APN 155-051-11 (Comerica building), the presence of LBPs are unlikely. Therefore, it is the opinion of RBF that no REC has resulted at this location. However, due to the age of the on-site wall structure (constructed between 1960 and 1968) located at APN 155-162-01 (20011 Lawson Lane), LBPs may be present. The on-site wall structure appeared to be in fair condition. Minor chipping was noted along the bottom of the wall. The area is paved with concrete to the north of the wall. It is the opinion of RBF that this minor chipping is a *de minimis* condition. Therefore, it is RBF's opinion that the on-site wall structure has not resulted in a REC on the subject site as a result of LBPs.	NO REC
Traffic Striping Materials	LBPs were commonly used in yellow traffic striping materials before the discontinued use of lead chromate pigment in yellow traffic striping/marking materials and hot-melt thermoplastic stripe materials (discontinued in 1996 and 2004, respectively). RBF observed yellow traffic striping along Brookhurst Street during the March 5, 2013, site inspection. As the on-site striping materials is currently contained, and no visible evidence to suggest the release of LBPs into the environment was observed, it is RBF's opinion that the likely presence of LBPs in traffic striping materials is not a REC at the time of this Phase I ESA.	NO REC
Pole-Mounted Transformers	Many transformers contain Polychlorinated Biphenyls (PCBs). The use of PCBs was banned in 1977 and most production/use in 1979. Multiple power poles with twelve (12) associated pole-mounted transformers were observed within the boundaries of the subject site. No staining or leaking was observed in association with the transformers. Further, based on interviews with the City Engineer, he is not aware of any transformer explosions in the project vicinity. It is RBF's opinion that the potential presence of PCBs in on-site transformers has not resulted in an REC at the subject site, as the on-site transformers appeared to be in fair condition and no visible staining was noted.	NO REC

Finding	Opinion	Conclusion
On-Site Properties	Available public records (provided by EDR) were reviewed by RBF on March 15, 2013. The lists that were reviewed identified five (5) regulatory properties that are associated with proposed right-of-way (ROW) acquisition. The two (2) properties located at 20001 Brookhurst Street (Shell) and 9971 Adams Avenue (Chevron) have reported releases to groundwater and the cases remain open for remediation. The property located at 10001 Adams Avenue (Super-7) has also reported a release to groundwater. Therefore, it is anticipated that these properties have resulted in releases which have contaminated groundwater underlying the subject site. As discussed in Section 2.6.3, *Groundwater and Water Wells*, the subject site includes groundwater within less than five feet of the surface, based on available Santa Ana Regional Water Quality Control Board (RWQCB) files reviewed. Therefore, the potential exists for project construction to encounter contaminated soil and groundwater, and it is RBF's opinion that the releases reported in association with the on-site addresses 20001 Brookhurst Street, 9971 Adams Avenue, and 10001 Adams Avenue (associated with ROW acquisition) have resulted in an REC at the subject site. The remaining two (2) on-site properties have a low potential of affecting the subject site due to site status.	**REC**
Off-Site Properties	The lists identified fifteen (15) off-site regulatory properties located within a one-mile radius of the subject site. Seven (7) of these off-site properties located at 10118 Adams Avenue (R Cleaners/Artistic Cleaners), 10109 Adams Avenue (Artistic Cleaners/Best Cleaners), 19885 Brookhurst Street (Rosie Cleaners), 10035 Adams Avenue (Best Cleaners), 9862 Adams Avenue (Oil Max 10 Minute Lube Wash), 20052 Brookhurst Street (Scher Tire Inc/Beach City Tire), and 19861 Ranger Lane (Clutter Cleaners) have the potential to impact groundwater underlying the subject site due to the type of use (i.e., drycleaner and automobile-related) and reported releases. However, it is RBF's opinion that since the drycleaners located at 10109 Adams Avenue, 10035 Adams Avenue, 19861 Ranger Lane, and 10118 Adams Avenue are located greater than 100 feet from the subject site and are either cross- or down-gradient, these properties have not resulted in an REC at the subject site. It is RBF's opinion that since the address 9862 Adams Avenue has not reported a release to groundwater and is cross-gradient, it has not resulted in an REC at the subject site. It is also RBF's opinion that the address 20052 Brookhurst Street has not resulted in an REC at the subject site since the property has reported a release to soil only, is located down-gradient, and is located off-site. However, it is the opinion of RBF that the address 19885 Brookhurst Street (Rosie Cleaners) has resulted in an REC at the subject site, as it is located within 100 feet of the subject site and cross-gradient. The remaining eight (8) off-site properties have a low potential of affecting the subject site for the following reasons: distance from the subject site, direction of anticipated groundwater flow, and/or site status, or no contamination has been reported.	**REC**
Unmapped Properties	A REC on the subject site caused by one or more of the reported Unmapped Properties located within the vicinity of the subject site is considered to be low due to the distance from the subject site and/or the status of the identified sites. The potential for a REC to be present on the subject site as a result of Unmapped Properties is considered unlikely.	NO REC

Finding	Opinion	Conclusion
Historic Recognized Environmental Condition(s)	The two (2) RECs associated with 9971 Adams Avenue (Chevron) and 10001 Adams Avenue (Super-7) noted above, are HRECs since both addresses have past reported LUSTs that were closed by regulatory agencies.	**REC**
Other Potential Sources of Hazardous Materials	No other potential sources of hazardous materials have been noted within the boundaries of the subject site.	NO REC

Data Gaps

A data gap is a lack of or inability to obtain information required by the ASTM E 1527-05 Standard Practice despite good faith efforts by the environmental professional to gather such information. Data gaps may result from incompleteness in any of the activities required by this practice, including but not limited to site reconnaissance and interviews. RBF did not receive a response from the HCA or HBFD prior to completion of this Phase I ESA. As this Phase I ESA has relied upon several other historical sources to adequately obtain the historical use summary of the subject site and surrounding uses, it is RBF's opinion that this is not a significant data gap.

Conclusions

RBF has performed a Phase I ESA in conformance with the scope and limitations of ASTM E 1527-05 Standard Practice of Brookhurst Street/Adams Avenue Intersection Improvements Project, in the City of Huntington Beach, County of Orange, California, the subject site. Any exceptions to, or deletions from, this practice are described in Section 1.0 of this report. This assessment has revealed no evidence of RECs in connection with the subject except for the following:

- Groundwater contamination associated with the on-site address 20001 Brookhurst Street (Shell).
- Groundwater contamination associated with the on-site address 9971 Adams Avenue (Chevron).
- Groundwater contamination associated with the on-site address 10001 Adams Avenue (Super-7).
- Groundwater contamination associated with the off-site address 19885 Brookhurst Street (Rosie Cleaners).

Other CEQA Considerations

The following findings and recommendations are included in order to address potential hazardous conditions at the subject site for the purposes of the California Environmental Quality Act (CEQA).

Lead-Based Paints

As previously discussed, due to the age of the on-site wall structure (constructed between 1960 and 1968) located at APN 155-162-01 (20011 Lawson Lane), LBPs may be present. Although it is RBF's opinion

that the on-site wall structure has resulted in a *de minimis* condition and has not resulted in a REC on the subject site as a result of LBPs, the project would require the demolition of this structure. Thus, the following recommendation has been included.

- If paint is separated from building materials (chemically or physically) (including the existing on-site wall structure proposed to be relocated as part of the project) during demolition/relocation of the structure, the paint waste shall be evaluated independently from the building material by a qualified Environmental Professional. If lead-based paint is found, abatement shall be completed by a qualified Lead Specialist prior to any activities that would create lead dust or fume hazard. Lead-based paint removal and disposal shall be performed in accordance with California Code of Regulation Title 8, Section 1532.1, which specifies exposure limits, exposure monitoring and respiratory protection, and mandates good worker practices by workers exposed to lead. Contractors performing lead-based paint removal shall provide evidence of abatement activities to the City Project Engineer.

Traffic Striping Materials

As previously noted, RBF observed yellow traffic striping materials along Brookhurst Street during the March 5, 2013 site visit. Although RBF has determined that the on-site roadways containing traffic striping have not resulted in an REC at the subject site as a result of LBPs, the following recommendation has been included.

- Should construction activities result in the disturbance of traffic striping materials, the generated wastes should be disposed of at an appropriate, permitted disposal facility as determined by a lead specialist.

Pole-Mounted Transformers

As previously discussed, multiple power poles with twelve (12) associated pole-mounted transformers were observed within the boundaries of the subject site. Although RBF has determined that the on-site pole-mounted transformers have not resulted in an REC at the subject site, the following recommendation has been included.

- Any transformer to be relocated/removed during site construction/demolition should be conducted under the purview of the local purveyor to identify property-handling procedures regarding PCBs.

Potential Groundwater Contamination

As noted above, two (2) on-site properties located at 20001 Brookhurst Street (Shell), 9971 Adams Avenue (Chevron), 10001 Adams Avenue (Super-7), and one (1) off-site property located at 19885

Brookhurst Street (Rosie Cleaners) have resulted in RECs at the subject site. Therefore, the following recommendations have been included.

- A Phase II/site characterization Specialist should review associated files to determine whether or not the below properties, have contaminated soil and groundwater that underlies the subject site. If it is determined that contaminated soil/groundwater underlies the subject site, a Phase II/site characterization specialist should sample the subject site. Results of sampling (if necessary) would indicate the level of remediation efforts that may be required in consultation with current property owners and the HCA.

    - 20001 Brookhurst Street (Shell)
    - 9971 Adams Avenue (Chevron)
    - 10001 Adams Avenue (Super-7)
    - 19885 Brookhurst Street (Rosie Cleaners)

- If unknown wastes or suspect materials are discovered during construction by the contractor that are believed to involve hazardous waste or materials, the contractor shall comply with the following:

    - Immediately cease work in the vicinity of the suspected contaminant, and remove workers and the public from the area;
    - Notify the City Engineer of the City of Huntington Beach;
    - Secure the area as directed by the City Engineer; and
    - Notify the Orange County Health Care Agency's Hazardous Waste/Materials Coordinator. The Hazardous Waste/Materials Coordinator shall advise the responsible party of further actions that shall be taken, if required.

Methane Gas

As discussed in Section 4.3.2.5, *Other Historical Sources*, based on *The City of Huntington Beach General Plan*, the subject site is located within a designated Methane Overlay District (District 2). The main conduit for petrogenic methane is through abandoned oil wells. According to the online DOGGR mapping system, the subject site does not appear to be located in a sedimentary basin with oil, gas, or geothermal production, and no oil or gas wells were noted within the boundaries of the subject site. The following recommendation has been included due to the potential hazard to construction workers during proposed earthwork activities.

- The project should comply with all applicable requirements of the City of Huntington Beach Fire Department City Specification #429 (Methane Mitigation District Building Requirements) and Specification #431-92 (Soil Clean-Up Standard) regarding proposed grading activities.

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LIST OF ACRONYMS

ACM	Asbestos Containing Materials
APN	Assessor's Parcel Number
AST	Aboveground Storage Tank
ATSDR	Agency for Toxic Substances and Disease Registry
AULs	Activity and Use Limitations
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System (maintained by the Environmental Protection Agency)
CEQA	California Environmental Quality Act
CFR	Code of Federal Regulations
CORRACTS	facilities subject to Corrective Action under RCRA
CPSC	United States Consumer Product Safety Commission
DDD	Dichlorodiphenyldichloroethane
DDE	Dichlorodiphenyldichloroethylene
DDT	Dichlorodiphenyltrichloroethane
HCA	Orange County Healthcare Agency Department of Environmental Health
DOGGR	California Department of Oil, Gas, and Geothermal Resources
DTSC	Department of Toxic Substances Control
EDR	Environmental Data Resources
EPA	United States Environmental Protection Agency
EPCRA	Emergency Planning and Community Right to Know Act (also known as SARA Title III), 42 U.S.C. §§11001-11050 *et seq*.)
ERNS	emergency response notification system
ESA	Environmental Site Assessment
FOIA	U.S. Freedom of Information Act (5 U.S.C. §552 as amended by Public Law No. 104-231, 110 Stat.)
FR	Federal Register
HREC	Historic Recognized Environmental Condition
ICs	Institutional Controls
LBP	Lead Based Paints
LUFT	Leaking Underground Fuel Tank

LUST	Leaking Underground Storage Tank
MSDS	Material Safety Data Sheet
Msl	Mean sea level
SBBM	San Bernardino Base Meridian
NCP	National Contingency Plan
NFRAP	former CERCLIS sites where no further remedial action is planned under CERCLA
NPDES	National Pollutant Discharge Elimination System
NPL	National Priorities List
PCBs	Polychlorinated Biphenyls
REC	Recognized Environmental Condition
RCRA	Resource Conservation and Recovery Act (as amended, 42 U.S.C. §§6901 *et seq*.)
RWQCB	Regional Water Quality Control Board
SCS	Soil Conservation Service
TPH	Total Petroleum Hydrocarbons
TRI	Toxics Release Inventory
TSDF	*hazardous waste* treatment, storage, or disposal facility
USDA	United States Department of Agriculture
USGS	United States Geological Survey
UST	Underground Storage Tank

Section 1 INTRODUCTION

The Brookhurst Street/Adams Avenue Intersection Improvements Project (herein referenced as the "subject site") is located in the eastern portion of the City of Huntington Beach, California, at the intersection of Brookhurst Street and Adams Avenue. Proposed improvements at the intersection would extend along Brookhurst Street up to approximately 1,000 feet north of Adams Avenue and 800 feet south of Adams Avenue, and along Adams Avenue up to approximately 1,300 feet west of Brookhurst Street and 1,200 feet east of Brookhurst Street.

The subject site is situated within areas of roadway right-of-way (ROW), as well as portions of commercial and residential properties sited along Brookhurst Street and Adams Avenue. Overall, the subject site is primarily situated within a commercial and residential area of Huntington Beach.

1.1 PURPOSE

The purpose of conducting this Phase I Environmental Site Assessment (ESA) is to identify Recognized Environmental Conditions (RECs) as defined by the American Society for Testing and Materials (ASTM) E 1527-05 Standard Practice for Environmental Site Assessments (Standard Practice). The ASTM E 1527-05 Standard Practice defines the term REC as "*the presence 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 into structures on the property or into the ground, groundwater, or surface water of the property.*" The term includes 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 threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be "*de minimis*" are not RECs.

This Phase I ESA was conducted in accordance with the ASTM E 1527-05 Standard Practice and satisfies the requirements of 40 Code of Federal Regulations (CFR) Part 312 titled *Standards and Practices for All Appropriate Inquiries*, as required under Section 101(35)(B)(ii) and (iii) of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). The purpose of conducting an All Appropriate Inquiries (AAI) investigation into the previous ownership and uses of a property is to meet the provisions necessary for the innocent landowner, contiguous property owner, or bona fide prospective purchaser to qualify for certain landowner liability protections under CERCLA. To assist in understanding the terminology contained in this Phase I ESA, a glossary of terms associated with the ASTM E 1527-05 Standard Practice is provided in Appendix A.

1.2 DETAILED SCOPE OF SERVICES

The scope of this Phase I ESA follows the general guidance provided in the ASTM E 1527-05 Standard Practice. The ASTM E 1527-05 Standard Practice outlines a procedure for completing Phase I ESAs that includes a search for recorded environmental cleanup liens; review of federal, tribal, state, and local government records; visual inspection of the property and of adjoining properties; and interviews with current owners, operators, and occupants. The ASTM E 1527-05 Standard Practice recommends the following regulatory database search distances from a property:

- National Priorities List (NPL) – 1.0 mile
- Federal Delisted NPL – 0.5 mile
- Federal Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) list – 0.5 mile
- CERCLIS/NFRAP site list – 0.5 mile
- Federal RCRA Corrective Action Report (CORRACTS) facilities list – 1.0 mile
- Federal RCRA non-CORRACTS Permitted Treatment, Storage, Disposal Facilities (TSD) facilities list – 0.5 mile
- Federal RCRA Registered Small or Large Generators of Hazardous Waste (GNRTR) – property and adjoining properties
- Federal institutional control/engineering control registries – property only
- Federal ERNS list – property only
- State and tribal lists of hazardous waste sites identified for investigation or remediation:
    - State- and tribal-equivalent NPL – 1.0 mile
    - State- and tribal-equivalent CERCLIS – 0.5 mile
- State and tribal landfill and/or solid waste disposal site lists – 0.5 mile
- State and tribal leaking storage tank (LUST) lists – 0.5 mile
- State and tribal registered storage tank lists – property and adjoining properties
- State and tribal institutional control/engineering control registries – property only
- State and tribal voluntary cleanup sites – 0.5 mile
- State and tribal Brownfield sites – 0.5

The goal of the Phase I ESA contained herein is to evaluate site history, existing observable conditions, current site use, and current and former uses of surrounding properties to identify the potential presence of RECs associated with the subject site.

This Phase I ESA is not intended to provide specific qualitative or quantitative information as to the actual presence of hazardous substances at the subject site, but is to merely identify the potential presence based on available information. To achieve the goal of this Phase I ESA, RBF conducted a Phase I ESA of the subject site to provide preliminary conclusions relative to site conditions.

The Phase I ESA included the following components, which are designed to aid in the discovery and evaluation of RECs:

- RBF performed a site visit on March 5, 2013, consisting of a visual examination of the subject site for visual evidence of potential environmental concerns, including existing or potential soil and groundwater contamination, as evidenced by soil or pavement staining or discoloration, stressed vegetation, indications of waste dumping or burial, pit, ponds, or lagoons; containers of hazardous substances or petroleum products; electrical and hydraulic equipment that may contain PCBs, such as electrical transformers and hydraulic hoists; and underground and aboveground storage tanks. RBF observed the physical characteristics of the property (i.e., apparent runoff directions, location of paved areas, etc.). It should be noted that the site visit specifically excluded any subsurface investigation including, but not limited to, sampling and/or laboratory analysis.
- An investigation of historical use of the subject site by examining locally available aerial photographs (one source) and other readily available historical information, for evidence of potential environmental concerns associated with prior land use.
- A review of information available on general geology and topography of the subject property and local groundwater conditions.
- A review of environmental records available from the property owner or site contact including regulatory agency reports, permits, registrations, and consultant's reports for evidence of potential environmental concerns.
- A site property line visual assessment of adjacent properties for evidence of potential off-site environmental concerns that may affect the subject property.
- A review of a commercial database summary (provided by Environmental Data Resources [EDR]), of federal, state, tribal, and local regulatory agency records pertinent to the subject site and off-site facilities located within ASTM-specified search distances for the subject property.
- Interviews with owners, operators, occupants, and key site personnel, as available, regarding current and previous uses of the subject site, particularly activities involving hazardous substances and petroleum products.
- RBF compiled the data reviewed, discussed findings, formulated opinions and conclusions, and prepared this written report presenting the findings, opinions, and conclusions of the Phase I ESA.

- The performance of the Phase I ESA was not limited by any extraordinary conditions (other than identified data gaps as identified in Section 6.0, Findings, Opinions, and Conclusions) or circumstances.

1.3 SIGNIFICANT ASSUMPTIONS

RBF assumes that groundwater flow follows the existing topography of the subject site.

1.4 LIMITATIONS AND EXCEPTIONS

The findings and professional opinions of RBF are based on the information made available to RBF (listed in Section 7.0, References) from public records, and should be understood to be preliminary only.

RBF makes no warranties, either expressed or implied, concerning the completeness of the data made available to us for this study, and withholds certification of any type concerning the presence or absence of contamination of the subject site. RBF is not responsible for the quality or content of information from these sources. The report states our conclusion based on the limitations of our scope of services, in accordance with generally accepted standards for a Phase I ESA.

Subsurface exploration, geologic mapping, laboratory testing of soil or water samples, lead and asbestos sampling, and operations/inventory review of adjacent uses were not performed in connection with this Phase I ESA. This Phase I ESA represents our professional judgment, based on the level of effort described above, as to the present potential for hazardous materials at the site. This Phase I ESA specifically excludes air quality issues such as “indoor air quality” (vapor intrusion).

Subsurface exploration, sampling, and laboratory testing should be performed if it is deemed necessary or required to quantify the actual absence or presence of hazardous materials and recommend possible remediation measures for such hazardous materials (a “Phase II” investigation).

This Phase I ESA does not satisfy continuing obligations under CERCLA liability protections provided for innocent landowners, bona fide prospective purchasers, and contiguous property owners, which includes, but is not limited to, duties required after property acquisition (i.e., compliance with land use restrictions and institutional controls, undertake “reasonable steps” with respect to hazardous substances releases, compliance with other obligations such as reporting obligations and information requests, etc.).

This Phase I ESA addressed the likelihood of the presence of hazardous substances and/or petroleum products resulting from past and current known uses of the property and nearby properties. Certain conditions, such as those listed below, may not be revealed:

- Naturally occurring toxins in the subsurface soils (i.e., radon), rocks, or water, or toxicity of the on-site flora;

- Toxicity of substances common in current habitable environments, such as stored household products, building materials, and consumables;
- Biological pathogens;
- Subsurface contaminant plume from a remote source;
- Contaminants or contaminant concentrations that do not violate present regulatory standards but may violate such future standards; and
- Unknown site contamination, such as "midnight dumping" and/or accidental spillage, which could have occurred after RBF's site visit.

1.5 USER RESPONSIBILITIES

The purpose of this section is to describe tasks to be performed by the user that will help identify the possibility of recognized environmental conditions in connection with the subject site. These tasks do not require the technical expertise of an environmental professional and are generally not performed by environmental professionals performing a Phase I ESA. The interview questionnaire utilized within this Phase I ESA is optional to the user and aids the environmental professional in gathering information from the user that may be material to identifying recognized environmental conditions. The following tasks are required, by the user of this Phase I ESA, to satisfy the requirements of conducting all appropriate inquiries:

- *Review Title and Judicial Records for Environmental Liens or Activity and Use Limitations (AULs)* – Reasonably ascertainable recorded land title records and lien records that are filed under federal, tribal, state, or local law should be reviewed to identify environmental liens or activity and use limitations, if any, that are currently recorded against the property. Environmental liens and activity and use limitations that are imposed by judicial authorities may be recorded or filed in judicial records, and, where applicable, such records should be reviewed. Any environmental liens or activity and use limitations so identified shall be reported to the environmental professional conducting a Phase I ESA. Unless added by a change in the scope of work to be performed by the environmental professional, this practice does not impose on the environmental professional the responsibility to undertake a review of recorded land title records and judicial records for environmental liens or activity and use limitations. The user should either (1) engage a title company or title professional to undertake a review of reasonably ascertainable recorded land title records and lien records for environmental liens or activity and use limitations currently recorded against or relating to the property, or (2) negotiate such an engagement of a title company or title professional as an addition to the scope of work to be performed by the environmental professional.
- *Reasonably Ascertainable* – Except to the extent that applicable federal, state, local, or tribal statutes or regulations specify any place other than recorded land title records for recording or filing environmental liens or activity and use limitations or specify records to be reviewed

to identify the existence of such environmental liens or activity and use limitations, environmental liens or activity and use limitations that are recorded or filed any place other than recorded land title records are not considered to be reasonably ascertainable.

- *Specialized Knowledge or Experience of the User* – If the user is aware of any specialized knowledge or experience that is material to recognized environmental conditions in connection with the property, it is the user's responsibility to communicate any information based on such specialized knowledge or experience to the environmental professional. The user should do so before the environmental professional conducts the site reconnaissance.
- *Actual Knowledge of the User* – If the user has actual knowledge of any environmental lien or AULs encumbering the property or in connection with the property, it is the user's responsibility to communicate such information to the environmental professional. The user should do so before the environmental professional conducts the site reconnaissance.
- *Reason for Significantly Lower Purchase Price* – In a transaction involving the purchase of a parcel of commercial real estate, the user shall consider the relationship of the purchase price of the property to the fair market value of the property if the property was not affected by hazardous substances or petroleum products. The user should try to identify an explanation for a lower price which does not reasonably reflect fair market value if the property were not contaminated, and make a written record of such explanation. Among the factors to consider will be the information that becomes known to the user pursuant to the Phase I ESA. The ASTM E 1527-05 Standard Practice does not require that a real estate appraisal be obtained in order to ascertain fair market value of the property.
- *Commonly Known or Reasonably Ascertainable Information* – If the user is aware of any commonly known or reasonably ascertainable information within the local community about the property that is material to recognized environmental conditions in connection with the property, it is the user's responsibility to communicate such information to the environmental professional. The user should do so before the environmental professional conducts the site reconnaissance.
- *Other* – Either the user shall make known to the environmental professional the reason why the user wants to have the Phase I ESA performed or, if the user does not identify the purpose of the Phase I ESA, the environmental professional shall assume the purpose is to qualify for an LLP to CERCLA liability and state this in the report. In addition to satisfying one of the requirements to qualify for an LLP to CERCLA liability, another reason for performing a Phase I ESA might include the need to understand potential environmental conditions that could materially impact the operation of the business associated with the parcel of commercial real estate. The user and the environmental professional may also need to modify the scope of services performed under this practice for special circumstances, including, but not limited to, operating industrial facilities or large tracts of land (large areas or corridors).

1.6 SPECIAL TERMS AND CONDITIONS

No special terms and conditions were identified for this scope of work.

1.7 USER RELIANCE

The information and opinions rendered in this Phase I ESA are exclusively for use by the **City of Huntington Beach**. RBF will not distribute or publish this report without the consent of the **City of Huntington Beach**, except as required by law or court order. The information and opinions expressed in this Phase I ESA are given in response to RBF's scope of services and limitations indicated above, and should be considered and implemented only in light of the scope of services and limitations. The services provided by RBF in completing this Phase I ESA were consistent with normal standards of the profession. No warranty, expressed or implied, is made.

Section 2 SUBJECT SITE DESCRIPTION

2.1 LOCATION AND LEGAL DESCRIPTION

The subject site is located in the eastern portion of the City of Huntington Beach, California (Sections 5, 6, 7, and 8; Township 6 [T.6S]; Range 10 West [R.10W]; San Bernardino Base and Meridian [SBBM]), at the intersection of Brookhurst Street and Adams Avenue (refer to Exhibit 1, *Regional Vicinity*, and Exhibit 2, *Site Vicinity*). Proposed improvements at the intersection would extend along Brookhurst Street up to approximately 1,000 feet north of Adams Avenue and 800 feet south of Adams Avenue, and along Adams Avenue up to approximately 1,300 feet west of Brookhurst Street and 1,200 feet east of Brookhurst Street (refer to Exhibit 3, *Subject Site*). The subject site is situated within areas of roadway ROW, as well as a portions of commercial and residential properties sited along Brookhurst Street and Adams Avenue (refer to Table 1, *Right-of-Way Acquisition*, and Exhibits 4a through 4d, *Proposed Right-of-Way Acquisition*). Overall, the subject site is primarily situated within a commercial and residential area of Huntington Beach.

Table 1
Right-of-Way Acquisition

Land Use	Assessor Parcel Number	Gross Acreage	ROW Acquisition (Acreage)	Landscaping Removed (square feet)	Parking Spaces Removed	Structural Demolition/ Modification?
Northwest Quadrant						
Retail/Commercial Center	153-171-01 (9791 Adams Avenue)	9.80	0.11	2,215	31	NO
	153-171-02 (9971 Adams Avenue)	0.52	0.03	1,230	1	NO
Northeast Quadrant						
Retail/Commercial Center	155-051-13 (10001 Adams Avenue)	0.40	0.03	1,318	0	NO
	155-051-11 (10113 Adams Avenue and 10121 Adams Avenue)	0.51	0.06	1,677	0	NO
	155-051-07 (10111 Adams Avenue)	2.27	0.05	788	0	YES (structural modification)
	155-051-12 (10115 Adams Avenue)	0.39	0.01	373	0	NO
Southeast Quadrant						
Retail/Commercial Center	155-181-04 (20002 Brookhurst Street)	1.60	0.14	1,156	39	NO
	155-181-28 (10072 Adams Avenue)	13.02	0.23	5,927	23	NO
Residential	155-162-01 (20011 Lawson Lane)	0.19	0.01	60	0	YES (wall replacement)
Southwest Quadrant						
Retail/Commercial Center	151-461-28 (9882 Adams Avenue)	11.80	0.03	1,767	18	NO
	151-461-30 (20001 Brookhurst Street)	0.56	0.03	455	0	NO
TOTAL		**41.06**	**0.73**	**16,956**	**112**	NO

Subject Site

BROOKHURST STREET/ADAMS AVENUE INTERSECTION
IMPROVEMENTS PROJECT • PHASE I ESA

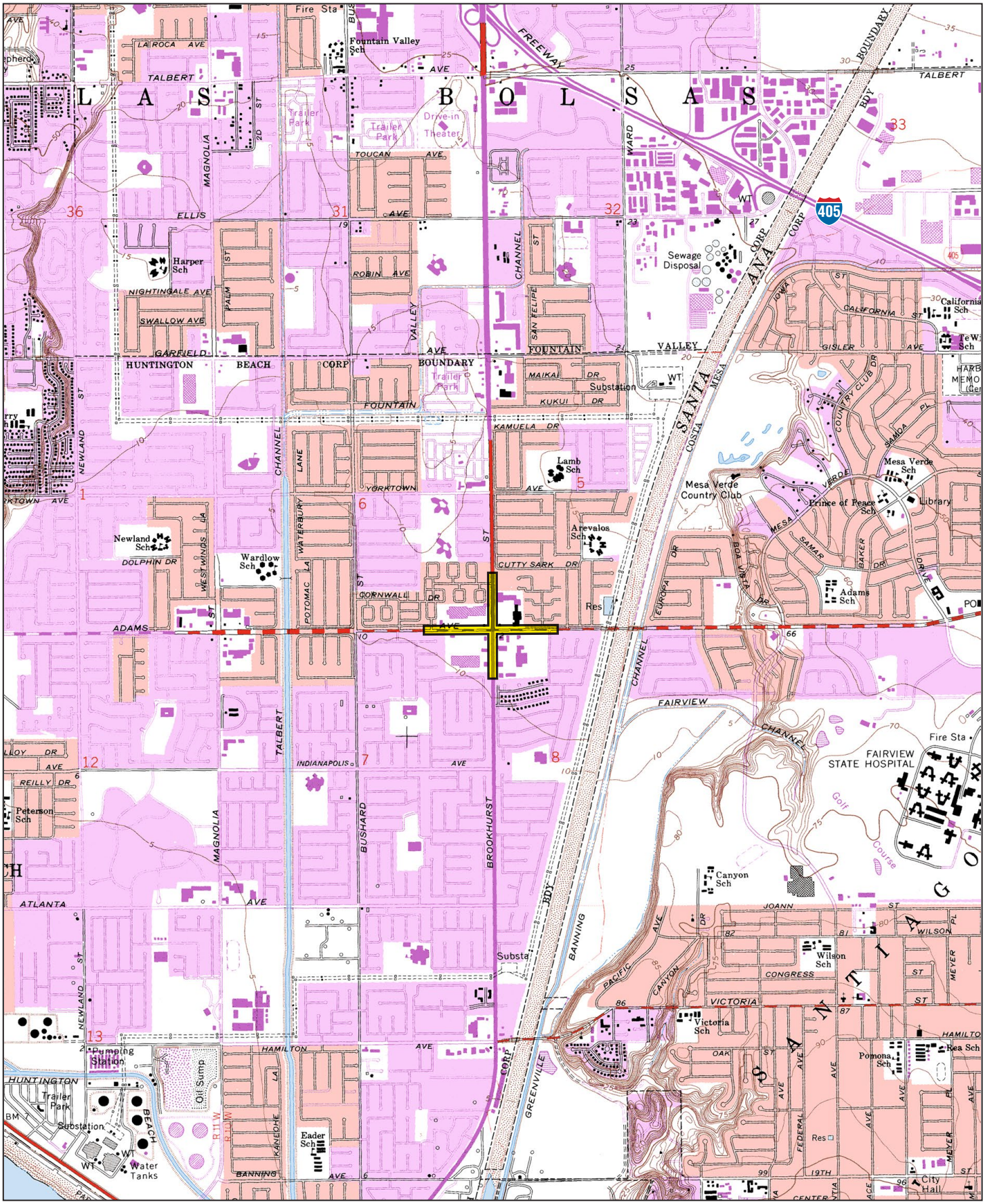
Regional Vicinity

RBF A Baker Company

not to scale

3/26/13 JN 130100-19167 MAS

Exhibit 1



Source: USGS Newport Beach, Calif. Quadrangle, Photorevised 1981.

Subject Site

BROOKHURST STREET/ADAMS AVENUE INTERSECTION IMPROVEMENTS PROJECT • PHASE I ESA

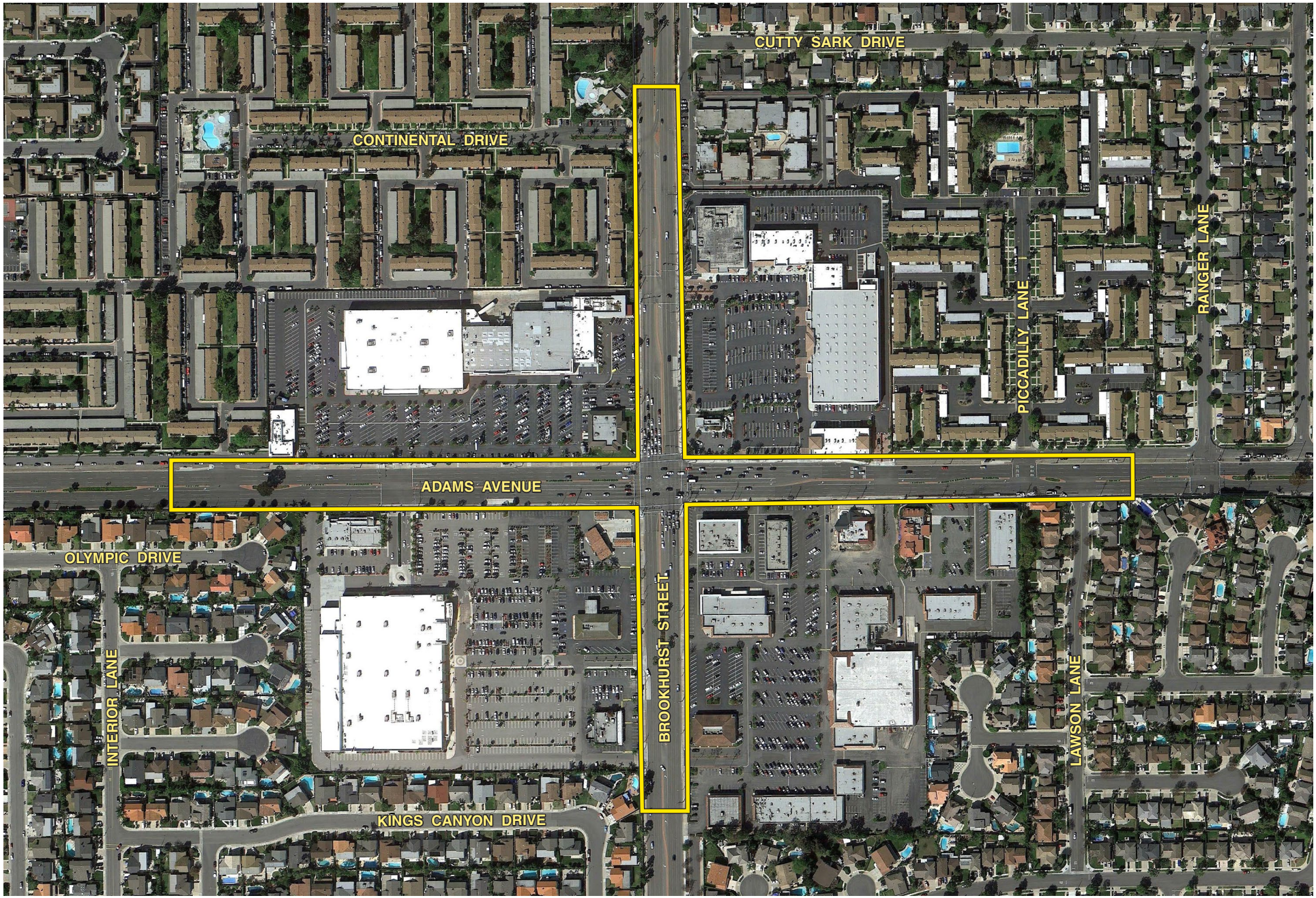
Site Vicinity

RBF A Baker Company

0 2500' APPROXIMATE

3/26/13 JN 130100-19167 MAS

Exhibit 2



RBF A Baker Company

not to scale

3/26/13 JN 130100-19167 MAS

BROOKHURST STREET/ADAMS AVENUE INTERSECTION
IMPROVEMENTS PROJECT • PHASE I ESA

Subject Site

Exhibit 3

BROOKHURST STREET/ADAMS AVENUE INTERSECTION
IMPROVEMENTS PROJECT • PHASE I ESA

Northwest Quadrant
Proposed Right-of-Way Acquisition

Exhibit 4a

RBF
A Baker Company

not to scale

3/26/13 JN 130100-19167 MAS

BROOKHURST STREET/ADAMS AVENUE INTERSECTION
IMPROVEMENTS PROJECT • PHASE I ESA

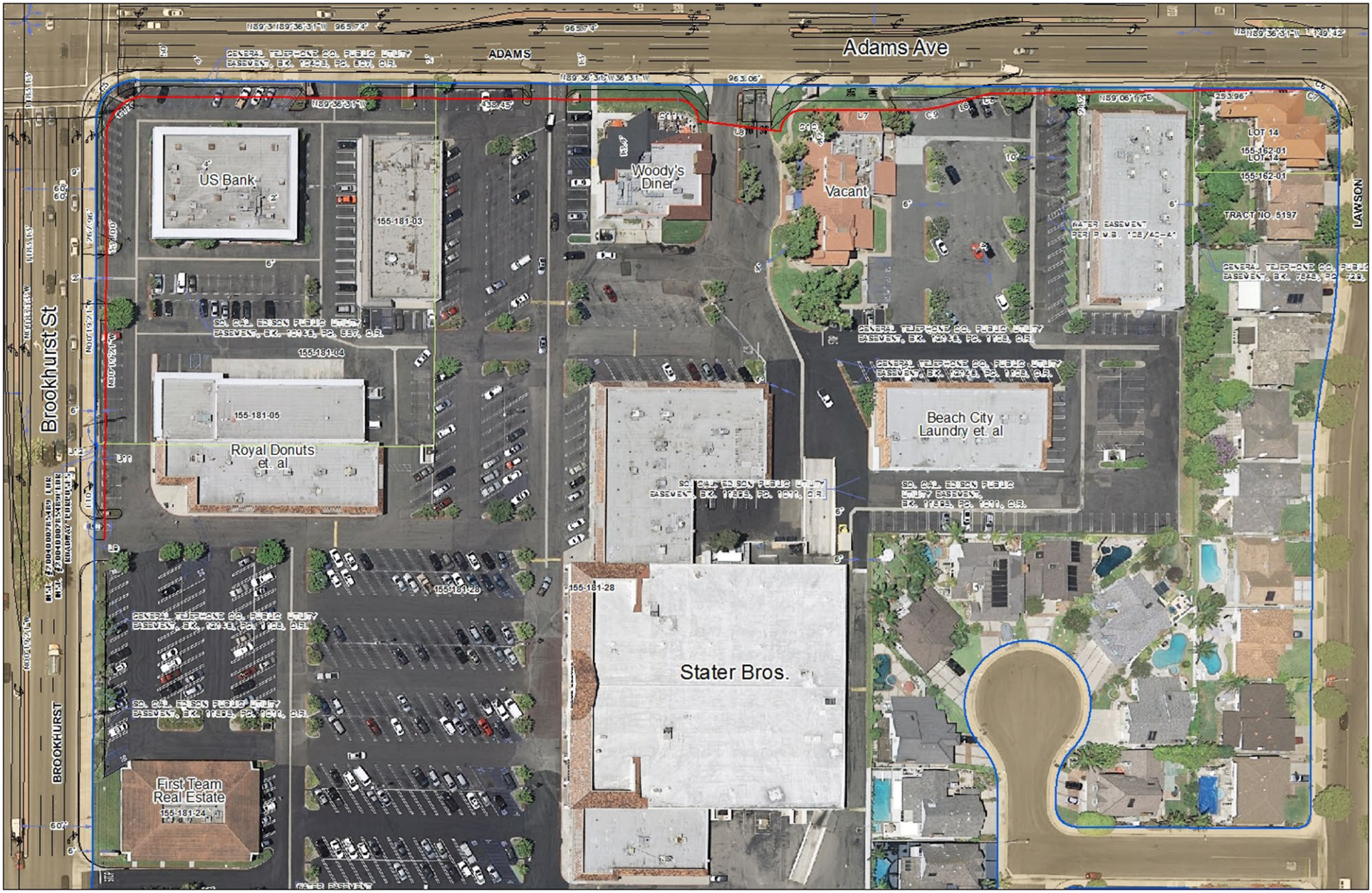
Northeast Quadrant
Proposed Right-of-Way Acquisition

RBF A Baker Company

not to scale

3/26/13 JN 130100-19167 MAS

Exhibit 4b



BROOKHURST STREET/ADAMS AVENUE INTERSECTION
IMPROVEMENTS PROJECT • PHASE I ESA

Southeast Quadrant
Proposed Right-of-Way Acquisition

RBF
A Baker Company

not to scale

3/26/13 JN 130100-19167 MAS

Exhibit 4c

BROOKHURST STREET/ADAMS AVENUE INTERSECTION
IMPROVEMENTS PROJECT • PHASE I ESA

Southwest Quadrant
Proposed Right-of-Way Acquisition

RBF A Baker Company

not to scale

3/26/13 JN 130100-19167 MAS

Exhibit 4d

2.2 SUBJECT SITE AND VICINITY GENERAL CHARACTERISTICS

On-site topography at the subject site is generally flat at approximately 11 feet above mean sea level (msl). The subject site generally consists of roadway uses and is primarily situated within a neighborhood commercial/residential area of Huntington Beach.

2.2.1 Biological Setting

The biotic community that exists within the subject site consists of ornamental landscaping within roadway ROW and adjoining commercial and residential uses along Brookhurst Street and Adams Avenue.

2.2.2 Drainage

Drainage of the subject site is accomplished via a curb and gutter storm drain system which exists within Brookhurst Street and Adams Avenue ROW.

2.3 CURRENT USE(S) OF THE SUBJECT SITE

The subject site currently consists of improved roadway ROW, as well as commercial, residential, and vacant land uses.

2.4 DESCRIPTIONS OF STRUCTURES, ROADS, AND OTHER IMPROVEMENTS ON THE SUBJECT SITE

One existing commercial structure and one stucco wall associated with an off-site residential unit are located on-site. The improved Brookhurst Street and Adams Avenue and associated roadway ROW are located on-site. ROW includes associated sidewalk and landscaping areas, as well as driveways associated with adjoining commercial centers.

2.5 CURRENT USES OF ADJOINING PROPERTIES

For the scope of this Phase I ESA, properties are defined and categorized based upon their physical proximity to the subject site. An adjoining property is considered any real property or properties the border of which is contiguous or partially contiguous with that of the subject site, or that would be contiguous or partially contiguous with that of the subject site but for a street, road, or other public thoroughfare separating them. An adjacent property is any real property located within a ¼-mile distance of the subject site's border. The following is a detailed description of each adjoining land use observed on March 5, 2013:

- North: Brookhurst Street, commercial uses, and residential uses are located to the north of the subject site.

- East: Adams Avenue, commercial uses, and residential uses are located to the east of the subject site.
- South: Brookhurst Street, commercial uses, and residential uses are located to the south of the subject site.
- West: Adams Avenue, commercial uses, and residential uses are located to the west of the subject site.

2.6 PHYSICAL SETTING SOURCE(S)

Physical setting sources typically provide information regarding geologic, hydrogeologic, hydrologic, or topographic characteristics of a property. The following information is primarily based on review of the United States Geological Survey (USGS) Newport Beach, California Quadrangle, dated 1965, photorevised 1981, and a site inspection conducted by RBF on March 5, 2013. Other miscellaneous resources utilized within this section and throughout the Phase I ESA are referenced in Section 7.0, References.

2.6.1 Current USGS 7.5 *Minute* Topographic Map

The USGS maps show geological formations and their characteristics, describing the physical setting of an area through contour lines and major surface features including lakes, rivers, streams, buildings, landmarks, and other factors that impact the spread of contamination. Additionally, the maps depict topography through color and contour lines and are helpful in determining elevations and site latitude and longitude.

Based on the USGS *Newport Beach, California* Quadrangle, dated 1965, photorevised 1981, on-site topography is generally flat at approximately 11 feet above msl. The subject site is located within Sections 5, 6, 7, and 8; T.6S; R.10W; SBBM. The subject site appears to consist of transportation uses (Brookhurst Street and Adams Avenue) and vacant and developed land. The surrounding area appears to consist of multiple large structures and developed land. No on-site pits, ponds, or lagoons were noted on the topographic map.

2.6.2 Geology and Soils

Based on the Environmental Hazards Element of *The City of Huntington Beach General Plan*, the City lies on a coastal plain above recently deposited sediment. The sediment is deposited on top of older bedrock formations buried thousands of feet below the surface. These recent sedimentary deposits originally accumulated in beach, river, bay, and estuary environments at or near sea level. However, due to ongoing seismic uplift and folding, these deposits now form mesas at higher elevations. Subsequent erosion from wave action has produced coastal bluffs exposing these deposits. According to Figure EH-1, Surface Geology, of the Environmental Hazards Element, the subject site is underlain by younger alluvial Quaternary deposits (Qya).

The USGS Geological Map Index was searched by EDR for available geological maps that cover the subject site and surrounding areas. These geological maps indicate geological formations that are overlaid on a topographic map. Some maps focus on specific issues (i.e., bedrock, sedimentary rocks, etc.) while others may identify artificial fills (including landfills). Geological maps can be effective in estimating permeability and other factors that influence the spread of contamination.

According to the EDR GeoCheck Reports, the land consists of a stratified sequence from the Cenozoic era. The project site is underlain by the Hueneme (fine sandy loam) and Bolsa (silt loam) soil series. The Hueneme soil series includes soils with moderate infiltration rates. Deep and moderately deep, moderately well, and well drained soils with moderately coarse textures are associated with this soil series. The Bolsa soil series includes slow infiltration rates and are soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

2.6.3 Groundwater and Water Wells

Based on Figure EH-3, Near Surface Water, of the Environmental Hazards Element of *The City of Huntington Beach General Plan*, the subject site includes groundwater within less than three feet of the surface.

The USGS Well Database and State Well Database were searched by EDR. According to the EDR Well search, one water well is located in the vicinity of the intersection of Brookhurst Street and Adams Avenue. The recorded depth to groundwater ranged from 10.75 to 13.74 feet on August 10, 1990. One public water supply well (5171 Warner Avenue) is located to the west of the subject site approximately 0.5 to 1.0 mile. Multiple water wells are located off-site within one mile radius of the subject site. No additional well information was reported (refer to Appendix B, *EDR Database Search*).

Based on available files maintained by the Regional Water Quality Control Board (RWQCB), there appears to be seven groundwater monitoring wells currently operating on-site. Multiple groundwater monitoring wells, recovery wells, vapor extraction wells, vapor probe wells, and abandoned groundwater monitoring wells are located in the immediate surrounding area. These wells have been installed as a result of past releases of contamination to soil and groundwater from historically adjoining gas station facilities. Based on this information, groundwater appears to be generally within five feet below ground surface (bgs) at the northwestern portion of the site and greater than five feet bgs in the southeastern portion of the site. Groundwater appears to generally flow across the site down-gradient to the southeast.

2.6.4 Flood Hazards

Flood Prone Area Maps published by the USGS show areas prone to 100-year floods overlaid on a topographical map. These maps are not considered the official Federal Emergency Management Agency (FEMA) flood maps; therefore, in cases where a property is located immediately adjacent to or within the flood prone boundary, a FEMA map should be obtained. According to the EDR Database search and FEMA, the subject site is not located within a 100-year flood zone (refer to Appendix B, *EDR Database Search*, and Appendix C, *Documentation*).

Section 3 USER PROVIDED INFORMATION AND INTERVIEWS

3.1 USER PROVIDED INFORMATION

3.1.1 Title Records

The user did not provide title records during the course of this Phase I ESA.

3.1.2 Environmental Liens or Activity Use Limitations

The user is not aware of any environmental cleanup liens or activity use limitations associated with the subject site.

3.1.3 Specialized Knowledge

The user did not provide any specialized knowledge during the course of this Phase I ESA.

3.1.4 Commonly Known or Reasonably Ascertainable Information

The user did not provide any commonly known or reasonably ascertainable information during the course of this Phase I ESA.

3.1.5 Valuation Reduction for Environmental Issues

The user did not report valuation reduction for environmental issues.

3.1.6 Owner, Property Manager, and Occupant Information

Due to the nature of the project (proposed roadway improvements), current and past property owners, operators, and occupants (associated with areas of ROW acquisition) were not readily available for interview.

3.1.7 Reason for Performing Phase I

This Phase I ESA has been requested by the City of Huntington Beach and is for the purposes of Environmental Documentation technical support.

3.2 INTERVIEWS

The ASTM E 1527-05 Standard Practice indicates that the objective of interviews is to obtain information indicating RECs in connection with the subject site. Interviews with past and present

owners, operators, and occupants of the property consist of questions to be asked in the manner and of persons as described in the ASTM E 1527-05 Standard Practice. The content of questions to be asked shall attempt to obtain information about uses and conditions observed during the site reconnaissance as well as the documentation review. The content of questions to be asked of state and/or local government officials shall be decided in the discretion of the environmental professional(s) conducting the Phase I ESA, provided that the questions shall generally be directed towards identifying RECs in connection with the subject site.

3.2.1 User of the Phase I ESA

The Phase I ESA is being prepared as part of technical analysis support for the project's Environmental Documentation. The City of Huntington Beach is the user of this Phase I ESA. Refer to Section 3.2.3, Key Site Manager/Operator, below for a detailed interview discussion conducted with the City Engineer.

3.2.2 Property Owner

Due to the nature of the project (proposed roadway improvements), current and past property owners, operators, and occupants (associated with areas of ROW acquisition) were not readily available for interview.

3.2.3 Key Site Manager/Operator

RBF interviewed Mr. Bill Janusz, Principal Civil Engineer with the City of Huntington Beach, on March 27, 2013. Mr. Janusz stated that he is unaware of any environmental concerns at the subject site. He has no information regarding past on-site or off-site uses related to hazardous materials, other than an adjoining automobile lube facility to the southwest and a former tire service center to the southeast. He is unaware of valuation reduction for environmental issues pertaining to proposed areas of ROW acquisition. He noted that any fill import required for past development would have been required to clear the import soils for hazardous materials per City standards. He is unaware of any past transformer explosions at the subject site. To the best of his knowledge, the subject site was last improved in 2006/2007 for widening improvements. No further information was provided.

3.2.4 Occupants

Due to the nature of the project (proposed roadway improvements), occupants (associated with areas of ROW acquisition) were not readily available for interview.

3.2.5 Off-Site Property Operator (R Cleaners)

RBF was able to interview one off-site commercial property operator (R Cleaners), located at 10118 Adams Avenue, within the commercial center at the southeastern quadrant of the subject site, during

the RBF site visit on March 5, 2013. The on-site manager stated that she has been in business at this location for 10 years. Clothes are cleaned at this location; however, approximately 5 years ago, the operations switched to using environmental friendly substitutes for perchlorate. She also stated that a prior dry cleaning operation was present for approximately 47 years; however, prior to occupancy of the facility, a Phase I ESA was prepared and noted no evidence of a REC at this location. The manager noted that the only other dry cleaner present (both currently and historically to her knowledge) is Best Cleaners located at 10035 Adams Avenue. She stated that, to the best of her knowledge, this operation had been present for a while, closed due to the recent poor economy, but has recently opened back up (about three years ago). She also noted that this dry cleaner facility is similar in operation as her facility. No further information was provided.

3.2.6 Off-Site Property Operator (Best Cleaners)

RBF was able to interview one off-site commercial property operator (Best Cleaners), located at 10035 Adams Avenue, within the commercial center at the northeastern quadrant of the subject site, during the RBF site visit on March 5, 2013. Staff stated that the business has been present at this location for three years. Clothes are cleaned at this location. No further information was provided.

3.2.7 Local Government Officials

No local government officials were interviewed during the course of this Phase I ESA.

3.2.8 Other Persons

No other persons were interviewed during the course of this Phase I ESA.

Section 4 Records Review

The purpose of the records review is to obtain and review records that will help identify RECs in connection with the subject site.

4.1 STANDARD ENVIRONMENTAL RECORD SOURCES

The governmental sources have been searched by EDR (at the request of RBF) for sites within the subject site and within an approximate one-mile radius of the subject site boundaries. Upon completion of their search, EDR provided RBF with their findings dated March 15, 2013. RBF makes no claims as to the completeness or accuracy of the referenced sources. Our review of EDR's findings can only be as current as their listings and may not represent all known or potential hazardous waste or contaminated sites. To reduce the potential for omitting possible hazardous material sites on the subject site and within the surrounding area, sites may be listed in this report if there is any doubt as to the location because of discrepancies in map location, zip code, address, or other information. Refer to Appendix B, *EDR Database Search*, for a listing and description of the federal and state records searched.

The following regulatory databases have been reported in association with proposed ROW acquisition as well as off-site regulatory properties with the potential to affect soil and/or groundwater underlying the subject site:

- **CA FID UST:** The CA FID UST database maintains information on properties where an underground storage tank is located.

- **CHMIRS:** The CHMIRS database maintains information on reported hazardous material incidents, i.e., accidental releases or spills. The source is the California Office of Emergency Services.

- **DRYCLEANERS:** The DRYCLEANERS database includes 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.

- **EDR US Hist Auto Stat:** EDR Exclusive Historic Gas Stations (EDR US Hist Auto Stat) includes a listing of potential gas station/filling station/service station sites. This database is maintained by EDR and includes selected national collections of business directories 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.

- **EDR US Hist Cleaners:** EDR Exclusive Historic Dry Cleaners (EDR US Hist Cleaners) includes a listing of potential dry cleaner sites. This database is maintained by EDR and includes selected national collections of business directories that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include potential dry cleaner establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash and dry, etc.

- **EMI:** The Emissions Inventory Data (EMI) database includes toxics and criteria pollutant emissions data that is collected by the Air Resources Board (ARB) and local air pollution agencies.

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

- **FINDS:** The Facility Index System/Facility Registry System (FINDS) database contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in their 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).

- **HAZNET:** The HAZNET database extracts data 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

from non-California manifests & continuation sheets are not included at the present time. 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. The source is the Department of Toxic Substance Control.

- **HIST Cortese:** The historic "Cortese" Hazardous Waste and Substances Sites List is a list of sites that are designated by the State Water Resources Control Board (SWRCB), the Integrated Waste Board, and the Department of Toxic Substances Control.

- **HIST UST:** The HIST UST database contains information on sites where historical underground storage tanks are located.

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

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

- **Orange Co. Industrial Site:** List of industrial site cleanups maintained by the Orange County Health Care Agency (HCA), including petroleum and non-petroleum spills.

- **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 RCRA. Non-Generators do not presently generate hazardous waste.

- **RCRA-SQG:** The Resource Conservation and Recovery Act (RCRA) – Small Quantity Generator (SQG) database contains selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by RCRA. Small quantity generators generate less than 1,000 kilograms (kg) of hazardous waste, or over less than 1 kg of acutely hazardous waste per month. SQGs generate between 100 kg and 1,000 kg of hazardous waste per month.

- **RCRA-LQG:** The Resource Conservation and Recovery Act (RCRA) – Large Quantity Generator (LQG) database contains selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by RCRA. Large quantity

generators generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

- **SWEEPS UST:** The SWEEPS-UST database also maintains information on properties where an underground storage tank is located, however, this database is no longer updated.

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

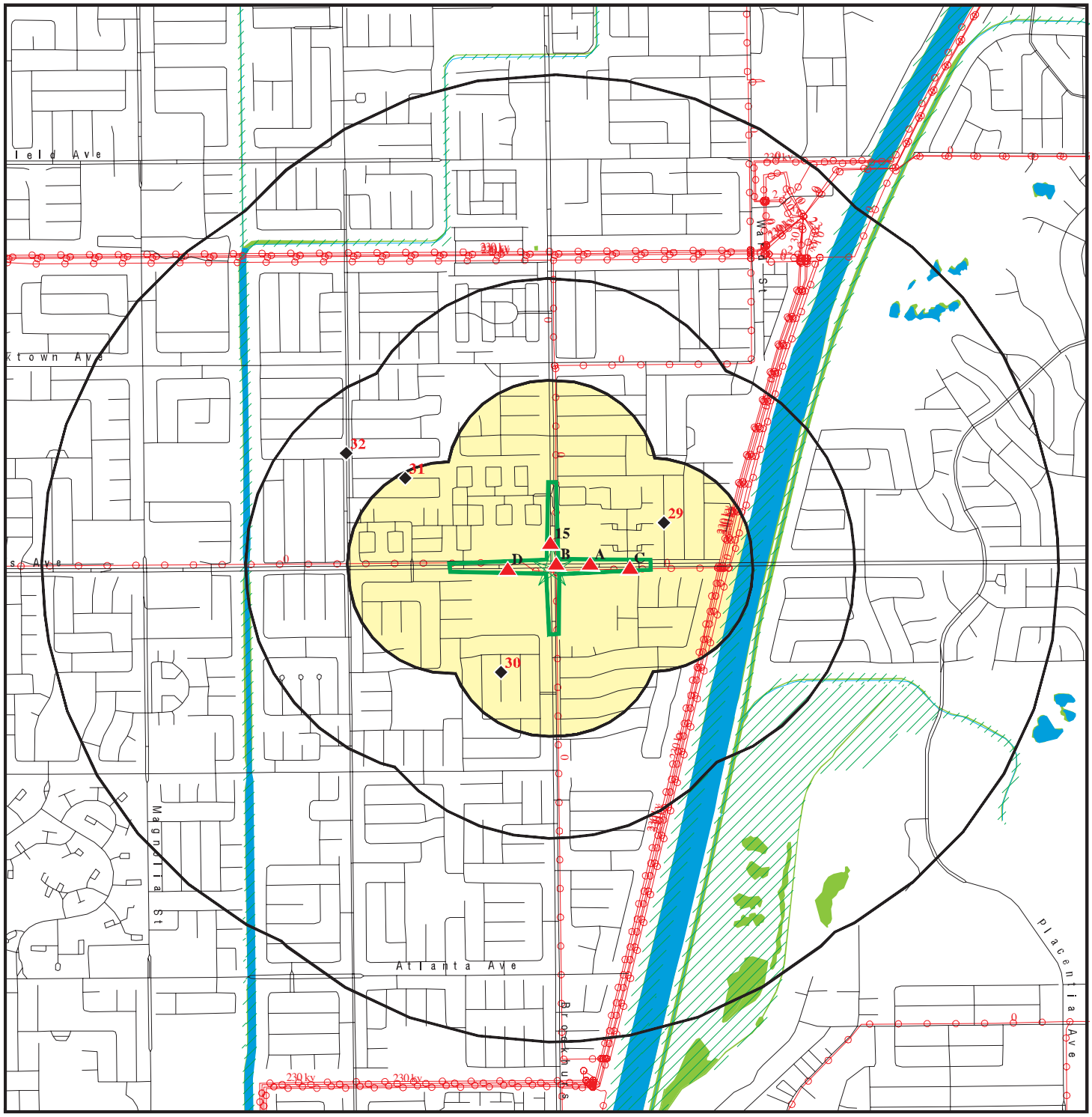
4.1.1 Subject Site

Available public records (provided by EDR) were reviewed by RBF on March 15, 2013; refer to Exhibit 5, *Overview Map*, for a mapping of reported regulatory properties. The lists that were reviewed reported the following five (5) regulatory properties that are associated with proposed ROW acquisition and have been reported in one (1) or more regulatory databases.

- **10072 Adams Avenue (Kragen Auto Parts):** This property is associated with proposed ROW acquisition and was listed within the EDR US Hist Auto Stat database. This site is anticipated be associated with an automobile parts store. It is RBF's opinion that hazardous materials of reportable quantities are not anticipated to have been located at this operation.

- **20001 Brookhurst Street (Shell/Donald C. Cline):** This property is associated with proposed ROW acquisition and was listed within the UST, RCRA-SQG, LUST, CA FID UST, HAZNET, SWEEPS UST, EDR US Hist Auto Stat, and HIST UST databases. This site is a reported underground storage tank (UST) location. This property is a reported small quantity generator; no violations were found. This site reported a release of gasoline from an underground storage tank (UST) to an aquifer used for drinking water. The site status remains open (assessment and interim remedial action) as of January 12, 2012. The site has also reported hazardous waste, including an aqueous solution with total organic residues of less than 10 percent, unspecified organic liquid mixture, and other organic solids; the reported disposal method is storage, bulking, and/or transfer off-site (no treatment/recovery) and other recovery of reclamation for reuse including acid regeneration, organics recovery, etc.

- **9971 Adams Avenue (Chevron):** This property is associated with proposed ROW acquisition and was listed within the LUST and CHMIRS databases. This site has reported a release of gasoline to an aquifer used for drinking water supply. The leak was discovered in 1950 and remediation (including in situ physical/chemical treatment [other than soil vapor extraction]) began. The case closed July 11, 1984. In 1991, another release of gasoline was discovered. The affected media is reported to include other groundwater. A Remedial



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

0 1/4 1/2 1 Miles

Source: EDR, Inc., 2013

RBF A Baker Company

3/26/13 JN 130100-19167 MAS

BROOKHURST STREET/ADAMS AVENUE INTERSECTION IMPROVEMENTS PROJECT • PHASE I ESA

Overview Map

Exhibit 5

Action Plan was drafted in 2007 and a Feasibility Study Report was drafted in 2008. The site status remains open (remediation). The site also noted water with a trace of Perclorate (40 parts per billion) in the storm drain/sewer system on November 19, 2003 during testing for gasoline from a pilot test at the former Chevron site. Gasoline lab data came back clean; however, the perchlorate sample tested positive.

- **9882 Adams Avenue (Target):** This property is associated with proposed ROW acquisition and was listed within the RCRA-LQG and RCRA-SQG databases. This site is a reported large quantity generator. No violations were found. The facility is also a reported small quantity generator. No violations were found.

- **10001 Adams Avenue (Super-7/Southland Corporation):** This property is associated with proposed ROW acquisition and was listed within the HIST UST, Notify 65, HIST Cortese, LUST, and UST databases. Three (3) USTs are reported to have been located at this gas station facility. The tanks included gasoline product. A release of gasoline to other groundwater (uses other than drinking water) was reported to occur in 1950 and discovered in 1989. Remediation, free product removal, was performed. The case was closed on December 8, 1997.

4.1.2 All Regulatory Listed Sites Within a One-Mile Radius of the Subject Site

Fifteen (15) listed regulatory sites are located within a one (1) mile radius of the subject site and are listed in one (1) or more of the regulatory databases. For a complete list of regulatory databases search as well as sites identified and their status, refer to Appendix B, *EDR Database Search*. Eight (8) of the fifteen (15) regulatory sites are considered to have a low potential of affecting the subject site for one (1) or more of the following reasons: distance from the subject site, direction of anticipated groundwater flow, and/or site status, or no contamination has been reported. However, the following seven (7) off-site properties have the potential to impact groundwater underlying the subject site:

- **10118 Adams Avenue (R Cleaners and Artistic Cleaners):** This property is located in the commercial center located in the southeast quadrant and was listed within the EDR US Hist Cleaners RCRA-SQG, FINDS, Orange Co. Industrial Site, DRYCLEANERS, HAZNET, and EMI databases. This regulatory property is reported as R Cleaners in 2001, Artistic Cleaners in 2002, and R Cleaners in 2003 through 2008, and R Cleaners in 2010 through 2012. The facility is a reported small quantity generator. No violations were found. A release of perchloroethylene trichloroethylene was reported; the case received closure certification on May 24, 1999. Waste reported on-site includes an aqueous solution with total organic residues of less than 10 percent and halogenated solvents (chloroforms, methyl chloride,

perchloroethylene, etc.). The reported disposal method is Recycler. This site was also reported in the EMI database in 1987, 1990, and 1995.

- **<u>10109 Adams Avenue (Artistic Cleaners/Best Cleaners)</u>:** This property is located in the commercial center located in the northeast quadrant and was listed within the RCRA-SQG, FINDS, Orange Co. Industrial Site, DRYCLEANERS, HAZNET, ENVIROSTOR, and EDR US Hist Cleaners databases. This regulatory property is reported as Best Cleaners in 1999 through 2003. The facility is a reported small quantity generator. No violations were found. Waste reported on-site includes halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc.). The reported disposal method is Recycler and Solvents Recovery. This site was also evaluated by the Department of Toxic Substances Control (DTSC) in 2001. A release of perchloroethylene trichloroethylene solvents-halogenated was reported; the case received closure certification on April 29, 2010.

- **<u>19885 Brookhurst Street (Rosie Cleaners)</u>:** This property is located in the commercial center located in the northwest quadrant and was listed within the RCRA-SQG and FINDS databases. The facility is a reported small quantity generator (1996) and historically a large quantity generator (1986). No violations were found.

- **<u>10035 Adams Avenue (Best Cleaners)</u>:** This property is located in the commercial center located in the northeast quadrant and was listed within the EDR US Hist Cleaners database. This regulatory property is reported as Best Cleaners in 2009 through 2012.

- **<u>9862 Adams Avenue (Oil Max 10 Minute Lube Wash)</u>:** This property is located in the commercial center located in the southwest quadrant and was listed within the EDR US Hist Auto Stat, CA FID UST, SWEEPS UST, and UST databases. This regulatory property is reported to be present in 1999 through 2005, and 2008 through 2012. This facility reported one (1) UST containing petroleum.

- **<u>20052 Brookhurst Street (Scher Tire Inc/Beach City Tire)</u>:** This property is located in the commercial center located in the southeast quadrant and was listed within the RCRA NonGen/NLR, FINDS, CA FID UST, HAZNET, UST, SWEEPS UST, HIST UST, Orange Co. Industrial Site, and ENVIROSTOR databases. This regulatory property does not presently generate hazardous waste. No violations were found. One (1) UST containing waste oil is reported. Waste reported on-site includes unspecified aqueous solution, unspecified organic liquid mixture, other organic solids, and waste oil and mixed oil. The reported disposal method is Recycler and Transfer Station. This site was evaluated by the DTSC for potential soil impacts. The release of vinyl chloride perchloroethylene trichloroethane dichloroethylene (1,2) waste (or slop) oil reported to soil; closure certification issued on October 24, 2005.

- **<u>19861 Ranger Lane (Clutter Cleaners)</u>:** This property is located greater than 400 feet northeast of the subject site and was listed within the EDR US Hist Cleaners database. This regulatory property is reported to be present in 2002.

4.1.3 Unmapped Properties Summary

According to EDR's *ESA Report Desktop Reference*, dated 1996, some reported sites (Unmapped Properties) are unmappable as exact locations remain undefined. Listings in publicly available records, which do not have adequate address information, are not generally considered practically reviewable. For the purposes of this Phase I ESA, practically reviewable is defined as information provided in a manner and in a form that yields information without the need for extraordinary analysis of irrelevant data. Although the location of these sites may be unknown, the site and detail information are often available through EDR.

RBF's review of Unmapped Properties consisted of a verification that the subject site is not listed (i.e., referenced by name or street address) and a review to identify if any of the Unmapped Properties cause a moderate to high potential to create a REC within the boundaries of the subject site. No listed Unmapped Properties are located within the boundaries of the subject site. A potential REC on the subject site caused by one or more of the Unmapped Properties is considered to be low due to the distance from the subject site, gradient, and/or the status of the identified sites.

4.2 ADDITIONAL ENVIRONMENTAL RECORDS SOURCES

4.2.1 File Record Review

RBF requested files for the on-site APNs (associated with proposed roadway ROW acquisition) at the Santa Ana Regional Water Quality Control Board (RWQCB), Department of Toxic Substances Control (DTSC), City of Huntington Beach Fire Department (HBFD), and the Orange County Health Care Agency Department of Environmental Health (HCA). The DTSC indicated that no records exist on file for the requested on-site APNs. RBF did not receive a response from the HCA or HBFD prior to completion of this Phase I ESA (refer to Appendix C, *Documentation*). The following includes a discussion of records maintained by the RWQCB.

4.2.1.1 9971 Adams Avenue

Based on review of available records at the RWQCB, a former Chevron service station (No. 9-8721) was located at the northwest corner of the intersection of Adams Avenue and Brookhurst Street. The station operations ceased, in 1984. Former station facilities included three underground storage tanks (USTs) used for gasoline, one UST used for waste oil, and three fuel dispenser islands. The site is currently occupied by a retail shopping center and bank.

In 1983, the Chevron station reported a loss of 1,875 gallons of gasoline. Non-aqueous-phase liquid (NAPL) was found in an excavation made by the city during the installation of the traffic lights at the intersection of Adams Avenue and Brookhurst Street on June 22, 1983. In June 1983, three groundwater monitoring wells were installed by Chevron personnel to a depth of 15 feet below ground surface (bgs). Petroleum hydrocarbon odors were reported during the drilling of borings, and groundwater was found at approximately 7 feet bgs.

In April 1984, three gasoline USTs and one used-oil UST were removed during the demolition of the site. Petroleum hydrocarbons were discovered in both the soil and groundwater at the bottom of the excavation. Work was halted by the HCA, and the gasoline UST excavation was temporarily backfilled. On May 3 and 4, 1984, Harding Lawson Associates (HLA) installed three groundwater monitoring wells to a depth of approximately 20 feet bgs at the site. Petroleum hydrocarbon odors were noted during the drilling, although no soil samples appear to have been analyzed.

In July 1984, the excavation was reopened and soil containing petroleum hydrocarbons was removed. A 16-inch-diameter well was installed on the south side of the site and was originally designed to provide a means to monitor and extract groundwater containing petroleum hydrocarbons. The excavation was then backfilled with clean soil and the Coast Savings building was constructed. A total of 1,208.45 tons of soil was excavated and transported from the site and disposed of at the BKK Landfill in Covina, California. However, it does not appear that any soil samples were analyzed for petroleum hydrocarbons during the tank removal 1995.

In January 1992, Well B-8 was installed in Adams Avenue to assess groundwater conditions north (up-gradient) of the Shell station (adjoining this property to the south). Petroleum hydrocarbons were detected in the soil sample collected at 10 feet bgs and in the groundwater samples collected from this well.

On August 16 and 23, 2001, Harding ESE installed two offsite groundwater monitoring wells, MW-4 and MW-5, located in the eastbound lanes of Adams Avenue, approximately 80 and 180 feet west of Brookhurst Street, respectively. With the exception of isolated concentrations of benzene, ethylbenzene, and total xylenes detected, all other analytes were below laboratory detection limits. Benzene, ethylbenzene, and total xylenes were detected in MW-4 at 0.041 milligrams per kilogram (mg/kg) (10 feet bgs), 0.012 mg/kg (20 feet bgs), and 0.0096 mg/kg and 0.021 mg/kg (10 and 20 feet bgs), respectively.

On May 28, 2002, Harding ESE installed one extraction well and two vapor probes to enhance remediation efforts at this site. The extraction well was installed to a depth of 20 feet bgs. The vapor probes were installed to depths of 9 feet and 10.5 feet bgs. Benzene

and total petroleum hydrocarbons as gasoline (TPHg) were detected in soil with maximum concentrations of 4.49 mg/kg and 6,190 mg/kg, respectively, at a depth of 11.5 feet bgs.

From June 4 to 7, 2002, TRC Alton Geoscience (TRC), under the direction of MACTEC, performed a 72-hour two-phase extraction (TPE) event utilizing a mobile treatment system (MTS) unit. The 72-hour TPE event was performed on two extraction wells. The total amount of petroleum hydrocarbon compounds destroyed during the 72-hour TPE event was approximately 185 pounds (30 gallons). A total volume of 18,358 gallons of groundwater was extracted during the 72-hour TPE event.

In October 2005, confirmation soil borings were advanced at the site to approximately 15 feet bgs. The soil samples collected from the confirmation borings did not contain di-isopropyl ether (DIPE), ethyl tertiary-butyl ether (ETBE), tertiary-amyl methyl ether (TAME), or tertiary-butyl alcohol (TBA). Methyl tertiary-butyl ether (MTBE) was detected near the method detection limit at 5 feet bgs at a maximum concentration of 0.0020J mg/kg. TPHg was detected at concentrations ranging from 0.10J mg/kg to 2,100 mg/kg.

One or more of benzene, toluene, ethylbenzene, and total xylenes (BTEX) compounds were detected; the soil sample collected from 10 feet bgs contained maximum concentrations these compounds ranging from 3.7J mg/kg to 290 mg/kg.

In March 2006, sub-slab vapor sample points were installed and sampled and a vapor hazard survey was conducted at the site. The vapor samples collected from the sub-slab vapor points did not contain detectable concentrations of BTEX, MTBE, or naphthalene; therefore, a risk assessment evaluation of vapors was not warranted. Additionally, the tracer compound (isobutene) was not detected in any of the vapor samples collected. Methane was detected in vapor samples at concentrations ranging from 11 to 550 parts per million by volume (ppmv). Fixed gasses were present in all the vapor samples collected at percentages ranging from 15 to 22 percent for oxygen, 73 to 82 percent for nitrogen, and 0.4 to 6.8 percent for carbon dioxide.

In February and March 2008, new wells were constructed at greater depths and with sumps capable of accommodating pumps for a future dual-phase extraction pilot test. In April 2008, a 7-day multi-phase extraction (MPE) pilot test was performed in order to remove hydrocarbon mass and evaluate the feasibility of MPE at the site. The estimated hydrocarbon mass removal during the MPE pilot test was approximately 1,006 pounds.

In October 2008, SAIC submitted a Corrective Action Plan (CAP) for the site proposing the installation of a fixed dual-phase extraction (DPE) system. Following permitting and construction, the SVE portion of the system was started on February 1, 2010. Operation of

the groundwater extraction (GWE) portion of the system was initiated on March 11, 2010. The DPE system operated at the site from February 2010 to June 2012. Since start up, the GWE and SVE systems have not been able to operate consistently due to the production of large volumes of silt, low mass removal rates during recent operation, and the significant repairs that would be required for continual operation. The GWE portion of the system was discontinued on December 7, 2011 due to plugging of the tank and carbon vessels with large amounts of silt. The SVE portion of the system was shut down on June 2, 2012 due to low asymptotic mass removal rates.

Quarterly groundwater monitoring has been performed since 1991.

4.2.1.2 20001 Brookhurst Street

Based on review of available records at the RWQCB, this former Shell gasoline station was located at the southwest corner of the intersection of Brookhurst Street and Adams Avenue. The former station fueling system included three 12,000-gallon double-walled fiberglass USTs containing gasoline, one 550-gallon single-walled fiberglass UST containing used oil, and four dispenser islands. The station building also included three automotive service bays.

In December 1988, an initial investigation was conducted, which indicated that total petroleum hydrocarbons as gasoline (TPH-G) were detected in soil samples. In 1990, one 10,000-gallon and two 8,000-gallon single-walled steel USTs were removed and replaced. Approximately 575 cubic yards of soil containing TPH-G were excavated and transported to a Class I landfill. Further site characterization determined that TPH-G was detected in groundwater samples. In 1993, a SVE system was recommended for installation. In 1995 to 1998, a SVE system operated and approximately 6,925 pounds of vapor phase hydrocarbons were recovered. During this time, TPH-G was detected in a soil sample and dissolved phase TPH-G, as well as benzene, toluene, ethylbenzene, and xylenes (BTEX) were detected in groundwater samples. From 1997 to 1999, ORC© socks were placed in wells. In 1997, USTs, dispensers, and piping were upgraded to agency standards at the time. From 1999 to 2001, additional site assessment and an Interim Remedial Action Plan (IRAP) was conducted/prepared to further define contamination and develop remediation goals. In 2001, a groundwater extraction system was activated and in 2002 through 2004 the SVE system was re-started (approximately 29,410 pounds of vapor phase hydrocarbons were recovered). In 2002, product lines and dispenser islands were upgraded for regulatory compliance. In 2005, Phase II Site Assessment was conducted, which identified TPH-G, MTBE, and TBA detected in soil samples. A work plan was then developed and approved by the HCA in 2007. Additional Assessment was conducted from 2007 to 2009. In 2010, the HCA approved shutdown of the groundwater treatment system. A total of 2,752,478 gallons of water were treated and approximately 109 pounds of dissolved-phase TPH-G was removed from October 2, 2001 through July 21, 2010. In 2011 and 2012, additional

assessment and a work plan were conducted/developed. Results from the investigation indicated that the highest concentrations of BTEX were confined to areas near the product dispenser islands. A limited remedial excavation in the product dispenser islands was proposed along with the abandonment of several wells to accommodate redevelopment activities. Petroleum fuel hydrocarbon concentrations detected in the excavation confirmation soil samples (collected and analyzed under the supervision of both the HCA and HBFD) were below the HBFD's oil screening levels of 1,000 mg/kg for TPH and 10 mg/kg for BTEX.

This site has recently undergone redevelopment. The former Shell gasoline station was demolished. All on-site USTs, dispenser islands, associated piping materials, and mechanical hoists were removed. A bank is currently being constructed at this property.

The gasoline and waste-oil USTs were removed under the supervision of the HBFD. Upon removal from excavations, the USTs were visually inspected and appeared to be in good condition. Furthermore, no sign of leaks from the USTs were observed in the excavations.

This property is currently undergoing assessment and interim remedial action as of January 12, 2012. As of October 25, 2012, groundwater monitoring indicated that concentrations of benzene, MTBE, and TBA have generally decreased or been stable over time.

The secondary source of petroleum hydrocarbons has been removed to the extent practicable. Based on excavation verification data, the removal of petroleum fuel hydrocarbon impacted soil met or was below the HBFD Specification 431-92 Criteria. Groundwater monitoring activities will continue. Approximately three months after redevelopment activities are completed, a Soil Vapor Intrusion Health Risk Assessment will be conducted to confirm that there is no risk to building occupants from any residual hydrocarbons.

4.2.1.3 10001 Adams Avenue

Based on review of available records at the RWQCB, 10001 Adams Avenue was a former LUST cleanup site. Other groundwater (uses other than drinking water) was potentially impacted by gasoline. The groundwater was reported to have a beneficial use of municipal and domestic supply. Excavation and free product removal occurred from 1989 to 1996. The case was closed by the HCA on December 8, 1997.

4.3 HISTORICAL USE INFORMATION ON THE SUBJECT SITE AND ADJOINING PROPERTIES

The ASTM E 1527-05 Standard Practice allows discretion in choosing from among eight standard sources, plus "other" non-specific sources (other non-specific sources can include newspaper

archives and records in the files and/or personal knowledge of the property owner and/or occupants). The standard sources are aerial photographs, fire insurance maps, property tax files, recorded land title records (a chain-of-title), historical topographic maps, local street directories, building department records, and zoning/land use records. The focus is on usage rather than ownership, which is why a chain-of-title is not sufficient by itself.

4.3.1 Methodology and Limiting Conditions

Historical information for the subject site was obtained from **1901** to the present. Per ASTM, historical uses "shall be identified from the present, back to the **property's obvious** first development use [including agricultural and fill activities], or back to 1940, whichever is **earlier**."

Data failure (a subset of a data gap) occurs when all of the standard historical sources that are reasonably ascertainable and likely to be useful have been reviewed and yet the objectives of this Phase I ESA have not been met. Data failure is not uncommon in trying to identify the use of the property at five-year intervals back to the first use or 1940 (whichever is earlier). RBF requested but did not receive a response from the HCA or HBFD regarding on-site file reviews, as discussed above.

4.3.2 Standard Historical Sources

4.3.2.1 Historical Uses Summary

Based on review of the above-referenced historical aerial photographs, the subject site appears to have consisted of roadway uses and vacant land prior to 1938, roadway and agricultural uses from between 1938 up to 1968, and commercial/residential uses from 1968 to current. The general subject site vicinity appears to have been significantly developed in the 1960's. The on-site commercial structure appears to have been constructed between 2005 and 2009. The on-site stucco wall associated with residential uses appears to have been constructed between 1960 and 1968. Refer to Table 2, *Historical Uses Summary*.

Table 2
Historical Uses Summary

Year	On-Site Use	Surrounding Uses	Source
1901	Generally, the project area is located in the vicinity of La Bolsa Chica and includes infrastructure and vacant land.	Sparse structures and infrastructure. The Sana Ana River is also noted in the area.	USGS Topographic Maps
1902	No changes noted.	No changes noted.	USGS Topographic Maps
1935	The project site includes the improved roadway Adams Avenue (trending east/west) and the unimproved roadway Wright (trending north/south).	The channelized Sana Ana River is noted to the east.	USGS Topographic Maps
1938	No changes noted.	Surrounding land uses appear to consist of vacant land, with one structure visible in the northeastern quadrant of the subject site (which appears to be associated with residential uses).	Aerial Photographs
1942	The roadway Adams Avenue appears to have been further improved.	No changes noted.	USGS Topographic Maps
1947	The subject site appears to consist of roadway uses and land associated with agricultural uses.	Surrounding land uses appear to consist of vacant and agricultural land uses.	Aerial Photographs
1951	No changes noted.	Multiple oil wells and associated oil tanks are noted to the southwest of the subject site.	USGS Topographic Maps
1953	Adams Avenue appears to have been further improved.	No changes noted.	Aerial Photographs
1960	The roadway trending north/south (Wright) appears to have been further improved.	No changes noted.	Aerial Photographs
1963	Commercial uses associated with ROW acquisition are noted in building records.	General tenant improvement building permits associated with commercial uses to the northwest are noted.	Building Records
1964	General tenant improvement building permits issued for the on-site structure are noted.	General tenant improvement building permits issued for commercial uses to the northeast are noted. Permits for the installation of USTs are noted at 9971 Adams Avenue (to the northwest).	Building Records
1965	The subject site consists of the improved roadways Adams Avenue and the renamed Brookhurst Street (previously referenced as Wright).	Surrounding development in the project area, particularly to the north has increased significantly. General tenant improvement building permits issued for commercial uses to the northwest and northeast are noted.	USGS Topographic Maps Building Records
1966	Building permit issued to the residence at 20011 Lawson Lane for a block wall (located on-site).	General tenant improvement building permits issued for issued for commercial uses to the northeast are noted.	Building Records
1967	N/A	General tenant improvement building permits issued for commercial uses to the northeast are noted.	Building Records

Year	On-Site Use	Surrounding Uses	Source
1968	The subject site appears to consist of roadway uses and land associated with commercial and residential uses.	The northeastern quadrant of the subject site appears to have been developed with commercial and residential uses. One small structure (appears to be associated with residential uses) appears to have been constructed in the northwestern quadrant. General tenant improvement building permits issued for commercial uses to the northwest are noted.	Aerial Photographs Building Records
1969	General tenant improvement building permits issued for the on-site commercial building are noted.	General tenant improvement building permits issued for commercial uses to the northwest are noted.	Building Records
1970	N/A	General tenant improvement building permits issued for commercial uses to the northwest, northeast, and southwest are noted. Permits issued for the installation of four (4) USTs and canopies for 20001 Brookhurst Street are also noted.	Building Records
1971	N/A	General tenant improvement building permits issued for commercial uses to the southwest are noted.	Building Records
1972	A residence is listed in association with the on-site wall. On-site commercial uses noted in association with ROW acquisition include Two Guys Discount Store and Pharmacy, Chuck Merry Chevron/Towing (9971 Adams Avenue), Phillips Petroleum/66 Service (10001 Adams Avenue), Baileys Shell Service (20001 Brookhurst Street), Vons Grocery, Bank of America, and Downey Savings and Loan.	Development has significantly increased in the area. Off-site uses noted in the surrounding area include residence, restaurants, and retail uses, as well as neighborhood commercial uses that may include hazardous materials, including Thrifty Drug Stores, Fotomat Drive Thru, and Yes One Hour Cleaner. General tenant improvement building permits issued for commercial uses to the northwest and southeast are noted.	USGS Topographic Maps City Directory Building Records
1973	N/A	General tenant improvement building permits issued for commercial uses to the southeast and southwest are noted.	Building Records
1975	General tenant improvement building permits issued for the on-site commercial structure are noted. No other changes noted.	Other off-site uses noted in the surrounding area, other than those noted in 1972, that may include hazardous materials include medical office uses, Baileys Hair Fashions, Goodyear Tire, and Artistic Dry Cleaner.	City Directory Building Records
1976	N/A	General tenant improvement building permits issued for commercial uses to the northeast are noted.	Building Records

Year	On-Site Use	Surrounding Uses	Source
1977	The subject site appears to consist of roadway uses and adjoining commercial and residential uses.	The remaining northwest, southwest, and southeastern quadrants appear to have been developed with commercial and residential uses. Building permit issued for the construction of a new 6,000 square foot building at the off-site commercial uses to the southeast are noted.	Aerial Photographs Building Records
1978	N/A	General tenant improvement building permits issued for commercial uses to the northeast and southwest are noted.	Building Records
1979	General tenant improvement building permits issued for the on-site commercial structure are noted.	General tenant improvement building permits issued for 98882 Adams Avenue.	Building Records
1980	On-site commercial uses noted in association with ROW acquisition include Fedmart Pharmacy, Baddon H Chevron (9971 Adams Avenue), Super 7 (10001 Adams Avenue), Clines Don Shell (20001 Brookhurst Street), and retail/office uses.	Other off-site uses noted in the surrounding area, other than those noted in 1975, that may include hazardous materials include West Coast Hair, Goodyear Tire Center, and R Cleaners. General tenant improvement building permits issued for commercial uses to the southeast and southwest are noted.	City Directory Building Records
1981	No changes noted.	General tenant improvement building permits issued for commercial uses to the southwest are noted.	USGS Topographic Maps Building Records
1982	N/A	General tenant improvement building permits issued for commercial uses to the southeast are noted.	Building Records
1983	N/A	General tenant improvement building permits issued for commercial uses to the northwest, southeast, and southwest are noted.	Building Records
1984	General tenant improvement building permits issued for 10111 Adams Avenue.	General tenant improvement building permits issued for commercial uses to the northwest, northeast, and southeast are noted. Permit issued to abandon/demolish existing off-site service station for 9971 Adams Avenue (to the northwest) is noted.	Building Records
1985	On-site commercial uses noted in association with ROW acquisition include Super 7 (10001 Adams Avenue), Target, Clines Don Shell (20001 Brookhurst Street), Downey Savings and Loan, and retail/office uses. No listing is noted at 9971 Adams Avenue. General tenant improvement building permits issued for the on-site commercial building are noted.	No changes noted.	City Directory Building Records

Year	On-Site Use	Surrounding Uses	Source
1986	General tenant improvement building permits issued for the on-site commercial building are noted.	N/A	Building Records
1988	General tenant improvement building permits issued for the on-site commercial building are noted.	General tenant improvement building permits issued for commercial uses to the southeast are noted.	Building Records
1989	N/A	General tenant improvement building permits issued for commercial uses to the southwest are noted.	Building Records
1990	The potential historic gas station noted at the northwestern quadrant in 1977 is no longer visible. On-site commercial uses noted in association with ROW acquisition include Clines Don Shell (20001 Brookhurst Street), Downey Savings and Loan, and retail uses.	Other off-site uses noted in the surrounding area, other than those noted in 1980, that may include hazardous materials include Moto Photo, Savon Drug Pharmacy, medical/office uses, Beach Combers Hair Design, and Nails Today. General tenant improvement building permits issued for commercial uses to the southwest are noted.	Aerial Photographs City Directory Building Records
1991	General tenant improvement building permits issued for the on-site commercial structure is noted.	General tenant improvement building permits issued for commercial uses to the southeast are noted.	City Directory
1992	N/A	General tenant improvement building permits issued for commercial uses to the southeast and southwest are noted.	Building Records
1993	N/A	General tenant improvement building permits issued for commercial uses to the northwest are noted.	Building Records
1994	No changes noted.	General tenant improvement building permits issued for commercial uses to the northeast and northwest are noted.	Aerial Photographs Building Records
1995	N/A	General tenant improvement building permits issued for issued for commercial uses to the northeast and southwest are noted.	Building Records
1996	On-site commercial uses noted in association with ROW acquisition include Clines Don Shell (20001 Brookhurst Street), Downey Savings and Loan, as well as office and retail uses. General tenant improvement building permits issued for the on-site commercial structure are noted.	Other off-site uses noted in the surrounding area, other than those noted in 1990, that may include hazardous materials include American Furniture Refurbishing, Trak Auto, Best Cleaners, Splash Unique Hair, Infinite Service Center, and Annas Nails. General tenant improvement building permits issued for commercial uses to the northwest, northeast, and southwest are noted.	City Directory Building Records
1997	General tenant improvement building permits issued for the off-site residence at 20011 Lawson Lane (associated with an on-site block wall structure).	General tenant improvement building permits issued for commercial uses to the southwest are noted.	Building Records

Year	On-Site Use	Surrounding Uses	Source
1998	N/A	General tenant improvement building permits issued for commercial uses to the northwest, southeast, and southwest are noted.	Building Records
1999	Temporary use building permits issued for the on-site commercial structure are noted.	General tenant improvement building permits issued for commercial uses to the northwest and southwest are noted.	Building Records
2000	On-site commercial uses noted in association with ROW acquisition include restaurant and retail uses, as well as Clines Don Shell (20001 Brookhurst Street), Downey Savings and Loan, and Kragen Auto Parts.	Other off-site uses noted in the surrounding area, other than those noted in 1996, that may include hazardous materials include Savon Drug Pharmacy, medical office uses, Nails, Goodyear Tire Centers, and Ward Mechanical. General tenant improvement building permits issued for commercial uses to the southwest are noted.	City Directory Building Records
2001	N/A	General tenant improvement building permits issued for commercial uses to the southwest are noted.	Building Records
2002	N/A	General tenant improvement building permits issued for commercial uses to the northwest and southeast are noted. Certificate of occupancy issued for 20002 Brookhurst Street (located to the southeast).	Building Records
2003	N/A	General tenant improvement building permits issued for commercial uses to the southwest are noted.	Building Records
2004	N/A	General tenant improvement building permits issued for commercial uses to the southwest are noted.	Building Records
2005	On-site commercial uses noted in association with ROW acquisition include Brookhurst Classic Shell (20001 Brookhurst Street) and Downey Savings and Loan. Building permit issued for the construction of a new building at the on-site commercial structure is noted.	The commercial uses in the northeastern quadrant appear to have been demolished. Other off-site uses noted in the surrounding area that may include hazardous materials include, HB Beauty Supply and Salon, Michele's Nails, Digi Photo, and Super RX Pharmacy. Permits issued for the demolition of an existing structure the construction of a new Target building are noted to the southwest.	Aerial Photographs City Directory Building Records
2006	General tenant improvement building permits issued for the on-site commercial structure are noted.	General tenant improvement building permits issued for commercial uses to the northwest, northeast, and southwest are noted.	Building Records
2007	General tenant improvement building permits issued for the on-site commercial structure are noted.	N/A	Building Records

Year	On-Site Use	Surrounding Uses	Source
2008	N/A	General tenant improvement building permits (for a new pad and air tank) issued for 20001 Brookhurst Street (located to the southwest).	Building Records
2009	The on-site commercial structure appears to have been constructed.	Commercial uses in the northeastern quadrant appear to have been reconstructed. General tenant improvement building permits issued for commercial uses to the southeast and southwest are noted.	Aerial Photographs Building Records
2010	On-site commercial uses noted in association with ROW acquisition include Brookhurst Classic Shell (20001 Brookhurst Street), Downey Savings and Loan, Wells Fargo, Starbucks Coffee, Kragen Auto Parts, Fred Lee DDS, and Happy Nails and Spa.	No changes noted. Off-site uses reported to include restaurants and retail uses, as well as neighborhood commercial uses that may include hazardous materials, including Salon Domane, NB Oil Co Inc, and medical office uses. General tenant improvement building permits issued for commercial uses to the northwest and southwest are noted.	Aerial Photographs City Directory Building Records
2012	N/A	General tenant improvement building permits issued for issued for commercial uses to the southeast and southwest are noted. Permits were issued for the demolition of an existing gas station and the construction of a new Chase Bank building for 20001 Brookhurst Street (located to the southwest).	Building Records
2013	General tenant improvement building permits issued for the on-site commercial building.	General tenant improvement building permits issued for commercial uses to the southeast are noted.	Building Records

Notes:
Other sources reviewed, but that which did not include information pertaining to the subject site included the following: Sanborn Maps.
Source: Refer to Section 7, *References*, and Appendix C, *Documentation*, for full citation and documentation of sources utilized in this table.

4.3.2.2 Property Tax Files

The County Parcel Maps were reviewed for the on-site APNs, including APN Maps 151-46, 153-17, 155-05, 155-16, and 155-18 (refer to Appendix C, *Documentation*).

4.3.2.3 Zoning/Land Use Records

Zoning/land use records generally consist of records maintained by the local government in which the subject site is located. They indicate the uses permitted by the local government for particular zones within its jurisdiction. The records may consist of maps and/or written records. According to *The City of Huntington Beach General Plan Land Use Map*, dated March 2007, the land use designations associated with the subject site include Commercial General with a permitted density of 0.35 (CG-F1), Residential Medium High Density (RMH-25), and Residential Low Density (RL-7). *The City of Huntington Beach Zoning*,

revised April 2010, designates the subject site as Commercial General (CG), Residential Medium High Density (RMH), and Residential Low Density (RL).

4.3.2.4 California Department of Oil, Gas, and Geothermal Resources

RBF reviewed the California Department of Oil, Gas, and Geothermal Resources (DOGGR) online mapping system (on March 19, 2013), which indicates existing and historical oil and gas wells within the immediate vicinity of the subject site. Current well status for any well indicated in the online mapping system should be confirmed at the appropriate Division of Oil and Gas District Office. According to the online mapping system, the subject site does not appear to be located in a sedimentary basin with oil, gas, or geothermal production. No oil or gas wells were noted within the boundaries of the subject site. However, there are several plugged and abandoned oil wells noted within the vicinity of the subject site (refer to Appendix C, *Documentation*). Further, it should be noted that multiple oil fields are present in the City and general surrounding area.

4.3.2.5 Other Historical Sources

Other historical sources include miscellaneous maps, newspaper archives, and records in the files and/or personal knowledge of the property owner and/or occupants. Based on Figure EH-103, Methane Overlay District, of the Environmental Hazards Element of *The City of Huntington Beach General Plan*, the subject site is located within a designated Methane Overlay District (District 2). This designation indicates areas in the City that have been affected by methane gas. Huntington Beach was identified as a high-risk area relative to methane gas migration into and/or from the shallow geology (peat and organic) deposits. The City has enacted methane seepage district regulations for these areas. The main conduit for petrogenic methane is through abandoned oil wells. Therefore, all areas which lie above or in the immediate vicinity of one of the identified major oil field areas or drilling areas in the City are potentially areas of concern. Methane may also be trapped beneath impervious surfaces (e.g. parking lots) or in enclosed underground areas (e.g., basements, subterranean garages, tunnels) where concentrations may cause an explosion or hazardous breathing conditions.

Section 5 SITE RECONNAISSANCE

According to the ASTM E 1527-05 Standard Practice, the objective of the site reconnaissance is to obtain information indicating the likelihood of identifying RECs in connection with the subject site. On a visit to the subject site (site visit), the subject site shall be visually and/or physically observed and any structure(s) located on the subject site to the extent not obstructed by bodies of water, adjacent buildings, or other obstacles shall be observed. The periphery of the subject site shall be visually and/or physically observed, as well as the periphery of all structures on the subject site, and the subject site shall be viewed from all public thoroughfares. If roads or paths with no apparent outlet are observed on the subject site, the use of the road or path should be identified to determine whether it was likely to have been used as an avenue for disposal of hazardous substances or petroleum products. On the interior of structures on the subject site, accessible common areas expected to be used by occupants or the public (such as lobbies, hallways, utility rooms, recreation areas, etc.), maintenance and repair areas, including boiler rooms, and a representative sample of occupant spaces, should be visually and/or physically observed. It is not necessary to look under floors, above ceilings, or behind walls.

5.1 METHODOLOGY AND LIMITING CONDITIONS

RBF environmental analysts Ms. Kristen Bogue and Ms. Kelly Chiene, Certified Environmental Inspectors (CEI), visited the subject site at approximately 2:00 p.m. on March 5, 2013, to conduct the site visit. Ms. Kristen Bogue and Ms. Kelly Chiene walked the limits of the subject site. The temperature was approximately 65 degrees Fahrenheit and the sky was clear. The subject site did not receive precipitation within one week of the site visit. RBF observed immediately adjoining properties from public thoroughfares. No limitations, including limitations imposed by physical obstructions (i.e., adjacent buildings, bodies of water, asphalt, or other paved areas) or limiting conditions (e.g., snow, rain) were encountered during the course of this Phase I ESA. Refer to Exhibits 6, *On-Site Photographs*, and Exhibit 7, *Off-Site Photographs*, for photographic documentation taken during the site visit on March 5, 2013.

5.2 GENERAL SITE SETTING

Utilizing information from previous sections, RBF performed a site visit on March 5, 2013. The following sections build upon existing information and define existing conditions as observed during the site visit.

5.2.1 Current Uses of the Subject Site

The subject site consists of Brookhurst Street and Adams Avenue roadway ROW, sidewalk, curb, and gutter improvements, and portions of adjoining commercial and residential uses within multiple APNs.

View of proposed structure to be modified in the Northeast Quadrant.

View of on-site transportation uses.

Typical view of on-site pole-mounted transformers.

Typical view of on-site ornamental landscaping associated with off-site commercial uses.

BROOKHURST STREET/ADAMS AVENUE INTERSECTION
IMPROVEMENTS PROJECT • PHASE I ESA

On-Site Photographs

RBF
A Baker Company

3/26/12 JN 130100-19167 MAS

Exhibit 6

View of adjoining commercial uses located in the Southwest Quadrant.

View of adjoining residential uses located in the Northeast Quadrant.

View of adjoining commercial uses located in the Northeast Quadrant.

View of adjoining utilities located in the Northwest Quadrant.

BROOKHURST STREET/ADAMS AVENUE INTERSECTION
IMPROVEMENTS PROJECT • PHASE I ESA

Off-Site Photographs

RBF A Baker Company

3/26/12 JN 130100-19167 MAS

Exhibit 7

5.2.2 Past Uses of the Subject Site

Past uses of the subject site are reported to consist of transportation, commercial (including gas stations), and residential uses. The on-site properties located at 20001 Brookhurst Street and 9971 Adams Avenue (former gas stations) are reported former UST locations. These properties reported releases of gasoline to groundwater and remain open for assessment and remedial action. The on-site property located at 10001 Adams Avenue is a former gas station with former USTs with reported releases to groundwater; however, the case was closed in 1997. These three gas stations are no longer present.

5.2.3 Current Uses of Adjoining Properties

Surrounding off-site uses appeared to consist of commercial and residential uses, which were observed during the site visit. During a preliminary observation of adjoining properties from public thoroughfares, no visible or physical evidence was observed to suggest that a surface release of petroleum-based material has recently occurred. Two (2) drycleaning facilities were observed adjacent to the subject site during the site visit. No unusual or suspicious materials handling or storage practices were observed with respect to adjacent properties during the March 5, 2013 site visit. No gas stations are currently visible in the vicinity of the subject site. It should be noted that unidentified equipment that was fenced off from the general public was located in a parking lot adjacent to the project site to the northwest. The purpose of this equipment has not been identified to RBF through the documentation reviewed and interviews conducted as part of this Phase I ESA.

5.2.4 Past Uses of Adjoining Properties

Based on available documentation obtained, off-site uses appear to have historically consisted of agricultural, commercial (including drycleaners and automobile-oriented businesses), and residential land uses.

5.2.5 Current or Past Uses in the Surrounding Area

No additional information regarding the current or past uses in the surrounding area is noted.

5.2.6 Geologic, Hydrogeologic, Hydrologic, and Topographic Conditions

Based on site conditions observed during the site visit, run-off associated with the subject site is associated with a curb and gutter storm drain system.

5.2.7 General Description of Structures

One (1) structure (the Comerica building) was observed within the subject site. This structure appears to include typical neighborhood commercial uses and does not appear to include hazardous materials-related uses.

5.2.8 Roads

The subject site consists of portions of Brookhurst Street and Adams Avenue. Both roadways are improved and consist of asphalt.

5.2.9 Potable Water Supply

No evidence of a potable water supply was noted during the site visit.

5.2.10 Sewage Disposal System

No evidence of sewage disposal systems was observed during the site visit.

5.3 INTERIOR AND EXTERIOR OBSERVATIONS

5.3.1 Hazardous Substances and Petroleum Products in Connection with Identified Uses

RBF did not observe hazardous substances or petroleum products during the site visit.

5.3.2 Storage Tanks

During the March 5, 2013 site visit, the subject site was inspected for fill pipes, vent pipes, areas of abnormal or heavy staining, manways, manholes, access covers, concrete pads not homogenous with surrounding surfaces, concrete build-up areas potentially indicating pump islands, abandoned pumping equipment, or fuel pumps. No evidence of ASTs or USTs was noted on-site.

5.3.3 Odors

RBF did not observe any odors during the site visit.

5.3.4 Pools of Liquid

RBF did not observe any pools of liquid during the site visit.

5.3.5 Drums

RBF did not observe any storage drums during the site visit.

5.3.6 Hazardous Substance and Petroleum Products Containers (Not Necessarily in Connection With Identified Uses)

RBF did not observe any substance or petroleum product containers during the site visit.

5.3.7 Unidentified Substance Containers

RBF did not observe any unidentified substance containers during the site visit.

5.3.8 PCBs

Multiple power poles with twelve (12) associated pole-mounted transformers were observed within the boundaries of the subject site. No staining or leaking was observed in association with the transformers.

5.4 INTERIOR OBSERVATIONS

5.4.1 Heating/Cooling

Although one (1) structure (Comerica building) was noted on-site, RBF did not make interior observations during the site visit. It should be noted that this structure appears to include typical neighborhood commercial uses and does not appear to include hazardous materials-related uses.

5.4.2 Stains or Corrosion

Although one (1) structure (Comerica building) was noted on-site, RBF did not make interior observations during the site visit. It should be noted that this structure appears to include typical neighborhood commercial uses and does not appear to include hazardous materials-related uses.

5.4.3 Drains and Sumps

Although one (1) structure (Comerica building) was noted on-site, RBF did not make interior observations during the site visit. It should be noted that this structure appears to include typical neighborhood commercial uses and does not appear to include hazardous materials-related uses.

5.5 EXTERIOR OBSERVATIONS

5.5.1 Pits, Ponds, or Lagoons

No pits, ponds, or lagoons were noted during the site visit.

5.5.2 Stained Soil or Pavement

No stained soil or pavement was noted during the site visit.

5.5.3 Stressed Vegetation

Vegetation on-site primarily consisted of ornamental grasses, trees, and shrubs along the sidewalks of Brookhurst Street and Adams Avenue. No stressed vegetation was observed within the subject site.

5.5.4 Solid Waste

RBF did not observe evidence of solid waste during the site visit.

5.5.5 Waste Water

RBF did not observe any evidence of waste water during the site visit.

5.5.6 Wells

No wells were observed within the boundaries of the subject site. It should be noted that based on available files maintained by the Regional Water Quality Control Board (RWQCB), there appears to be seven groundwater monitoring wells currently operating on-site. Multiple groundwater monitoring wells, recovery wells, vapor extraction wells, vapor probe wells, and abandoned groundwater monitoring wells are also located in the immediate surrounding area. These wells have been installed as a result of past releases of contamination to soil and groundwater from historically adjoining gas station facilities.

5.5.7 Septic Systems

Residential septic systems are possible receivers of household waste and can be the source for soil and groundwater contamination. Active and vacant residential structures not connected to the city sewer are likely to have septic systems. The on-site commercial and residential uses are connected to the City's sewer system; therefore, the potential for on-site septic tanks is unlikely.

5.6 NON-SCOPE CONSIDERATIONS

5.6.1 Asbestos Containing Material

Asbestos is a strong, incombustible, and corrosion resistant material, which was used in many commercial products since prior to the 1940s and up until the early 1970s. If inhaled, asbestos fibers can result in serious health problems. Asbestos containing materials ACMs are building materials containing more than one percent (1%) asbestos (some state and regional regulators impose a one-tenth of one percent (0.1%) threshold). One (1) structure is located within the boundaries of the subject site. Based on available aerial photographs, this on-site structure appears to have been constructed between 2005 and 2009. Therefore the potential for ACMs to be found on-site is considered unlikely.

5.6.2 Lead-Based Paints

Until 1978, when the U.S. Consumer Product Safety Commission (CPSC) phased out the sale and distribution of residential paint containing lead, many homes were treated with paint containing some amount of lead. It is estimated that over 80 percent of all housing built prior to 1978 contains some

lead-based paint (LBP). The mere presence of lead in paint may not constitute a material to be considered hazardous. In fact, if in good condition (no flaking or peeling), most intact LBP is not considered to be a hazardous material. In poor condition LBPs can create a potential health hazard for building occupants, especially children. One (1) structure is located within the boundaries of the subject site. Based on available aerial photographs, this on-site structure appears to have been constructed between 2005 and 2009. Therefore the potential for LBPs to be found on-site is considered unlikely. However, one on-site block wall appears to have been constructed prior to 1978. Minor areas of flaking paint were noted.

5.6.3 Wetland and Other Waters

A formal Delineation of Jurisdictional Waters was not included in this Phase I ESA; however, it should be noted that RBF did not observe wetlands or surface water during the site visit.

Section 6 FINDINGS, OPINIONS, AND CONCLUSIONS

RBF has performed a Phase I ESA in general conformance with the scope of services and limitations of ASTM E 1527-05 Standard Practice for the Brookhurst Street/Adams Avenue Intersection Improvements Project, City of Huntington Beach, County of Orange, California, also known as the subject site within this Phase I ESA. Any exceptions to, or deletions from, this practice are described in the Executive Summary of this report. This Phase I ESA has revealed the following in connection with the subject site.

6.1 FINDINGS AND OPINIONS

The following findings and opinions are based upon the review of reasonable ascertainable referenced material available to RBF during the preparation of this Phase I ESA, which included historical aerial photographs, historical topographic maps, regulatory databases, interviews, site reconnaissance, and other documentation:

6.1.1 Site Reconnaissance

The following summarizes the findings of RBF's March 5, 2013 site visit.

6.1.1.1 Asbestos-Containing Materials

Asbestos is a strong, incombustible, and corrosion resistant material, which was used in many commercial products since prior to the 1940s and up until the early 1970s. If inhaled, asbestos fibers can result in serious health problems. Asbestos containing materials are building materials containing more than one percent (1%) asbestos (some state and regional regulators impose a one-tenth of one percent (0.1%) threshold). Due to the age of the on-site structure (constructed between 2005 and 2009) located at APN 155-051-11 (Comerica building), the presence of ACMs are unlikely. Therefore, it is the opinion of RBF that no REC has resulted.

6.1.1.2 Lead-Based Paints

Until 1978, when the U.S. Consumer Product Safety Commission (CPSC) phased out the sale and distribution of residential paint containing lead, many homes were treated with paint containing some amount of lead. It is estimated that over 80 percent of all housing built prior to 1978 contains some LBP. The mere presence of lead in paint may not constitute a material to be considered hazardous. In fact, if in good condition (no flaking or pealing), most intact LBP is not considered to be a hazardous material. In poor condition LBPs can create a potential health hazard for building occupants, especially children. Due to the age of the on-site structure (constructed between 2005 and 2009) located at APN 155-051-11 (Comerica

building), the presence of LBPs are unlikely. Therefore, it is the opinion of RBF that no REC has resulted at this location.

However, due to the age of the on-site wall structure (constructed between 1960 and 1968) located at APN 155-162-01 (20011 Lawson Lane), LBPs may be present. The on-site wall structure appeared to be in fair condition. Minor chipping was noted along the bottom of the wall. The area is paved with concrete to the north of the wall. It is the opinion of RBF that this minor chipping is a *de minimis* condition. Therefore, it is RBF's opinion that the on-site wall structure has not resulted in a REC on the subject site as a result of LBPs.

6.1.1.3 Traffic Striping Materials

LBPs were commonly used in yellow traffic striping materials before the discontinued use of lead chromate pigment in yellow traffic striping/marking materials and hot-melt thermoplastic stripe materials (discontinued in 1996 and 2004, respectively). RBF observed yellow traffic striping along Brookhurst Street during the March 5, 2013, site inspection.

As the on-site striping materials is currently contained, and no visible evidence to suggest the release of LBPs into the environment was observed, it is RBF's opinion that the likely presence of LBPs in traffic striping materials is not a REC at the time of this Phase I ESA.

6.1.1.4 Pole-Mounted Transformers

Many transformers contain Polychlorinated Biphenyls (PCBs). The use of PCBs was banned in 1977 and most production/use in 1979. Multiple power poles with twelve (12) associated pole-mounted transformers were observed within the boundaries of the subject site. No staining or leaking was observed in association with the transformers. Further, based on interviews with the City Engineer, he is not aware of any transformer explosions in the project vicinity. It is RBF's opinion that the potential presence of PCBs in on-site transformers has not resulted in an REC at the subject site, as the on-site transformers appeared to be in fair condition and no visible staining was noted.

6.1.2 Public Records

6.1.2.1 On-Site Properties

Available public records (provided by EDR) were reviewed by RBF on March 15, 2013. The lists that were reviewed identified five (5) regulatory properties that are associated with proposed ROW acquisition. The two (2) properties located at 20001 Brookhurst Street (Shell) and 9971 Adams Avenue (Chevron) have reported releases to groundwater and the cases remain open for remediation. The property located at 10001 Adams Avenue (Super-7) has also reported a release to groundwater. Therefore, it is anticipated that these properties have resulted in releases which have contaminated groundwater underlying the subject site. As

discussed in Section 2.6.3, *Groundwater and Water Wells*, the subject site includes groundwater within less than five feet of the surface, based on available RWQCB files reviewed. Therefore, the potential exists for project construction to encounter contaminated soil and groundwater, and it is RBF's opinion that the releases reported in association with the on-site addresses 20001 Brookhurst Street, 9971 Adams Avenue, and 10001 Adams Avenue (associated with ROW acquisition) have resulted in an REC at the subject site.

The remaining two (2) on-site properties have a low potential of affecting the subject site due to site status.

6.1.2.2 Off-Site Properties

The lists identified fifteen (15) off-site regulatory properties located within a one-mile radius of the subject site. Seven (7) of these off-site properties located at 10118 Adams Avenue (R Cleaners/Artistic Cleaners), 10109 Adams Avenue (Artistic Cleaners/Best Cleaners), 19885 Brookhurst Street (Rosie Cleaners), 10035 Adams Avenue (Best Cleaners), 9862 Adams Avenue (Oil Max 10 Minute Lube Wash), 20052 Brookhurst Street (Scher Tire Inc/Beach City Tire), and 19861 Ranger Lane (Clutter Cleaners) have the potential to impact groundwater underlying the subject site due to the type of use (i.e., drycleaner and automobile-related) and reported releases. However, it is RBF's opinion that since the drycleaners located at 10109 Adams Avenue, 10035 Adams Avenue, 19861 Ranger Lane, and 10118 Adams Avenue are located greater than 100 feet from the subject site and are either cross- or down-gradient, these properties have not resulted in an REC at the subject site. It is RBF's opinion that since the address 9862 Adams Avenue has not reported a release to groundwater and is cross-gradient, it has not resulted in an REC at the subject site. It is also RBF's opinion that the address 20052 Brookhurst Street has not resulted in an REC at the subject site since the property has reported a release to soil only, is located down-gradient, and is located off-site. However, it is the opinion of RBF that the address 19885 Brookhurst Street (Rosie Cleaners) has resulted in an REC at the subject site, as it is located within 100 feet of the subject site and cross-gradient.

The remaining eight (8) off-site properties have a low potential of affecting the subject site for the following reasons: distance from the subject site, direction of anticipated groundwater flow, and/or site status, or no contamination has been reported (refer to Appendix B, *EDR Database Search*).

6.1.2.3 Unmapped Properties

A REC on the subject site caused by one or more of the reported Unmapped Properties located within the vicinity of the subject site is considered to be low due to the distance from the subject site and/or the status of the identified sites. The potential for a REC to be present on the subject site as a result of Unmapped Properties is considered unlikely.

6.1.3 Historic Recognized Environmental Condition(s)

The two (2) RECs associated with 9971 Adams Avenue (Chevron) and 10001 Adams Avenue (Super-7) noted above under Section 6.1.2.1, *On-Site Properties*, are HRECs since both addresses have past reported LUSTs that were closed by regulatory agencies.

6.1.4 Historical Use(s) Information

As discussed under Section 6.1.2.1, *On-Site Properties*, three (3) former gas stations located at 20001 Brookhurst Street, 9971 Adams Avenue, and 10001 Adams Avenue are located in association with areas of ROW acquisition and have resulted in RECs at the subject site.

6.1.5 Other Potential Sources of Hazardous Materials

No other potential sources of hazardous materials have been noted within the boundaries of the subject site.

6.1.6 Data Gaps

A data gap is a lack of or inability to obtain information required by the ASTM E 1527-05 Standard Practice despite good faith efforts by the environmental professional to gather such information. Data gaps may result from incompleteness in any of the activities required by this practice, including but not limited to site reconnaissance and interviews. RBF did not receive a response from the HCA or HBFD prior to completion of this Phase I ESA. As this Phase I ESA has relied upon several other historical sources to adequately obtain the historical use summary of the subject site and surrounding uses, it is RBF's opinion that this is not a significant data gap.

6.2 CONCLUSIONS

RBF has performed a Phase I ESA in conformance with the scope and limitations of ASTM E 1527-05 Standard Practice of Brookhurst Street/Adams Avenue Intersection Improvements Project, in the City of Huntington Beach, County of Orange, California, the subject site. Any exceptions to, or deletions from, this practice are described in Section 1.0 of this report. This assessment has revealed no evidence of RECs in connection with the subject except for the following:

- Groundwater contamination associated with the on-site address 20001 Brookhurst Street (Shell).
- Groundwater contamination associated with the on-site address 9971 Adams Avenue (Chevron).
- Groundwater contamination associated with the on-site address 10001 Adams Avenue (Super-7).

- Groundwater contamination associated with the off-site address 19885 Brookhurst Street (Rosie Cleaners).

6.3 DEVIATIONS

No deviations occurred during the course of this Phase I ESA.

6.4 OTHER CEQA CONSIDERATIONS

The following findings and recommendations are included in order to address potential hazardous conditions at the subject site for the purposes of the California Environmental Quality Act (CEQA).

6.4.1 Lead-Based Paints

As previously discussed, due to the age of the on-site wall structure (constructed between 1960 and 1968) located at APN 155-162-01 (20011 Lawson Lane), LBPs may be present. Although it is RBF's opinion that the on-site wall structure has resulted in a *de minimis* condition and has not resulted in a REC on the subject site as a result of LBPs, the project would require the demolition of this structure. Thus, the following recommendation has been included.

- If paint is separated from building materials (chemically or physically) (including the existing on-site wall structure proposed to be relocated as part of the project) during demolition/relocation of the structure, the paint waste shall be evaluated independently from the building material by a qualified Environmental Professional. If lead-based paint is found, abatement shall be completed by a qualified Lead Specialist prior to any activities that would create lead dust or fume hazard. Lead-based paint removal and disposal shall be performed in accordance with California Code of Regulation Title 8, Section 1532.1, which specifies exposure limits, exposure monitoring and respiratory protection, and mandates good worker practices by workers exposed to lead. Contractors performing lead-based paint removal shall provide evidence of abatement activities to the City Project Engineer.

6.4.2 Traffic Striping Materials

As previously noted, RBF observed yellow traffic striping materials along Brookhurst Street during the March 5, 2013 site visit. Although RBF has determined that the on-site roadways containing traffic striping have not resulted in an REC at the subject site as a result of LBPs, the following recommendation has been included.

- Should construction activities result in the disturbance of traffic striping materials, the generated wastes should be disposed of at an appropriate, permitted disposal facility as determined by a lead specialist.

6.4.3 Pole-Mounted Transformers

As previously discussed, multiple power poles with twelve (12) associated pole-mounted transformers were observed within the boundaries of the subject site. Although RBF has determined that the on-site pole-mounted transformers have not resulted in an REC at the subject site, the following recommendation has been included.

- Any transformer to be relocated/removed during site construction/demolition should be conducted under the purview of the local purveyor to identify property-handling procedures regarding PCBs.

6.4.4 Potential Groundwater Contamination

As noted above, two (2) on-site properties located at 20001 Brookhurst Street (Shell), 9971 Adams Avenue (Chevron), 10001 Adams Avenue (Super-7), and one (1) off-site property located at 19885 Brookhurst Street (Rosie Cleaners) have resulted in RECs at the subject site. Therefore, the following recommendations have been included.

- A Phase II/site characterization Specialist should review associated files to determine whether or not the below properties, have contaminated soil and groundwater that underlies the subject site. If it is determined that contaminated soil/groundwater underlies the subject site, a Phase II/site characterization specialist should sample the subject site. Results of sampling (if necessary) would indicate the level of remediation efforts that may be required in consultation with current property owners and the HCA.

    - 20001 Brookhurst Street (Shell)
    - 9971 Adams Avenue (Chevron)
    - 10001 Adams Avenue (Super-7)
    - 19885 Brookhurst Street (Rosie Cleaners)

- If unknown wastes or suspect materials are discovered during construction by the contractor that are believed to involve hazardous waste or materials, the contractor shall comply with the following:

    - Immediately cease work in the vicinity of the suspected contaminant, and remove workers and the public from the area;
    - Notify the City Engineer of the City of Huntington Beach;
    - Secure the area as directed by the City Engineer; and
    - Notify the Orange County Health Care Agency's Hazardous Waste/Materials Coordinator. The Hazardous Waste/Materials Coordinator shall advise the responsible party of further actions that shall be taken, if required.

6.4.5 Methane Gas

As discussed in Section 4.3.2.5, *Other Historical Sources*, based on *The City of Huntington Beach General Plan*, the subject site is located within a designated Methane Overlay District (District 2). The main conduit for petrogenic methane is through abandoned oil wells. According to the online DOGGR mapping system, the subject site does not appear to be located in a sedimentary basin with oil, gas, or geothermal production, and no oil or gas wells were noted within the boundaries of the subject site. The following recommendation has been included due to the potential hazard to construction workers during proposed earthwork activities.

- The project should comply with all applicable requirements of the City of Huntington Beach Fire Department City Specification #429 (Methane Mitigation District Building Requirements) and Specification #431-92 (Soil Clean-Up Standard) regarding proposed grading activities.

Section 7 REFERENCES

Date	Approximate Scale	Source
1938	1′ = 500′	Laval
1947	1′ = 500′	Fairchild
1953	1′ = 500′	Pacific Air
1960	1′ = 500′	Fairchild
1968	1′ = 500′	Teledyne
1977	1′ = 500′	Teledyne
1990	1′ = 500′	USGS
1994	1′ = 500′	EDR
2005	1′ = 500′	EDR
2009	1′ = 500′	EDR

Note: 1938-2010 Historical Aerial Photographs provided by Environmental Data Resources, Inc., 3/20/13

American Society for Testing and Materials International, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*, Designation: E 1527 – 05

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Appendix A ASTM Terminology

TERMINOLOGY

The following definitions and descriptions of terms are from the ASTM E1527-05 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.

Abandoned property – *property* that can be presumed to be deserted, or an intent to relinquish possession or control can be inferred from the general disrepair or lack of activity thereon such that a reasonable person could believe that there was an intent on the part of the current *owner* to surrender rights to the property.

Activity and use limitations – legal or physical restrictions or limitations on the use of, or access to, a site or facility: (1) to reduce or eliminate potential exposure to *hazardous substances or petroleum products* in the soil or groundwater on the *property*, or (2) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment. These legal or physical restrictions, which may include institutional and/or *engineering controls*, are intended to prevent adverse impacts to individuals or populations that may be exposed to *hazardous substances* and *petroleum products* in the soil or groundwater on the *property*. [1]

Actual knowledge – the knowledge actually possessed by an individual who is a real person, rather than an entity. *Actual knowledge* is to be distinguished from constructive knowledge that is knowledge imputed to an individual or entity.

Adjoining properties – any real *property* or properties the border of which is contiguous or partially contiguous with that of the *property*, or that would be contiguous or partially contiguous with that of the *property* but for a street, road, or other public thoroughfare separating them.

Aerial photographs – photographs taken from an aerial platform with sufficient resolution to allow identification of development and activities of areas encompassing the *property*. *Aerial photographs* are often available from government agencies or private collections unique to a local area.

All appropriate inquiry – that inquiry constituting "*all appropriate inquiry* into the previous ownership and uses of the *property* consistent with good commercial or customary practice" as defined in CERCLA. 42 U.S.C. §9601(35)(B), that will qualify a party to a *commercial real estate transaction* for one of threshold criteria for satisfying the LLPs to CERCLA liability (42 U.S.C. §9601(35)(A) & (B), §9607(b)(3), §(9607(q); and §9607(r)), assuming compliance with other elements of the defense.

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[1] The term *AUL* is taken from the ASTM Standard Guide E2901 to include both legal (that is, institutional) and physical (that is, engineering) controls within its scope. Other agencies, organizations, and jurisdictions may define or utilize these terms differently (for example, EPA and California do not include physical controls within their definitions of *"institutional controls."* Department of Defense and International County/City Management Association use "Land Use Controls." The term "land use restrictions" is used but not defined in the *Brownfields Amendments*).

Approximate minimum search distance – the area for which records must be obtained and reviewed pursuant to Section 8 subject to the limitations provided in that section. This may include areas outside the *property* and shall be measured from the nearest *property* boundary. This term is used in lieu of radius to include irregularly shaped properties.

Bona fide prospective purchaser liability protection – (42 U.S.C. §9607(r) – a person may qualify as a bona fide prospective purchaser if, among other requirements, such person made "all appropriate inquiries into the previous ownership and uses of the facility in accordance with generally accepted good commercial and customary standards and practices." Knowledge of contamination resulting from all appropriate inquiry would not generally preclude this liability protection. A person must make all appropriate inquiry on or before the date of purchase. The facility must have been purchased after January 11, 2002.

Brownfields Amendments – amendments to CERCLA pursuant to the Small Business Liability Relief and Brownfields Revitalization Act, Pub. L. No. 107-118 (2002), 42 U.S.C. §§9601 *et. Seq.*

Building department records – those records of the local government in which the property is located indicating permission of the local government to construct, alter, or demolish improvements on the *property*. Often *building department records* are located in the building department of a municipality or county.

Business environmental risk – a risk which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of a parcel of *commercial real estate*, not necessarily limited to those environmental issues required to be investigated in this practice. Consideration of *business environmental risk* issues may involve addressing one or more non-scope considerations.[2]

Commercial real estate – any real *property* except a *dwelling* or *property* with no more than four *dwelling* units exclusively for residential use (except that a *dwelling* or *property* with no more than four *dwelling* units exclusively for residential use is included in this term when it has a commercial function, as in the building of such *dwellings* for profit). This term includes but is not limited to undeveloped real *property* and real *property* used for industrial, retail, office, agricultural, other commercial, medical, or educational purposes: *property* used for residential purposes that has more than four residential *dwelling* units; and *property* with no more than four *dwelling* units for residential use when it has a commercial function, as in the building of such *dwellings* for profit.

Commercial and real estate transaction – a transfer of title to or possession of real *property* or receipt of a security interest in real *property*, except that it does not include transfer of title to or possession of real *property* or the receipt of a security interest in real *property* or the receipt of a

[2] The ASTM E-1527-05 practice does not address whether requirements in addition to all appropriate inquiry have been met in order to qualify for the LLPs (including, but not limited to, continuing obligations).

security interest in real *property* with respect to an individual *dwelling* or building containing fewer that five *dwelling* units, nor does it include the purchase of a lot or lots to construct a *dwelling* for occupancy by a purchaser, but a *commercial real estate* transaction does include real *property* purchased or leased by persons or entities in the business of building or developing *dwelling* units.

Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) – the list of sites compiled by EPA that EPA has investigated or is currently investigating for potential *hazardous substance* contamination for possible inclusion on the *National Priorities List*.

Construction debris – concrete, brick, asphalt, and other such building materials discarded in the construction of a building or other improvement to *property*.

Contaminated public wells – public wells used for drinking water that have been designated by a government entity as contaminated by *hazardous substances* (for example, chlorinated *solvents*), or as having water unsafe to drink without treatment.

Contiguous property owner liability protection – (42 U.S.C. §9607(q) – a person may qualify for the *contiguous property owner liability protection* if, among other requirements, such person owns real *property* that is contiguous to, and that is or may be contaminated by *hazardous substances* from other real *property* that is not owned by that person. Furthermore, such person conducted *all appropriate inquiry* at the time of acquisition of the *property* and did not know or have reason to know that the *property* was or could be contaminated by a release or threatened release from the contiguous *property*. The *all appropriate inquiry* must not result in knowledge of contamination. If it does, then such person did "know" or "had reason to know" of contamination and would not be eligible for the *contiguous property owner liability protection*.

CORRACTS list – a list maintained by EPA of *hazardous waste* treatment, storage, or disposal facilities and other RCRA-regulated facilities (due to past interim status or storage of *hazardous waste* beyond 90 days) that have been notified by the U.S. Environmental Protection Agency to undertake corrective action under RCRA. The *CORRACTS list* is a subset of the EPA database that manages RCRA data.

Data failure – a failure to achieve the historical research objectives within ASTM E1527-05 Standard Practice even after reviewing the *standard historical sources* (noted in ASTM E1527-05 Standard Practice) that are *reasonably ascertainable* and likely to be useful. *Data failure* is one type of *data gap*.

Data gap – a lack of or inability to obtain information required by this practice despite *good faith* efforts by the *environmental professional* to gather such information. *Data gaps* may result from incompleteness in any of the activities required by this practice, including, but not limited to *site*

reconnaissance (for example, an inability to conduct the *site visit*), and *interviews* (for example, an inability to interview the *key site manager*, regulatory officials, etc.).

Demolition debris – concrete, brick, asphalt, and other such building materials discarded in the demolition of a building or other improvement to *property*.

Drum – a container (typically, but not necessarily holding 55 gal (208 L) of liquid) that may be used to store *hazardous substances* or *petroleum products*.

Dry wells – underground areas where soil has been removed and replaced with pea gravel, coarse sand, or large rocks. *Dry wells* are used for drainage, to control storm runoff, for the collection of spilled liquids (intentional and non-intentional) and *wastewater* disposal (often illegal).

Due diligence – the process of inquiring into the environmental characteristics of a parcel of commercial real estate or other conditions, usually in connection with a *commercial real estate* transaction. The degree and kind of *due diligence* vary for different properties and differing purposes.

Dwelling – structure or portion thereof used for residential habitation.

Engineering controls (EC) – physical modifications to a site or facility (for example, capping, slurry walls, or point of use water treatment) to reduce or eliminate the potential for exposure to *hazardous substances* or *petroleum products* in the soil or groundwater on the *property*. *Engineering controls* are a type of activity and use limitation (AUL).

Environmental compliance audit – the investigative process to determine if the operations of an existing facility are in compliance with applicable environmental laws and regulations. This term should not be used to describe this practice, although an *environmental compliance audit* may include an *environmental site assessment* or, if prior audits are available, may be part of an *environmental site assessment*.

Environmental lien – a charge, security, or encumbrance upon title to a *property* to secure the payment of a cost, damage, debt, obligation, or duty arising out of response actions, cleanup, or other remediation of *hazardous substances* or *petroleum products* upon a *property*, including (but not limited to) liens imposed pursuant to CERCLA 42 U.S.C. §§9607(1) & 9607(r) and similar state or local laws.

Environmental professional – a person meeting the education, training, and experience requirements as set forth in 40 CFR §312.10(b). The person may be an independent contractor or an employee of the *user*.

Environmental site assessment (ESA) – The process by which a person or entity seeks to determine if a particular parcel of real *property* (including improvements) is subject to *recognized environmental conditions.* At the option of the *user,* an *environmental site assessment* may include more inquiry than that constituting *all appropriate inquiry* or, if the *user* is not concerned about qualifying for the LLPs, less inquiry than that constituting *all appropriate inquiry*. An *environmental site assessment* is both different from and less rigorous than an *environmental compliance audit*.

ERNS list – Environmental Protection Agency's (EPA's) emergency response notification system list of reported CERCLA *hazardous substance* releases or spills in quantities greater than the reportable quantity, as maintained at the National Response center. Notification requirements for such releases or spills are codified in 40 CFR Parts 302 and 335.

Federal Register, (FR) – publication of the United States government published daily (except for Federal holidays and weekends) containing all proposed and final regulations and some other activities of the Federal government. When regulations become final, they are included in the Code of Federal Regulations (CFR), as well as published in the *Federal Register*.

Fill dirt – dirt, soil, sand, or other earth, that is obtained off-site, that is used to fill holes or depressions, create mounds, or otherwise artificially change the grade or elevation or real *property.* It does not include material that is used in limited quantities for normal landscaping activities.

Fire insurance maps – maps produced for private fire insurance map companies that indicate uses of properties at specified dates and that encompass the *property*. These maps are often available at local libraries, historical societies, private resellers, or from the map companies who produced them.

Good faith – the absence of any intention to seek an unfair advantage or to defraud another party; an honest and sincere intention to fulfill one's obligations in the conduct or transaction concerned.

Hazardous substance – a substance defined as a *hazardous substance* pursuant to CERCLA 42 U.S.C. §9601(14), as interpreted by EPA regulations and the courts: "(A) any substance designated pursuant to section 1321(b)(2)(A) of Title 33, (B) any element, compound, mixture, solution, or substance designated pursuant to section 902 of this title, (C) any *hazardous waste* having the characteristics identified under or listed pursuant to section 3001 of the Resource Conservation and Recovery Act of 1976 (RCRA), as amended, (42 U.S.C. §6921) (but not including any waste the regulation of which under RCRA (42 U.S.C. §§6901 et seq.) has been suspended by Act of Congress, (D) any toxic pollutant listed under section 1317(a) of Title 33, (E) any hazardous air pollutant listed under section 112 of the Clean Air Act (42 U.S.C. §7412), and (F) any imminently hazardous chemical substance or mixture with respect to which the Administrator (of EPA) has taken action pursuant to section 2606 of Title 15. The term does not include petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a *hazardous substance* under subparagraphs (A) through (F) of this paragraph, and the term does not include natural gas,

natural gas liquids, liquefied natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas)."

Hazardous waste – any *hazardous waste* having the characteristics identified under or listed pursuant to section 3001 of RCRA, as amended, (42 U.S.C. §6921) (but not including any waste the regulation of which under RCRA (42 U.S.C. §§6901-6992(k) has been suspended by Act of Congress). RCRA is sometimes also identified as the Solid Waste Disposal Act. RCRA defines a *hazardous waste*, at 42 U.S.C. §6903, as: "a solid waste, or combination of solid wastes, which because of its quantity, concentration, or physical, chemical, or infectious characteristics may – (A) cause, or significantly contribute to an increase in mortality or an increase in serious irreversible, or incapacitating reversible, illness; or (B) pose a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported, or disposed of, or otherwise managed."

Hazardous waste/contaminated sites – sites on which a release has occurred, or is suspected to have occurred, of any *hazardous substance, hazardous waste, or petroleum products*, and that release or suspected release has been reported to a government entity.

Historical recognized environmental condition – an environmental condition which in the past would have been considered a *recognized environmental condition*, but which may or may not be considered a *recognized environmental condition* currently. The final decision rests with the *environmental professional* and will be influenced by the current impact of the *historical recognized environmental condition* on the *property*. If a past release of any *hazardous substances* or *petroleum products* has occurred in connection with the *property* and has been remediated, with such remediation accepted by the responsible regulatory agency (for example, as evidenced by the issuance of a no further action letter or equivalent), this condition shall be considered an *historical recognized environmental condition* and included in the findings section of the *Phase I Environmental Site Assessment* report. The *environmental professional* shall provide an opinion of the current impact on the *property* of this *historical recognized environmental condition* in the opinion section of the *report*. If this *historical recognized environmental condition* is determined to be a *recognized environmental condition* at the time the *Phase I Environmental Site Assessment* is conducted, the condition shall be identified as such and listed in the conclusions section of the *report*.

IC/EC registries – databases of *institutional controls or engineering controls* that may be maintained by a Federal, State or local environmental agency for purposes of tracking sites that may contain residual contamination and AULs. The names for these may vary from program to program and state to state, and include terms such as Declaration of Environmental Use Restriction database (Arizona), list of "deed restrictions" (California), environmental real covenants list (Colorado), brownfields site list (Indiana, Missouri, Pennsylvania).

Innocent landowner defense – (42 U.S.C. §§9601(35) and 9607(b)(3)) – a person may qualify as one of three types of innocent landowners: (i) a person who "did not know and had no reason to

know" that contamination existed on the *property* at the time the purchaser acquired the *property;* (ii) a government entity which acquired the *property* by escheat, or through any other involuntary transfer or acquisition, or through the exercise of eminent domain authority by purchase or condemnation; and (iii) a person who "acquired the facility by inheritance or bequest." To qualify for the first type of innocent landowner LLP, such person must have made *all appropriate inquiry*, among other requirements, on or before the date of purchase. Furthermore, the *all appropriate inquiry* must not have resulted in knowledge of the contamination. If it does, then such person did "know" or "had reason to know" of contamination and would not be eligible for the *innocent landowner defense*.

Institutional controls (IC) – a legal or administrative restriction (for example, "deed restrictions," restrictive covenants, easements, or zoning) on the use of, or access to, a site or facility to (1) reduce or eliminate potential exposure to *hazardous substances* or *petroleum products* in the soil or groundwater on the *property*, or (2) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment. An institutional control is a type of Activity and Use Limitation (AUL).

Interviews – those portions of ASTM E15-27-05 Standard Practice that are contained in Section 10 and 11 thereof and address questions to be asked of past and present *owners*, *operators*, and *occupants* of the *property* and questions to be asked of local government officials.

Key site manager – the person identified by the *owner* or *operator* of a *property* as having good knowledge of the uses and physical characteristics of the *property*.

Landfill – a place, location, tract of land, area, or premises used for the disposal of solid wastes as defined by state solid waste regulations. The term is synonymous with the term *solid waste disposal site* and is also known as a garbage dump, trash dump, or similar term.

Landowner Liability Protections (LLPs) – *landowner liability protections* under CERCLA*;* these protections include the *bona fide prospective purchaser liability protection*, *contiguous property owner liability protection*, and *innocent landowner defense* from CERCLA liability. See 42 U.S.C. §§9601(35)(A), 9601(40), 9607(b), 9607(q), 9607(r).

Local government agencies – those agencies of municipal or county government having jurisdiction over the *property*. Municipal and county government agencies include but are not limited to cities, parishes, townships, and similar entities.

Local street directories – directories published by private (or sometimes government) sources that show ownership, occupancy, and/or use of sites by reference to street addresses. Often local *street directories* are available at libraries, or historical societies, and/or local municipal offices.

LUST sites – state lists of leaking *underground storage tank* sites. RCRA gives EPA and states, under cooperative agreements with EPA, authority to clean up releases from UST systems or require *owners* and *operators* to do so. (42 U.S.C. §6991b).

Major occupants – those tenants, subtenants, or other persons or entities each of which uses at least 40% of the leasable area of the *property* or any anchor tenant when the *property* is a shopping center.

Material safety data sheet (MSDS) – written or printed material concerning a *hazardous substance* which is prepared by chemical manufacturers, importers, and employers for hazardous chemicals pursuant to OSHA's Hazard Communication Standard, 29 C.F.R. §1910.1200.

Material threat – A physically observable or *obvious* threat which is reasonably likely to lead to a release that, in the opinion of the *environmental professional*, is threatening and might result in impact to public health or the environment. An example might include an aboveground storage tank system that contains a *hazardous substance* and which shows evidence of damage. The damage would represent a *material threat* if it is deemed serious enough that it may cause or contribute to tank integrity failure with release of contents to the environment.

National Contingency Plan (NCP) – the National Oil and Hazardous Substances Pollution Contingency Plan, found at 40 C.F.R. Part 300, that is the EPA's blueprint on how *hazardous substances* are to be cleaned up pursuant to CERCLA.

National Priorities List (NPL) – list compiled by EPA pursuant to CERCLA 42 U.S.C. §9605(a)(8)(B) of properties with the highest priority for cleanup pursuant to EPA's Hazard Ranking System.

Obvious – that which is plain or evident; a condition or fact that could not be ignored or overlooked by a reasonable observer while visually or physically observing the *property*.

Occupants – those tenants, subtenants, or other persons or entities using the *property* or a portion of the *property*.

Operator – the person responsible for the overall operation of a facility.

Other historical sources – any source or sources (other than those designated in ASTM E1527-05 Standard Practice, Sections 8.3.4.1 through 8.3.4.8) that are credible to a reasonable person and that identify past uses of the *property*. The term includes, but is not limited to: miscellaneous maps, newspaper archives, internet sites, community organizations, local libraries, historical societies, current *owners* or *occupants* of neighboring properties, and records in the files and/or personal knowledge of the *property owner* and/or *occupants*.

Owner – generally the fee *owner* of record of the *property*.

Petroleum exclusion – the exclusion from CERCLA liability provided in 42 U.S.C. §9601(14), as interpreted by the courts and EPA: "The term *(hazardous substance)* does not include petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a *hazardous substance* under subparagraphs (A) through (F) of this paragraph, and the term does not include natural gas, natural gas liquids, liquefied natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas)."

Petroleum products – those substances included within the meaning of the *petroleum exclusion* to CERCLA, 42 U.S.C. §9601(14), as interpreted by the courts and EPA, that is: petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a *hazardous substance* under Subparagraphs (A) through (F) of 42 U.S.C. §9601(14), natural gas, natural gas liquids, liquefied natural gas, and synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas). (The word fraction refers to certain distillates of crude oil, including gasoline, kerosene, diesel oil, jet fuels, and fuel oil, pursuant to Standard Definitions of Petroleum Statistics.[3])

Phase I Environmental Site Assessment – the process described in the ASTM E1527-05 Standard Practice.

Physical setting sources – sources that provide information about the geologic, hydrogeologic, hydrologic, or topographic characteristics of a *property*.

Pits, ponds, or lagoons – man-made or natural depressions in a ground surface that are likely to hold liquids or sludge containing *hazardous substances* or *petroleum products*. The likelihood of such liquids or sludge being present is determined by evidence of factors associated with the pit, pond, or lagoon, including, but not limited to, discolored water, distressed vegetation, or the presence of an *obvious wastewater* discharge.

Practically reviewable – information that is *practically reviewable* means that the information is provided by the source in a manner and in a form that, upon examination, yields information relevant to the *property* without the need for extraordinary analysis of irrelevant data. The form of the information shall be such that the *user* can review the records for a limited geographic area. Records that cannot be feasibly retrieved by reference to the location of the *property* or a geographic area in which the *property* is located are not generally *practically reviewable*. Most databases of public records are *practically reviewable* if they can be obtained from the source agency by the county, city, zip code, or other geographic area of the facilities listed in the record system. Records that are sorted, filed, organized, or maintained by the source agency only chronologically are not generally

[3] Standard Definitions of Petroleum Statistics, American Petroleum Institute, Fourth Edition, 1988

practically reviewable. Listings in *publicly available* records which do not have adequate address information to be located geographically are not generally considered *practically reviewable* unless they can be obtained from the source agency in the smaller geographic area of zip codes. Even when information is provided by zip code for some large databases, it is common for an unmanageable number of sites to be identified within a given zip code. In these cases, it is not necessary to review the impact of all of the sites that are likely to be listed in any given zip code because that information would not be *practically reviewable*. In other words, when so much data is generated that it cannot be feasibly reviewed for its impact on the *property*, it is not *practically reviewable*.

Property – the real *property* that is the subject of the *environmental site assessment* described in the ASTM E1527-05 Standard Practice. Real *property* includes buildings and other fixtures and improvements located on the *property* and affixed to the land.

Property tax files – the files kept for *property* tax purposes by the local jurisdiction where the *property* is located and may include records of past ownership, appraisals, maps, sketches, photos, or other information that *is reasonably ascertainable* and pertaining to the *property*.

Publicly available – information that is *publicly available* means that the source of the information allows access to the information by anyone upon request.

RCRA generators – those persons or entities that generate *hazardous wastes*, as defined and regulated by RCRA.

RCRA generators list – list kept by EPA of those persons or entities that generate *hazardous wastes* as defined and regulated by RCRA.

RCRA TSD facilities – those facilities on which treatment, storage, and/or disposal of *hazardous wastes* takes place, as defined and regulated by RCRA.

RCRA TSD facilities list – list kept by EPA of those facilities on which treatment, storage, and/or disposal of *hazardous wastes* takes place, as defined and regulated by RCRA.

Reasonably ascertainable – information that is (1) *publicly available*, (2) obtainable from is source with reasonable time and cost constraints, and (3) *practically reviewable*.

Recognized environmental conditions – the presence or likely presence of any *hazardous substance 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* into structures on the *property* or into the ground, groundwater, or surface water of the *property*. The term includes *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 threat to human

health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be de minimis are not *recognized environmental conditions.*

Recorded land title records – records of historical fee ownership, which may include leases, land contracts, and AULs on or of the *property* recorded in the place where land title records are, by law or custom, recorded for the local jurisdiction in which the *property* is located. (Often such records are kept by a municipal or county recorder or clerk.) Such records may be obtained from title companies or directly from the local government agency. Information about the title to the *property* that is recorded in a U.S. district court or any place other than where land title records are, by law or custom, recorded for the local jurisdiction in which the *property* is located, are not considered part of *recorded land title records*.

Records of emergency release notifications EPCRA – (42 U.S.C. §11004) – requires operators of facilities to notify their local emergency planning committee (as defined in EPCRA) and state emergency response commission (as defined in EPCRA) and state emergency response commission (as defined in EPCRA) of any release beyond the facility's boundary of any reportable quantity of any extremely *hazardous substance*. Often the local fire department is the local emergency planning committee. Records of such notifications are "Records of Emergency Release Notifications" (42 U.S.C. 11004).

Records review – that part that is contained in Section 8 of the ASTM E1527-05 Standard Practice addresses which records shall or may be reviewed.

Report – the written *report* prepared by the *environmental professional* and constituting part of a *"Phase I Environmental Site Assessment*," as required by the ASTM E1527-05 Standard Practice.

Site reconnaissance – that part that is contained in Section 9 of the ASTM E1527-05 Standard Practice and addresses what should be done in connection with the *site visit*. The *site reconnaissance* includes, but is not limited to, the *site visit* done in connection with such a *Phase I Environmental Site Assessment*.

Site visit – the visit to the *property* during which observations are made constituting the *site reconnaissance* section of the ASTM E1527-05 Standard Practice.

Solid waste disposal site – a place, location, tract of land, area, or premises used for the disposal of solid wastes as defined by state solid waste regulations. The term is synonymous with the term *landfill* and is also known as a garbage dump, trash dump, or similar term.

Solvent – a chemical compound that is capable of dissolving another substance and may itself be a *hazardous substance*, used in a number of manufacturing/industrial processes including but not

limited to the manufacture of paints and coatings for industrial and household purpose, equipment clean-up, and surface degreasing in metal fabricating industries.

Standard environmental record sources – those records specified in Section 8.2.1 of the ASTM E1527-05 Standard Practice.

Standard historical sources – those sources of information about the history of uses of property specified in Section 8.3.4 of the ASTM E1527-05 Standard Practice.

Standard physical setting source – a current (*USGS 7.5 Minute Topographic Map* (if any) showing the area on which the *property* is located.

Standard practice – the activities set forth in the ASTM E1527-05 Standard Practice.

Standard sources – sources of environmental, physical setting, or historical records specified in section 8 of the ASTM E1527-05 Standard Practice.

State registered USTs – state lists of *underground storage tanks* required to be registered under Subtitle I, Section 9002 of RCRA.

Sump – a pit, cistern, cesspool, or similar receptacle where liquids drain, collect, or are stored.

TSD facility – treatment, storage, or disposal facility (see *RCRA TSD facilities*).

Underground injection – the emplacement or discharge of fluids into the subsurface by means of a well, improved sinkhole, sewage drain hole, subsurface fluid distribution system or other system, or groundwater point source.

Underground storage tank (UST) – any tank, including underground piping connected to the tank, that is or has been used to contain *hazardous substances* or *petroleum products* and the volume of which is 10% or more beneath the surface of the ground.

User – the party seeking to use Practice E 1527 to complete and *environmental site assessment* of the *property*. A *user* may include, without limitation, a potential purchaser of *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 ASTM E1527-05 Standard Practice as outlined in Section 6 of the practice.

USGS 7.5 Minute Topographic Map – the map (if any) available from or produced by the United States Geological Survey entitled "*USGS 7.5 Minute Topographic Map,"* and showing the *property*.

Visually and/or physically observed – during a *site visit* pursuant to the ASTM E1527-05 Standard Practice, this term means observations made by vision while walking through a *property* and the structures located on it and observations made by the sense of smell, particularly observations of noxious or foul odors. The term "walking through" is not meant to imply that disabled persons who cannot physically walk may not conduct a *site visit;* they may do so by the means at their disposal for moving through the *property* and the structures located on it.

Wastewater – water that (1) is or has been used in an industrial or manufacturing process, (2) conveys or has convey sewage, or (3) is directly related to manufacturing, processing, or raw materials storage areas at an industrial plant. *Wastewater* does not include water originating on or passing through or adjacent to a site, such as stormwater flows, that has not been used in industrial or manufacturing processes, has not been combined with sewage, or is not directly related to manufacturing, processing, or raw materials storage areas at an industrial plant.

Zoning/land use records – those records of the local government in which the property is located indicating the uses permitted by the local government in particular zones within its jurisdiction. The records may consist of maps and/or written records. They are often located in the planning department of a municipality or county.

Appendix B EDR Database Search

Brookhurst Street/Adams Avenue Interchange
Brookhurst Street/Adams Avenue Interchange
Huntington Beach, CA 92646

Inquiry Number: 3546203.2s
March 15, 2013

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

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

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This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

BROOKHURST STREET/ADAMS AVENUE INTERCHANGE
HUNTINGTON BEACH, CA 92646

COORDINATES

Latitude (North):	33.6724000 - 33˚ 40' 20.64''
Longitude (West):	117.9539000 - 117˚ 57' 14.04''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	411569.1
UTM Y (Meters):	3726048.0
Elevation:	13 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

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

AERIAL PHOTOGRAPHY IN THIS REPORT

Photo Year:	2010
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

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

Federal CERCLIS NFRAP site List

CERC-NFRAP ..... CERCLIS No Further Remedial Action Planned

Federal RCRA CORRACTS facilities list

CORRACTS ..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

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

Federal RCRA generators list

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

Federal institutional controls / engineering controls registries

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

Federal ERNS list

ERNS ..... Emergency Response Notification System

State- and tribal - equivalent NPL

RESPONSE ..... State Response Sites

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

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

State and tribal leaking storage tank lists

SLIC ..... Statewide SLIC Cases
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
VCP ..... Voluntary Cleanup Program Properties

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9 ..... Torres Martinez Reservation Illegal Dump Site Locations
ODI ..... Open Dump Inventory
WMUDS/SWAT ..... Waste Management Unit Database
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
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
DEED ..... Deed Restriction Listing

Records of Emergency Release Reports

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

Other Ascertainable Records

DOT OPS ..... Incident and Accident Data
DOD ..... Department of Defense Sites
FUDS ..... Formerly Used Defense Sites
CONSENT ..... Superfund (CERCLA) Consent Decrees
ROD ..... Records Of Decision
UMTRA ..... Uranium Mill Tailings Sites
US MINES ..... Mines Master Index File

EXECUTIVE SUMMARY

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
Cortese	"Cortese" Hazardous Waste & Substances Sites List
CUPA Listings	CUPA Resources List
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
MWMP	Medical Waste Management Program Listing
COAL ASH DOE	Steam-Electric Plant Operation Data
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
HWT	Registered Hazardous Waste Transporter Database
HWP	EnviroStor Permitted Facilities Listing
Financial Assurance	Financial Assurance Information Listing
PROC	Certified Processors Database
PCB TRANSFORMER	PCB Transformer Registration Database
US FIN ASSUR	Financial Assurance Information
EPA WATCH LIST	EPA WATCH LIST
US AIRS	Aerometric Information Retrieval System Facility Subsystem
WDS	Waste Discharge System
PRP	Potentially Responsible Parties
2020 COR ACTION	2020 Corrective Action Program 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.

EXECUTIVE SUMMARY

STANDARD ENVIRONMENTAL RECORDS

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 02/12/2013 has revealed that there are 2 RCRA-LQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TARGET #2051	9882 ADAMS AVE	0 - 1/8 (0.000 mi.)	D6	20
CVS PHARMACY NO 9483	10011 ADAMS AVE	0 - 1/8 (0.000 mi.)	B20	47

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 02/12/2013 has revealed that there are 5 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
R CLEANERS	***10118 ADAMS AVE***	***0 - 1/8 (0.000 mi.)***	***C5***	***16***
TARGET STORE NO 2051	9882 ADAMS AVE	0 - 1/8 (0.000 mi.)	D7	24
SHELL SERVICE STATION	***20001 BROOKHURST***	***0 - 1/8 (0.000 mi.)***	***B8***	***26***
ARTISTIC CLEANERS	***10109 ADAMS***	***0 - 1/8 (0.000 mi.)***	***A11***	***36***
ROSIE CLEANERS	***19885 BROOKHURST***	***0 - 1/8 (0.000 mi.)***	***15***	***39***

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 12/05/2012 has revealed that there are 2 ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BEST CLEANERS	***10109 ADAMS AVE***	***0 - 1/8 (0.000 mi.)***	***A17***	***43***
Status: Refer: 1248 Local Agency				
BEACH CITY TIRE INC.	***20052 BROOKHURST ST***	***0 - 1/8 (0.000 mi.)***	***B26***	***54***
Status: Refer: 1248 Local Agency				

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 12/17/2012 has revealed that there are 4 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CHEVRON #9-8721	***9971 ADAMS***	***0 - 1/8 (0.000 mi.)***	***B4***	***9***
Status: Open - Remediation				
Status: Completed - Case Closed				
SHELL SERVICE STATION	***20001 BROOKHURST***	***0 - 1/8 (0.000 mi.)***	***B8***	***26***
Status: Open - Assessment & Interim Remedial Action				
SOUTHLAND CORPORATION	***10001 ADAMS AVE***	***0 - 1/8 (0.000 mi.)***	***B16***	***40***
Status: Completed - Case Closed				

Lower Elevation	Address	Direction / Distance	Map ID	Page
BUSHARD FIRE STATION	***19711 BUSHARD ST***	***WNW 1/4 - 1/2 (0.371 mi.)***	***32***	***57***
Status: Completed - Case Closed				

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 12/17/2012 has revealed that there are 4 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SHELL (3594-2105)	20001 BROOKHURST ST	0 - 1/8 (0.000 mi.)	B2	8
SUPER - 7 #18841	10001 ADAMS AVE	0 - 1/8 (0.000 mi.)	B13	38
SCHER TIRE #5	***20052 BROOKHURST ST***	***0 - 1/8 (0.000 mi.)***	***B25***	***53***
OIL MAX INC	9862 ADAMS AVE	0 - 1/8 (0.000 mi.)	D27	56

ADDITIONAL ENVIRONMENTAL RECORDS

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

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SHELL SERVICE STATION	***20001 BROOKHURST***	***0 - 1/8 (0.000 mi.)***	***B8***	***26***
SCHER TIRE INC	***20052 BROOKHURST ST***	***0 - 1/8 (0.000 mi.)***	***B24***	***50***
OIL MAX	***9862 ADAMS***	***0 - 1/8 (0.000 mi.)***	***D28***	***56***

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 3 HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DONALD C. CLINE	20001 BROOKHURST ST	0 - 1/8 (0.000 mi.)	B10	35
SUPER-7 #18841	10001 ADAMS AVE	0 - 1/8 (0.000 mi.)	B12	38
BEACH CITY TIRE INC.	***20052 BROOKHURST ST***	***0 - 1/8 (0.000 mi.)***	***B26***	***54***

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

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

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SHELL (3594-2105)	20001 BROOKHURST ST	0 - 1/8 (0.000 mi.)	B9	33
SCHER TIRE #5	***20052 BROOKHURST ST***	***0 - 1/8 (0.000 mi.)***	***B25***	***53***
OIL MAX	***9862 ADAMS***	***0 - 1/8 (0.000 mi.)***	***D28***	***56***

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 02/12/2013 has revealed that

there is 1 RCRA NonGen / NLR site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SCHER TIRE INC	***20052 BROOKHURST ST***	***0 - 1/8 (0.000 mi.)***	***B24***	***50***

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 is 1 HIST CORTESE site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SOUTHLAND CORPORATION	***10001 ADAMS AVE***	***0 - 1/8 (0.000 mi.)***	***B16***	***40***

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

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

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SUPER 7 GASOLINE UNIT # 18891	10001 ADAMS AVENUE	0 - 1/8 (0.000 mi.)	B14	39

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 12/11/2012 has revealed that there are 3 DRYCLEANERS sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
R CLEANERS	***10118 ADAMS AVE***	***0 - 1/8 (0.000 mi.)***	***C5***	***16***
BEST CLEANERS	***10109 ADAMS AVE***	***0 - 1/8 (0.000 mi.)***	***A17***	***43***
BEST CLEANERS DBA HWA-YOUNG CH	***10035 ADAMS AVE STE 115***	***0 - 1/8 (0.000 mi.)***	***B19***	***46***

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

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported	10072 ADAMS AVE	0 - 1/8 (0.000 mi.)	A1	8
Not reported	20001 BROOKHURST ST	0 - 1/8 (0.000 mi.)	B22	49
Not reported	9862 ADAMS AVE	0 - 1/8 (0.000 mi.)	D23	49

Lower Elevation	Address	Direction / Distance	Map ID	Page
Not reported	20272 MORRISTOWN CIR	SSW 1/8 - 1/4 (0.150 mi.)	30	57
Not reported	9684 BICKLEY DR	WNW 1/8 - 1/4 (0.236 mi.)	31	57

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

A review of the EDR US Hist Cleaners list, as provided by EDR, has revealed that there are 4 EDR US Hist Cleaners sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported	10118 ADAMS AVE	0 - 1/8 (0.000 mi.)	C3	8
Not reported	10109 ADAMS AVE	0 - 1/8 (0.000 mi.)	A18	45
Not reported	10035 ADAMS AVE	0 - 1/8 (0.000 mi.)	B21	49

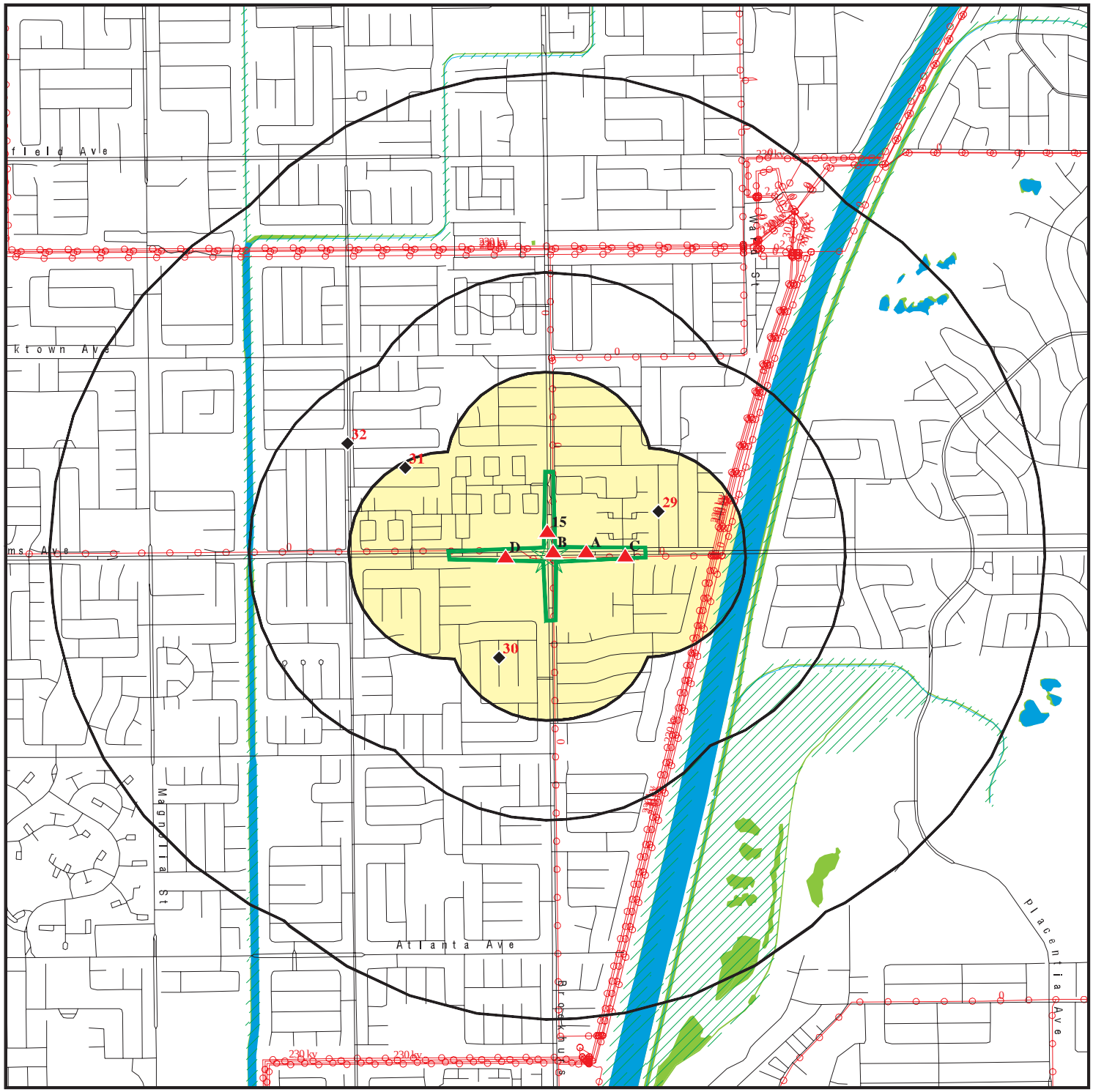
Lower Elevation	Address	Direction / Distance	Map ID	Page
Not reported	19861 RANGER LN	ENE 0 - 1/8 (0.096 mi.)	29	57

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 8 records.

Site Name	Database(s)
KRIK WELL #80	CERCLIS, PRP
LANDFILL,CANNERY STREET	LDS
MSI DATA CORP	CERC-NFRAP, RCRA-SQG
CANNERY STREET D	WMUDS/SWAT
4281 WARNER AVENUE	ERNS
NEWPORT AVENUE STATION #1	FINDS
TAYLOR STREET STATION #4	FINDS
GOTHARD STREET CLOSED LANDFILL	ODI

OVERVIEW MAP - 3546203.2s



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

0 1/4 1/2 1 Miles

Indian Reservations BIA

Power transmission lines

Oil & Gas pipelines from USGS

100-year flood zone

500-year flood zone

National Wetland Inventory

Areas of Concern

N

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:	Brookhurst Street/Adams Avenue Interchange	CLIENT:	RBF Consulting
ADDRESS:	Brookhurst Street/Adams Avenue Interchange Huntington Beach CA 92646	CONTACT:	Kristen Bogue
		INQUIRY #:	3546203.2s
LAT/LONG:	33.6724 / 117.9539	DATE:	March 15, 2013 7:42 pm

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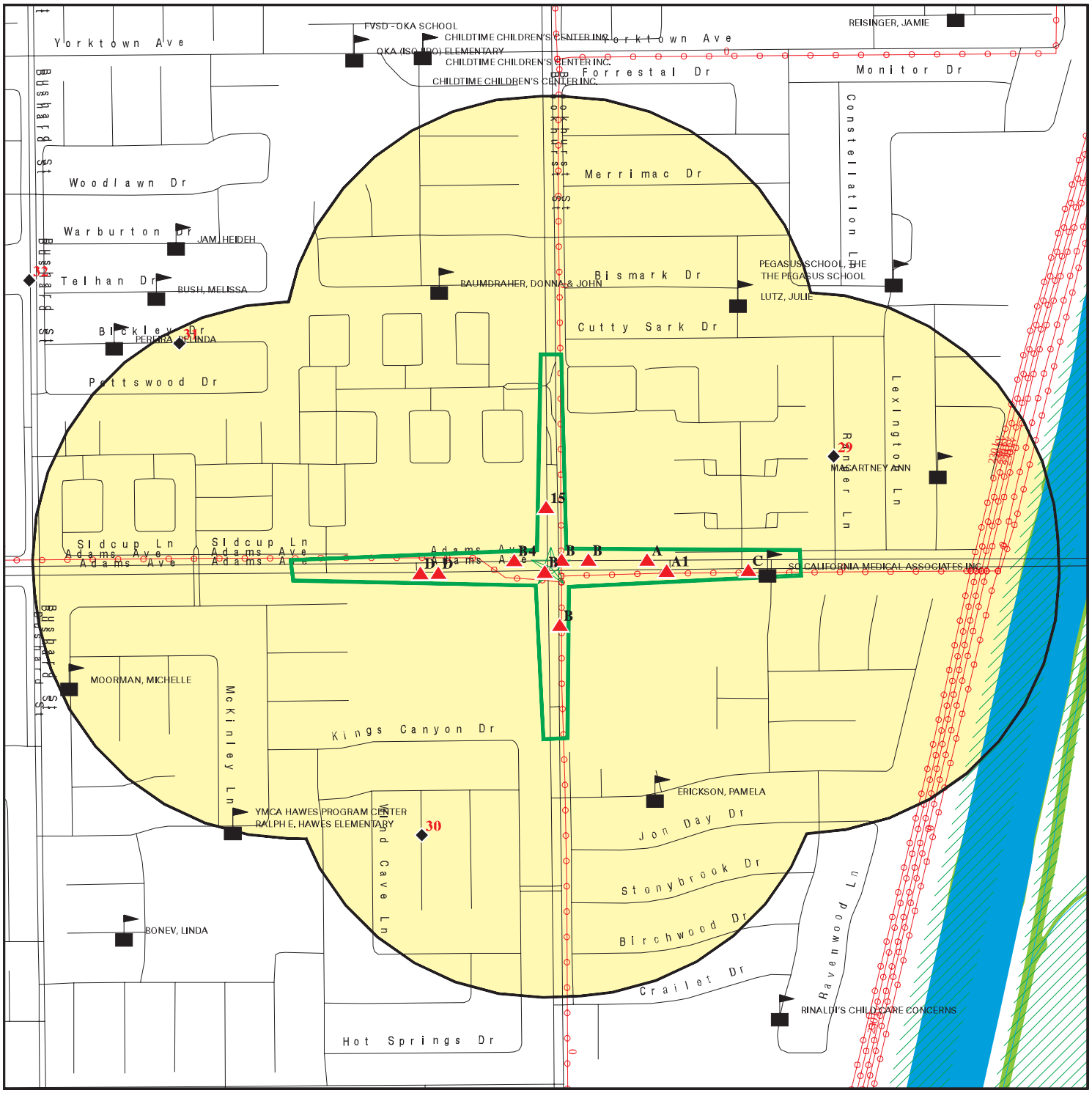
DETAIL MAP - 3546203.2s



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 1/8 1/4 1/2 Miles

Indian Reservations BIA

Power transmission lines

Oil & Gas pipelines from USGS

100-year flood zone

500-year flood zone

National Wetland Inventory

Areas of Concern

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

SITE NAME: Brookhurst Street/Adams Avenue Interchange	CLIENT: RBF Consulting
ADDRESS: Brookhurst Street/Adams Avenue Interchange Huntington Beach CA 92646	CONTACT: Kristen Bogue INQUIRY #: 3546203.2s
LAT/LONG: 33.6724 / 117.9539	DATE: March 15, 2013 7:43 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	0	0	NR	NR	0
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site List								
CERC-NFRAP	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		2	0	NR	NR	NR	2
RCRA-SQG	0.250		5	0	NR	NR	NR	5
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	0	0	NR	0
State- and tribal - equivalent CERCLIS								
ENVIROSTOR	1.000		2	0	0	0	NR	2
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LUST	0.500		3	0	1	NR	NR	4

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		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
UST	0.250		4	0	NR	NR	NR	4
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	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
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		3	0	NR	NR	NR	3
HIST UST	0.250		3	0	NR	NR	NR	3
SWEEPS UST	0.250		3	0	NR	NR	NR	3
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	0	NR	NR	0
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
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		1	0	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	0	NR	0
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	0	NR	NR	0
HIST CORTESE	0.500		1	0	0	NR	NR	1
CUPA Listings	0.250		0	0	NR	NR	NR	0
Notify 65	1.000		1	0	0	0	NR	1
DRYCLEANERS	0.250		3	0	NR	NR	NR	3
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
MWMP	0.250		0	0	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
HWT	0.250		0	0	NR	NR	NR	0
HWP	1.000		0	0	0	0	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
PRP	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
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR US Hist Auto Stat	0.250		3	2	NR	NR	NR	5
EDR US Hist Cleaners	0.250		4	0	NR	NR	NR	4

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 **EDR US Hist Auto Stat** **1015123346**
N/A

10072 ADAMS AVE
HUNTINGTON BEACH, CA 92646

< 1/8
1 ft.

Site 1 of 4 in cluster A

Relative:
Higher

Actual:
14 ft.

EDR Historical Auto Stations:

Name:	KRAGEN AUTO PARTS
Year:	2003
Address:	10072 ADAMS AVE

B2 **SHELL (3594-2105)** **UST** **U003721240**
N/A

20001 BROOKHURST ST
HUNTINGTON BEACH, CA 92646

< 1/8
1 ft.

Site 1 of 16 in cluster B

Relative:
Higher

Actual:
13 ft.

UST:

Facility ID:	2138
Latitude:	33.67207
Longitude:	-117.95397

C3 **EDR US Hist Cleaners** **1014968158**
N/A

10118 ADAMS AVE
HUNTINGTON BEACH, CA 92646

< 1/8
1 ft.

Site 1 of 2 in cluster C

Relative:
Higher

Actual:
13 ft.

EDR Historical Cleaners:

Name:	R CLEANERS
Year:	2001
Address:	10118 ADAMS AVE
Name:	ARTISTIC CLEANERS
Year:	2002
Address:	10118 ADAMS AVE
Name:	R CLEANERS
Year:	2003
Address:	10118 ADAMS AVE
Name:	R CLEANERS
Year:	2004
Address:	10118 ADAMS AVE
Name:	R CLEANERS
Year:	2005
Address:	10118 ADAMS AVE
Name:	R CLEANERS
Year:	2006
Address:	10118 ADAMS AVE
Name:	R CLEANERS
Year:	2007
Address:	10118 ADAMS AVE
Name:	R CLEANERS

(Continued) **1014968158**

Year: 2008
Address: 10118 ADAMS AVE

Name: R CLEANERS
Year: 2010
Address: 10118 ADAMS AVE

Name: R CLEANERS
Year: 2011
Address: 10118 ADAMS AVE

Name: R CLEANERS
Year: 2012
Address: 10118 ADAMS AVE

B4 **CHEVRON #9-8721** **LUST** **S105774377**
9971 ADAMS **CHMIRS** **N/A**
< 1/8 **HUNTINGTON BEACH, CA 92646**
1 ft.

Site 2 of 16 in cluster B

Relative:
Higher

Actual:
13 ft.

LUST:

Region:	STATE
Global Id:	T0605900904
Latitude:	33.6726220895665
Longitude:	-117.954325675964
Case Type:	LUST Cleanup Site
Status:	Open - Remediation
Status Date:	08/19/2002
Lead Agency:	ORANGE COUNTY LOP
Case Worker:	TE
Local Agency:	ORANGE COUNTY LOP
RB Case Number:	083001145T
LOC Case Number:	91UT079
File Location:	Local Agency
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Please refer to recent Site Documents or Monitoring Reports in GeoTracker for site history. Orange County is not responsible for the accuracy of any professional interpretations provided in reports submitted by consultants for the responsible party.

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

LUST:

Global Id:	T0605900904
Contact Type:	Regional Board Caseworker
Contact Name:	TOM E. MBEKE-EKANEM
Organization Name:	SANTA ANA RWQCB (REGION 8)
Address:	3737 MAIN STREET, SUITE 500
City:	RIVERSIDE
Email:	tmbeke-ekanem@waterboards.ca.gov
Phone Number:	9513202007

Global Id:	T0605900904
Contact Type:	Local Agency Caseworker
Contact Name:	TAMARA ESCOBEDO
Organization Name:	ORANGE COUNTY LOP

CHEVRON #9-8721 (Continued) **S105774377**

Address: 1241 EAST DYER ROAD SUITE 120
City: SANTA ANA
Email: tescobedo@ochca.com
Phone Number: 7144336251

LUST:

Global Id: T0605900904
Action Type: ENFORCEMENT
Date: 01/31/2012
Action: Staff Letter

Global Id: T0605900904
Action Type: ENFORCEMENT
Date: 06/05/2012
Action: Staff Letter

Global Id: T0605900904
Action Type: ENFORCEMENT
Date: 07/12/2012
Action: Staff Letter

Global Id: T0605900904
Action Type: ENFORCEMENT
Date: 04/21/2009
Action: Staff Letter

Global Id: T0605900904
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0605900904
Action Type: Other
Date: 01/01/1950
Action: Leak Began

Global Id: T0605900904
Action Type: ENFORCEMENT
Date: 01/27/2011
Action: Staff Letter

Global Id: T0605900904
Action Type: ENFORCEMENT
Date: 09/15/2003
Action: Staff Letter

Global Id: T0605900904
Action Type: ENFORCEMENT
Date: 07/11/2007
Action: Staff Letter

Global Id: T0605900904
Action Type: ENFORCEMENT
Date: 04/22/2008
Action: Staff Letter

Global Id: T0605900904

CHEVRON #9-8721 (Continued) **S105774377**

Action Type: ENFORCEMENT
Date: 12/21/2007
Action: Staff Letter

Global Id: T0605900904
Action Type: ENFORCEMENT
Date: 06/30/2004
Action: Staff Letter

Global Id: T0605900904
Action Type: ENFORCEMENT
Date: 07/19/2005
Action: Staff Letter

Global Id: T0605900904
Action Type: ENFORCEMENT
Date: 05/06/2011
Action: Staff Letter

Global Id: T0605900904
Action Type: ENFORCEMENT
Date: 08/24/2012
Action: Staff Letter

Global Id: T0605900904
Action Type: REMEDIATION
Date: 01/01/1950
Action: Other (Use Description Field)

Global Id: T0605900904
Action Type: REMEDIATION
Date: 01/01/1950
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0605900904
Action Type: REMEDIATION
Date: 01/01/1950
Action: Other (Use Description Field)

Global Id: T0605900904
Action Type: REMEDIATION
Date: 01/01/1950
Action: Other (Use Description Field)

Global Id: T0605900904
Action Type: REMEDIATION
Date: 01/01/1950
Action: Other (Use Description Field)

Global Id: T0605900904
Action Type: REMEDIATION
Date: 01/01/1950
Action: Other (Use Description Field)

Global Id: T0605900904
Action Type: ENFORCEMENT
Date: 10/09/2009

CHEVRON #9-8721 (Continued) **S105774377**

Action:	Staff Letter
Global Id:	T0605900904
Action Type:	ENFORCEMENT
Date:	10/27/2011
Action:	Staff Letter
Global Id:	T0605900904
Action Type:	ENFORCEMENT
Date:	08/05/2008
Action:	Staff Letter
Global Id:	T0605900904
Action Type:	ENFORCEMENT
Date:	08/12/2009
Action:	Staff Letter
Global Id:	T0605900904
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported
Global Id:	T0605900904
Action Type:	RESPONSE
Date:	07/30/2004
Action:	Interim Remedial Action Report
Global Id:	T0605900904
Action Type:	RESPONSE
Date:	09/10/2007
Action:	Corrective Action Plan / Remedial Action Plan
Global Id:	T0605900904
Action Type:	RESPONSE
Date:	04/25/2008
Action:	CAP/RAP - Feasibility Study Report
Global Id:	T0605900904
Action Type:	ENFORCEMENT
Date:	07/02/2009
Action:	Staff Letter
Global Id:	T0605900904
Action Type:	ENFORCEMENT
Date:	04/28/2009
Action:	Staff Letter

Region:	STATE
Global Id:	T0605966366
Latitude:	33.672447
Longitude:	-117.954482
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	07/11/1984
Lead Agency:	ORANGE COUNTY LOP
Case Worker:	KC

CHEVRON #9-8721 (Continued) **S105774377**

Local Agency:	ORANGE COUNTY LOP
RB Case Number:	Not reported
LOC Case Number:	84UT036
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:

LUST:

Global Id:	T0605966366
Contact Type:	Regional Board Caseworker
Contact Name:	TOM E. MBEKE-EKANEM
Organization Name:	SANTA ANA RWQCB (REGION 8)
Address:	3737 MAIN STREET, SUITE 500
City:	RIVERSIDE
Email:	tmbeke-ekanem@waterboards.ca.gov
Phone Number:	9513202007

Global Id:	T0605966366
Contact Type:	Local Agency Caseworker
Contact Name:	GENIECE HIGGINS
Organization Name:	ORANGE COUNTY LOP
Address:	1241 EAST DYER ROAD SUITE 120
City:	SANTA ANA
Email:	ghiggins@ochca.com
Phone Number:	7144336260

ORANGE CO. LUST:

Region:	ORANGE
Facility Id:	84UT036
Current Status:	Certification (Case Closed)
Released Substance:	Gasoline-Automotive (motor gasoline and additives), leaded & unleaded
Date Closed:	07/11/1984
Case Type:	Undetermined
Record ID:	RO0001563

Region:	ORANGE
Facility Id:	91UT079
Current Status:	Remedial Action
Released Substance:	Gasoline-Automotive (motor gasoline and additives), leaded & unleaded
Date Closed:	Not reported
Case Type:	Other Ground Water
Record ID:	RO0002799

LUST REG 8:

Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Remedial action (cleanup) Underway
Case Number:	083001145T
Local Case Num:	91UT079
Case Type:	Other ground water affected
Substance:	Gasoline
Qty Leaked:	0

CHEVRON #9-8721 (Continued) **S105774377**

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:	Unknown
Global ID:	T0605900904
How Stopped Date:	9/9/9999
Enter Date:	Not reported
Review Date:	Not reported
Prelim Assess:	Not reported
Discover Date:	3/26/1991
Enforcement Date:	Not reported
Close Date:	Not reported
Workplan:	Not reported
Pollution Char:	Not reported
Remed Plan:	Not reported
Remed Action:	8/19/2002
Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	ND
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.6724692
Longitude:	-117.954334
MTBE Date:	12/13/2004
Max MTBE GW:	0
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:	KC
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:	03-6412
OES notification:	12/12/200306:49:55 PM
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported

CHEVRON #9-8721 (Continued) **S105774377**

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:	Not reported
Waterway:	storm drain / sewer system
Spill Site:	Not reported
Cleanup By:	Unknown
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2003
Agency:	TRC
Incident Date:	11/19/200312:00:00 AM
Admin Agency:	Huntington Beach Fire Department
Amount:	Not reported
Contained:	No
Site Type:	Service Station
E Date:	Not reported
Substance:	water with trace Perchlorate 40 parts per billion
Quantity Released:	Not reported
BBLS:	0
Cups:	0
CUFT:	0
Gallons:	0.000000
Grams:	0
Pounds:	0
Liters:	0
Ounces:	0

CHEVRON #9-8721 (Continued) **S105774377**

Pints:	0
Quarts:	0
Sheen:	0
Tons:	0
Unknown:	0
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
Description:	Testing water for gasoline from a pilot test at a former Chevron site. Gasoline lab data came back clean however perchlorate sample tested positive.

C5 **R CLEANERS** **RCRA-SQG** **1000279680**
10118 ADAMS AVE **FINDS** **CAD103150108**
< 1/8 **HUNTINGTON BEACH, CA 92646** **Orange Co. Industrial Site**
1 ft. **DRYCLEANERS**
Site 2 of 2 in cluster C **HAZNET**
EMI

Relative:
Higher

Actual:
13 ft.

RCRA-SQG:

Date form received by agency:	10/09/1985
Facility name:	R CLEANERS
Facility address:	10118 ADAMS AVE HUNTINGTON BEACH, CA 92646
EPA ID:	CAD103150108
Contact:	ENVIRONMENTAL MANAGER
Contact address:	10118 ADAMS AVE HUNTINGTON BEACH, CA 92646
Contact country:	US
Contact telephone:	(714) 962-9007
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:	SOO WAN LEE
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported
Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator

R CLEANERS (Continued) **1000279680**

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: 110002666650

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.

Orange Co. Industrial Site:
Case ID: 99IC016
Region: ORANGE
Record ID: RO0000689
Current Status: CLOSED 5/24/1999
Closure Type: Closure certification issued
Released Chemical: PERCHLOROETHYLENE TRICHLOROETHYLENE

DRYCLEANERS:
EPA Id: CAL000287977
NAICS Code: 81232
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)
SIC Code: 7211
SIC Description: Power Laundries, Family and Commercial
Create Date: 11/08/2004
Facility Active: Yes

R CLEANERS (Continued) **1000279680**

Inactive Date:	Not reported
Facility Addr2:	Not reported
Owner Name:	KWANG CHO
Owner Address:	43 SABLE
Owner Address 2:	Not reported
Owner Telephone:	7149643767
Contact Name:	KWANG CHO
Contact Address:	10118 ADAMS AVE
Contact Address 2:	Not reported
Contact Telephone:	7149643767

HAZNET:

Year:	2006
Gepaid:	CAL000287977
Contact:	KWANG CHO
Telephone:	7149643767
Mailing Name:	Not reported
Mailing Address:	10118 ADAMS AVE
Mailing City,St,Zip:	HUNTINGTON BEACH, CA 92646
Gen County:	Orange
TSD EPA ID:	NVR000076158
TSD County:	99
Waste Category:	Not reported
Disposal Method:	Recycler
Tons:	Not reported
Facility County:	Orange

Year:	2005
Gepaid:	CAL000287977
Contact:	KWANG CHO
Telephone:	7149643767
Mailing Name:	Not reported
Mailing Address:	10118 ADAMS AVE
Mailing City,St,Zip:	HUNTINGTON BEACH, CA 92646
Gen County:	Orange
TSD EPA ID:	NVR000076158
TSD County:	99
Waste Category:	Aqueous solution with total organic residues less than 10 percent
Disposal Method:	Not reported
Tons:	Not reported
Facility County:	Not reported

Year:	2004
Gepaid:	CAD103150108
Contact:	OCKHYUN KIM/OWNER
Telephone:	7149650293
Mailing Name:	Not reported
Mailing Address:	10118 ADAMS AVE
Mailing City,St,Zip:	HUNTINGTON BEACH, CA 926464907
Gen County:	Orange
TSD EPA ID:	NVR000076158
TSD County:	99
Waste Category:	Aqueous solution with total organic residues less than 10 percent
Disposal Method:	Not reported
Tons:	Not reported
Facility County:	Not reported

R CLEANERS (Continued) **1000279680**

Year:	2003
Gepaid:	CAD103150108
Contact:	OCKHYUN KIM/OWNER
Telephone:	7149650293
Mailing Name:	Not reported
Mailing Address:	10118 ADAMS AVE
Mailing City,St,Zip:	HUNTINGTON BEACH, CA 926464907
Gen County:	Orange
TSD EPA ID:	CAD008302903
TSD County:	Orange
Waste Category:	Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method:	Recycler
Tons:	0.37
Facility County:	Orange

Year:	2003
Gepaid:	CAD103150108
Contact:	OCKHYUN KIM/OWNER
Telephone:	7149650293
Mailing Name:	Not reported
Mailing Address:	10118 ADAMS AVE
Mailing City,St,Zip:	HUNTINGTON BEACH, CA 926464907
Gen County:	Orange
TSD EPA ID:	CAD008302903
TSD County:	Orange
Waste Category:	Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method:	Transfer Station
Tons:	0.24
Facility County:	Orange

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

EMI:

Year:	1987
County Code:	30
Air Basin:	SC
Facility ID:	21868
Air District Name:	SC
SIC Code:	7216
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1990
County Code:	30
Air Basin:	SC
Facility ID:	21868

R CLEANERS (Continued) **1000279680**

Air District Name:	SC
SIC Code:	7216
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1995
County Code:	30
Air Basin:	SC
Facility ID:	21868
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

D6 **TARGET #2051** **RCRA-LQG** **1014386709**
9882 ADAMS AVE **CAL000207251**
< 1/8 **HUNTINGTON BEACH, CA 92646**
1 ft.

Site 1 of 5 in cluster D

Relative:
Higher

Actual:
13 ft.

RCRA-LQG:

Date form received by agency:	06/24/2010
Facility name:	TARGET #2051
Facility address:	9882 ADAMS AVE HUNTINGTON BEACH, CA 92646
EPA ID:	CAL000207251
Mailing address:	P.O. BOX 111 MINNEAPOLIS, MN 55440
Contact:	JANNA ADAIR-POTTS
Contact address:	P.O. BOX 111 MINNEAPOLIS, MN 55440
Contact country:	US
Contact telephone:	(800) 587-2228
Contact email:	CORPORATE.COMPLIANCE@TARGET.COM
EPA Region:	09
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely

TARGET #2051 (Continued) **1014386709**

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:	TARGET CORPORATION
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:	10/05/2005
Owner/Op end date:	Not reported

Owner/operator name:	TARGET CORPORATION
Owner/operator address:	1000 NICOLLET MALL
	MINNEAPOLIS, MN 55403
Owner/operator country:	US
Owner/operator telephone:	(800) 587-2228
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	10/05/2005
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

Hazardous Waste Summary:

Waste code:	123
Waste name:	123
Waste code:	141
Waste name:	141
Waste code:	214
Waste name:	214
Waste code:	291

TARGET #2051 (Continued) **1014386709**

Waste name: 291

Waste code: 311
Waste name: 311

Waste code: 331
Waste name: 331

Waste code: 791
Waste name: 791

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: D035
Waste name: METHYL ETHYL KETONE

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

Waste code: P046
Waste name: BENZENEETHANAMINE, ALPHA,ALPHA-DIMETHYL-

Waste code: P075
Waste name: NICOTINE, & SALTS

Waste code: U002
Waste name: ACETONE (I)

Waste code: U240
Waste name: ACETIC ACID, (2,4-DICHLOROPHENOXY)-, SALTS & ESTERS

Biennial Reports:

Last Biennial Reporting Year: 2011

Annual Waste Handled:
Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF

TARGET #2051 (Continued) **1014386709**

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): 737

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): 737

Waste code: D008
Waste name: LEAD
Amount (Lbs): 737

Waste code: D035
Waste name: METHYL ETHYL KETONE
Amount (Lbs): 737

Waste code: P001
Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%
Amount (Lbs): 6

Waste code: P046
Waste name: BENZENEETHANAMINE, ALPHA,ALPHA-DIMETHYL-
Amount (Lbs): 6

Waste code: P075
Waste name: NICOTINE, & SALTS
Amount (Lbs): 6

Waste code: U002
Waste name: ACETONE (I)
Amount (Lbs): 737

Waste code: U240
Waste name: ACETIC ACID, (2,4-DICHLOROPHENOXY)-, SALTS & ESTERS
Amount (Lbs): 737

Violation Status: No violations found

D7 **TARGET STORE NO 2051** **RCRA-SQG** **1014465317**
9882 ADAMS AVE **CAR000217786**
< 1/8 **HUNTINGTON BEACH, CA 92646**
1 ft.

Site 2 of 5 in cluster D

Relative: Higher

Actual: 13 ft.

RCRA-SQG:

Date form received by agency:	04/11/2011
Facility name:	TARGET STORE NO 2051
Facility address:	9882 ADAMS AVE HUNTINGTON BEACH, CA 92646
EPA ID:	CAR000217786
Mailing address:	PO BOX 111 MINNEAPOLIS, MN 55440-0111
Contact:	MARK W SCHWARZE
Contact address:	PO BOX 111 MINNEAPOLIS, MN 55440-0111
Contact country:	US
Contact telephone:	800-587-2228
Contact email:	CORPORATE.COMPLIANCE@TARGET.COM
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	TARGET CORP
Owner/operator address:	PO BOX 111 MINNEAPOLIS, MN 55440
Owner/operator country:	US
Owner/operator telephone:	800-587-2228
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	10/05/2005
Owner/Op end date:	Not reported

Owner/operator name:	TARGET CORP
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:	10/05/2005
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

TARGET STORE NO 2051 (Continued) **1014465317**

Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:

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

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

Waste code: D005
Waste name: BARIUM

Waste code: D008
Waste name: LEAD

Waste code: D009
Waste name: MERCURY

Waste code: D011
Waste name: SILVER

Waste code: D016
Waste name: 2,4-D

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

Waste code: P046
Waste name: BENZENEETHANAMINE, ALPHA,ALPHA-DIMETHYL-

Waste code: P075
Waste name: NICOTINE, & SALTS

Violation Status: No violations found

B8 **SHELL SERVICE STATION** **RCRA-SQG** **1000288499**
20001 BROOKHURST **LUST** **CAD981460710**
< 1/8 **HUNTINGTON BEACH, CA 92646** **CA FID UST**
1 ft. **HAZNET**

Site 3 of 16 in cluster B

Relative:
Higher

Actual:
13 ft.

RCRA-SQG:

Date form received by agency:	02/26/2004
Facility name:	SHELL SERVICE STATION
Facility address:	20001 BROOKHURST SAP #135372 HUNTINGTON BEACH, CA 92646
EPA ID:	CAD981460710
Mailing address:	SHELL OIL PRODUCTS US 12700 NORTHBOROUGH DR MFT240G HOUSTON, TX 770672508
Contact:	GARY V WING
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	(714) 731-8337
Contact email:	GVWING@SHELLOPUS.COM
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	SHELL OIL PRODUCTS US
Owner/operator address:	Not reported Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	08/01/1998
Owner/Op end date:	Not reported

Owner/operator name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Owner/operator address:	PO BOX 2648 HOUSTON, TX 77252
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	08/01/1998
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No

SHELL SERVICE STATION (Continued) **1000288499**

On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 02/26/2004
Facility name: SHELL SERVICE STATION
Classification: Small Quantity Generator

Date form received by agency: 04/08/1998
Facility name: SHELL SERVICE STATION
Site name: SHELL OIL CO
Classification: Small Quantity Generator

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

Date form received by agency: 04/13/1990
Facility name: SHELL SERVICE STATION
Site name: SHELL OIL CO 240-3594-2105
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: D018
Waste name: BENZENE

Violation Status: No violations found

LUST:
Region: STATE
Global Id: T0605900535
Latitude: 33.6722552
Longitude: -117.954
Case Type: LUST Cleanup Site
Status: Open - Assessment & Interim Remedial Action
Status Date: 01/12/2012
Lead Agency: ORANGE COUNTY LOP
Case Worker: TE
Local Agency: ORANGE COUNTY LOP
RB Case Number: 083000676T

SHELL SERVICE STATION (Continued) **1000288499**

LOC Case Number:	89UT167
File Location:	Local Agency
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Please refer to recent Site Documents or Monitoring Reports in GeoTracker for site history. Orange County is not responsible for the accuracy of any professional interpretations provided in reports submitted by consultants for the responsible party.

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

LUST:

Global Id:	T0605900535
Contact Type:	Local Agency Caseworker
Contact Name:	TAMARA ESCOBEDO
Organization Name:	ORANGE COUNTY LOP
Address:	1241 EAST DYER ROAD SUITE 120
City:	SANTA ANA
Email:	tescobedo@ochca.com
Phone Number:	7144336251

Global Id:	T0605900535
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

LUST:

Global Id:	T0605900535
Action Type:	ENFORCEMENT
Date:	05/24/2012
Action:	Staff Letter

Global Id:	T0605900535
Action Type:	ENFORCEMENT
Date:	02/10/2012
Action:	Staff Letter

Global Id:	T0605900535
Action Type:	ENFORCEMENT
Date:	02/02/2007
Action:	Staff Letter

Global Id:	T0605900535
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0605900535
Action Type:	Other
Date:	01/01/1950
Action:	Leak Began

Global Id:	T0605900535

SHELL SERVICE STATION (Continued) **1000288499**

Action Type: ENFORCEMENT
Date: 03/19/2007
Action: Staff Letter

Global Id: T0605900535
Action Type: RESPONSE
Date: 06/13/2012
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0605900535
Action Type: REMEDIATION
Date: 01/01/1950
Action: Soil Vapor Extraction (SVE)

Global Id: T0605900535
Action Type: ENFORCEMENT
Date: 07/15/2010
Action: Staff Letter

Global Id: T0605900535
Action Type: REMEDIATION
Date: 01/01/1950
Action: Soil Vapor Extraction (SVE)

Global Id: T0605900535
Action Type: ENFORCEMENT
Date: 07/02/2009
Action: Staff Letter

Global Id: T0605900535
Action Type: REMEDIATION
Date: 01/01/1950
Action: Excavation

Global Id: T0605900535
Action Type: REMEDIATION
Date: 01/01/1950
Action: Other (Use Description Field)

Global Id: T0605900535
Action Type: REMEDIATION
Date: 01/01/1950
Action: Pump & Treat (P&T) Groundwater

Global Id: T0605900535
Action Type: ENFORCEMENT
Date: 06/18/2001
Action: Staff Letter

Global Id: T0605900535
Action Type: ENFORCEMENT
Date: 04/24/2007
Action: Staff Letter

Global Id: T0605900535
Action Type: ENFORCEMENT
Date: 09/14/2011

SHELL SERVICE STATION (Continued) **1000288499**

Action: Staff Letter

Global Id: T0605900535
Action Type: ENFORCEMENT
Date: 08/17/2012
Action: Staff Letter

Global Id: T0605900535
Action Type: ENFORCEMENT
Date: 06/06/2012
Action: Staff Letter

Global Id: T0605900535
Action Type: ENFORCEMENT
Date: 06/21/2012
Action: Notification - Public Notice of ROD/RAP/CAP

Global Id: T0605900535
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

Global Id: T0605900535
Action Type: ENFORCEMENT
Date: 04/29/2009
Action: Staff Letter

Global Id: T0605900535
Action Type: ENFORCEMENT
Date: 05/10/2011
Action: File review

Global Id: T0605900535
Action Type: ENFORCEMENT
Date: 01/12/2012
Action: Staff Letter

Global Id: T0605900535
Action Type: ENFORCEMENT
Date: 10/24/2011
Action: Staff Letter

ORANGE CO. LUST:
Region: ORANGE
Facility Id: 89UT167
Current Status: Remedial Action
Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded
Date Closed: Not reported
Case Type: Other Ground Water
Record ID: RO0000781

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

SHELL SERVICE STATION (Continued) **1000288499**

Facility Status: Remedial action (cleanup) Underway
Case Number: 083000676T
Local Case Num: 89UT167
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: New Tank
Leak Cause: Unknown
Leak Source: Unknown
Global ID: T0605900535
How Stopped Date: 9/9/9999
Enter Date: Not reported
Review Date: Not reported
Prelim Assess: Not reported
Discover Date: 1/4/1989
Enforcement Date: Not reported
Close Date: Not reported
Workplan: Not reported
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: 6/1/1995
Monitoring: Not reported
Enter Date: Not reported
GW Qualifies: =
Soil Qualifies: Not reported
Operator: Not reported
Facility Contact: Not reported
Interim: Not reported
Oversite Program: LUST
Latitude: 33.6722552
Longitude: -117.954
MTBE Date: 9/7/2001
Max MTBE GW: 14000
MTBE Concentration: 0
Max MTBE Soil: Not reported
MTBE Fuel: 1
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
MTBE Class: *
Staff: CAB
Staff Initials: KC
Lead Agency: Local Agency
Local Agency: 30000L
Hydr Basin #: Not reported
Beneficial: MUN
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Summary: Not reported

CA FID UST:
Facility ID: 30000704
Regulated By: UTNKA

SHELL SERVICE STATION (Continued) **1000288499**

Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	Not reported
Mail To:	Not reported
Mailing Address:	P O BOX
Mailing Address 2:	Not reported
Mailing City,St,Zip:	HUNTINGTON BEACH 92646
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

HAZNET:

Year:	2011
Gepaid:	CAL000303228
Contact:	TAREK WAZNE
Telephone:	7148954437
Mailing Name:	Not reported
Mailing Address:	260 S EUCLID ST
Mailing City,St,Zip:	ANAHEIM, CA 928020000
Gen County:	Not reported
TSD EPA ID:	CAT080013352
TSD County:	Not reported
Waste Category:	Aqueous solution with total organic residues less than 10 percent
Disposal Method:	Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.588
Facility County:	Orange

Year:	2011
Gepaid:	CAL000303228
Contact:	TAREK WAZNE
Telephone:	7148954437
Mailing Name:	Not reported
Mailing Address:	260 S EUCLID ST
Mailing City,St,Zip:	ANAHEIM, CA 928020000
Gen County:	Not reported
TSD EPA ID:	CAT080013352
TSD County:	Not reported
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	2.72
Facility County:	Orange

Year:	2009
Gepaid:	CAL000303228
Contact:	TAREK WAZNE
Telephone:	7148954437
Mailing Name:	Not reported
Mailing Address:	20001 BROOKHURST ST
Mailing City,St,Zip:	HUNTINGTON BEACH, CA 926464922
Gen County:	Orange

SHELL SERVICE STATION (Continued) **1000288499**

TSD EPA ID: CAD982444481
TSD County: San Bernardino
Waste Category: Other organic solids
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.015
Facility County: Orange

B9 **SHELL (3594-2105)** **SWEEPS UST** **U003745993**
20001 BROOKHURST ST **N/A**
< 1/8 **HUNTINGTON BEACH, CA 92646**
1 ft.

Site 4 of 16 in cluster B

Relative:
Higher

Actual:
13 ft.

SWEEPS UST:
Status: Not reported
Comp Number: 2138
Number: Not reported
Board Of Equalization: 44-000074
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 30-000-002138-000002
Actv Date: Not reported
Capacity: 10000
Tank Use: UNKNOWN
Stg: PRODUCT
Content: Not reported
Number Of Tanks: 3

Status: Not reported
Comp Number: 2138
Number: Not reported
Board Of Equalization: 44-000074
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 30-000-002138-000003
Actv Date: Not reported
Capacity: 8000
Tank Use: UNKNOWN
Stg: PRODUCT
Content: Not reported
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 2138
Number: Not reported
Board Of Equalization: 44-000074
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported

SHELL (3594-2105) (Continued) **U003745993**

Swrcb Tank Id:	30-000-002138-000004
Actv Date:	Not reported
Capacity:	8000
Tank Use:	UNKNOWN
Stg:	PRODUCT
Content:	Not reported
Number Of Tanks:	Not reported

Status:	Active
Comp Number:	2138
Number:	9
Board Of Equalization:	44-000074
Referral Date:	09-30-92
Action Date:	09-15-92
Created Date:	02-29-88
Tank Status:	A
Owner Tank Id:	Not reported
Swrcb Tank Id:	30-000-002138-000001
Actv Date:	Not reported
Capacity:	550
Tank Use:	PETROLEUM
Stg:	P
Content:	Not reported
Number Of Tanks:	4

Status:	Active
Comp Number:	2138
Number:	9
Board Of Equalization:	44-000074
Referral Date:	09-30-92
Action Date:	09-15-92
Created Date:	02-29-88
Tank Status:	A
Owner Tank Id:	Not reported
Swrcb Tank Id:	30-000-002138-000008
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:	2138
Number:	9
Board Of Equalization:	44-000074
Referral Date:	09-30-92
Action Date:	09-15-92
Created Date:	02-29-88
Tank Status:	A
Owner Tank Id:	Not reported
Swrcb Tank Id:	30-000-002138-000009
Actv Date:	Not reported
Capacity:	12000
Tank Use:	M.V. FUEL
Stg:	P
Content:	LEADED

SHELL (3594-2105) (Continued) **U003745993**

Number Of Tanks:	Not reported
Status:	Active
Comp Number:	2138
Number:	9
Board Of Equalization:	44-000074
Referral Date:	09-30-92
Action Date:	09-15-92
Created Date:	02-29-88
Tank Status:	A
Owner Tank Id:	Not reported
Swrcb Tank Id:	30-000-002138-000010
Actv Date:	Not reported
Capacity:	12000
Tank Use:	M.V. FUEL
Stg:	P
Content:	DIESEL
Number Of Tanks:	Not reported

B10 **DONALD C. CLINE** **HIST UST** **U001577220**
20001 BROOKHURST ST **N/A**
< 1/8 **HUNTINGTON BEACH, CA 92646**
1 ft.

Site 5 of 16 in cluster B

Relative:
Higher

Actual:
13 ft.

HIST UST:

Region:	STATE
Facility ID:	00000010321
Facility Type:	Gas Station
Other Type:	Not reported
Total Tanks:	0004
Contact Name:	SAME
Telephone:	7149634541
Owner Name:	SHELL OIL COMPANY
Owner Address:	P.O. BOX 4848
Owner City,St,Zip:	ANAHEIM, CA 92803
Tank Num:	001
Container Num:	1
Year Installed:	1971
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Tank Construction:	1/4 inches
Leak Detection:	Stock Inventor, 10
Tank Num:	002
Container Num:	2
Year Installed:	1971
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Tank Construction:	1/4 inches
Leak Detection:	Stock Inventor, 10
Tank Num:	003
Container Num:	3
Year Installed:	1971

DONALD C. CLINE (Continued) **U001577220**

Tank Capacity:	00000550
Tank Used for:	PRODUCT
Type of Fuel:	WASTE OIL
Tank Construction:	12 gauge
Leak Detection:	Stock Inventor, 10

Tank Num:	004
Container Num:	4
Year Installed:	1971
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Tank Construction:	1/4 inches
Leak Detection:	Stock Inventor, 10

A11 **ARTISTIC CLEANERS** **RCRA-SQG** **1000263450**
10109 ADAMS **FINDS** **CAD981672165**
< 1/8 **HUNTINGTON BEACH, CA 92646**
1 ft.

Site 2 of 4 in cluster A

Relative:
Higher

Actual:
13 ft.

RCRA-SQG:

Date form received by agency:	09/01/1996
Facility name:	ARTISTIC CLEANERS
Facility address:	10109 ADAMS HUNTINGTON BEACH, CA 92646
EPA ID:	CAD981672165
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:	ROY MAMELLI
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

ARTISTIC CLEANERS (Continued) **1000263450**

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: 11/25/1986
Facility name: ARTISTIC CLEANERS
Classification: Large Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 05/31/1994
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: 110002744889

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.

B12 **SUPER-7 #18841** **HIST UST** **U001577297**
10001 ADAMS AVE **N/A**
< 1/8 **HUNTINGTON BEACH, CA 92647**
1 ft.

Site 6 of 16 in cluster B

Relative:
Higher

Actual:
13 ft.

HIST UST:

Region:	STATE
Facility ID:	00000012841
Facility Type:	Gas Station
Other Type:	Not reported
Total Tanks:	0003
Contact Name:	CHARLOTTE ISAACS
Telephone:	7149629241
Owner Name:	THE SOUTHLAND CORPORATION: DBA
Owner Address:	2444 MOORPARK AVE. SUITE 316
Owner City,St,Zip:	SAN JOSE, CA 95128
Tank Num:	001
Container Num:	18841-1-0
Year Installed:	1976
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Tank Construction:	Not reported
Leak Detection:	Stock Inventor, Sensor Instrument, Pressure Test
Tank Num:	002
Container Num:	18841-2-0
Year Installed:	1976
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Tank Construction:	Not reported
Leak Detection:	Stock Inventor, Sensor Instrument, Pressure Test
Tank Num:	003
Container Num:	18841-3-0
Year Installed:	1976
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Tank Construction:	Not reported
Leak Detection:	Stock Inventor, Sensor Instrument, Pressure Test

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B13 **SUPER - 7 #18841** **UST** **U003941850**
10001 ADAMS AVE **N/A**
< 1/8 **HUNTINGTON BEACH, CA 92646**
1 ft.

Site 7 of 16 in cluster B

Relative:
Higher

Actual:
13 ft.

UST:

Facility ID:	4374
Latitude:	33.67246
Longitude:	-117.95362

B14 **SUPER 7 GASOLINE UNIT # 18891** **Notify 65** **U000035417**
10001 ADAMS AVENUE **N/A**
< 1/8 **HUNTINGTON BEACH, CA 90101**
1 ft.

Site 8 of 16 in cluster B

Relative:
Higher

Actual:
13 ft.

Notify 65:

Date Reported:	Not reported
Staff Initials:	Not reported
Board File Number:	Not reported
Facility Type:	Not reported
Discharge Date:	Not reported
Incident Description:	90101

---

15 **ROSIE CLEANERS** **RCRA-SQG** **1001085743**
19885 BROOKHURST **FINDS** **CAR000010710**
< 1/8 **HUNTINGTON BEACH, CA 92646**
1 ft.

Relative:
Higher

Actual:
13 ft.

RCRA-SQG:

Date form received by agency:	04/01/1996
Facility name:	ROSIE CLEANERS
Facility address:	19885 BROOKHURST HUNTINGTON BEACH, CA 92646
EPA ID:	CAR000010710
Mailing address:	BROOKHURST HUNTINGTON BEACH, CA 92646
Contact:	NYEN VU
Contact address:	19885 BROOKHURST HUNTINGTON BEACH, CA 92646
Contact country:	US
Contact telephone:	(714) 968-3428
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:	NYEN VU
Owner/operator address:	19885 BROOKHURST HUNTINGTON BEACH, CA 92646
Owner/operator country:	Not reported
Owner/operator telephone:	(714) 968-3428
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

ROSIE CLEANERS (Continued) **1001085743**

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: 110002911190

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.

B16 **SOUTHLAND CORPORATION** **HIST CORTESE** **S101299648**
10001 ADAMS AVE **LUST** **N/A**
< 1/8 **HUNTINGTON BEACH, CA 92646**
1 ft.

Site 9 of 16 in cluster B

Relative: Higher

Actual: 13 ft.

CORTESE:
Region: CORTESE
Facility County Code: 30
Reg By: LTNKA
Reg Id: 083001169T

LUST:
Region: STATE
Global Id: T0605900923
Latitude: 33.6723972
Longitude: -117.953827
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 12/08/1997
Lead Agency: ORANGE COUNTY LOP
Case Worker: KC
Local Agency: ORANGE COUNTY LOP
RB Case Number: 083001169T
LOC Case Number: 89UT046
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:

LUST:

SOUTHLAND CORPORATION (Continued) **S101299648**

Global Id: T0605900923
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: T0605900923
Contact Type: Local Agency Caseworker
Contact Name: GENIECE HIGGINS
Organization Name: ORANGE COUNTY LOP
Address: 1241 EAST DYER ROAD SUITE 120
City: SANTA ANA
Email: ghiggins@ochca.com
Phone Number: 7144336260

LUST:
Global Id: T0605900923
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0605900923
Action Type: REMEDIATION
Date: 01/01/1950
Action: Excavation

Global Id: T0605900923
Action Type: REMEDIATION
Date: 01/01/1950
Action: Free Product Removal

Global Id: T0605900923
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

ORANGE CO. LUST:
Region: ORANGE
Facility Id: 89UT046
Current Status: Certification (Case Closed)
Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded
Date Closed: 12/08/1997
Case Type: Other Ground Water
Record ID: RO0001961

LUST REG 8:
Region: 8
County: Orange
Regional Board: Santa Ana Region
Facility Status: Case Closed
Case Number: 083001169T
Local Case Num: 89UT046

SOUTHLAND CORPORATION (Continued) **S101299648**

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:	T0605900923
How Stopped Date:	9/9/9999
Enter Date:	Not reported
Review Date:	Not reported
Prelim Assess:	Not reported
Discover Date:	3/3/1989
Enforcement Date:	Not reported
Close Date:	12/8/1997
Workplan:	Not reported
Pollution Char:	Not reported
Remed Plan:	Not reported
Remed Action:	Not reported
Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.6723972
Longitude:	-117.953827
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:	KC
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

A17 **BEST CLEANERS** **Orange Co. Industrial Site** **S100930074**
10109 ADAMS AVE **DRYCLEANERS** **N/A**
< 1/8 **HUNTINGTON BEACH, CA 92646** **HAZNET**
1 ft. **ENVIROSTOR**

Site 3 of 4 in cluster A

Relative:
Higher

Actual:
13 ft.

Orange Co. Industrial Site:

Case ID:	01IC028
Region:	ORANGE
Record ID:	RO0000049
Current Status:	CLOSED 4/29/2010
Closure Type:	Closure certification issued
Released Chemical:	PERCHLOROETHYLENE TRICHLOROETHYLENE SOLVENTS-HALOGENATED

DRYCLEANERS:

EPA Id:	CAD981672165
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
SIC Code:	7211
SIC Description:	Power Laundries, Family and Commercial
Create Date:	04/10/1987
Facility Active:	No
Inactive Date:	06/30/2001
Facility Addr2:	Not reported
Owner Name:	PAUL JUN
Owner Address:	10109 ADAMS AVE
Owner Address 2:	Not reported
Owner Telephone:	7149626536
Contact Name:	PAUL JUN
Contact Address:	10109 ADAMS AVE
Contact Address 2:	Not reported
Contact Telephone:	7149626536

HAZNET:

Year:	1999
Gepaid:	CAD981672165
Contact:	BRYAN M CHONG
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	10109 ADAMS AVE
Mailing City,St,Zip:	HUNTINGTON BEACH, CA 926460000
Gen County:	Orange
TSD EPA ID:	CAD981397417
TSD County:	Los Angeles
Waste Category:	Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method:	Recycler
Tons:	0.803
Facility County:	Orange

Year:	1998
Gepaid:	CAD981672165
Contact:	BRYAN M CHONG
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	10109 ADAMS AVE
Mailing City,St,Zip:	HUNTINGTON BEACH, CA 926460000
Gen County:	Orange

BEST CLEANERS (Continued) **S100930074**

TSD EPA ID:	CAD981397417
TSD County:	Los Angeles
Waste Category:	Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method:	Recycler
Tons:	.6350
Facility County:	Orange

Year:	1997
Gepaid:	CAD981672165
Contact:	BRYAN M CHONG
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	10109 ADAMS AVE
Mailing City,St,Zip:	HUNTINGTON BEACH, CA 926460000
Gen County:	Orange
TSD EPA ID:	CAD981397417
TSD County:	Los Angeles
Waste Category:	Not reported
Disposal Method:	Recycler
Tons:	.0000
Facility County:	Orange

Year:	1997
Gepaid:	CAD981672165
Contact:	BRYAN M CHONG
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	10109 ADAMS AVE
Mailing City,St,Zip:	HUNTINGTON BEACH, CA 926460000
Gen County:	Orange
TSD EPA ID:	CAD981397417
TSD County:	Los Angeles
Waste Category:	Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method:	Recycler
Tons:	21.9916
Facility County:	Orange

Year:	1996
Gepaid:	CAD981672165
Contact:	BRYAN M CHONG
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	10109 ADAMS AVE
Mailing City,St,Zip:	HUNTINGTON BEACH, CA 926460000
Gen County:	Orange
TSD EPA ID:	CAD981397417
TSD County:	Los Angeles
Waste Category:	Not reported
Disposal Method:	Recycler
Tons:	.0000
Facility County:	Orange

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

BEST CLEANERS (Continued) **S100930074**

ENVIROSTOR:

Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Referred - Not Assigned
Division Branch:	Cleanup Cypress
Facility ID:	30720018
Site Code:	Not reported
Assembly:	67
Senate:	35
Special Program:	Not reported
Status:	Refer: 1248 Local Agency
Status Date:	08/08/2001
Restricted Use:	NO
Site Mgmt. Req.:	NONE SPECIFIED
Funding:	Not Applicable
Latitude:	0
Longitude:	0
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	30720018
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

A18 **EDR US Hist Cleaners** **1014968041**
N/A

< 1/8
1 ft.

10109 ADAMS AVE
HUNTINGTON BEACH, CA 92646

Site 4 of 4 in cluster A

Relative:
Higher

Actual:
13 ft.

EDR Historical Cleaners:

Name:	BEST CLEANERS
Year:	1999
Address:	10109 ADAMS AVE

(Continued) **1014968041**

Name: BEST CLEANERS
Year: 2001
Address: 10109 ADAMS AVE

Name: BEST CLEANERS
Year: 2002
Address: 10109 ADAMS AVE

Name: BEST CLEANERS
Year: 2003
Address: 10109 ADAMS AVE

B19 **BEST CLEANERS DBA HWA-YOUNG CHUNG** **DRYCLEANERS** **S109148669**
10035 ADAMS AVE STE 115 **HAZNET** **N/A**
< 1/8 **HUNTINGTON BEACH, CA 92646**
1 ft.

Site 10 of 16 in cluster B

Relative:
Higher

Actual:
13 ft.

DRYCLEANERS:
EPA Id: CAL000325645
NAICS Code: 81232
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)
SIC Code: 7211
SIC Description: Power Laundries, Family and Commercial
Create Date: 10/12/2007
Facility Active: No
Inactive Date: 06/30/2010
Facility Addr2: Not reported
Owner Name: PAUL JON
Owner Address: 10035 ADAMS AVE STE 115
Owner Address 2: Not reported
Owner Telephone: 7149680879
Contact Name: PAUL JON
Contact Address: 10035 ADAMS AVE STE 115
Contact Address 2: Not reported
Contact Telephone: 7149680879

EPA Id: CAL000345989
NAICS Code: 81232
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)
SIC Code: 7211
SIC Description: Power Laundries, Family and Commercial
Create Date: 08/24/2009
Facility Active: Yes
Inactive Date: Not reported
Facility Addr2: Not reported
Owner Name: HWA-YONG CHUNG
Owner Address: 10035 ADAMS AVE STE 115
Owner Address 2: Not reported
Owner Telephone: 7148339575
Contact Name: HWA-YOUNG CHUNG
Contact Address: 10035 ADAMS AVE STE 115
Contact Address 2: Not reported
Contact Telephone: 7148339575

HAZNET:
Year: 2008

BEST CLEANERS DBA HWA-YOUNG CHUNG (Continued) **S109148669**

Gepaid:	CAL000325645
Contact:	PAUL JON
Telephone:	7149680879
Mailing Name:	Not reported
Mailing Address:	10035 ADAMS AVE STE 115
Mailing City,St,Zip:	HUNTINGTON BEACH, CA 926460000
Gen County:	Orange
TSD EPA ID:	NVR000076158
TSD County:	99
Waste Category:	Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method:	Solvents Recovery
Tons:	0.25
Facility County:	Orange

B20 **CVS PHARMACY NO 9483** **RCRA-LQG** **1015740254**
10011 ADAMS AVE **CAR000229377**
< 1/8 **HUNTINGTON BEACH, CA 92646**
1 ft.

Site 11 of 16 in cluster B

Relative:
Higher

Actual:
13 ft.

RCRA-LQG:

Date form received by agency:	09/04/2012
Facility name:	CVS PHARMACY NO 9483
Facility address:	10011 ADAMS AVE HUNTINGTON BEACH, CA 92646
EPA ID:	CAR000229377
Mailing address:	ONE CVS DR WOONSOCKET, RI 02895
Contact:	WENDY L BRANT
Contact address:	ONE CVS DR WOONSOCKET, RI 02895
Contact country:	US
Contact telephone:	401-765-1500
Contact email:	WENDY.BRANT@CVSCAREMARK.COM
EPA Region:	09
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	GARFIELD BEACH CVS LLC
Owner/operator address:	ONE CVS DR WOONSOCKET, RI 02895
Owner/operator country:	US
Owner/operator telephone:	401-765-1500
Legal status:	Private
Owner/Operator Type:	Owner

CVS PHARMACY NO 9483 (Continued) **1015740254**

Owner/Op start date: 11/01/2001
Owner/Op end date: Not reported

Owner/operator name: GARFIELD BEACH CVS LLC
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 06/02/2006
Owner/Op end date: Not reported

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.

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

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

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

CVS PHARMACY NO 9483 (Continued) **1015740254**

Waste code: P075
Waste name: NICOTINE, & SALTS

Waste code: P081
Waste name: NITROGLYCERINE (R)

Violation Status: No violations found

B21 **EDR US Hist Cleaners** **1014967075**
N/A

< 1/8
1 ft.

10035 ADAMS AVE
HUNTINGTON BEACH, CA 92646

Site 12 of 16 in cluster B

Relative:
Higher

Actual:
13 ft.

EDR Historical Cleaners:

Name: BEST CLEANERS
Year: 2009
Address: 10035 ADAMS AVE

Name: BEST CLEANERS
Year: 2010
Address: 10035 ADAMS AVE

Name: BEST CLEANERS
Year: 2011
Address: 10035 ADAMS AVE

Name: BEST CLEANERS
Year: 2012
Address: 10035 ADAMS AVE

B22 **EDR US Hist Auto Stat** **1015302890**
N/A

< 1/8
1 ft.

20001 BROOKHURST ST
HUNTINGTON BEACH, CA 92646

Site 13 of 16 in cluster B

Relative:
Higher

Actual:
13 ft.

EDR Historical Auto Stations:

Name: SHELL SERVICE STN DLRS
Year: 1999
Address: 20001 BROOKHURST ST

D23 **EDR US Hist Auto Stat** **1015689008**
N/A

< 1/8
1 ft.

9862 ADAMS AVE
HUNTINGTON BEACH, CA 92646

Site 3 of 5 in cluster D

Relative:
Higher

Actual:
13 ft.

EDR Historical Auto Stations:

Name: OILMAX 10 MINUTE LUBE WASH
Year: 1999
Address: 9862 ADAMS AVE

Name: OILMAX 10 MINUTE LUBE WASH
Year: 2001
Address: 9862 ADAMS AVE

(Continued) **1015689008**

Name: OILMAX 10 MINUTE LUBE WASH
Year: 2002
Address: 9862 ADAMS AVE

Name: OILMAX 10 MINUTE LUBE WASH
Year: 2003
Address: 9862 ADAMS AVE

Name: OILMAX 10 MINUTE LUBE WASH
Year: 2004
Address: 9862 ADAMS AVE

Name: OILMAX 10 MINUTE LUBE WASH
Year: 2005
Address: 9862 ADAMS AVE

Name: OILMAX 10 MINUTE LUBE WASH
Year: 2008
Address: 9862 ADAMS AVE

Name: OILMAX 10 MINUTE LUBE WASH
Year: 2009
Address: 9862 ADAMS AVE

Name: E Z LUBE
Year: 2010
Address: 9862 ADAMS AVE

Name: EZ LUBE
Year: 2011
Address: 9862 ADAMS AVE

Name: EZ LUBE
Year: 2012
Address: 9862 ADAMS AVE

B24 **SCHER TIRE INC** **RCRA NonGen / NLR** **1000211848**
20052 BROOKHURST ST **FINDS** **CAD981443112**
< 1/8 **HUNTINGTON BEACH, CA 92646** **CA FID UST**
1 ft. **HAZNET**

Site 14 of 16 in cluster B

Relative:
Higher

Actual:
13 ft.

RCRA NonGen / NLR:
Date form received by agency: 12/19/2000
Facility name: SCHER TIRE INC
Facility address: 20052 BROOKHURST ST
HUNTINGTON BEACH, CA 92646
EPA ID: CAD981443112
Mailing address: 14020 S PIONEER
NORWALK, CA 90650
Contact: KAREN SHANLEY
Contact address: 3863 TYLER ST
RIVERSIDE, CA 92503
Contact country: US
Contact telephone: (909) 343-3100
Contact email: Not reported
EPA Region: 09
Classification: Non-Generator

SCHER TIRE INC (Continued) **1000211848**

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	BRUCE I SCHER
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: 110002707893

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

CA FID UST:

SCHER TIRE INC (Continued) **1000211848**

Facility ID: 30006332
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7149623349
Mail To: Not reported
Mailing Address: 3501 JAMBOREE RD
Mailing Address 2: Not reported
Mailing City,St,Zip: HUNTINGTON BEACH 92646
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

HAZNET:
Year: 1998
Gepaid: CAL000025794
Contact: BRUCE SCHER
Telephone: 9093433100
Mailing Name: Not reported
Mailing Address: 3863 TYLER ST
Mailing City,St,Zip: RIVERSIDE, CA 925033430
Gen County: Orange
TSD EPA ID: CAT080013352
TSD County: Los Angeles
Waste Category: Unspecified aqueous solution
Disposal Method: Recycler
Tons: .6463
Facility County: Orange

Year: 1997
Gepaid: CAL000025794
Contact: BRUCE SCHER
Telephone: 9093433100
Mailing Name: Not reported
Mailing Address: 3863 TYLER ST
Mailing City,St,Zip: RIVERSIDE, CA 925033430
Gen County: Orange
TSD EPA ID: CAD000088252
TSD County: Los Angeles
Waste Category: Other organic solids
Disposal Method: Transfer Station
Tons: .1750
Facility County: Orange

Year: 1997
Gepaid: CAL000025794
Contact: BRUCE SCHER
Telephone: 9093433100
Mailing Name: Not reported
Mailing Address: 3863 TYLER ST
Mailing City,St,Zip: RIVERSIDE, CA 925033430
Gen County: Orange

SCHER TIRE INC (Continued) **1000211848**

TSD EPA ID: CAD099452708
TSD County: Los Angeles
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Tons: 4.0032
Facility County: Orange

Year: 1997
Gepaid: CAL000025794
Contact: BRUCE SCHER
Telephone: 9093433100
Mailing Name: Not reported
Mailing Address: 3863 TYLER ST
Mailing City,St,Zip: RIVERSIDE, CA 925033430
Gen County: Orange
TSD EPA ID: CAT080013352
TSD County: Los Angeles
Waste Category: Unspecified aqueous solution
Disposal Method: Recycler
Tons: 3.6487
Facility County: Orange

Year: 1996
Gepaid: CAL000025794
Contact: BRUCE SCHER
Telephone: 9093433100
Mailing Name: Not reported
Mailing Address: 3863 TYLER ST
Mailing City,St,Zip: RIVERSIDE, CA 925033430
Gen County: Orange
TSD EPA ID: CAD000088252
TSD County: Los Angeles
Waste Category: Other organic solids
Disposal Method: Transfer Station
Tons: .5000
Facility County: Orange

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

B25 **SCHER TIRE #5** **UST** **U003941522**
20052 BROOKHURST ST **SWEEPS UST** **N/A**
< 1/8 **HUNTINGTON BEACH, CA 92646** **HAZNET**
1 ft.

Site 15 of 16 in cluster B

Relative:
Higher

Actual:
13 ft.

UST:
Facility ID: 4367
Latitude: 33.67146
Longitude: -117.95375

SWEEPS UST:
Status: Active
Comp Number: 4367
Number: 9
Board Of Equalization: 44-016182
Referral Date: 09-30-92

SCHER TIRE #5 (Continued) **U003941522**

Action Date:	09-15-92
Created Date:	02-29-88
Tank Status:	A
Owner Tank Id:	Not reported
Swrcb Tank Id:	30-000-004367-000001
Actv Date:	Not reported
Capacity:	550
Tank Use:	PETROLEUM
Stg:	P
Content:	Not reported
Number Of Tanks:	1

HAZNET:

Year:	2004
Gepaid:	CAL000025794
Contact:	KAREN SHANLEY/CONTROLLER
Telephone:	9093433100
Mailing Name:	Not reported
Mailing Address:	3863 TYLER ST
Mailing City,St,Zip:	RIVERSIDE, CA 925033430
Gen County:	Orange
TSD EPA ID:	CAD028409019
TSD County:	Los Angeles
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Transfer Station
Tons:	0
Facility County:	Not reported

B26 **BEACH CITY TIRE INC.** **HIST UST** **U001577216**
20052 BROOKHURST ST **Orange Co. Industrial Site** **N/A**
< 1/8 **HUNTINGTON BEACH, CA 92646** **ENVIROSTOR**
1 ft.

Site 16 of 16 in cluster B

Relative:
Higher

Actual:
13 ft.

HIST UST:

Region:	STATE
Facility ID:	00000011512
Facility Type:	Other
Other Type:	AUTO SERVICES
Total Tanks:	0001
Contact Name:	STEVE THOMAS
Telephone:	7149623349
Owner Name:	BEACH CITY TIRE INC.
Owner Address:	20052 BROOKHURST ST
Owner City,St,Zip:	HUNTINGTON BEACH, CA 92646
Tank Num:	001
Container Num:	#1
Year Installed:	1969
Tank Capacity:	00000200
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Tank Construction:	Not reported
Leak Detection:	Pressure Test

Orange Co. Industrial Site:

Case ID:	04IC018

BEACH CITY TIRE INC. (Continued) **U001577216**

Region: ORANGE
Record ID: RO0003320
Current Status: CLOSED 10/24/2005
Closure Type: Closure certification issued
Released Chemical: VINYL CHLORIDE PERCHLOROETHYLENE TRICHLOROETHANE DICHLOROETHYLENE (1,2) WASTE (OR SLOP) OIL

ENVIROSTOR:
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Cleanup Cypress
Facility ID: 30750022
Site Code: Not reported
Assembly: 74
Senate: 37
Special Program: Not reported
Status: Refer: 1248 Local Agency
Status Date: 11/03/2004
Restricted Use: NO
Site Mgmt. Req.: NONE SPECIFIED
Funding: Not Applicable
Latitude: 33.67148
Longitude: -117.9532
APN: NONE SPECIFIED
Past Use: VEHICLE MAINTENANCE
Potential COC: 30001, 30018, 30027
Confirmed COC: 30018-NO,30027-NO,30001-NO
Potential Description: SOIL
Alias Name: 30750022
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

D27 **OIL MAX INC** **UST** **U003879722**
9862 ADAMS AVE **N/A**
< 1/8 **HUNTINGTON BEACH, CA 92646**
1 ft.

Site 4 of 5 in cluster D

Relative:
Higher

Actual:
13 ft.

UST:

Facility ID:	9348
Latitude:	33.67228
Longitude:	-117.95607

D28 **OIL MAX** **CA FID UST** **S101589479**
9862 ADAMS **SWEEPS UST** **N/A**
< 1/8 **HUNTINGTON BEACH, CA 92646**
1 ft.

Site 5 of 5 in cluster D

Relative:
Higher

Actual:
13 ft.

CA FID UST:

Facility ID:	30015106
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	Not reported
Mail To:	Not reported
Mailing Address:	9862 ADAMS
Mailing Address 2:	Not reported
Mailing City,St,Zip:	HUNTINGTON BEACH 92646
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

SWEEPS UST:

Status:	Active
Comp Number:	9348
Number:	9
Board Of Equalization:	44-016755
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:	30-000-009348-000001
Actv Date:	Not reported
Capacity:	3000
Tank Use:	PETROLEUM
Stg:	P
Content:	Not reported
Number Of Tanks:	1

29
ENE
< 1/8
0.096 mi.
509 ft.

19861 RANGER LN
HUNTINGTON BEACH, CA 92646

EDR US Hist Cleaners **1015011584**
N/A

Relative:
Lower

Actual:
12 ft.

EDR Historical Cleaners:

Name:	CLUTTER CLEANERS
Year:	2002
Address:	19861 RANGER LN

30
SSW
1/8-1/4
0.150 mi.
790 ft.

20272 MORRISTOWN CIR
HUNTINGTON BEACH, CA 92646

EDR US Hist Auto Stat **1015309095**
N/A

Relative:
Lower

Actual:
11 ft.

EDR Historical Auto Stations:

Name:	AUTOMECHANICTOOLS
Year:	2007
Address:	20272 MORRISTOWN CIR

31
WNW
1/8-1/4
0.236 mi.
1245 ft.

9684 BICKLEY DR
HUNTINGTON BEACH, CA 92646

EDR US Hist Auto Stat **1015685877**
N/A

Relative:
Lower

Actual:
12 ft.

EDR Historical Auto Stations:

Name:	AUTO EFX
Year:	2009
Address:	9684 BICKLEY DR

32
WNW
1/4-1/2
0.371 mi.
1958 ft.

BUSHARD FIRE STATION
19711 BUSHARD ST
HUNTINGTON BEACH, CA 92646

LUST **U001577317**
UST **N/A**
HIST UST

Relative:
Lower

Actual:
12 ft.

LUST:

Region:	STATE
Global Id:	T0605901285
Latitude:	33.676315
Longitude:	-117.9626482
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	12/06/1994
Lead Agency:	ORANGE COUNTY LOP
Case Worker:	KC
Local Agency:	ORANGE COUNTY LOP
RB Case Number:	083001699T
LOC Case Number:	90UT254
File Location:	Local Agency
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Diesel
Site History:	Not reported

BUSHARD FIRE STATION (Continued) **U001577317**

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

LUST:

Global Id:	T0605901285
Contact Type:	Regional Board Caseworker
Contact Name:	TOM E. MBEKE-EKANEM
Organization Name:	SANTA ANA RWQCB (REGION 8)
Address:	3737 MAIN STREET, SUITE 500
City:	RIVERSIDE
Email:	tmbeke-ekanem@waterboards.ca.gov
Phone Number:	9513202007

Global Id:	T0605901285
Contact Type:	Local Agency Caseworker
Contact Name:	GENIECE HIGGINS
Organization Name:	ORANGE COUNTY LOP
Address:	1241 EAST DYER ROAD SUITE 120
City:	SANTA ANA
Email:	ghiggins@ochca.com
Phone Number:	7144336260

LUST:

Global Id:	T0605901285
Action Type:	REMEDIATION
Date:	01/01/1950
Action:	Excavation

Global Id:	T0605901285
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0605901285
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

ORANGE CO. LUST:

Region:	ORANGE
Facility Id:	90UT254
Current Status:	Certification (Case Closed)
Released Substance:	Diesel fuel oil and additives, Nos.1-D, 2-D, 2-4
Date Closed:	12/06/1994
Case Type:	Other Ground Water
Record ID:	RO0002976

LUST REG 8:

Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083001699T
Local Case Num:	90UT254
Case Type:	Other ground water affected

BUSHARD FIRE STATION (Continued) **U001577317**

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:	T0605901285
How Stopped Date:	9/9/9999
Enter Date:	Not reported
Review Date:	Not reported
Prelim Assess:	Not reported
Discover Date:	11/8/1990
Enforcement Date:	Not reported
Close Date:	12/6/1994
Workplan:	Not reported
Pollution Char:	Not reported
Remed Plan:	Not reported
Remed Action:	Not reported
Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.676315
Longitude:	-117.9626482
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:	TME
Staff Initials:	KC
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:	5949
Latitude:	33.67643
Longitude:	-117.96268

HIST UST:

BUSHARD FIRE STATION (Continued) **U001577317**

Region:	STATE
Facility ID:	00000027864
Facility Type:	Other
Other Type:	FIRE ST.
Total Tanks:	0001
Contact Name:	TOM SHAW
Telephone:	7145365411
Owner Name:	CITY OF HUNTINGTON BEACH
Owner Address:	2000 MAIN STREET
Owner City,St,Zip:	HUNTINGTON BEACH, CA 92648

Tank Num:	001
Container Num:	B-1
Year Installed:	Not reported
Tank Capacity:	00000500
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Tank Construction:	3/16 inches
Leak Detection:	None

Count: 8 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
COSTA MESA	1015732745	MSI DATA CORP	335 BAKER AVE	92626	CERC-NFRAP, RCRA-SQG
COSTA MESA	1006836980	NEWPORT AVENUE STATION #1	NW CORNER OF NEWPORT FWY & BRI	92627	FINDS
HUNTINGTON BEACH	1007372483	KRIK WELL #80	ASCON LANDFILL		CERCLIS, PRP
HUNTINGTON BEACH	S103442591	CANNERY STREET D	CANNERY / HAMILTON STS		WMUDS/SWAT
HUNTINGTON BEACH	1007443886	GOTHARD STREET CLOSED LANDFILL	GOTHARD STREET		ODI
HUNTINGTON BEACH	S109286953	LANDFILL,CANNERY STREET	NW OF MAGNOLIA & HAMILTON		LDS
HUNTINGTON BEACH	1006837013	TAYLOR STREET STATION #4	NW OF TAYLOR & GOLDENWEST		FINDS
ORANGE COUNTY	2008903695	4281 WARNER AVENUE	4281 WARNER AVENUE		ERNS

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: 02/01/2013
Date Data Arrived at EDR: 03/01/2013
Date Made Active in Reports: 03/13/2013
Number of Days to Update: 12

Source: EPA
Telephone: N/A
Last EDR Contact: 03/01/2013
Next Scheduled EDR Contact: 04/22/2013
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: 02/01/2013
Date Data Arrived at EDR: 03/01/2013
Date Made Active in Reports: 03/13/2013
Number of Days to Update: 12

Source: EPA
Telephone: N/A
Last EDR Contact: 03/01/2013
Next Scheduled EDR Contact: 04/22/2013
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 02/01/2013	Source: EPA
Date Data Arrived at EDR: 03/01/2013	Telephone: N/A
Date Made Active in Reports: 03/13/2013	Last EDR Contact: 03/01/2013
Number of Days to Update: 12	Next Scheduled EDR Contact: 04/22/2013
	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: 02/04/2013	Source: EPA
Date Data Arrived at EDR: 03/01/2013	Telephone: 703-412-9810
Date Made Active in Reports: 03/13/2013	Last EDR Contact: 03/01/2013
Number of Days to Update: 12	Next Scheduled EDR Contact: 06/10/2013
	Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 07/31/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/09/2012	Telephone: 703-603-8704
Date Made Active in Reports: 12/20/2012	Last EDR Contact: 01/11/2013
Number of Days to Update: 72	Next Scheduled EDR Contact: 04/22/2013
	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: 02/05/2013	Source: EPA
Date Data Arrived at EDR: 03/01/2013	Telephone: 703-412-9810
Date Made Active in Reports: 03/13/2013	Last EDR Contact: 01/04/2013
Number of Days to Update: 12	Next Scheduled EDR Contact: 03/11/2013
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 02/12/2013
Date Data Arrived at EDR: 02/21/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 6

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 02/08/2013
Next Scheduled EDR Contact: 05/27/2013
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: 02/12/2013
Date Data Arrived at EDR: 02/15/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 12

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 02/15/2013
Next Scheduled EDR Contact: 04/15/2013
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: 02/12/2013
Date Data Arrived at EDR: 02/15/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 12

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 02/15/2013
Next Scheduled EDR Contact: 04/15/2013
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: 02/12/2013
Date Data Arrived at EDR: 02/15/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 12

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 02/15/2013
Next Scheduled EDR Contact: 04/15/2013
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: 02/12/2013
Date Data Arrived at EDR: 02/15/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 12

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 02/15/2013
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Varies

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: 12/19/2012
Date Data Arrived at EDR: 12/26/2012
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 03/11/2013
Next Scheduled EDR Contact: 06/24/2013
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 12/19/2012
Date Data Arrived at EDR: 12/26/2012
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 03/11/2013
Next Scheduled EDR Contact: 06/24/2013
Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005
Date Data Arrived at EDR: 12/11/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 31

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 02/18/2013
Next Scheduled EDR Contact: 06/03/2013
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 01/17/2013
Date Made Active in Reports: 02/15/2013
Number of Days to Update: 29

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 01/17/2013
Next Scheduled EDR Contact: 04/15/2013
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: 12/05/2012
Date Data Arrived at EDR: 12/06/2012
Date Made Active in Reports: 01/15/2013
Number of Days to Update: 40

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 03/14/2013
Next Scheduled EDR Contact: 05/20/2013
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

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

Date of Government Version: 12/05/2012
Date Data Arrived at EDR: 12/06/2012
Date Made Active in Reports: 01/15/2013
Number of Days to Update: 40

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 03/14/2013
Next Scheduled EDR Contact: 05/20/2013
Data Release Frequency: Quarterly

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

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an 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: 11/19/2012
Date Data Arrived at EDR: 11/19/2012
Date Made Active in Reports: 01/04/2013
Number of Days to Update: 46

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 02/18/2013
Next Scheduled EDR Contact: 06/03/2013
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
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 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 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 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 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 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 2: Fuel Leak List
Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

LUST REG 1: Active Toxic Site Investigation
Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST: Geotracker's Leaking Underground Fuel Tank Report
Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state. For more information on a particular leaking underground storage tank sites, please contact the appropriate regulatory agency.

Date of Government Version: 12/17/2012
Date Data Arrived at EDR: 12/17/2012
Date Made Active in Reports: 01/25/2013
Number of Days to Update: 39

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 01/31/2013
Next Scheduled EDR Contact: 04/01/2013
Data Release Frequency: Quarterly

LUST REG 9: Leaking Underground Storage Tank Report
Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
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: 12/17/2012
Date Data Arrived at EDR: 12/17/2012
Date Made Active in Reports: 01/25/2013
Number of Days to Update: 39

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 01/31/2013
Next Scheduled EDR Contact: 04/01/2013
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: Semi-Annually

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: Annually

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 08/01/2012
Date Data Arrived at EDR: 08/02/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 75

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/30/2012
Next Scheduled EDR Contact: 05/13/2013
Data Release Frequency: Quarterly

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/12/2012
Date Data Arrived at EDR: 05/09/2012
Date Made Active in Reports: 07/10/2012
Number of Days to Update: 62

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 02/01/2013
Next Scheduled EDR Contact: 05/13/2013
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/27/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 01/28/2013
Next Scheduled EDR Contact: 05/13/2013
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: 01/28/2013
Next Scheduled EDR Contact: 05/13/2013
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: 12/14/2011
Date Data Arrived at EDR: 12/15/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 26

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 01/28/2013
Next Scheduled EDR Contact: 05/13/2013
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: 08/17/2012
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 7
Telephone: 913-551-7003
Last EDR Contact: 01/28/2013
Next Scheduled EDR Contact: 05/13/2013
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 09/06/2012
Date Data Arrived at EDR: 09/07/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 01/28/2013
Next Scheduled EDR Contact: 05/13/2013
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: 12/17/2012
Date Data Arrived at EDR: 12/18/2012
Date Made Active in Reports: 01/25/2013
Number of Days to Update: 38

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 01/31/2013
Next Scheduled EDR Contact: 04/01/2013
Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities
Registered Aboveground Storage Tanks.

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: State Water Resources Control Board
Telephone: 916-327-5092
Last EDR Contact: 01/07/2013
Next Scheduled EDR Contact: 04/22/2013
Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 08/01/2012
Date Data Arrived at EDR: 08/02/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 75

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/28/2013
Next Scheduled EDR Contact: 05/13/2013
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: 09/06/2012
Date Data Arrived at EDR: 09/07/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 39

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 01/28/2013
Next Scheduled EDR Contact: 05/13/2013
Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 08/27/2012
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: 303-312-6137
Last EDR Contact: 01/28/2013
Next Scheduled EDR Contact: 05/13/2013
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: 08/17/2012
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 7
Telephone: 913-551-7003
Last EDR Contact: 01/28/2013
Next Scheduled EDR Contact: 05/13/2013
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: 01/28/2013
Next Scheduled EDR Contact: 05/13/2013
Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 08/02/2012
Date Data Arrived at EDR: 08/03/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 94

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 01/28/2013
Next Scheduled EDR Contact: 05/13/2013
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 12/14/2011
Date Data Arrived at EDR: 12/15/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 26

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 01/28/2013
Next Scheduled EDR Contact: 05/13/2013
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: 04/12/2012
Date Data Arrived at EDR: 05/02/2012
Date Made Active in Reports: 07/16/2012
Number of Days to Update: 75

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 02/01/2013
Next Scheduled EDR Contact: 05/13/2013
Data Release Frequency: Varies

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
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: 01/14/2013
Next Scheduled EDR Contact: 04/29/2013
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

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

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: 12/05/2012
Date Data Arrived at EDR: 12/06/2012
Date Made Active in Reports: 01/15/2013
Number of Days to Update: 40

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 03/14/2013
Next Scheduled EDR Contact: 05/20/2013
Data Release Frequency: Quarterly

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 09/28/2012
Date Data Arrived at EDR: 10/02/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 14

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 01/04/2013
Next Scheduled EDR Contact: 04/15/2013
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: 12/10/2012
Date Data Arrived at EDR: 12/11/2012
Date Made Active in Reports: 12/20/2012
Number of Days to Update: 9

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 02/14/2013
Next Scheduled EDR Contact: 04/08/2013
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 01/28/2013
Next Scheduled EDR Contact: 05/13/2013
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: 02/11/2013
Next Scheduled EDR Contact: 05/27/2013
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 12/18/2012
Date Data Arrived at EDR: 12/20/2012
Date Made Active in Reports: 01/25/2013
Number of Days to Update: 36

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/20/2012
Next Scheduled EDR Contact: 04/01/2013
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 11/15/2012
Date Data Arrived at EDR: 11/20/2012
Date Made Active in Reports: 01/04/2013
Number of Days to Update: 45

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 03/04/2013
Next Scheduled EDR Contact: 06/03/2013
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 02/05/2013
Next Scheduled EDR Contact: 05/20/2013
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs
A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 11/14/2012
Date Data Arrived at EDR: 12/11/2012
Date Made Active in Reports: 02/15/2013
Number of Days to Update: 66

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/04/2013
Next Scheduled EDR Contact: 06/17/2013
Data Release Frequency: Quarterly

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 12/05/2012
Date Data Arrived at EDR: 12/06/2012
Date Made Active in Reports: 01/15/2013
Number of Days to Update: 40

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 03/14/2013
Next Scheduled EDR Contact: 05/20/2013
Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 06/30/2012
Date Data Arrived at EDR: 09/12/2012
Date Made Active in Reports: 10/03/2012
Number of Days to Update: 21

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 12/28/2012
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 131

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

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: 03/04/2013
Next Scheduled EDR Contact: 06/17/2013
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
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.

Date of Government Version: 02/16/2012
Date Data Arrived at EDR: 03/26/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 01/28/2013
Next Scheduled EDR Contact: 05/13/2013
Data Release Frequency: Varies

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 12/17/2012
Date Data Arrived at EDR: 12/18/2012
Date Made Active in Reports: 01/21/2013
Number of Days to Update: 34

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 03/11/2013
Next Scheduled EDR Contact: 06/24/2013
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: 12/10/2012
Date Data Arrived at EDR: 12/11/2012
Date Made Active in Reports: 01/15/2013
Number of Days to Update: 35

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 03/12/2013
Next Scheduled EDR Contact: 06/24/2013
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 55

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Annually

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 03/28/2012
Date Data Arrived at EDR: 05/01/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 24

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 01/29/2013
Next Scheduled EDR Contact: 05/13/2013
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: 12/17/2012
Date Data Arrived at EDR: 12/17/2012
Date Made Active in Reports: 01/21/2013
Number of Days to Update: 35

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 01/31/2013
Next Scheduled EDR Contact: 04/01/2013
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing

The State Water Resources Control Board and nine Regional Water Quality Control Boards partner with the Department of Defense (DoD) through the Defense and State Memorandum of Agreement (DSMOA) to oversee the investigation and remediation of water quality issues at military facilities.

Date of Government Version: 12/17/2012
Date Data Arrived at EDR: 12/17/2012
Date Made Active in Reports: 01/25/2013
Number of Days to Update: 39

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 01/31/2013
Next Scheduled EDR Contact: 04/01/2013
Data Release Frequency: Quarterly

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: 02/12/2013
Date Data Arrived at EDR: 02/15/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 12

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 02/15/2013
Next Scheduled EDR Contact: 04/15/2013
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: 02/05/2013
Next Scheduled EDR Contact: 05/20/2013
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
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: 01/17/2013
Next Scheduled EDR Contact: 04/29/2013
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2011
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: 03/11/2013
Next Scheduled EDR Contact: 06/24/2013
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 01/15/2013
Date Made Active in Reports: 03/13/2013
Number of Days to Update: 57

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 12/28/2012
Next Scheduled EDR Contact: 04/15/2013
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: 11/02/2012
Date Data Arrived at EDR: 12/11/2012
Date Made Active in Reports: 03/13/2013
Number of Days to Update: 92

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 03/13/2013
Next Scheduled EDR Contact: 06/24/2013
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 02/25/2013
Next Scheduled EDR Contact: 06/10/2013
Data Release Frequency: Varies

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/18/2011
Date Data Arrived at EDR: 09/08/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 21

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 03/06/2013
Next Scheduled EDR Contact: 06/17/2013
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 09/01/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 131

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 02/26/2013
Next Scheduled EDR Contact: 06/10/2013
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 64

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/28/2012
Next Scheduled EDR Contact: 04/08/2013
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: 02/25/2013
Next Scheduled EDR Contact: 06/10/2013
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
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: 02/25/2013
Next Scheduled EDR Contact: 06/10/2013
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
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.

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: 01/28/2013
Next Scheduled EDR Contact: 05/13/2013
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: 01/17/2013
Next Scheduled EDR Contact: 04/29/2013
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 11/01/2010
Date Data Arrived at EDR: 11/10/2010
Date Made Active in Reports: 02/16/2011
Number of Days to Update: 98

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 01/16/2013
Next Scheduled EDR Contact: 04/29/2013
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: 06/21/2011
Date Data Arrived at EDR: 07/15/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 60

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 03/11/2013
Next Scheduled EDR Contact: 06/24/2013
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 10/02/2012
Date Data Arrived at EDR: 10/02/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 34

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 01/09/2013
Next Scheduled EDR Contact: 04/22/2013
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: 10/23/2011
Date Data Arrived at EDR: 12/13/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 79

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 03/12/2013
Next Scheduled EDR Contact: 06/24/2013
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

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: 01/28/2013
Next Scheduled EDR Contact: 05/13/2013
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: 12/31/2009
Date Data Arrived at EDR: 03/01/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 62

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 02/26/2013
Next Scheduled EDR Contact: 06/10/2013
Data Release Frequency: Biennially

CA BOND EXP. PLAN: Bond Expenditure Plan

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

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 11/19/2012
Date Data Arrived at EDR: 11/19/2012
Date Made Active in Reports: 01/15/2013
Number of Days to Update: 57

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 02/18/2013
Next Scheduled EDR Contact: 06/03/2013
Data Release Frequency: Quarterly

UIC: UIC Listing

A listing of underground control injection wells.

Date of Government Version: 10/17/2012
Date Data Arrived at EDR: 12/21/2012
Date Made Active in Reports: 01/25/2013
Number of Days to Update: 35

Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 12/21/2012
Next Scheduled EDR Contact: 12/31/2012
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: 01/02/2013
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: 04/15/2013
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: 12/18/2012
Next Scheduled EDR Contact: 04/08/2013
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: 12/11/2012
Date Data Arrived at EDR: 12/12/2012
Date Made Active in Reports: 01/04/2013
Number of Days to Update: 23

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 03/11/2013
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Annually

WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
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: 12/28/2012
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Varies

ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 11/16/2012
Date Data Arrived at EDR: 11/20/2012
Date Made Active in Reports: 01/21/2013
Number of Days to Update: 62

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 01/08/2013
Next Scheduled EDR Contact: 05/13/2013
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: 12/31/2011
Date Data Arrived at EDR: 06/22/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 14

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 01/14/2013
Next Scheduled EDR Contact: 04/29/2013
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: 12/31/2008
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 10/18/2010
Number of Days to Update: 19

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 12/28/2012
Next Scheduled EDR Contact: 04/08/2013
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: 01/17/2013
Next Scheduled EDR Contact: 04/29/2013
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: 01/21/2013
Next Scheduled EDR Contact: 05/06/2013
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information
All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 11/20/2012
Date Data Arrived at EDR: 11/30/2012
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 02/19/2013
Next Scheduled EDR Contact: 06/03/2013
Data Release Frequency: Quarterly

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011
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: 02/01/2013
Next Scheduled EDR Contact: 05/13/2013
Data Release Frequency: Varies

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 12/18/2012
Date Data Arrived at EDR: 12/20/2012
Date Made Active in Reports: 01/25/2013
Number of Days to Update: 36

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/20/2012
Next Scheduled EDR Contact: 04/01/2013
Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 12/07/2012
Date Data Arrived at EDR: 12/12/2012
Date Made Active in Reports: 01/15/2013
Number of Days to Update: 34

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 03/11/2013
Next Scheduled EDR Contact: 06/24/2013
Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 01/15/2013
Next Scheduled EDR Contact: 04/29/2013
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 08/17/2010
Date Data Arrived at EDR: 01/03/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 77

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 03/15/2013
Next Scheduled EDR Contact: 06/24/2013
Data Release Frequency: Varies

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 01/15/2013
Date Data Arrived at EDR: 01/15/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 38

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 01/15/2013
Next Scheduled EDR Contact: 04/29/2013
Data Release Frequency: Quarterly

HWP: EnviroStor Permitted Facilities Listing

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

Date of Government Version: 11/26/2012
Date Data Arrived at EDR: 11/28/2012
Date Made Active in Reports: 01/09/2013
Number of Days to Update: 42

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/26/2013
Next Scheduled EDR Contact: 06/10/2013
Data Release Frequency: Quarterly

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 11/19/2012
Date Data Arrived at EDR: 11/20/2012
Date Made Active in Reports: 01/04/2013
Number of Days to Update: 45

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 02/18/2013
Next Scheduled EDR Contact: 06/03/2013
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing
Financial Assurance information

Date of Government Version: 03/01/2007
Date Data Arrived at EDR: 06/01/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 28

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 02/01/2013
Next Scheduled EDR Contact: 05/13/2013
Data Release Frequency: Varies

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: 02/15/2013
Next Scheduled EDR Contact: 05/27/2013
Data Release Frequency: Varies

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: 01/17/2013
Next Scheduled EDR Contact: 04/29/2013
Data Release Frequency: N/A

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 12/02/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/13/2013
Number of Days to Update: 69

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Quarterly

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: 02/25/2013
Next Scheduled EDR Contact: 06/10/2013
Data Release Frequency: Quarterly

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)
The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 11/15/2012
Date Data Arrived at EDR: 11/16/2012
Date Made Active in Reports: 02/15/2013
Number of Days to Update: 91

Source: EPA
Telephone: 202-564-5962
Last EDR Contact: 12/28/2012
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data
A listing of minor source facilities.

Date of Government Version: 11/15/2012
Date Data Arrived at EDR: 11/16/2012
Date Made Active in Reports: 02/15/2013
Number of Days to Update: 91

Source: EPA
Telephone: 202-564-5962
Last EDR Contact: 12/28/2012
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Annually

EPA WATCH LIST: EPA WATCH LIST
EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/13/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 36

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 02/12/2013
Next Scheduled EDR Contact: 05/27/2013
Data Release Frequency: Quarterly

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

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

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: 01/16/2013
Date Data Arrived at EDR: 01/17/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 36

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 12/28/2012
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 01/16/2013
Date Data Arrived at EDR: 01/17/2013
Date Made Active in Reports: 01/31/2013
Number of Days to Update: 14

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 12/28/2012
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA Facility List
Cupa Facility List

Date of Government Version: 12/20/2012
Date Data Arrived at EDR: 01/04/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 49

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 03/11/2013
Next Scheduled EDR Contact: 06/24/2013
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA Facility Listing
Cupa facility list.

Date of Government Version: 10/16/2012
Date Data Arrived at EDR: 10/17/2012
Date Made Active in Reports: 11/13/2012
Number of Days to Update: 27

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 01/28/2013
Next Scheduled EDR Contact: 04/29/2013
Data Release Frequency: Varies

CALVERAS COUNTY:

CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 12/21/2012
Date Data Arrived at EDR: 01/04/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 49

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 12/20/2012
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 01/04/2013
Date Data Arrived at EDR: 01/14/2013
Date Made Active in Reports: 03/01/2013
Number of Days to Update: 46

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 02/11/2013
Next Scheduled EDR Contact: 05/27/2013
Data Release Frequency: Varies

CONTRA COSTA COUNTY:

Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 11/27/2012
Date Data Arrived at EDR: 11/28/2012
Date Made Active in Reports: 01/15/2013
Number of Days to Update: 48

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 02/04/2013
Next Scheduled EDR Contact: 05/20/2013
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA Facility List
Cupa Facility list

Date of Government Version: 01/09/2013
Date Data Arrived at EDR: 01/10/2013
Date Made Active in Reports: 02/25/2013
Number of Days to Update: 46

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 01/08/2013
Next Scheduled EDR Contact: 05/20/2013
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 11/19/2012
Date Data Arrived at EDR: 11/20/2012
Date Made Active in Reports: 01/15/2013
Number of Days to Update: 56

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 02/04/2013
Next Scheduled EDR Contact: 05/20/2013
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA Resources List
Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 02/07/2013
Date Data Arrived at EDR: 02/08/2013
Date Made Active in Reports: 03/01/2013
Number of Days to Update: 21

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 02/08/2013
Next Scheduled EDR Contact: 04/29/2013
Data Release Frequency: Semi-Annually

HUMBOLDT COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 12/21/2012
Date Data Arrived at EDR: 12/21/2012
Date Made Active in Reports: 01/22/2013
Number of Days to Update: 32

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 02/25/2013
Next Scheduled EDR Contact: 06/10/2013
Data Release Frequency: Varies

IMPERIAL COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 05/01/2012
Date Data Arrived at EDR: 05/02/2012
Date Made Active in Reports: 06/11/2012
Number of Days to Update: 40

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 01/28/2013
Next Scheduled EDR Contact: 05/13/2013
Data Release Frequency: Varies

INYO COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 06/26/2012
Date Data Arrived at EDR: 06/27/2012
Date Made Active in Reports: 08/17/2012
Number of Days to Update: 51

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 02/25/2013
Next Scheduled EDR Contact: 06/10/2013
Data Release Frequency: Varies

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 08/31/2010
Date Data Arrived at EDR: 09/01/2010
Date Made Active in Reports: 09/30/2010
Number of Days to Update: 29

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 02/11/2013
Next Scheduled EDR Contact: 05/27/2013
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA Facility List
A listing of sites included in the county?s Certified Unified Program Agency database. California?s Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 07/10/2012
Date Data Arrived at EDR: 07/12/2012
Date Made Active in Reports: 09/06/2012
Number of Days to Update: 56

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 02/12/2013
Next Scheduled EDR Contact: 06/10/2013
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: 01/22/2013
Next Scheduled EDR Contact: 05/06/2013
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: 12/18/2012
Next Scheduled EDR Contact: 04/01/2013
Data Release Frequency: No Update Planned

HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 10/31/2012
Date Data Arrived at EDR: 12/28/2012
Date Made Active in Reports: 01/25/2013
Number of Days to Update: 28

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 07/16/2012
Next Scheduled EDR Contact: 10/26/2012
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 10/22/2012
Date Data Arrived at EDR: 10/23/2012
Date Made Active in Reports: 11/30/2012
Number of Days to Update: 38

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 01/22/2013
Next Scheduled EDR Contact: 05/06/2013
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: 02/18/2013
Next Scheduled EDR Contact: 06/03/2013
Data Release Frequency: Varies

Site Mitigation List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 12/29/2011
Date Data Arrived at EDR: 02/02/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 19

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 01/21/2013
Next Scheduled EDR Contact: 05/06/2013
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 10/23/2012
Date Data Arrived at EDR: 10/25/2012
Date Made Active in Reports: 11/30/2012
Number of Days to Update: 36

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 01/21/2013
Next Scheduled EDR Contact: 05/06/2013
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: 01/29/2013
Next Scheduled EDR Contact: 05/13/2013
Data Release Frequency: Annually

City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 01/14/2013
Date Data Arrived at EDR: 01/15/2013
Date Made Active in Reports: 01/31/2013
Number of Days to Update: 16

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 01/14/2013
Next Scheduled EDR Contact: 04/29/2013
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA Facility List

A listing of sites included in the county?s Certified Unified Program Agency database. California?s Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 12/18/2012
Date Data Arrived at EDR: 12/20/2012
Date Made Active in Reports: 02/08/2013
Number of Days to Update: 50

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 02/25/2013
Next Scheduled EDR Contact: 06/10/2013
Data Release Frequency: Varies

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 11/26/2012
Date Data Arrived at EDR: 11/28/2012
Date Made Active in Reports: 01/21/2013
Number of Days to Update: 54

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 01/21/2013
Next Scheduled EDR Contact: 04/22/2013
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 12/18/2012
Date Data Arrived at EDR: 12/21/2012
Date Made Active in Reports: 03/05/2013
Number of Days to Update: 74

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 02/25/2013
Next Scheduled EDR Contact: 06/10/2013
Data Release Frequency: Varies

MONO COUNTY:

CUPA Facility List

CUPA Facility List

Date of Government Version: 12/26/2012
Date Data Arrived at EDR: 01/08/2013
Date Made Active in Reports: 02/25/2013
Number of Days to Update: 48

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 03/04/2013
Next Scheduled EDR Contact: 06/17/2013
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA Facility Listing

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 12/18/2012
Date Data Arrived at EDR: 12/20/2012
Date Made Active in Reports: 02/08/2013
Number of Days to Update: 50

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 02/25/2013
Next Scheduled EDR Contact: 06/10/2013
Data Release Frequency: Varies

NAPA COUNTY:

Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 12/05/2011
Date Data Arrived at EDR: 12/06/2011
Date Made Active in Reports: 02/07/2012
Number of Days to Update: 63

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 03/04/2013
Next Scheduled EDR Contact: 06/17/2013
Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 01/15/2008
Date Data Arrived at EDR: 01/16/2008
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 23

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 03/04/2013
Next Scheduled EDR Contact: 06/17/2013
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 11/05/2012
Date Data Arrived at EDR: 11/06/2012
Date Made Active in Reports: 11/30/2012
Number of Days to Update: 24

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 03/08/2013
Next Scheduled EDR Contact: 05/20/2013
Data Release Frequency: Varies

ORANGE COUNTY:

List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 11/05/2012
Date Data Arrived at EDR: 11/16/2012
Date Made Active in Reports: 12/03/2012
Number of Days to Update: 17

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/13/2013
Next Scheduled EDR Contact: 05/27/2013
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 11/05/2012
Date Data Arrived at EDR: 11/16/2012
Date Made Active in Reports: 12/03/2012
Number of Days to Update: 17

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/12/2013
Next Scheduled EDR Contact: 05/27/2013
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 11/05/2012
Date Data Arrived at EDR: 11/15/2012
Date Made Active in Reports: 12/03/2012
Number of Days to Update: 18

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/12/2013
Next Scheduled EDR Contact: 05/27/2013
Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 12/11/2012
Date Data Arrived at EDR: 12/12/2012
Date Made Active in Reports: 01/15/2013
Number of Days to Update: 34

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 03/11/2013
Next Scheduled EDR Contact: 06/24/2013
Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 10/16/2012
Date Data Arrived at EDR: 10/18/2012
Date Made Active in Reports: 11/07/2012
Number of Days to Update: 20

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/26/2012
Next Scheduled EDR Contact: 04/08/2013
Data Release Frequency: Quarterly

Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 10/16/2012
Date Data Arrived at EDR: 10/18/2012
Date Made Active in Reports: 11/07/2012
Number of Days to Update: 20

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/26/2012
Next Scheduled EDR Contact: 04/08/2013
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: 11/29/2012
Date Data Arrived at EDR: 01/10/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 43

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 01/07/2013
Next Scheduled EDR Contact: 04/22/2013
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: 11/02/2012
Date Data Arrived at EDR: 01/15/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 38

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 01/07/2013
Next Scheduled EDR Contact: 04/22/2013
Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

Hazardous Material Permits
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 12/12/2012
Date Data Arrived at EDR: 12/18/2012
Date Made Active in Reports: 01/25/2013
Number of Days to Update: 38

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 02/11/2013
Next Scheduled EDR Contact: 05/27/2013
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 08/17/2012
Date Data Arrived at EDR: 08/20/2012
Date Made Active in Reports: 10/03/2012
Number of Days to Update: 44

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 03/08/2013
Next Scheduled EDR Contact: 06/24/2013
Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2012
Date Data Arrived at EDR: 11/06/2012
Date Made Active in Reports: 11/30/2012
Number of Days to Update: 24

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 01/28/2013
Next Scheduled EDR Contact: 05/13/2013
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: 03/12/2013
Next Scheduled EDR Contact: 06/24/2013
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: 02/11/2013
Next Scheduled EDR Contact: 05/27/2013
Data Release Frequency: Quarterly

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/29/2010
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: 02/11/2013
Next Scheduled EDR Contact: 05/27/2013
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 12/18/2012
Date Data Arrived at EDR: 12/21/2012
Date Made Active in Reports: 01/30/2013
Number of Days to Update: 40

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 01/22/2013
Next Scheduled EDR Contact: 04/08/2013
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA Facility List
Cupa Facility List.

Date of Government Version: 11/26/2012
Date Data Arrived at EDR: 11/26/2012
Date Made Active in Reports: 01/17/2013
Number of Days to Update: 52

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 02/25/2013
Next Scheduled EDR Contact: 06/10/2013
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: 01/02/2013
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/12/2012
Next Scheduled EDR Contact: 04/01/2013
Data Release Frequency: Annually

Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 12/12/2012
Date Data Arrived at EDR: 12/17/2012
Date Made Active in Reports: 01/22/2013
Number of Days to Update: 36

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/12/2012
Next Scheduled EDR Contact: 04/01/2013
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 03/12/2013
Next Scheduled EDR Contact: 06/10/2013
Data Release Frequency: Varies

SANTA CLARA COUNTY:

Cupa Facility List
Cupa facility list

Date of Government Version: 01/08/2013
Date Data Arrived at EDR: 01/10/2013
Date Made Active in Reports: 02/08/2013
Number of Days to Update: 29

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 03/04/2013
Next Scheduled EDR Contact: 06/17/2013
Data Release Frequency: Varies

HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 12/03/2012
Date Data Arrived at EDR: 12/05/2012
Date Made Active in Reports: 01/15/2013
Number of Days to Update: 41

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 03/04/2013
Next Scheduled EDR Contact: 06/17/2013
Data Release Frequency: Annually

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/13/2012
Date Data Arrived at EDR: 11/14/2012
Date Made Active in Reports: 12/03/2012
Number of Days to Update: 19

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 02/11/2013
Next Scheduled EDR Contact: 05/27/2013
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA Facility List

CUPA facility listing.

Date of Government Version: 11/29/2012
Date Data Arrived at EDR: 11/30/2012
Date Made Active in Reports: 01/15/2013
Number of Days to Update: 46

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 02/25/2013
Next Scheduled EDR Contact: 06/10/2013
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 11/27/2012
Date Data Arrived at EDR: 11/28/2012
Date Made Active in Reports: 01/17/2013
Number of Days to Update: 50

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 02/25/2013
Next Scheduled EDR Contact: 06/10/2013
Data Release Frequency: Varies

SOLANO COUNTY:

Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 12/12/2012
Date Data Arrived at EDR: 12/17/2012
Date Made Active in Reports: 01/22/2013
Number of Days to Update: 36

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 12/12/2012
Next Scheduled EDR Contact: 04/01/2013
Data Release Frequency: Quarterly

Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 12/12/2012
Date Data Arrived at EDR: 12/17/2012
Date Made Active in Reports: 01/25/2013
Number of Days to Update: 39

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 12/12/2012
Next Scheduled EDR Contact: 04/01/2013
Data Release Frequency: Quarterly

SONOMA COUNTY:

Cupa Facility List
Cupa Facility list

Date of Government Version: 01/10/2013
Date Data Arrived at EDR: 01/16/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 42

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 01/08/2013
Next Scheduled EDR Contact: 04/15/2013
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: 01/02/2013
Date Data Arrived at EDR: 01/02/2013
Date Made Active in Reports: 01/25/2013
Number of Days to Update: 23

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 12/28/2012
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 12/10/2012
Date Data Arrived at EDR: 12/11/2012
Date Made Active in Reports: 01/15/2013
Number of Days to Update: 35

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 03/11/2013
Next Scheduled EDR Contact: 06/24/2013
Data Release Frequency: Semi-Annually

TUOLUMNE COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 01/14/2013
Date Data Arrived at EDR: 01/16/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 42

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 01/04/2013
Next Scheduled EDR Contact: 04/29/2013
Data Release Frequency: Varies

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 03/30/2012
Date Data Arrived at EDR: 05/25/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 42

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 02/21/2013
Next Scheduled EDR Contact: 06/03/2013
Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
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: 01/07/2013
Next Scheduled EDR Contact: 04/22/2013
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: 02/18/2013
Next Scheduled EDR Contact: 06/03/2013
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: 10/29/2012
Date Data Arrived at EDR: 11/06/2012
Date Made Active in Reports: 12/03/2012
Number of Days to Update: 27

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 01/29/2013
Next Scheduled EDR Contact: 05/13/2013
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: 12/04/2012
Date Data Arrived at EDR: 12/20/2012
Date Made Active in Reports: 01/25/2013
Number of Days to Update: 36

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 12/17/2012
Next Scheduled EDR Contact: 04/01/2013
Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 12/19/2012
Date Data Arrived at EDR: 12/28/2012
Date Made Active in Reports: 01/30/2013
Number of Days to Update: 33

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 12/18/2012
Next Scheduled EDR Contact: 04/08/2013
Data Release Frequency: Annually

YUBA COUNTY:

CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 08/16/2012
Date Data Arrived at EDR: 08/16/2012
Date Made Active in Reports: 10/03/2012
Number of Days to Update: 48

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 02/18/2013
Next Scheduled EDR Contact: 05/20/2013
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 11/19/2012
Date Data Arrived at EDR: 11/19/2012
Date Made Active in Reports: 01/03/2013
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 02/18/2013
Next Scheduled EDR Contact: 06/03/2013
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: 01/15/2013
Next Scheduled EDR Contact: 04/29/2013
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: 02/01/2013
Date Data Arrived at EDR: 02/07/2013
Date Made Active in Reports: 03/15/2013
Number of Days to Update: 36

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 02/07/2013
Next Scheduled EDR Contact: 05/20/2013
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/23/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 57

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 01/21/2013
Next Scheduled EDR Contact: 05/06/2013
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 06/22/2012
Date Made Active in Reports: 07/31/2012
Number of Days to Update: 39

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 02/25/2013
Next Scheduled EDR Contact: 06/10/2013
Data Release Frequency: Annually

WI 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: 09/27/2012
Number of Days to Update: 70

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 12/13/2012
Next Scheduled EDR Contact: 04/01/2013
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data
Source: Rextag Strategies Corp.
Telephone: (281) 769-2247
U.S. Electric Transmission and Power Plants Systems Digital GIS Data

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

BROOKHURST STREET/ADAMS AVENUE INTERCHANGE
BROOKHURST STREET/ADAMS AVENUE INTERCHANGE
HUNTINGTON BEACH, CA 92646

TARGET PROPERTY COORDINATES

Latitude (North):	33.6724 - 33° 40' 20.64''
Longitude (West):	117.9539 - 117° 57' 14.04''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	411569.1
UTM Y (Meters):	3726048.0
Elevation:	13 ft. above sea level

USGS TOPOGRAPHIC MAP

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

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

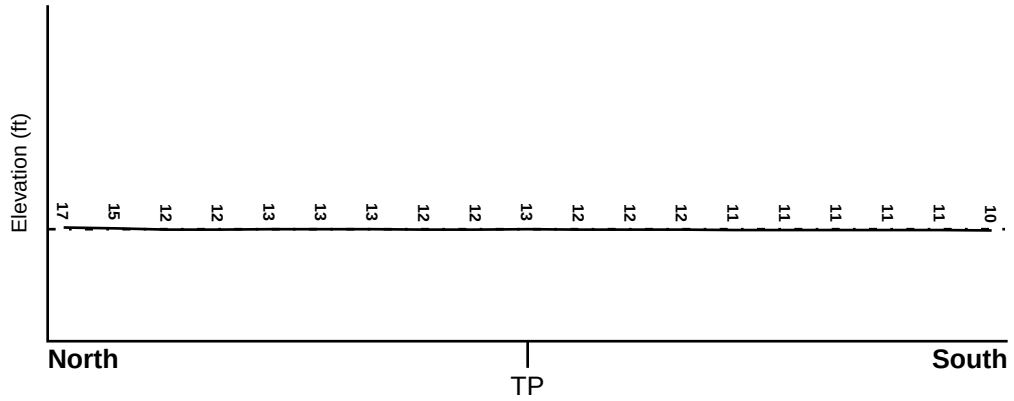
TOPOGRAPHIC INFORMATION

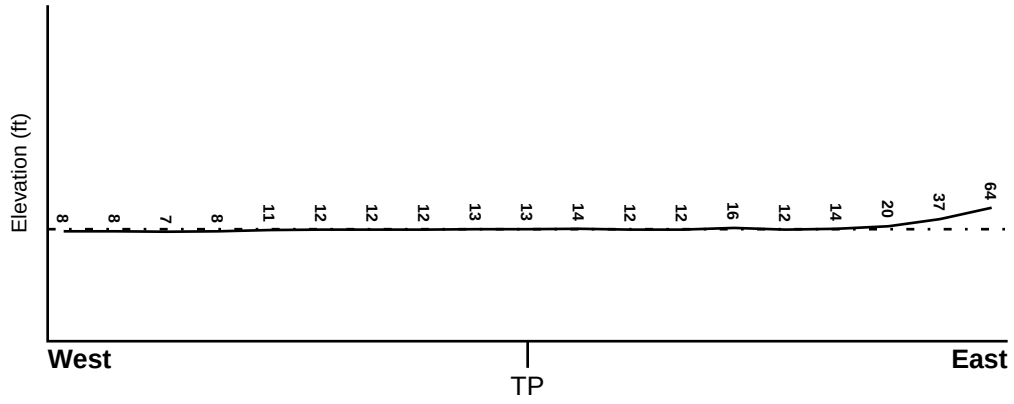
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: Undeterminable

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES





Target Property Elevation: 13 ft.

0 1/2 1 Miles

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
Status: Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
A1	0 - 1/8 Mile South	SW
A2	0 - 1/8 Mile South	S
M47	1/2 - 1 Mile West	Not Reported
M48	1/2 - 1 Mile West	Not Reported
N52	1/2 - 1 Mile North	SSW
N53	1/2 - 1 Mile North	SSW

For additional site information, refer to Physical Setting Source Map Findings.

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

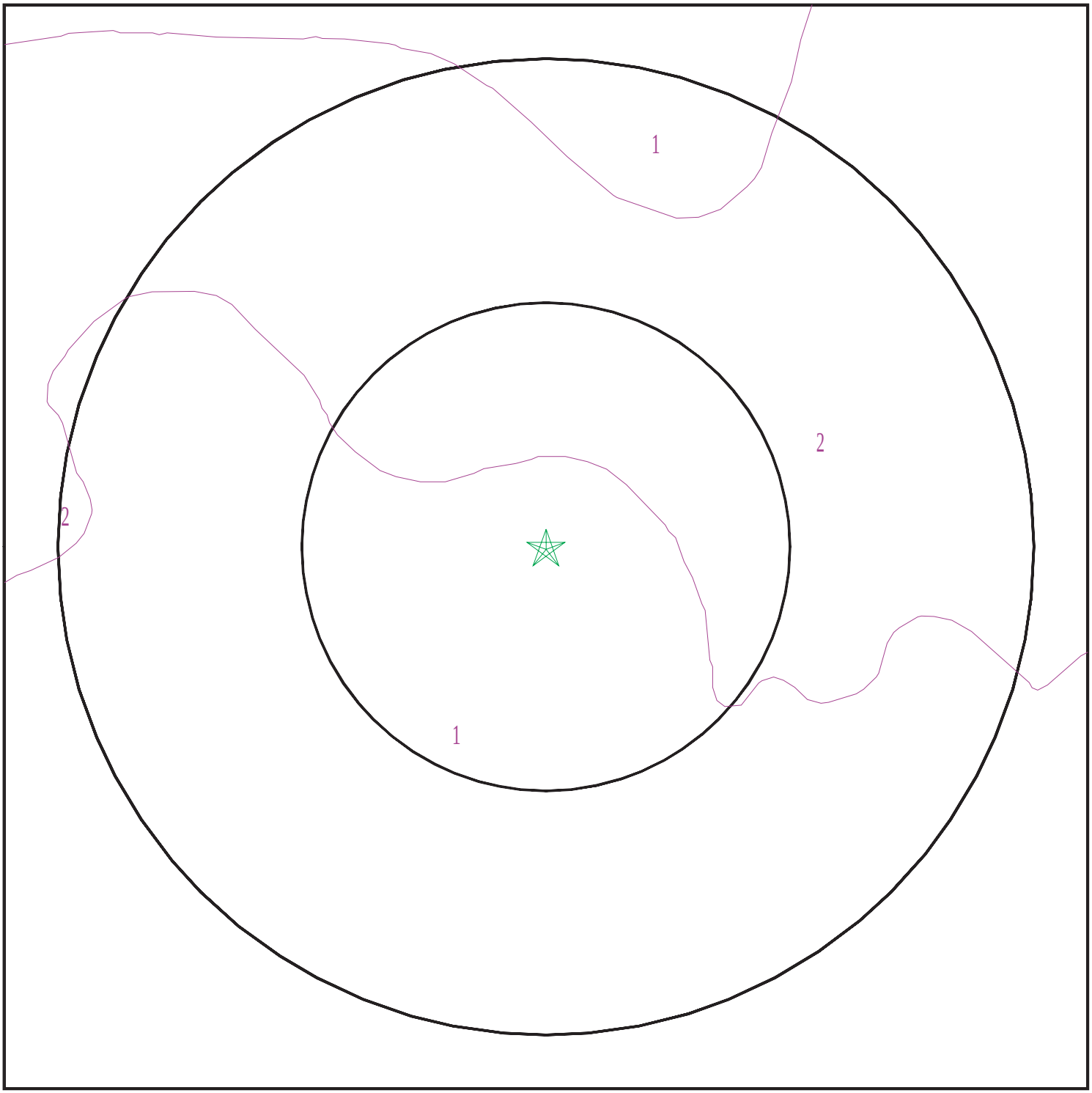
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 3546203.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	Brookhurst Street/Adams Avenue Interchange	CLIENT:	RBF Consulting
ADDRESS:	Brookhurst Street/Adams Avenue Interchange Huntington Beach CA 92646	CONTACT:	Kristen Bogue
		INQUIRY #:	3546203.2s
LAT/LONG:	33.6724 / 117.9539	DATE:	March 15, 2013 7:43 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: HUENEME

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class:
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	27 inches	fine sandy loam	Not reported	Not reported	Max: 42 Min: 14	Max: 8.4 Min: 7.4
2	27 inches	59 inches	stratified sand to silt loam	Not reported	Not reported	Max: 42 Min: 14	Max: 8.4 Min: 7.4

Soil Map ID: 2

Soil Component Name: BOLSA

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class:
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

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	silt loam	Not reported	Not reported	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9
2	11 inches	68 inches	silty clay loam	Not reported	Not reported	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A3	USGS3125346	0 - 1/8 Mile ESE
B4	USGS3125340	0 - 1/8 Mile SE
B5	USGS3125332	1/8 - 1/4 Mile SSE
C6	USGS3125331	1/8 - 1/4 Mile SE
C7	USGS3125326	1/8 - 1/4 Mile SSE
C8	USGS3125325	1/8 - 1/4 Mile SSE
9	USGS3125343	1/4 - 1/2 Mile WSW
10	USGS3125345	1/4 - 1/2 Mile East
D11	USGS3125365	1/4 - 1/2 Mile NE
D12	USGS3125363	1/4 - 1/2 Mile NE
13	USGS3125309	1/4 - 1/2 Mile South
E14	USGS3125199	1/4 - 1/2 Mile North
E15	USGS3125200	1/4 - 1/2 Mile North
16	USGS3125328	1/4 - 1/2 Mile ESE
17	USGS3125361	1/4 - 1/2 Mile WNW
E18	USGS3125208	1/4 - 1/2 Mile North
19	USGS3125214	1/2 - 1 Mile North
G21	USGS3125300	1/2 - 1 Mile South
G22	USGS3125299	1/2 - 1 Mile South

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
F23	USGS3125302	1/2 - 1 Mile SSE
24	USGS3125317	1/2 - 1 Mile SW
25	USGS3125349	1/2 - 1 Mile East
26	USGS3125209	1/2 - 1 Mile NW
27	USGS3125203	1/2 - 1 Mile NW
28	USGS3125304	1/2 - 1 Mile SE
29	USGS3125348	1/2 - 1 Mile East
H30	USGS3125197	1/2 - 1 Mile NE
H31	USGS3125198	1/2 - 1 Mile NE
I32	USGS3125204	1/2 - 1 Mile NW
I33	USGS3125210	1/2 - 1 Mile NW
J34	USGS3125306	1/2 - 1 Mile WSW
J35	USGS3125307	1/2 - 1 Mile WSW
J36	USGS3125305	1/2 - 1 Mile WSW
37	USGS3125292	1/2 - 1 Mile SW
K38	USGS3125344	1/2 - 1 Mile West
39	USGS3125469	1/2 - 1 Mile SSW
41	USGS3125289	1/2 - 1 Mile SE
42	USGS3125252	1/2 - 1 Mile North
44	USGS3125468	1/2 - 1 Mile SSE
L46	USGS3125472	1/2 - 1 Mile SSW
49	USGS3125356	1/2 - 1 Mile East
N51	USGS3125263	1/2 - 1 Mile North

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
50	CA3000741	1/2 - 1 Mile West

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
F20	CADW40000004951	1/2 - 1 Mile SSE
K40	CADW40000004994	1/2 - 1 Mile West
43	CADW40000004949	1/2 - 1 Mile SW
L45	CADW40000004919	1/2 - 1 Mile SSW

OTHER STATE DATABASE INFORMATION

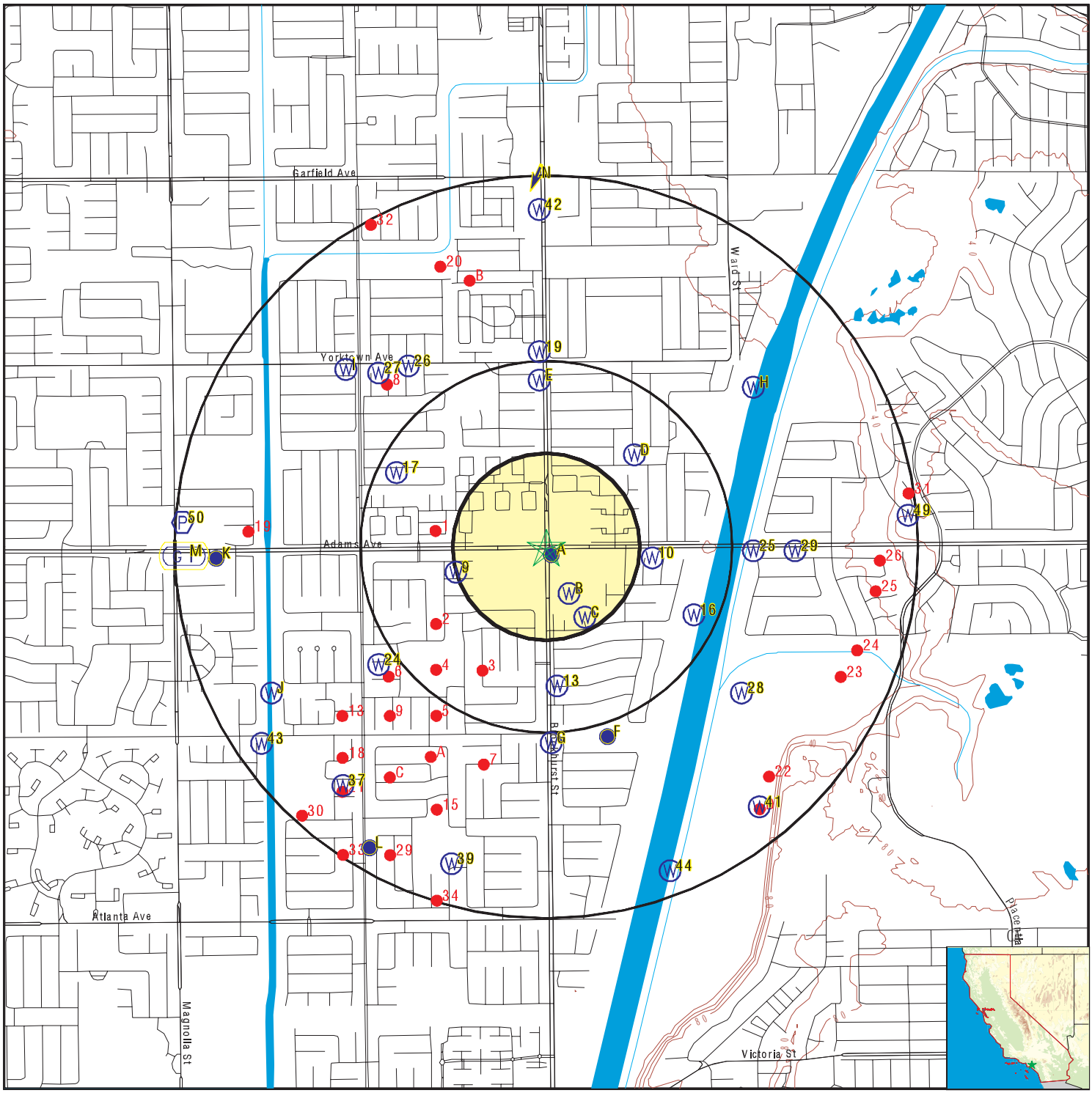
STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	CAOG9A000005676	1/4 - 1/2 Mile West
2	CAOG9A000005091	1/4 - 1/2 Mile SW
3	CAOG9A000004797	1/4 - 1/2 Mile SSW
4	CAOG9A000004801	1/4 - 1/2 Mile SW
5	CAOG9A000004591	1/2 - 1 Mile SSW

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
6	CAOG9A000004769	1/2 - 1 Mile SW
7	CAOG9A000004474	1/2 - 1 Mile SSW
8	CAOG9A000006364	1/2 - 1 Mile NW
9	CAOG9A000004590	1/2 - 1 Mile SW
A10	CAOG9A000004500	1/2 - 1 Mile SSW
A11	CAOG9A000004478	1/2 - 1 Mile SSW
B12	CAOG9A000006586	1/2 - 1 Mile NNW
13	CAOG9A000004589	1/2 - 1 Mile SW
C14	CAOG9A000004476	1/2 - 1 Mile SW
15	CAOG9A000004353	1/2 - 1 Mile SSW
B16	CAOG9A000006667	1/2 - 1 Mile NNW
C17	CAOG9A000004434	1/2 - 1 Mile SSW
18	CAOG9A000004486	1/2 - 1 Mile SW
19	CAOG9A000005671	1/2 - 1 Mile West
20	CAOG9A000006668	1/2 - 1 Mile NNW
21	CAOG9A000004433	1/2 - 1 Mile SW
22	CAOG9A000004450	1/2 - 1 Mile SE
23	CAOG9A000004765	1/2 - 1 Mile ESE
24	CAOG9A000004897	1/2 - 1 Mile ESE
25	CAOG9A000005319	1/2 - 1 Mile East
26	CAOG9A000005508	1/2 - 1 Mile East
D27	CAOG9A000004351	1/2 - 1 Mile SE
D28	CAOG9A000004360	1/2 - 1 Mile SE
29	CAOG9A000004193	1/2 - 1 Mile SSW
30	CAOG9A000004317	1/2 - 1 Mile SW
31	CAOG9A000005912	1/2 - 1 Mile East
32	CAOG9A000006800	1/2 - 1 Mile NNW
33	CAOG9A000004194	1/2 - 1 Mile SSW
34	CAOG9A000004096	1/2 - 1 Mile SSW

PHYSICAL SETTING SOURCE MAP - 3546203.2s



County Boundary
Major Roads
Contour Lines
Earthquake Fault Lines
Earthquake epicenter, Richter 5 or greater
Water Wells
Public Water Supply Wells
Cluster of Multiple Icons

Groundwater Flow Direction
Indeterminate Groundwater Flow at Location
Groundwater Flow Varies at Location
Closest Hydrogeological Data
Oil, gas or related wells

SITE NAME:	Brookhurst Street/Adams Avenue Interchange	CLIENT:	RBF Consulting
ADDRESS:	Brookhurst Street/Adams Avenue Interchange Huntington Beach CA 92646	CONTACT:	Kristen Bogue
		INQUIRY #:	3546203.2s
LAT/LONG:	33.6724 / 117.9539	DATE:	March 15, 2013 7:43 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
A1 **South** **0 - 1/8 Mile** **Higher**	Site ID:	083001169T	**AQUIFLOW**	**65090**
	Groundwater Flow:	SW		
	Shallow Water Depth:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	10		
	Date:	01/23/1989		
A2 **South** **0 - 1/8 Mile** **Higher**	Site ID:	08300676T	**AQUIFLOW**	**65110**
	Groundwater Flow:	S		
	Shallow Water Depth:	10.75		
	Deep Water Depth:	13.74		
	Average Water Depth:	Not Reported		
	Date:	08/10/1990		

A3
ESE
0 - 1/8 Mile
Higher

FED USGS **USGS3125346**

Agency cd:	USGS	Site no:	334019117570801
Site name:	006S010W08D008S		
Latitude:	334019	EDR Site id:	USGS3125346
Longitude:	1175708	Dec lat:	33.67196367
Dec lon:	-117.95311416	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	059
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	0		
Altitude datum:	Not Reported		
Hydrologic:	Santa Ana. California. Area = 1680 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1951-10-24
Water quality data end date:	1958-10-01	Water quality data count:	14
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

Map ID Direction Distance Elevation	Database	EDR ID Number
B4 **SE** **0 - 1/8 Mile** **Lower**	**FED USGS**	**USGS3125340**

Agency cd:	USGS	Site no:	334016117570701
Site name:	006S010W08D009S		
Latitude:	334016	EDR Site id:	USGS3125340
Longitude:	1175707	Dec lat:	33.67113037
Dec lon:	-117.95283637	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	059
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	0		
Altitude datum:	Not Reported		
Hydrologic:	Santa Ana. California. Area = 1680 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1952-02-26
Water quality data end date:	1958-10-01	Water quality data count:	12
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

B5 **SSE** **1/8 - 1/4 Mile** **Lower**	**FED USGS**	**USGS3125332**

Agency cd:	USGS	Site no:	334012117570701
Site name:	006S010W08D002S		
Latitude:	334012	EDR Site id:	USGS3125332
Longitude:	1175707	Dec lat:	33.67001929
Dec lon:	-117.95283637	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	059
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported

Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	0		
Altitude datum:	Not Reported		
Hydrologic:	Santa Ana. California. Area = 1680 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1957-12-10
Water quality data end date:	1957-12-10	Water quality data count:	2
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

C6
SE **FED USGS** **USGS3125331**
1/8 - 1/4 Mile
Lower

Agency cd:	USGS	Site no:	334012117570301
Site name:	006S010W08D006S		
Latitude:	334012	EDR Site id:	USGS3125331
Longitude:	1175703	Dec lat:	33.6700193
Dec lon:	-117.95172523	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	059
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	0		
Altitude datum:	Not Reported		
Hydrologic:	Santa Ana. California. Area = 1680 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

Peak flow data count:	0	Water quality data begin date:	1957-12-10
Water quality data end date:	1957-12-10	Water quality data count:	1
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

C7
SSE **FED USGS** **USGS3125326**
1/8 - 1/4 Mile
Lower

Agency cd:	USGS	Site no:	334010117570701
Site name:	006S010W08D004S		
Latitude:	334010	EDR Site id:	USGS3125326
Longitude:	1175707	Dec lat:	33.66946376
Dec lon:	-117.95283637	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	059
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	0		
Altitude datum:	Not Reported		
Hydrologic:	Santa Ana. California. Area = 1680 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1951-11-14
Water quality data end date:	1957-12-13	Water quality data count:	2
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

C8
SSE **FED USGS** **USGS3125325**
1/8 - 1/4 Mile
Lower

Agency cd:	USGS	Site no:	334010117570301
Site name:	006S010W08D007S		
Latitude:	334010	EDR Site id:	USGS3125325
Longitude:	1175703	Dec lat:	33.66946377
Dec lon:	-117.95172523	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	059
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	0		
Altitude datum:	Not Reported		
Hydrologic:	Santa Ana. California. Area = 1680 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1957-12-13
Water quality data end date:	1957-12-13	Water quality data count:	1
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

9
WSW
1/4 - 1/2 Mile
Lower

FED USGS **USGS3125343**

Agency cd:	USGS	Site no:	334017117572601
Site name:	006S010W07B002S		
Latitude:	334017	EDR Site id:	USGS3125343
Longitude:	1175726	Dec lat:	33.67140809
Dec lon:	-117.95811429	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	059
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	0		
Altitude datum:	Not Reported		
Hydrologic:	Santa Ana. California. Area = 1680 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST

Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1957-03-26
Water quality data end date:	1964-04-22	Water quality data count:	10
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

10
East **FED USGS** **USGS3125345**
1/4 - 1/2 Mile
Lower

Agency cd:	USGS	Site no:	334019117565301
Site name:	006S010W08C001S		
Latitude:	334019	EDR Site id:	USGS3125345
Longitude:	1175653	Dec lat:	33.67196371
Dec lon:	-117.94894738	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	059
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	0		
Altitude datum:	Not Reported		
Hydrologic:	Santa Ana. California. Area = 1680 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1952-03-10
Water quality data end date:	1952-03-10	Water quality data count:	1
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

Map ID Direction Distance Elevation	Database	EDR ID Number
D11 **NE** **1/4 - 1/2 Mile** **Higher**	**FED USGS**	**USGS3125365**

Agency cd:	USGS	Site no:	334034117565701
Site name:	006S010W05M001S		
Latitude:	334034	EDR Site id:	USGS3125365
Longitude:	1175657	Dec lat:	33.67613023
Dec lon:	-117.95005852	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	059
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	0		
Altitude datum:	Not Reported		
Hydrologic:	Santa Ana. California. Area = 1680 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1958-04-23
Water quality data end date:	1959-09-04	Water quality data count:	5
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

D12 **NE** **1/4 - 1/2 Mile** **Higher**	**FED USGS**	**USGS3125363**

Agency cd:	USGS	Site no:	334033117565501
Site name:	006S010W05N002S		
Latitude:	334033	EDR Site id:	USGS3125363
Longitude:	1175655	Dec lat:	33.67585247
Dec lon:	-117.94950295	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	059
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported

Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	0		
Altitude datum:	Not Reported		
Hydrologic:	Santa Ana. California. Area = 1680 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1956-05-16
Water quality data end date:	1962-04-16	Water quality data count:	8
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

13
South **FED USGS** **USGS3125309**
1/4 - 1/2 Mile
Lower

Agency cd:	USGS	Site no:	334001117570901
Site name:	006S010W08E002S		
Latitude:	334001	EDR Site id:	USGS3125309
Longitude:	1175709	Dec lat:	33.66696383
Dec lon:	-117.95339194	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	059
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	0		
Altitude datum:	Not Reported		
Hydrologic:	Santa Ana. California. Area = 1680 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

Peak flow data count:	0	Water quality data begin date:	1957-12-13
Water quality data end date:	1958-01-03	Water quality data count:	2
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

E14
North
1/4 - 1/2 Mile
Higher

FED USGS **USGS3125199**

Agency cd:	USGS	Site no:	334043117571101
Site name:	006S010W06J001S		
Latitude:	334043	EDR Site id:	USGS3125199
Longitude:	1175711	Dec lat:	33.67863012
Dec lon:	-117.95394751	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	059
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	0		
Altitude datum:	Not Reported		
Hydrologic:	Santa Ana. California. Area = 1680 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1963-03-20
Water quality data end date:	1963-03-20	Water quality data count:	1
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

E15
North
1/4 - 1/2 Mile
Higher

FED USGS **USGS3125200**

Agency cd:	USGS	Site no:	334043117571102
Site name:	006S010W06J002S		
Latitude:	334043	EDR Site id:	USGS3125200
Longitude:	1175711	Dec lat:	33.67863012
Dec lon:	-117.95394751	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	059
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	0		
Altitude datum:	Not Reported		
Hydrologic:	Santa Ana. California. Area = 1680 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1963-03-19
Water quality data end date:	1964-04-08	Water quality data count:	4
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

16
ESE
1/4 - 1/2 Mile
Lower

FED USGS **USGS3125328**

Agency cd:	USGS	Site no:	334011117564601
Site name:	006S010W08C002S		
Latitude:	334011	EDR Site id:	USGS3125328
Longitude:	1175646	Dec lat:	33.66974158
Dec lon:	-117.94700288	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	059
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	0		
Altitude datum:	Not Reported		
Hydrologic:	Santa Ana. California. Area = 1680 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST

Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1962-11-28
Water quality data end date:	1964-04-07	Water quality data count:	5
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

17
WNW **FED USGS** **USGS3125361**
1/4 - 1/2 Mile
Lower

Agency cd:	USGS	Site no:	334031117573601
Site name:	006S010W06Q001S		
Latitude:	334031	EDR Site id:	USGS3125361
Longitude:	1175736	Dec lat:	33.67529683
Dec lon:	-117.96089214	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	059
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	0		
Altitude datum:	Not Reported		
Hydrologic:	Santa Ana. California. Area = 1680 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1957-03-26
Water quality data end date:	1957-03-26	Water quality data count:	1
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

Map ID Direction Distance Elevation	Database	EDR ID Number
E18 **North** **1/4 - 1/2 Mile** **Higher**	**FED USGS**	**USGS3125208**

Agency cd:	USGS	Site no:	334046117571401
Site name:	006S010W06H001S		
Latitude:	334046	EDR Site id:	USGS3125208
Longitude:	1175714	Dec lat:	33.67946342
Dec lon:	-117.95478087	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	059
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	0		
Altitude datum:	Not Reported		
Hydrologic:	Santa Ana. California. Area = 1680 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1959-01-26
Water quality data end date:	1964-10-27	Water quality data count:	8
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

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19 **North** **1/2 - 1 Mile** **Higher**	**FED USGS**	**USGS3125214**

Agency cd:	USGS	Site no:	334048117571201
Site name:	006S010W06H002S		
Latitude:	334048	EDR Site id:	USGS3125214
Longitude:	1175712	Dec lat:	33.68001896
Dec lon:	-117.9542253	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	059
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported

Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	0		
Altitude datum:	Not Reported		
Hydrologic:	Santa Ana. California. Area = 1680 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1951-11-14
Water quality data end date:	1964-08-06	Water quality data count:	19
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

F20
SSE
1/2 - 1 Mile
Lower

CA WELLS **CADW40000004951**

Longitude:	-117.9506
Latiude:	33.665
Stwellno:	06S10W08M004S
Districtco:	3
Welluseco:	Z
Countyco:	30
Gwcode:	800100
Site id:	CADW40000004951

G21
South
1/2 - 1 Mile
Lower

FED USGS **USGS3125300**

Agency cd:	USGS	Site no:	333953117571201
Site name:	006S010W07J004S		
Latitude:	333953	EDR Site id:	USGS3125300
Longitude:	1175712	Dec lat:	33.66474167
Dec lon:	-117.9542253	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	059
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported

Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	0		
Altitude datum:	Not Reported		
Hydrologic:	Santa Ana. California. Area = 1680 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1957-05-23
Water quality data end date:	1964-04-21	Water quality data count:	13
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

G22
South
1/2 - 1 Mile
Lower

FED USGS **USGS3125299**

Agency cd:	USGS	Site no:	333953117570801
Site name:	006S010W08M003S		
Latitude:	333953	EDR Site id:	USGS3125299
Longitude:	1175708	Dec lat:	33.66474168
Dec lon:	-117.95311416	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	059
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	0		
Altitude datum:	Not Reported		
Hydrologic:	Santa Ana. California. Area = 1680 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

Peak flow data count:	0	Water quality data begin date:	1957-04-08
Water quality data end date:	1957-04-08	Water quality data count:	1
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

F23
SSE
1/2 - 1 Mile
Lower

FED USGS **USGS3125302**

Agency cd:	USGS	Site no:	333954117570201
Site name:	006S010W08M004S		
Latitude:	333953.83	EDR Site id:	USGS3125302
Longitude:	1175702.09	Dec lat:	33.66495278
Dec lon:	-117.95058056	Coor meth:	G
Coor accr:	5	Latlong datum:	NAD83
Dec latlong datum:	NAD83	District:	06
State:	06	County:	059
Country:	US	Land net:	Not Reported
Location map:	NEWPORT BEACH	Map scale:	24000
Altitude:	9		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	2.5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Santa Ana. California. Area = 1680 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	19991103
Date inventoried:	19991103	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Unconfined single aquifer		
Aquifer:	ALLUVIUM (QUATERNARY)		
Well depth:	20	Hole depth:	20.5
Source of depth data:	driller		
Project number:	470652422		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1999-11-03
Water quality data end date:	2000-07-31	Water quality data count:	7
Ground water data begin date:	2000-09-26	Ground water data end date:	2000-09-26
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
2000-09-26	7.74	

24
SW
1/2 - 1 Mile
Lower

FED USGS **USGS3125317**

Agency cd:	USGS	Site no:	334004117573901
Site name:	006S010W07G001S		
Latitude:	334004	EDR Site id:	USGS3125317
Longitude:	1175739	Dec lat:	33.66779706
Dec lon:	-117.9617255	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	059
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	0		
Altitude datum:	Not Reported		
Hydrologic:	Santa Ana. California. Area = 1680 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1951-11-14
Water quality data end date:	1959-02-27	Water quality data count:	13
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

25
East
1/2 - 1 Mile
Lower

FED USGS **USGS3125349**

Agency cd:	USGS	Site no:	334020117563601
Site name:	006S010W08B003S		
Latitude:	334020	EDR Site id:	USGS3125349
Longitude:	1175636	Dec lat:	33.67224152
Dec lon:	-117.94422503	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	059
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	0		
Altitude datum:	Not Reported		
Hydrologic:	Santa Ana. California. Area = 1680 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST

Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1957-03-26
Water quality data end date:	1964-08-06	Water quality data count:	6
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

26
NW
1/2 - 1 Mile
Lower

FED USGS **USGS3125209**

Agency cd:	USGS	Site no:	334046117573401
Site name:	006S010W06K001S		
Latitude:	334046	EDR Site id:	USGS3125209
Longitude:	1175734	Dec lat:	33.67946337
Dec lon:	-117.96033657	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	059
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	0		
Altitude datum:	Not Reported		
Hydrologic:	Santa Ana. California. Area = 1680 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1957-04-08
Water quality data end date:	1957-04-08	Water quality data count:	1
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

Map ID Direction Distance Elevation	Database	EDR ID Number
27 **NW** **1/2 - 1 Mile** **Higher**	**FED USGS**	**USGS3125203**

Agency cd:	USGS	Site no:	334045117573901
Site name:	006S010W06K002S		
Latitude:	334045	EDR Site id:	USGS3125203
Longitude:	1175739	Dec lat:	33.67918559
Dec lon:	-117.9617255	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	059
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	0		
Altitude datum:	Not Reported		
Hydrologic:	Santa Ana. California. Area = 1680 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1959-07-23
Water quality data end date:	1959-07-23	Water quality data count:	1
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

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28 **SE** **1/2 - 1 Mile** **Lower**	**FED USGS**	**USGS3125304**

Agency cd:	USGS	Site no:	334000117563801
Site name:	006S010W08G001S		
Latitude:	334000	EDR Site id:	USGS3125304
Longitude:	1175638	Dec lat:	33.66668614
Dec lon:	-117.9447806	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	059
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported

Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	0		
Altitude datum:	Not Reported		
Hydrologic:	Santa Ana. California. Area = 1680 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1958-07-22
Water quality data end date:	1958-07-22	Water quality data count:	1
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

29
East
1/2 - 1 Mile
Lower

FED USGS **USGS3125348**

Agency cd:	USGS	Site no:	334020117562901
Site name:	006S010W08B002S		
Latitude:	334020	EDR Site id:	USGS3125348
Longitude:	1175629	Dec lat:	33.67224154
Dec lon:	-117.94228053	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	059
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	0		
Altitude datum:	Not Reported		
Hydrologic:	Santa Ana. California. Area = 1680 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

Peak flow data count:	0	Water quality data begin date:	1951-11-14
Water quality data end date:	1957-03-26	Water quality data count:	3
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

H30
NE
1/2 - 1 Mile
Higher

FED USGS **USGS3125197**

Agency cd:	USGS	Site no:	334043117563602
Site name:	006S010W05K002S		
Latitude:	334043	EDR Site id:	USGS3125197
Longitude:	1175636	Dec lat:	33.67863021
Dec lon:	-117.94422503	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	059
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	0		
Altitude datum:	Not Reported		
Hydrologic:	Santa Ana. California. Area = 1680 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1962-12-29
Water quality data end date:	1963-10-03	Water quality data count:	4
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

H31
NE
1/2 - 1 Mile
Higher

FED USGS **USGS3125198**

Agency cd:	USGS	Site no:	334043117563603
Site name:	006S010W05K003S		
Latitude:	334043	EDR Site id:	USGS3125198
Longitude:	1175636	Dec lat:	33.67863021
Dec lon:	-117.94422503	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	059
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	0		
Altitude datum:	Not Reported		
Hydrologic:	Santa Ana. California. Area = 1680 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1962-12-29
Water quality data end date:	1963-10-03	Water quality data count:	4
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

I32
NW
1/2 - 1 Mile
Lower

FED USGS **USGS3125204**

Agency cd:	USGS	Site no:	334045117574501
Site name:	006S010W06L003S		
Latitude:	334045	EDR Site id:	USGS3125204
Longitude:	1175745	Dec lat:	33.67918558
Dec lon:	-117.96339221	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	059
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	0		
Altitude datum:	Not Reported		
Hydrologic:	Santa Ana. California. Area = 1680 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST

Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1958-07-23
Water quality data end date:	1962-10-23	Water quality data count:	10
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

I33
NW
1/2 - 1 Mile
Lower

FED USGS **USGS3125210**

Agency cd:	USGS	Site no:	334046117574401
Site name:	006S010W06L002S		
Latitude:	334046	EDR Site id:	USGS3125210
Longitude:	1175744	Dec lat:	33.67946335
Dec lon:	-117.96311443	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	059
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	0		
Altitude datum:	Not Reported		
Hydrologic:	Santa Ana. California. Area = 1680 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1951-06-11
Water quality data end date:	1961-04-05	Water quality data count:	17
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

Map ID Direction Distance Elevation	Database	EDR ID Number
J34 **WSW** **1/2 - 1 Mile** **Lower**	**FED USGS**	**USGS3125306**

Agency cd:	USGS	Site no:	334000117575703
Site name:	006S010W07E003S		
Latitude:	334000	EDR Site id:	USGS3125306
Longitude:	1175757	Dec lat:	33.66668594
Dec lon:	-117.96672563	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	059
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	0		
Altitude datum:	Not Reported		
Hydrologic:	Santa Ana. California. Area = 1680 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1963-01-09
Water quality data end date:	1963-10-09	Water quality data count:	4
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

J35 **WSW** **1/2 - 1 Mile** **Lower**	**FED USGS**	**USGS3125307**

Agency cd:	USGS	Site no:	334000117575704
Site name:	006S010W07E004S		
Latitude:	334000	EDR Site id:	USGS3125307
Longitude:	1175757	Dec lat:	33.66668594
Dec lon:	-117.96672563	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	059
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported

Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	0		
Altitude datum:	Not Reported		
Hydrologic:	Santa Ana. California. Area = 1680 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1963-01-09
Water quality data end date:	1963-10-09	Water quality data count:	4
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

J36
WSW
1/2 - 1 Mile
Lower

FED USGS **USGS3125305**

Agency cd:	USGS	Site no:	334000117575702
Site name:	006S010W07E002S		
Latitude:	334000	EDR Site id:	USGS3125305
Longitude:	1175757	Dec lat:	33.66668594
Dec lon:	-117.96672563	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	059
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	0		
Altitude datum:	Not Reported		
Hydrologic:	Santa Ana. California. Area = 1680 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

Peak flow data count:	0	Water quality data begin date:	1963-01-09
Water quality data end date:	1963-10-08	Water quality data count:	4
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

37
SW
1/2 - 1 Mile
Lower

FED USGS **USGS3125292**

Agency cd:	USGS	Site no:	333947117574501
Site name:	006S010W07L001S		
Latitude:	333947	EDR Site id:	USGS3125292
Longitude:	1175745	Dec lat:	33.66307498
Dec lon:	-117.96339221	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	059
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	0		
Altitude datum:	Not Reported		
Hydrologic:	Santa Ana. California. Area = 1680 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1951-06-11
Water quality data end date:	1956-03-29	Water quality data count:	8
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

K38
West
1/2 - 1 Mile
Lower

FED USGS **USGS3125344**

Agency cd:	USGS	Site no:	334018117580601
Site name:	006S010W07D003S		
Latitude:	334018	EDR Site id:	USGS3125344
Longitude:	1175806	Dec lat:	33.67168576
Dec lon:	-117.9692257	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	059
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	0		
Altitude datum:	Not Reported		
Hydrologic:	Santa Ana. California. Area = 1680 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1956-10-29
Water quality data end date:	1962-01-17	Water quality data count:	12
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

39
SSW
1/2 - 1 Mile
Lower

FED USGS **USGS3125469**

Agency cd:	USGS	Site no:	333936117573001
Site name:	006S010W07R002S		
Latitude:	333936.07	EDR Site id:	USGS3125469
Longitude:	1175729.95	Dec lat:	33.66001944
Dec lon:	-117.95831944	Coor meth:	G
Coor accr:	5	Latlong datum:	NAD83
Dec latlong datum:	NAD83	District:	06
State:	06	County:	059
Country:	US	Land net:	Not Reported
Location map:	NEWPORT BEACH	Map scale:	24000
Altitude:	8		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	2.5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Santa Ana. California. Area = 1680 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	19991102
Date inventoried:	19991102	Mean greenwich time offset:	PST

Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Unconfined single aquifer		
Aquifer:	ALLUVIUM (QUATERNARY)		
Well depth:	24.0	Hole depth:	24.0
Source of depth data:	reporting agency (generally USGS)		
Project number:	470652400		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

K40
West **CA WELLS** **CADW40000004994**
1/2 - 1 Mile
Lower

Longitude:	-117.9685
Latiude:	33.6722
Stwellno:	06S10W07D006S
Districtco:	3
Welluseco:	Z
Countyco:	30
Gwcode:	800100
Site id:	CADW40000004994

41
SE **FED USGS** **USGS3125289**
1/2 - 1 Mile
Lower

Agency cd:	USGS	Site no:	333944117563501
Site name:	006S010W08K001S		
Latitude:	333944	EDR Site id:	USGS3125289
Longitude:	1175635	Dec lat:	33.66224185
Dec lon:	-117.94394725	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	059
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	0		
Altitude datum:	Not Reported		
Hydrologic:	Santa Ana. California. Area = 1680 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

Peak flow data count:	0	Water quality data begin date:	1958-07-22
Water quality data end date:	1962-05-14	Water quality data count:	11
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

42
North
1/2 - 1 Mile
Higher

FED USGS **USGS3125252**

Agency cd:	USGS	Site no:	334108117571201
Site name:	006S010W06A001S		
Latitude:	334108	EDR Site id:	USGS3125252
Longitude:	1175712	Dec lat:	33.68557434
Dec lon:	-117.9542253	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	059
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	0		
Altitude datum:	Not Reported		
Hydrologic:	Santa Ana. California. Area = 1680 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1957-03-26
Water quality data end date:	1957-03-26	Water quality data count:	1
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

43
SW
1/2 - 1 Mile
Lower

CA WELLS **CADW40000004949**

Longitude:	-117.9663
Latiude:	33.6647
Stwellno:	06S10W07M006S
Districtco:	3
Welluseco:	Z
Countyco:	30
Gwcode:	800100
Site id:	CADW40000004949

Map ID Direction Distance Elevation	Database	EDR ID Number
44 **SSE** **1/2 - 1 Mile** **Lower**	**FED USGS**	**USGS3125468**

Agency cd:	USGS	Site no:	333935117565001
Site name:	006S010W08P001S		
Latitude:	333935	EDR Site id:	USGS3125468
Longitude:	1175650	Dec lat:	33.65974189
Dec lon:	-117.94811403	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	059
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	0		
Altitude datum:	Not Reported		
Hydrologic:	Santa Ana. California. Area = 1680 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1962-12-07
Water quality data end date:	1963-10-04	Water quality data count:	4
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

L45 **SSW** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CADW40000004919**

Longitude:	-117.9614
Latiude:	33.6607
Stwellno:	06S10W07K000S
Districtco:	3
Welluseco:	Z
Countyco:	30
Gwcode:	800100
Site id:	CADW40000004919

Map ID Direction Distance Elevation		Database	EDR ID Number
L46 **SSW** **1/2 - 1 Mile** **Lower**		**FED USGS**	**USGS3125472**

Agency cd:	USGS	Site no:	333938117574001
Site name:	006S010W07Q003S		
Latitude:	333938	EDR Site id:	USGS3125472
Longitude:	1175740	Dec lat:	33.66057507
Dec lon:	-117.96200328	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	059
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	0		
Altitude datum:	Not Reported		
Hydrologic:	Santa Ana. California. Area = 1680 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1959-02-24
Water quality data end date:	1964-04-21	Water quality data count:	9
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

M47 **West** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083000657T Not Reported 6 8 Not Reported 07/01/1996	**AQUIFLOW**	**38997**

M48 **West** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083000657T Not Reported 6 8 Not Reported 07/01/1996	**AQUIFLOW**	**38998**

Map ID Direction Distance Elevation	Database	EDR ID Number
49 **East** **1/2 - 1 Mile** **Higher**	**FED USGS**	**USGS3125356**

Agency cd:	USGS	Site no:	334025117561001
Site name:	006S010W05R003S		
Latitude:	334025	EDR Site id:	USGS3125356
Longitude:	1175610	Dec lat:	33.67363043
Dec lon:	-117.93700261	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	059
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	0		
Altitude datum:	Not Reported		
Hydrologic:	Santa Ana. California. Area = 1680 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1952-02-20
Water quality data end date:	1952-02-20	Water quality data count:	1
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

---

50 **West** **1/2 - 1 Mile** **Lower**	**FRDS PWS**	**CA3000741**

PWS ID:	CA3000741		
Date Initiated:	8404	Date Deactivated:	Not Reported
PWS Name:	AIRPORT CAFE AIRPORT CAFE 5171 WARNER AVE HUNTINGTON BEACH, CA 92646		
Addressee / Facility:	System Owner/Responsible Party AIRPORT CAFE 5171 WARNER AVENUE HUNTINGTON BEACH, CA 92646		

Facility Latitude:	33 40 24	Facility Longitude:	117 58 12
City Served:	Not Reported		
Treatment Class:	Untreated	Population:	00000025

Violations information not reported.

N51
North
1/2 - 1 Mile
Higher

FED USGS **USGS3125263**

Agency cd:	USGS	Site no:	334112117571401
Site name:	005S010W31R007S		
Latitude:	334112	EDR Site id:	USGS3125263
Longitude:	1175714	Dec lat:	33.68668541
Dec lon:	-117.95478087	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	059
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	0		
Altitude datum:	Not Reported		
Hydrologic:	Santa Ana. California. Area = 1680 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1952-02-28
Water quality data end date:	1964-08-05	Water quality data count:	6
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

N52
North
1/2 - 1 Mile
Higher

AQUIFLOW **39005**

Site ID:	083000983T
Groundwater Flow:	SSW
Shallow Water Depth:	10.45
Deep Water Depth:	12.87
Average Water Depth:	Not Reported
Date:	05/27/1998

N53
North
1/2 - 1 Mile
Higher

AQUIFLOW **39006**

Site ID:	083000983T
Groundwater Flow:	SSW
Shallow Water Depth:	10.45
Deep Water Depth:	12.87
Average Water Depth:	Not Reported
Date:	05/27/1998

Map ID Direction Distance	Database	EDR ID Number

1
West
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000005676**

Districtnu:	1	Apinumber:	05900857
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Amerada Petroleum Corporation		
Countyname:	Orange	Fieldname:	Any Field
Areaname:	Any Area		
Section:	6		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.673019		
Glong:	-117.959071		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Lamb Community A	Wellnumber:	68-6
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	12/30/1899
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000005676

2
SW
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000005091**

Districtnu:	1	Apinumber:	05905499
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Amerada Hess Corp.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	7		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.669383		
Glong:	-117.959045		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Anaheim-Sugar	Wellnumber:	62-7
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	12/30/1899
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000005091

3
SSW
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000004797**

Districtnu:	1	Apinumber:	05905543
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Amerada Hess Corp.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	7		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.667562		
Glong:	-117.956879		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Anaheim-Sugar	Wellnumber:	73-7
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	12/30/1899
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000004797

4
SW **OIL_GAS** **CAOG9A000004801**
1/4 - 1/2 Mile

Districtnu:	1	Apinumber:	05905500
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Amerada Hess Corp.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	7		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.667595		
Glong:	-117.959046		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Anaheim-Sugar	Wellnumber:	63-7
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	12/30/1899
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000004801

5
SSW **OIL_GAS** **CAOG9A000004591**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	05905542
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Amerada Hess Corp.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	7		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.665796		
Glong:	-117.95903		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Anaheim-Sugar	Wellnumber:	64-7
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	12/30/1899
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000004591

6
SW **OIL_GAS** **CAOG9A000004769**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	05905803
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Harold C. Morton and H. S. Kohlbush		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	7		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.667327		
Glong:	-117.961262		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Anaheim Sugar 7	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	12/30/1899
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000004769

7
SSW **OIL_GAS** **CAOG9A000004474**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	05905553
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Amerada Hess Corp.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	7		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.663894		
Glong:	-117.956816		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Irvine	Wellnumber:	75-7
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	12/30/1899
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000004474

8
NW **OIL_GAS** **CAOG9A000006364**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	05901078
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Morton and Sons		
Countyname:	Orange	Fieldname:	Any Field
Areaname:	Any Area		
Section:	6		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.678739		
Glong:	-117.961338		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Lamb-Community	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	12/30/1899
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000006364

9
SW **OIL_GAS** **CAOG9A000004590**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	05905804
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Morton and Sons		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	7		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.665791		
Glong:	-117.961203		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Anaheim Sugar Co.	Wellnumber:	7-1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	12/30/1899
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000004590

A10
SSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000004500**

Districtnu:	1	Apinumber:	05905487
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Albercalif Petroleums Ltd.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	7		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.664413		
Glong:	-117.959569		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Albercalif Newport	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	12/30/1899
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000004500

A11
SSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000004478**

Districtnu:	1	Apinumber:	05905849
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Watkins & Christensen		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	7		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.663966		
Glong:	-117.959014		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Trigood-Irvine	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	12/30/1899
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000004478

B12
NNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000006586**

Districtnu:	1	Apinumber:	05907478
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Lamb Oil Co.		
Countyname:	Orange	Fieldname:	Talbert (ABD)
Areaname:	Any Area		
Section:	6		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.682249		
Glong:	-117.957467		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Walter	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	12/30/1899
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000006586

13
SW
1/2 - 1 Mile

OIL_GAS **CAOG9A000004589**

Districtnu:	1	Apinumber:	05905805
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Morton and Sons		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	7		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.665791		
Glong:	-117.963423		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Holtz	Wellnumber:	7-1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	12/30/1899
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000004589

C14
SW
1/2 - 1 Mile

OIL_GAS **CAOG9A000004476**

Districtnu:	1	Apinumber:	05905806
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Morton and Sons		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	7		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.663934		
Glong:	-117.961197		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Irvine	Wellnumber:	7-1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	12/30/1899
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000004476

15
SSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000004353**

Districtnu:	1	Apinumber:	05905848
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Union Oil Company of California		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	7		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.662134		
Glong:	-117.959013		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Newport-Irvine	Wellnumber:	1-7
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	12/30/1899
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000004353

B16
NNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000006667**

Districtnu:	1	Apinumber:	05907474
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Lamb Oil Co.		
Countyname:	Orange	Fieldname:	Talbert (ABD)
Areaname:	Any Area		
Section:	6		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.683336		
Glong:	-117.957484		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Harper	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	12/30/1899
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000006667

C17
SSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000004434**

Districtnu:	1	Apinumber:	05907865
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Harold C. Morton		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	7		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.662842		
Glong:	-117.961212		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Irvine 7	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	12/30/1899
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000004434

18
SW **OIL_GAS** **CAOG9A000004486**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	05905552
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Amerada Hess Corp.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	7		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.664153		
Glong:	-117.963412		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Holtz	Wellnumber:	45-7
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	12/30/1899
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000004486

19
West **OIL_GAS** **CAOG9A000005671**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	05901079
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Morton and Sons		
Countyname:	Orange	Fieldname:	Any Field
Areaname:	Any Area		
Section:	6		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.67299		
Glong:	-117.96781		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Lamb-Community	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	12/30/1899
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000005671

20
NNW **OIL_GAS** **CAOG9A000006668**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	05907477
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Lamb Oil Co.		
Countyname:	Orange	Fieldname:	Talbert (ABD)
Areaname:	Any Area		
Section:	6		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.68334		
Glong:	-117.958847		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Lamb	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	12/30/1899
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000006668

21
SW **OIL_GAS** **CAOG9A000004433**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	05905545
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Kernview Oil Company		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	7		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.662825		
Glong:	-117.963421		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Farnsworth A	Wellnumber:	46-7
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	12/30/1899
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000004433

22
SE
1/2 - 1 Mile

OIL_GAS **CAOG9A000004450**

Districtnu:	1	Apinumber:	05921572
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	8		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.663422		
Glong:	-117.943495		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	NC-58
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	12/30/1899
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000004450

23
ESE
1/2 - 1 Mile

OIL_GAS **CAOG9A000004765**

Districtnu:	1	Apinumber:	05921571
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	8		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.667316		
Glong:	-117.940148		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	NC-56
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	12/30/1899
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000004765

24
ESE **OIL_GAS** **CAOG9A000004897**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	05921570
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	8		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.66835		
Glong:	-117.939383		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	NC-54
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	12/30/1899
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000004897

25
East **OIL_GAS** **CAOG9A000005319**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	05921569
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	8		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.670661		
Glong:	-117.938517		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	NC-52
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	12/30/1899
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000005319

26
East **OIL_GAS** **CAOG9A000005508**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	05921568
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	8		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.671857		
Glong:	-117.938322		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	NC-51
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	12/30/1899
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000005508

D27
SE **OIL_GAS** **CAOG9A000004351**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	05921573
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	8		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.662101		
Glong:	-117.944007		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	NC-59
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	12/30/1899
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000004351

D28
SE **OIL_GAS** **CAOG9A000004360**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	05901261
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Orange	Fieldname:	Any Field
Areaname:	Any Area		
Section:	8		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.662204		
Glong:	-117.943849		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Norris	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	12/30/1899
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000004360

29
SSW **OIL_GAS** **CAOG9A000004193**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	05905554
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Amerada Hess Corp.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	7		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.660353		
Glong:	-117.96119		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Irvine B	Wellnumber:	57-7
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	12/30/1899
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000004193

30
SW
1/2 - 1 Mile

OIL_GAS **CAOG9A000004317**

Districtnu:	1	Apinumber:	05905544
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Kernview Oil Company		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	7		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.661897		
Glong:	-117.965299		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Farnsworth A	Wellnumber:	36-7
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	12/30/1899
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000004317

31
East
1/2 - 1 Mile

OIL_GAS **CAOG9A000005912**

Districtnu:	1	Apinumber:	05921566
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	5		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.674484		
Glong:	-117.936979		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	NC-49
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	12/30/1899
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000005912

32
NNW **OIL_GAS** **CAOG9A000006800**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	05907476
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Lamb Oil Co.		
Countyname:	Orange	Fieldname:	Talbert (ABD)
Areaname:	Any Area		
Section:	6		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.684975		
Glong:	-117.962091		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Lamb	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	12/30/1899
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000006800

33
SSW **OIL_GAS** **CAOG9A000004194**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	05905548
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Kernview Oil Company		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	7		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.660362		
Glong:	-117.96339		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Farnsworth B	Wellnumber:	47-7
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	12/30/1899
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000004194

34
SSW **OIL_GAS** **CAOG9A000004096**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	05905557
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Amerada Hess Corp.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	7		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.658577		
Glong:	-117.959011		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Irvine B	Wellnumber:	68-7
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	12/30/1899
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000004096

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
92646	69	0

Federal EPA Radon Zone for ORANGE County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 92646

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.300 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 Health Services
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations
Source: Department of Conservation
Telephone: 916-323-1779
Oil and Gas well locations in the state.

RADON

State Database: CA Radon
Source: Department of Health Services
Telephone: 916-324-2208
Radon Database for California

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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KRIK WELL #80
ASCON LANDFILL
HUNTINGTON BEACH, CA

Inquiry Number:
March 26, 2013

EDR Site Report™

Environmental Data Resources Inc

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Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

TABLE OF CONTENTS

The EDR-Site Report™ is a comprehensive presentation of government filings on a facility identified in a search of federal, state and local environmental databases. The report is divided into three sections:

Section 1: Facility Summary . . . . . Page 3

Summary of facility filings including a review of the following areas: waste management, waste disposal, multi-media issues, and Superfund liability.

Section 2: Facility Detail Reports . . . . . Page 4

All available detailed information from databases where sites are identified.

Section 3: Databases and Update Information. . . . . Page 8

Name, source, update dates, contact phone number and description of each of the databases for this report.

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

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SECTION 1: FACILITY SUMMARY

FACILITY AREA	FACILITY 1 **KRIK WELL #80** ASCON LANDFILL HUNTINGTON BEACH, CA EDR ID #1007372483 EPA #CAN000906073
WASTE MANAGEMENT Facility generates hazardous waste (RCRA)	NO
Facility treats, stores, or disposes of hazardous waste on-site (RCRA/TSDF)	NO
Facility has received Notices of Violations (RCRA/VIOL)	NO
Facility has been subject to RCRA administrative actions (RAATS)	NO
Facility has been subject to corrective actions (CORRACTS)	NO
Facility handles PCBs (PADS)	NO
Facility uses radioactive materials (MLTS)	NO
Facility manages registered aboveground storage tanks (AST)	NO
Facility manages registered underground storage tanks (UST)	NO
Facility has reported leaking underground storage tank incidents (LUST)	NO
Facility has reported emergency releases to the soil (ERNS)	NO
Facility has reported hazardous material incidents to DOT (HMIRS)	NO
WASTE DISPOSAL Facility is a Superfund Site (NPL)	NO
Facility has a known or suspect abandoned, inactive or uncontrolled hazardous waste site (CERCLIS)	**YES - p4**
Facility has a reported Superfund Lien on it (LIENS)	NO
Facility is listed as a state hazardous waste site (SHWS)	NO
Facility has disposed of solid waste on-site (SWF/LF)	NO
MULTIMEDIA Facility uses toxic chemicals and has notified EPA under SARA Title III, Section 313 (TRIS)	NO
Facility produces pesticides and has notified EPA under Section 7 of FIFRA (SSTS)	NO
Facility manufactures or imports toxic chemicals on the TSCA list (TSCA)	NO
Facility has inspections under FIFRA, TSCA or EPCRA (FTTS)	NO
Facility is listed in EPA's index system (FINDS)	NO
Facility is listed in a county/local unique database (LOCAL)	**YES - p6**
POTENTIAL SUPERFUND LIABILITY Facility has a list of potentially responsible parties PRP	**YES - p7**
TOTAL (YES)	3

SECTION 2: FACILITY DETAIL REPORTS

WASTE DISPOSAL

DATABASE: Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS)

KRIK WELL #80
ASCON LANDFILL
HUNTINGTON BEACH, CA
EDR ID #1007372483

CERCLIS:

Site ID:	0906073
EPA ID:	CAN000906073
Facility County:	ORANGE
Short Name:	KRIK WELL #80
Congressional District:	Not reported
IFMS ID:	09LV
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:	R
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:	Removal Only Site (No Site Assessment Work Needed)
Non NPL Status Date:	03/17/04
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:	9270721.00000
Contact Name:	Robert Wise
Contact Tel:	(562) 499-6312
Contact Title:	On-Scene Coordinator (OSC)
Contact Email:	Not reported
Contact ID:	9271184.00000
Contact Name:	Karen Jurist
Contact Tel:	(415) 972-3219
Contact Title:	Site Assessment Manager (SAM)
Contact Email:	Not reported
Contact ID:	13003854.00000
Contact Name:	Leslie Ramirez
Contact Tel:	(415) 972-3978
Contact Title:	Site Assessment Manager (SAM)
Contact Email:	Not reported
Contact ID:	13003858.00000
Contact Name:	Sharon Murray
Contact Tel:	(415) 972-4250
Contact Title:	Site Assessment Manager (SAM)
Contact Email:	Not reported
Contact ID:	13004003.00000
Contact Name:	Carl Brickner
Contact Tel:	Not reported
Contact Title:	Site Assessment Manager (SAM)
Contact Email:	Not reported
Alias Comments:	Not reported
Site Description:	5 above ground tanks containing hazardous waste located at the Krik Co. Well # 80 lease inside the Ascon Landfill California State Superfund Site.

CERCLIS Assessment History:

Action Code:	001

Action:	POTENTIALLY RESPONSIBLE PARTY REMOVAL
Date Started:	03/17/04
Date Completed:	07/28/04
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	Responsible Party
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

Action Code:	001
Action:	ADMINISTRATIVE ORDER ON CONSENT
Date Started:	/ /
Date Completed:	05/10/06
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	Federal Enforcement
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

MULTIMEDIA

Facility is listed in a county/local unique database

DATABASE: State/County (LOCAL)

KRIK WELL #80
ASCON LANDFILL
HUNTINGTON BEACH, CA
EDR ID #1007372483

POTENTIAL SUPERFUND LIABILITY

Facility has a list of potentially responsible parties PRP

DATABASE: Superfund Enforcement Tracking System (PRP)

KRIK WELL #80
ASCON LANDFILL
HUNTINGTON BEACH, CA
EDR ID #1007372483

PRP Name
_____

CANNERY HAMILTON PROPERTIES LLC

For detailed PRP information, contact your EDR Account Executive for the EDR PRP report.

SECTION 3: DATABASES AND UPDATE DATES

To maintain currency of the following federal, state and local databases, EDR contacts the appropriate government agency on a monthly or quarterly basis as required.

Elapsed ASTM days: Provides confirmation that this report meets or exceeds the 90-day updating requirement of the ASTM standard.

DATABASES FOUND IN THIS REPORT

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System
Source: EPA
Telephone: 703-412-9810
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: 02/04/2013
Date Made Active at EDR: 03/13/2013
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 03/01/2013
Elapsed ASTM Days: 12
Date of Last EDR Contact: 03/01/2013

PRP: Potentially Responsible Parties
Source: EPA
Telephone: 202-564-6023
A listing of verified Potentially Responsible Parties

Date of Government Version: 12/02/2012
Database Release Frequency: Quarterly
Date of Last EDR Contact: 01/03/2013
Date of Next Scheduled Update: 04/15/2013

MSI DATA CORP
335 BAKER AVE
COSTA MESA, CA 92626

Inquiry Number:
March 26, 2013

EDR Site Report™

EDR® Environmental Data Resources Inc

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

TABLE OF CONTENTS

The EDR-Site Report™ is a comprehensive presentation of government filings on a facility identified in a search of federal, state and local environmental databases. The report is divided into three sections:

Section 1: Facility Summary . . . . . Page 3

Summary of facility filings including a review of the following areas: waste management, waste disposal, multi-media issues, and Superfund liability.

Section 2: Facility Detail Reports . . . . . Page 4

All available detailed information from databases where sites are identified.

Section 3: Databases and Update Information. . . . . Page 9

Name, source, update dates, contact phone number and description of each of the databases for this report.

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

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SECTION 1: FACILITY SUMMARY

FACILITY AREA	FACILITY 1 **MSI DATA CORP** 335 BAKER AVE COSTA MESA, CA 92626 EDR ID #1015732745 EPA #CAD053853644
WASTE MANAGEMENT Facility generates hazardous waste (RCRA)	**YES - p4**
Facility treats, stores, or disposes of hazardous waste on-site (RCRA/TSDF)	NO
Facility has received Notices of Violations (RCRA/VIOL)	**YES - p7**
Facility has been subject to RCRA administrative actions (RAATS)	NO
Facility has been subject to corrective actions (CORRACTS)	NO
Facility handles PCBs (PADS)	NO
Facility uses radioactive materials (MLTS)	NO
Facility manages registered aboveground storage tanks (AST)	NO
Facility manages registered underground storage tanks (UST)	NO
Facility has reported leaking underground storage tank incidents (LUST)	NO
Facility has reported emergency releases to the soil (ERNS)	NO
Facility has reported hazardous material incidents to DOT (HMIRS)	NO
WASTE DISPOSAL Facility is a Superfund Site (NPL)	NO
Facility has a known or suspect abandoned, inactive or uncontrolled hazardous waste site (CERCLIS)	**YES - p8 (NFRAP)**
Facility has a reported Superfund Lien on it (LIENS)	NO
Facility is listed as a state hazardous waste site (SHWS)	NO
Facility has disposed of solid waste on-site (SWF/LF)	NO
MULTIMEDIA Facility uses toxic chemicals and has notified EPA under SARA Title III, Section 313 (TRIS)	NO
Facility produces pesticides and has notified EPA under Section 7 of FIFRA (SSTS)	NO
Facility manufactures or imports toxic chemicals on the TSCA list (TSCA)	NO
Facility has inspections under FIFRA, TSCA or EPCRA (FTTS)	NO
Facility is listed in EPA's index system (FINDS)	NO
Facility is listed in a county/local unique database (LOCAL)	NO
POTENTIAL SUPERFUND LIABILITY Facility has a list of potentially responsible parties PRP	NO
TOTAL (YES)	3

SECTION 2: FACILITY DETAIL REPORTS

WASTE MANAGEMENT

Facility generates hazardous waste

DATABASE: Resource Conservation and Recovery Information (RCRAInfo)

MSI DATA CORP
335 BAKER AVE
COSTA MESA, CA 92626
EDR ID #1015732745

RCRA-SQG:

Date form received by agency:	03/11/2002
Facility name:	TOYOTA RACING DEVELOPMENT USA INC
Facility address:	335 E BAKER ST COSTA MESA, CA 92626
EPA ID:	CAD053853644
Mailing address:	E BAKER ST COSTA MESA, CA 92626
Contact:	FRANK LOPEZ
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	(714) 444-1188
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:	MSI DATA CORPORATION
Owner/operator address:	340 FISCHER AVE CITY NOT REPORTED, CA 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(714) 549-6000
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	TRD USA INC
Owner/operator address:	335 E BAKER COSTA MESA, CA 92626
Owner/operator country:	Not reported
Owner/operator telephone:	(714) 444-1188
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency:	03/11/2002
Facility name:	TOYOTA RACING DEVELOPMENT USA INC
Classification:	Large Quantity Generator

Date form received by agency:	04/03/1995
Facility name:	TOYOTA RACING DEVELOPMENT USA INC
Site name:	TRD USA INC

Classification: Small Quantity Generator

Facility Has Received Notices of Violations:

Regulation violated: FR - 262.50-60
Area of violation: Generators - General
Date violation determined: 03/22/1989
Date achieved compliance: 08/21/1989
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 - 264.110-120.G
Area of violation: TSD - Closure/Post-Closure
Date violation determined: 03/22/1989
Date achieved compliance: 08/21/1989
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 - 264.140-150.H
Area of violation: TSD - Financial Requirements
Date violation determined: 09/29/1987
Date achieved compliance: 10/22/1987
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/14/1987
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 - 262.20-23.B
Area of violation: Generators - General
Date violation determined: 04/28/1987
Date achieved compliance: 03/22/1989
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/05/1987
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 - 262.50-60
Area of violation: Generators - General
Date violation determined: 04/28/1987
Date achieved compliance: 03/22/1989
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/05/1987
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: 04/07/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: Local

Evaluation date: 02/22/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported

Evaluation lead agency: State Contractor/Grantee

Evaluation date: 03/22/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Closure/Post-Closure
Date achieved compliance: 08/21/1989
Evaluation lead agency: State

Evaluation date: 03/22/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 08/21/1989
Evaluation lead agency: State

Evaluation date: 03/14/1989
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/29/1987
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 10/22/1987
Evaluation lead agency: State

Evaluation date: 04/28/1987
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - General
Date achieved compliance: 03/22/1989
Evaluation lead agency: State

Evaluation date: 04/28/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/22/1989
Evaluation lead agency: State

WASTE MANAGEMENT

Facility Has Received Notices of Violations

DATABASE: Resource Conservation and Recovery Information (RCRAInfo)

MSI DATA CORP
335 BAKER AVE
COSTA MESA, CA 92626
EDR ID #1015732745

Regulation Violated:	FR - 262.50-60
Area of Violation:	Generators - General
Date Violation Determined:	03/22/1989
Actual Date Achieved Compliance:	08/21/1989
Enforcement Action:	Not reported
Enforcement Action Date:	Not reported

Regulation Violated:	FR - 264.110-120.G
Area of Violation:	TSD - Closure/Post-Closure
Date Violation Determined:	03/22/1989
Actual Date Achieved Compliance:	08/21/1989
Enforcement Action:	Not reported
Enforcement Action Date:	Not reported

Regulation Violated:	FR - 264.140-150.H
Area of Violation:	TSD - Financial Requirements
Date Violation Determined:	09/29/1987
Actual Date Achieved Compliance:	10/22/1987
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	09/14/1987

Regulation Violated:	F - 262.50-60
Area of Violation:	Generators - General
Date Violation Determined:	04/28/1987
Actual Date Achieved Compliance:	03/22/1989
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	06/05/1987

Regulation Violated:	F - 262.20-23.B
Area of Violation:	Generators - General
Date Violation Determined:	04/28/1987
Actual Date Achieved Compliance:	03/22/1989
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	06/05/1987

WASTE DISPOSAL

DATABASE: No Further Remedial Action Planned (CERCLIS/NFRAP)

MSI DATA CORP
335 BAKER AVE
COSTA MESA, CA 92626
EDR ID #1015732745

CERC-NFRAP:

Site ID:	0900312
EPA ID:	CAD053853644
Facility County:	ORANGE
Short Name:	MSI DATA CORP
Congressional District:	40
SMSA Number:	0360
USGC Hydro Unit:	18070203
Federal Facility:	Not a Federal Facility
RCRA ID:	Not reported
NFRAP Flag:	NFA
EPA Region:	09
Classification:	Not reported
NPL Status:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information
Site FUDS Flag:	Not reported

CERCLIS-NFRAP Site Contact Details:

Contact Sequence ID:	13054096.00000
Person ID:	9271184.00000
Contact Sequence ID:	13287040.00000
Person ID:	13003854.00000
Contact Sequence ID:	13292635.00000
Person ID:	13003858.00000
Contact Sequence ID:	13298493.00000
Person ID:	13004003.00000

CERCLIS-NFRAP Site Alias Name(s):

Alias Name:	SYMBOL TECHNOLOGIES, INC.
Alias Address:	Not reported
	CA

CERCLIS-NFRAP Assessment History:

Action Code:	001
Action:	DISCOVERY
Date Started:	/ /
Date Completed:	01/01/91
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:	ARCHIVE SITE
Date Started:	/ /
Date Completed:	03/31/92
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	EPA In-House
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported
Action Code:	001
Action:	PRELIMINARY ASSESSMENT
Date Started:	/ /
Date Completed:	03/31/92
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

SECTION 3: DATABASES AND UPDATE DATES

To maintain currency of the following federal, state and local databases, EDR contacts the appropriate government agency on a monthly or quarterly basis as required.

Elapsed ASTM days: Provides confirmation that this report meets or exceeds the 90-day updating requirement of the ASTM standard.

DATABASES FOUND IN THIS REPORT

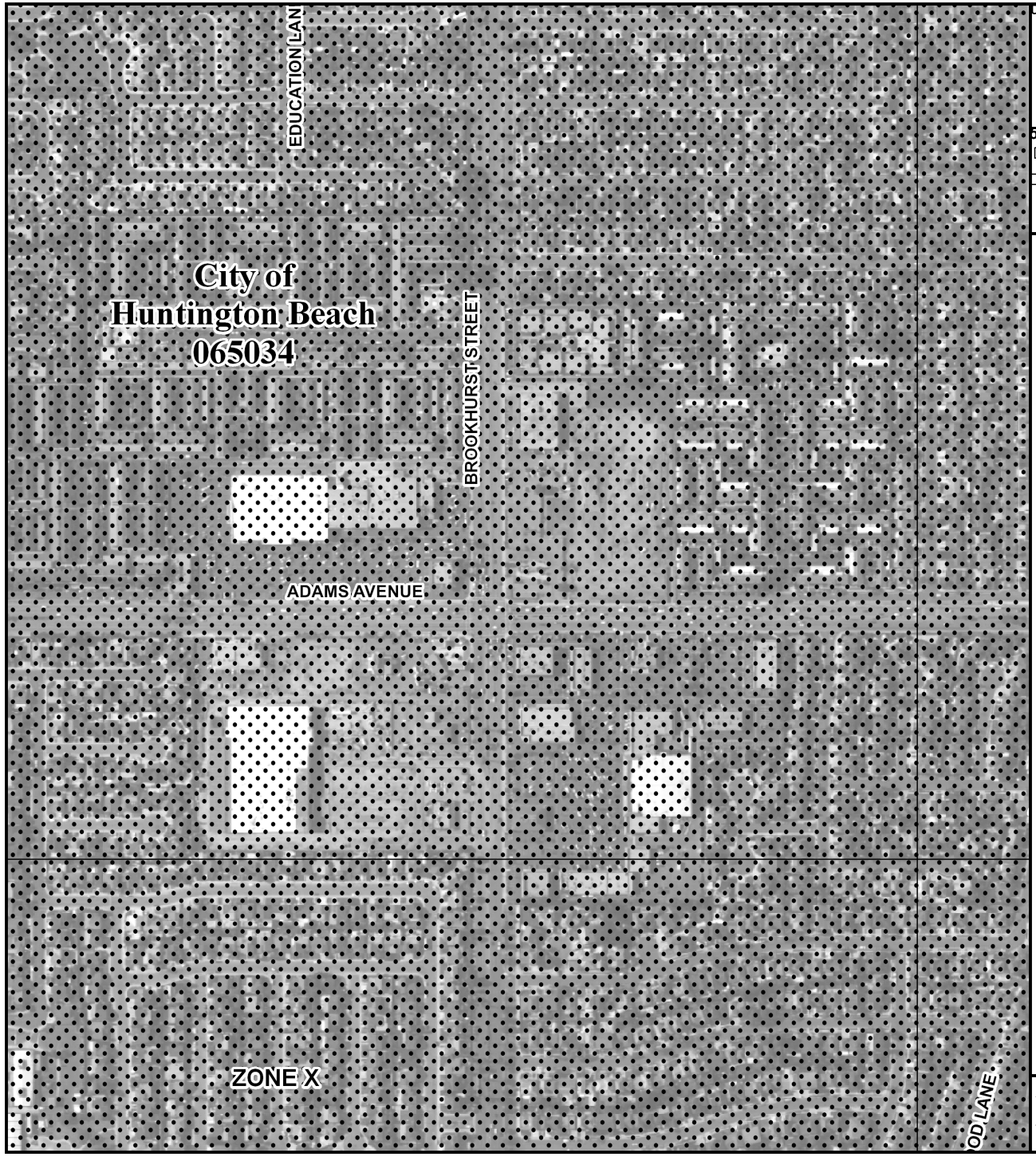
CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned
Source: EPA
Telephone: 703-412-9810
Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that 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: 02/05/2013
Database Release Frequency: Quarterly
Date of Last EDR Contact: 01/04/2013
Date of Next Scheduled Update: 03/11/2013

RCRA-SQG: RCRA - Small Quantity Generators
Source: Environmental Protection Agency
Telephone: 703-308-8895
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: 02/12/2013
Database Release Frequency: Quarterly
Date of Last EDR Contact: 02/15/2013
Date of Next Scheduled Update: 04/15/2013

Appendix C Documentation



ional Flood Insurance Program at 1-800-638-6620.

MAP SCALE 1" = 500'

50 0 500 1000 FEET

METERS

NFIP

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0262J

FIRM

FLOOD INSURANCE RATE MAP

ORANGE COUNTY, CALIFORNIA
AND INCORPORATED AREAS

PANEL 262 OF 539

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
COSTA MESA, CITY OF	060216	0262	J
FOUNTAIN VALLEY, CITY OF	060218	0262	J
HUNTINGTON BEACH, CITY OF	065034	0262	J

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

MAP NUMBER
06059C0262J

MAP REVISED
DECEMBER 3, 2009

Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov

RBF CONSULTING

PHONE LOG

___ Incoming Call
X Outgoing Call

Job No. 10-107799
Date 03-27-13

Individual Contact Bill Janusy
Title Principal Civil Engineer
Company / Agency City of Huntington Beach
Address 2000 Main Street
Huntington Beach, CA 92648

By Kristen Bogue
Phone (714) 536-5431
Project Name Brookhurst Street / Adams Avenue ~~Interchange~~ Intersection Improvements Project

Subject of Contact Obtain information pertaining to hazardous materials in the project area.

Items Discussed RBF interviewed Mr. Bill Janusy with the City of Huntington Beach to obtain information pertaining to hazardous materials for the project site. Mr. Janusy has been with the City for 11 years. To the best of his knowledge the last roadway improvements in the project area were widening improvements in 2006/2007. No hazardous materials were encountered at that time. To the best of his knowledge, no activity use limitations or deed restrictions are associated with the project site. He is unaware of valuation issues and has no specialized knowledge of the area. No transformer explosions have occurred on site that he is aware of and any fill materials used in the past would have been cleared through the City Fire Department.

~~Action to be Taken~~

Route To

RBF CONSULTING

FIELD REPORT

DATE 03-05-13	JOB NO. 10-107799
PROJECT Brookhurst/Adams Phase I ESA	
LOCATION Huntington Beach, CA	
CONTRACTOR	OWNER
WEATHER	TEMP. / TIME
PRESENT AT SITE Kristen Bogue and Kelly Chiene	

TO

THE FOLLOWING WAS NOTED:

During RBF's site reconnaissance, RBF interviewed staff at R Cleaners located at 10118 Adams Avenue. Staff stated that they have been at this location for 10 years. Hazardous materials are used at this site. However approximately 5 years ago they switched from perchlorate to a more environmentally friendly substance. Prior to their operations, there was a Phase I ESA prepared that did not note any RECs on-site prior to them occupying the location. Staff also noted that Best Cleaners across the street (in the northeastern quadrant) is a similar operation. She also noted that a prior dry cleaner operated at her location for 47 years before they came in.

COPIES TO

SIGNED DATE

RBF CONSULTING

FIELD REPORT

DATE 03-05-13	JOB NO. 10-107799
PROJECT Adams/Brookhurst Phase I ESA	
LOCATION Huntington Beach, CA	
CONTRACTOR	OWNER
WEATHER	TEMP. / TIME
PRESENT AT SITE Kristen Bozue and Kelly Chiene	

TO

THE FOLLOWING WAS NOTED:

RBF staff interviewed staff at Best Cleaners during the site reconnaissance conducted on March 5, 2013. Staff stated that the facility has been at this location for three years and the clothes are cleaned at this location. No further information was provided.

COPIES TO

SIGNED DATE

RBF CONSULTING

March 20, 2013

Department of Toxic Substances Control
Attention: Ms. Julie Johnson, Custodian of Records
5796 Corporate Avenue
Cypress, CA 90630-4732
Phone: (714) 484-5300
Fax: (714) 484-5302

SUBJECT: Brookhurst Street/Adams Avenue Interchange Improvements Project Phase I Environmental Site Assessment: File Review Request

Dear Ms. Johnson:

is currently conducting a Phase I Environmental Site Assessment (ESA) in the City of Huntington Beach for an interchange improvement project located at the intersection of Brookhurst Street and Adams Avenue. As part of the project, multiple properties would require partial acquisition for roadway right-of-way, and in some instances, structural modification. This letter serves as a request for hazardous materials information regarding the following Assessor's Parcel Numbers (APNs) and associated addresses to be acquired as part of the proposed project, which are as follows:

- **APN 151-461-28; 9882 Adams Avenue, Huntington Beach**
- **APN 151-461-30; 20001 Brookhurst Street, Huntington Beach**
- **APN 153-171-01; 9791 Adams Avenue, Huntington Beach**
- **APN 153-171-02; 9971 Adams Avenue, Huntington Beach**
- **APN 155-051-07; 10111 Adams Avenue, Huntington Beach**
- **APN 155-051-11; 10113 Adams Avenue, Huntington Beach**
- **APN 155-051-11; 10121 Adams Avenue, Huntington Beach**
- **APN 155-051-12; 10115 Adams Avenue, Huntington Beach**
- **APN 155-051-13; 10001 Adams Avenue, Huntington Beach**
- **APN 155-162-01; 20011 Lawson Lane, Huntington Beach**
- **APN 155-181-04; 20002 Brookhurst Street, Huntington Beach**
- **APN 155-181-28; 10072 Adams Avenue, Huntington Beach**

RBF would like to request a file search of these APN's and addresses within the Department's database. If records are on file, RBF would also like to set up a file review for the above mentioned properties. Please do not hesitate to contact me at 949-855-5747 or kbogue@rbf.com, with any questions you may have regarding this request.

Sincerely,

Kristen Bogue
Associate/Environmental Professional
Planning/Environmental Services

Matthew Rodriquez
Secretary for
Environmental Protection

Department of Toxic Substances Control

Deborah O. Raphael, Director
5796 Corporate Ave
Cypress, California 90630

Edmund G. Brown Jr.
Governor

March 22, 2013

RECEIVED
MAR 25 2013
RBF CONSULTING

Mrs. Kristen Bogue
RBF Consulting
14725 Alton Parkway
Irvine, California 92618

PR40320136

Dear Mrs. Bogue:

We have received your Public Records Act Request for records from the Department of Toxic Substances Control. After a thorough review of our files we have found that, **no such records** exist at this office pertaining to the sites/facility referenced.

SEE ATTACHED:

If you have any questions, would like further information regarding your request, please contact our Regional Records Coordinator at (714) 484-5336.

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 accessed at: http://www.envirostor.dtsc.ca.gov/public. Also, a computer is available in the Central Files of each DTSC Regional Office for use by community members to view Envirostor.

Sincerely,

Jone Barrio
Regional Records Coordinator
Cypress Administrative Services
Department of Toxic Substances Control

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DTSC
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RBF CONSULTING

March 20, 2013

Department of Toxic Substances Control
Attention: Ms. Julie Johnson, Custodian of Records
5796 Corporate Avenue
Cypress, CA 90630-4732
Phone: (714) 484-5300
Fax: (714) 484-5302

N/R

SUBJECT: Brookhurst Street/Adams Avenue Interchange Improvements Project Phase I Environmental Site Assessment: File Review Request

Dear Ms. Johnson:

is currently conducting a Phase I Environmental Site Assessment (ESA) in the City of Huntington Beach for an interchange improvement project located at the intersection of Brookhurst Street and Adams Avenue. As part of the project, multiple properties would require partial acquisition for roadway right-of-way, and in some instances, structural modification. This letter serves as a request for hazardous materials information regarding the following Assessor's Parcel Numbers (APNs) and associated addresses to be acquired as part of the proposed project, which are as follows:

N/R

- **APN 151-461-28; 9882 Adams Avenue, Huntington Beach**
- **APN 151-461-30; 20001 Brookhurst Street, Huntington Beach**
- **APN 153-171-01; 9791 Adams Avenue, Huntington Beach**
- **APN 153-171-02; 9971 Adams Avenue, Huntington Beach**
- **APN 155-051-07; 10111 Adams Avenue, Huntington Beach**
- **APN 155-051-11; 10113 Adams Avenue, Huntington Beach**
- **APN 155-051-11; 10121 Adams Avenue, Huntington Beach**
- **APN 155-051-12; 10115 Adams Avenue, Huntington Beach**
- **APN 155-051-13; 10001 Adams Avenue, Huntington Beach**
- **APN 155-162-01; 20011 Lawson Lane, Huntington Beach**
- **APN 155-181-04; 20002 Brookhurst Street, Huntington Beach**
- **APN 155-181-28; 10072 Adams Avenue, Huntington Beach**

RBF would like to request a file search of these APN's and addresses within the Department's database. If records are on file, RBF would also like to set up a file review for the above mentioned properties. Please do not hesitate to contact me at 949-855-5747 or kbogue@rbf.com, with any questions you may have regarding this request.

Sincerely,

Kristen Bogue
Associate/Environmental Professional
Planning/Environmental Services

PR40320136 #2

RBF CONSULTING

March 20, 2013

Regional Water Quality Control Board
Attention: Ms. Annette Subriar, File Review Request
3737 Main Street, Suite 500
Riverside, CA 92501-3348
Phone: (951) 782-4499
Fax: (951) 781-6288

SUBJECT: Brookhurst Street/Adams Avenue Interchange Improvements Project Phase I Environmental Site Assessment: File Review Request

Dear Ms. Subriar:

RBF Consulting (RBF) is currently conducting a Phase I Environmental Site Assessment (ESA) in the City of Huntington Beach for an interchange improvement project located at the intersection of Brookhurst Street and Adams Avenue. As part of the project, multiple properties would require partial acquisition for roadway right-of-way, and in some instances, structural modification. This letter serves as a request for hazardous materials information regarding the following Assessor's Parcel Numbers (APNs) and associated addresses to be acquired as part of the proposed project, which are as follows:

- **APN 151-461-28; 9882 Adams Avenue, Huntington Beach**
- **APN 151-461-30; 20001 Brookhurst Street, Huntington Beach**
- **APN 153-171-01; 9791 Adams Avenue, Huntington Beach**
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- **APN 155-051-11; 10121 Adams Avenue, Huntington Beach**
- **APN 155-051-12; 10115 Adams Avenue, Huntington Beach**
- **APN 155-051-13; 10001 Adams Avenue, Huntington Beach**
- **APN 155-162-01; 20011 Lawson Lane, Huntington Beach**
- **APN 155-181-04; 20002 Brookhurst Street, Huntington Beach**
- **APN 155-181-28; 10072 Adams Avenue, Huntington Beach**

RBF would like to request a file search of these APNs/addresses within the Board's database. If records are on file, RBF would also like to set up a file review for the above-mentioned properties. Please do not hesitate to contact me at 949-855-5747 or kbogue@rbf.com, with any questions you may have regarding this request.

Sincerely,

Kristen Bogue
Associate/Environmental Professional
Planning/Environmental Services

Bogue, Kristen

From: WB-RB8-FileReview8 <FileReview8@waterboards.ca.gov>
Sent: Wednesday, March 20, 2013 3:55 PM
To: Bogue, Kristen
Subject: File Review Request

Hi Kristen,

I do show records for the addresses of: **20001 Brookhurst St., Huntington Beach**;
9971 Adams Ave., Huntington Beach;
10001 Adams Ave., Huntington Beach.
Some of the files I have to order and it takes 7 to 10 business days. So let me know when you would like to come in and review these files.

I show no records for the address of : 9882 Adams Ave., Huntington Beach
9791 Adams Ave., Huntington Beach
10111 Adams Ave., Huntington Beach
10113 Adams Ave., Huntington Beach
10121 Adams Ave., Huntington Beach
10115 Adams Ave., Huntington Beach
20011 Lawson Lane, Huntington Beach
20002 Brookhurst St., Huntington Beach
10072 Adams Ave., Huntington Beach

Thanks,
Mary

SAIC

January 23, 2013

Ms. Tamara Escobedo
Orange County Health Care Agency
Hazardous Materials Mitigation Section
1241 East Dyer Road, Suite 120
Santa Ana, California 92705-5611

***Subject*:** **Submittal of 4th Quarter 2012 Groundwater Monitoring and Progress Report**
Former Chevron Service Station No. 9-8721
9971 Adams Avenue, Huntington Beach, California
OCHCA Case No. 91UT079

Dear Ms. Escobedo:

On behalf of Chevron Environmental Management Company (CEMC), SAIC Energy, Environment & Infrastructure, LLC (hereafter, SAIC), has prepared this 4th Quarter 2012 Groundwater Monitoring and Progress Report for the above-referenced site. Work conducted during this quarter includes groundwater monitoring by CEMC's subcontractor, Wayne Perry, Inc. (WPI). Electronic Deliverable Format (EDF) files have been uploaded to the State Water Resources Board GeoTracker website. Per the Orange County Health Care Agency (OCHCA) letter dated July 2, 2009, SAIC has reduced the groundwater sampling frequency of wells B-02, MW-01, MW-05, and MW-06 to semi-annual sampling events conducted during the 2nd and 4th quarters only. All other wells will remain on a quarterly sampling schedule. The adjacent Shell Service station sampling events are during the 1st and 3rd quarters only and coordinated sampling normally occurs during these quarters.

If you have any questions, please contact Mr. Steve Targanyan the SAIC Project Manager, at (714) 257-6407, or Mr. Daryl Pessler, the CEMC Project Manager, at (714) 671-3277.

Respectfully submitted,

SAIC ENERGY, ENVIRONMENT & INFRASTRUCTURE, LLC

REGISTERED GEOLOGIST
Richard A. Vogl
No. 5526
4-30-2013
STATE OF CALIFORNIA

Steve Targanyan
Project Manager

Richard Vogl
Professional Geologist No. 5526

Attachment 1 – 4th Quarter 2012 Progress Report
Attachment 2 – 4th Quarter 2012 Groundwater Summary
Attachment 3 – Tables
Attachment 4 – Plates
Attachment 5 – Hydrographs
Attachment 6 – Groundwater Sampling Procedures and Field Sheets
Attachment 7 – Laboratory Analyses and Chain of Custody Forms

cc: Mr. Daryl Pessler, CEMC
Mr. Mark Sork, Property Owner (E-mailed PDF or CD-ROM)
SAIC Project File

REPORT LIMITATIONS

- This technical document was prepared on behalf of Chevron and is intended for its sole use and for use by the local, state or federal regulatory agency that the technical document was sent to by SAIC. Any other person or entity obtaining, using, or relying on this technical document hereby acknowledges that they do so at their own risk, and that SAIC Energy, Environment & Infrastructure, LLC (SAIC) shall have no responsibility or liability for the consequences thereof.

- Site history and background information provided in this technical document are based on sources that may include interviews with environmental regulatory agencies and property management personnel and a review of acquired environmental regulatory agency documents and property information obtained from CEMC and others. SAIC has not made, nor has it been asked to make, any independent investigation concerning the accuracy, reliability, or completeness of such information beyond that described in this technical document.

- Recognizing reasonable limits of time and cost, this technical document cannot wholly eliminate uncertainty regarding the vertical and lateral extent of impacted environmental media.

- Opinions and recommendations presented in this technical document apply only to site conditions and features as they existed at the time of SAIC's site visits or site work and cannot be applied to conditions and features of which SAIC is unaware and has not had the opportunity to evaluate.

- All sources of information on which SAIC has relied in making its conclusions (including direct field observations) are identified by reference in this technical document or in appendices attached to this technical document. Any information not listed by reference or in appendices has not been evaluated or relied upon by SAIC in the context of this technical document. The conclusions, therefore, represent our professional opinion based on the identified sources of information.

ATTACHMENT 1

4th QUARTER 2012 PROGRESS REPORT

1. SITE INFORMATION

• Site Case No.	91UT079
• Site Name	Former Chevron Service Station No. 9-8721
• Address	9971 Adams Avenue
• City	Huntington Beach, California

2. RESPONSIBLE PARTY INFORMATION

• Contact	Mr. Daryl Pessler
• Company	Chevron Environmental Management Company
• Address	145 S. State College Blvd., Suite 400
• City / Zip	Brea, California 92822-2292
• Phone	(714) 671-3277

3. CONSULTANT INFORMATION

• Contact	Mr. Steve Targanyan
• Company	SAIC
• Address	590 W. Central Avenue, Suite I
• City / Zip	Brea, California 92821
• Phone	(714) 257-6407

4. WORK PERFORMED THIS QUARTER:

- Collected non-purge groundwater samples from wells.
- The dual phase extraction (DPE) system remains shutdown.
- Extracted granular activated carbon from the three vessels of the DPE system and removed from the site for disposal.
- Submitted *Submittal of Third Quarter 2012 Remedial System Operation and Maintenance Progress Report* dated October 12, 2012.
- Submitted a letter to the OCHCA dated October 12, 2012 regarding the status of the sub-slab vapor sampling.
- Submitted a letter to the OCHCA dated October 23, 2012 regarding the status of the confirmation soil boring and installation of the temporary soil-vapor point field activities.
- Performed confirmation soil boring and installation of temporary soil-vapor sampling point field activities on November 7 and 8, 2012
- Coordinated with bank tenant for site access to perform sub-slab vapor sampling.
- Submitted *Confirmation Soil Borings and Soil-Vapor Sampling Point Installation Report* dated December 20, 2012.

5. WORK PROPOSED FOR NEXT QUARTER:

- Conduct non-purge groundwater sampling of wells and coordinated sampling with the Shell service station located across Adams Avenue.
- Prepare a quarterly groundwater monitoring report.
- Acquire site access with bank tenant and perform sub-slab vapor sampling and soil-vapor sampling field activities.

6. CURRENT PHASE OF PROJECT (Initial Assessment, Additional Assessment, Corrective Action Plan (CAP), Remediation, Post-Remediation Monitoring, etc.):

- Post remediation groundwater monitoring

7. DESCRIBE CORRECTIVE AND REMEDIAL TECHNIQUES TO BE IMPLEMENTED IN THE FUTURE AND INCLUDE TIME SCHEDULE FOR THE INITIATION OF THE ASSOCIATED ACTIVITIES (NAPL Removal, Pump and Treat, Vapor Extraction System (VES), Excavation, etc.):

- Monitored Natural Attenuation – in progress
- Site assessment – first quarter 2013 pending site access.

8. CURRENTLY MONITORING (Soil, Groundwater, None):

- Groundwater

9. MONITORING FREQUENCY (Quarterly, Monthly, etc.):

- Quarterly; wells B-02, MW-01, MW-05, and MW-06 semi-annually during the 2nd and 4th quarters.

10. DESCRIBE CORRECTIVE AND REMEDIAL TECHNIQUES, INCLUDING INVESTIGATIONS IMPLEMENTED TO DATE, WHICH WERE UNDERTAKEN TO DETERMINE THE NATURE AND EXTENT OF SOIL, GROUNDWATER, OR SURFACE WATER CONTAMINATION (NAPL Removal, Pump and Treat, VES, Excavation, etc.):

- Site assessment
- Additional assessment
- Site conceptual model
- Underground storage tank (UST) removal and excavation (April 1984)
- Groundwater monitoring (since 1991)
- Multiple Two-Phase Extraction (TPE) events (June 2002, September 2003, November 2003, January 2004)
- DPE system (February 2010 to December 2011 for groundwater extraction [GWE] component; February 2010 to June 2012 for soil vapor extraction [SVE] component)

11. CUMULATIVE SOIL REMOVED TO DATE (cubic yards):

- Approximately 802 cubic yards

12. SOIL REMOVED THIS QUARTER (cubic yards):

- None

13. ARE CONTAMINATED SOILS OR LIQUIDS GENERATED FROM INVESTIGATIONS OR CLEANUPS CURRENTLY STORED ONSITE?

- No

ATTACHMENT 2

4th QUARTER 2012 GROUNDWATER SUMMARY

GROUNDWATER MONITORING SUMMARY

CURRENT FIELD ACTIVITIES

Groundwater monitoring frequency:	Quarterly; wells B-02, MW-01, MW-05 & MW-06 are sampled semi-annually.
Activity date:	12/10/2012
Field subcontractor:	Wayne Perry, Inc. (WPI)
Purging method:	Non-purge sampling
Sampling subcontractor:	WPI
Transporter/disposal facility:	Non-purge sampling
Gallons of groundwater purged:	0
Number of groundwater wells total:	12
Number of groundwater wells offsite:	2
Number of wells sampled this period:	12
Number of wells with NAPL (1):	0
Cumulative NAPL recovered to date (gallons):	Approximately 0.02
NAPL recovered this quarter:	0

SITE HYDROLOGY

Average groundwater elevation (of wells gauged):	6.14 feet above mean sea level (msl)
Average groundwater elevation change from previous quarter:	+0.22 feet
Approximate groundwater flow direction:	Predominantly southwest
Approximate hydraulic gradient:	0.01 feet/foot

GROUNDWATER CONDITIONS

Maximum benzene concentration:	660 micrograms per liter (µg/L) – MW-02
Minimum benzene concentration:	ND<0.5 µg/L – 10 Wells
Historical maximum benzene concentration:	6,200 µg/L – MW-02 (1/18/01)
Maximum MTBE (2) concentration:	ND<0.5 µg/L – 12 Wells
Minimum MTBE concentration:	ND<0.5 µg/L – 12 Wells
Historical maximum MTBE concentration:	79 µg/L – P-2 (2/16/98: 8021B)
Maximum TBA (3) concentration:	10 J µg/L – MW-02
Minimum TBA concentration:	ND<5 µg/L – 11 Wells
Historical maximum TBA concentration:	43 µg/L – MW-02 (10/20/2000)

(1) Non-aqueous phase liquid
(2) Methyl tertiary-butyl ether
(3) Tertiary-butyl alcohol

GROUNDWATER TRENDS AND OBSERVATIONS

- Average groundwater elevation for the site this quarter is approximately 0.22 foot higher than the previous quarter.
- Groundwater flow direction remains to the southwest.
- Total petroleum hydrocarbons as gasoline (TPHg) concentrations were detected in 5 of 12 wells samples this quarter. The highest concentration detected was 7,000 µg/L, found in well MW-02.

- Benzene concentrations were detected in 2 of 12 wells. The highest concentration detected was 660 µg/L, found in well MW-02. Benzene concentrations detected in onsite groundwater monitoring wells have been decreasing since the operation of the DPE system.
- Methyl tertiary-butyl ether (MTBE) was not detected in the wells at the site above its method detection limit.
- Tertiary-butyl alcohol (TBA) was detected in one well at a concentration of 10 J µg/L in well MW-02.
- Complete analysis results are present with Attachment 3 and Attachment 7.

ATTACHMENT 3

TABLES

Table 1. Current Groundwater Analyses and Gauging Results
Chevron Environmental Management Company
Former Chevron Service Station No. 9-8721
9971 Adams Avenue, Huntington Beach, California

Well ID	Date Sampled	Screen Interval (ft bgs)	Top of Casing (ft MSL)	Depth to GW (ft bgs)	NAPL Thickness (feet)	GW Elevation (ft MSL)	Depth of Well (ft bgs)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Total Xylenes (ug/L)	MTBE (ug/L)	ETBE (ug/L)	DIPE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	Comments
B-01	12/10/2012	--	11.77	5.89	0	5.88	19.83	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
B-02	12/10/2012	5-17.5	15.16	6.88	0	8.28	14.02	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
MW-01	12/10/2012	5-30	13.82	7.53	0	6.29	30.49	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
MW-02	12/10/2012	4.5-19.5	12.17	5.96	0	6.21	17.35	**7,000**	**660**	**51**	**370**	**770**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**10 J**	ND<50	Pump in well
MW-03	12/10/2012	4.5-19.5	14.27	8.37	0	5.90	18.86	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
MW-04	12/10/2012	5-20	12.52	6.91	0	5.61	20.29	**79**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**0.9 J**	ND<0.5	ND<5	ND<50	--
MW-05	12/10/2012	5-20	11.51	8.32	0	3.19	19.28	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
MW-06	12/10/2012	5-20	13.22	6.61	0	6.61	19.52	**230**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
MW-07	12/10/2012	5-20	13.78	7.39	0	6.39	19.90	**67**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
MW-08	12/10/2012	5 - 25	14.26	7.90	0	6.36	24.76	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
TPE-1B*	12/10/2012	8.9 - 28.9	15.27	8.54	0	6.73	32.26	**22 J**	**0.7 J**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	Pump in well
TPE-2R*	12/10/2012	5 - 25	11.86	5.61	0	6.25	27.96	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	Pump in well
Trip Blank	12/10/2012	--	--	--	--	--	--	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--

Notes:

ug/L = Micrograms per liter
ND = Not detected
NAPL = Non-aqueous phase liquid
TPHg = Total petroleum hydrocarbons as gasoline analyzed by gas chromatography/mass spectrometry (GC/MS) by EPA Method 8260B
MTBE = Methyl tertiary-butyl ether analyzed by EPA Method 8260B
ETBE = Ethyl tertiary-butyl ether analyzed by EPA Method 8260B
DIPE = Di-isopropyl ether analyzed by EPA Method 8260B
TAME = Tertiary-amyl methyl ether analyzed by EPA Method 8260B
TBA = Tertiary-butyl alcohol analyzed by EPA Method 8260B
J = denotes value between method detection limit and detection limit for reporting purposes
Benzene, toluene, ethylbenzene, and total xylenes (collectively termed BTEX) analyzed by EPA Method 8260B unless noted
ft bgs = feet below ground surface
ft MSL = feet above mean sea level
Detected concentrations are shown in bold type
-- = unknown
* Wells TPE-1R, TPE-1B, and TPE-2R have total depths of 33, 33.9, and 30 feet bgs, respectively. These three wells were installed with 5 foot sumps at the bottom.
Top of well casings for MW-02, TPE-1R, and TPE-2R were modified to accommodate pump installation. These wells were resurveyed on 3/18/2010.
Well TPE-1B was surveyed on 6/28/2010.

Table 2. Historical Groundwater Analyses and Gauging Results
Chevron Environmental Management Company
Former Chevron Service Station No. 9-8721
9971 Adams Avenue, Huntington Beach, California

Well ID	Date Sampled	Screen Interval (ft bgs)	Top of Casing (ft MSL)	Depth to GW (ft bgs)	NAPL Thickness (feet)	GW Elevation (ft MSL)	Depth of Well (ft bgs)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Total Xylenes (ug/L)	MTBE 8021B (ug/L)	MTBE 8260 (ug/L)	ETBE (ug/L)	DIPE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	Comments
B-01	1/15/1984	--	--	--	--	--	--	**1,570**	**20**	**50**	ND<0.3	**200**	--	--	--	--	--	--		--
B-01	2/1/1991	--	99.38	8.81	0	90.57	--	**220**	**32**	**2.5**	**0.3**	**2.4**	--	--	--	--	--	--		--
B-01	8/1/1991	--	99.38	8.15	0	91.23	--	**140**	**59**	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--		--
B-01	11/1/1991	--	99.38	9.10	0	90.28	--	ND<500	ND<0.3	**0.6**	**0.9**	ND<0.6	--	--	--	--	--	--		--
B-01	3/1/1992	--	99.38	7.03	0	92.35	--						--	--	--	--	--	--		--
B-01	7/29/1992	--	99.38	7.81	0	91.57	--	**680**	**230**	**1.5**	**0.9**	**2.7**	--	--	--	--	--	--		--
B-01	10/23/1992	--	99.38	8.53	0	90.85	--	ND<500	**75**	**0.4**	**1.9**	**1.4**	--	--	--	--	--	--		--
B-01	2/25/1993	--	99.38	5.86	0	93.52	--	ND<500	**9.9**	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--		Regauged well
B-01	5/1/1993	--	99.38	6.76	0	92.62	--	**200**	**0.7**	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--		--
B-01	5/3/1993	--	99.38	6.08	0	93.30	--	**730**	**460**	**1.9**	**0.4**	**1.5**	--	--	--	--	--	--		--
B-01	7/30/1993	--	99.38	6.58	0	92.80	--	**1,300**	**380**	**1.7**	**0.6**	**2.8**	--	--	--	--	--	--		--
B-01	10/22/1993	--	99.38	7.24	0	92.14	--	**640**	**100**	**0.7**	ND<0.3	**0.7**	--	--	--	--	--	--		--
B-01	1/11/1994	--	99.38	7.31	0	92.07	--	**790**	**15**	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--		--
B-01	4/29/1994	--	99.38	6.17	0	93.21	--	ND<500	**39**	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--		--
B-01	7/27/1994	--	99.38	6.68	0	92.70	--	**510**	**120**	**0.7**	ND<0.3	**1.2**	--	--	--	--	--	--		--
B-01	10/6/1994	--	99.38	7.18	0	92.20	--	ND<500	**11**	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--		--
B-01	1/18/1995	--	99.38	5.61	0	93.77	--	ND<500	**0.6**	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--		--
B-01	4/3/1995	--	99.38	5.21	0	94.17	--	ND<500	**0.9**	**0.4**	ND<0.3	ND<0.6	--	--	--	--	--	--		--
B-01	8/18/1995	--	99.38	6.07	0	93.31	--	**350**	**61**	**0.91**	**0.63**	**1.7**	--	--	--	--	--	--		--
B-01	11/22/1995	--	99.38	6.95	0	92.43	--	**96**	**1**	**0.44**	**1**	**1.1**	--	--	--	--	--	--		--
B-01	2/15/1996	--	99.38	6.08	0	93.30	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<10	--	--	--	--	--		--
B-01	5/29/1996	--	99.38	5.95	0	93.43	--	ND<500	**1.3**	ND<0.3	ND<0.3	ND<0.6	ND<10	--	--	--	--	--	--	--
B-01	7/30/1996	--	99.38	6.98	0	92.40	--	**230**	**100**	**1.6**	**1.4**	**2.9**	ND<10	--	--	--	--	--	--	--
B-01	12/24/1996	--	99.38	6.22	0	93.16	--	ND<500	**1.6**	**0.4**	ND<0.3	ND<0.6	ND<10	--	--	--	--	--	--	--
B-01	12/24/1996	--	99.38	6.22	0	93.16	--	ND<500	**1.6**	**0.4**	ND<0.3	ND<0.6	ND<10	--	--	--	--	--	--	--
B-01	3/5/1997	--	99.38	5.67	0	93.71	--	ND<500	**3.2**	**0.6**	ND<0.3	ND<0.6	ND<10	--	--	--	--	--	--	--
B-01	5/30/1997	--	99.38	6.21	0	93.17	--	**1,200**	**370**	**7.2**	**2.1**	**9.4**	ND<10	--	--	--	--	--	--	--
B-01	9/17/1997	--	99.38	7.22	0	92.16	--	**60**	ND<0.3	**1**	**0.7**	**2.4**	**2.6**	--	--	--	--	--	--	--
B-01	9/17/1997	--	99.38	7.22	0	92.16	--	ND<500	ND<0.3	**1**	ND<0.3	**0.8**	**2.6**	--	--	--	--	--	--	--
B-01	12/16/1997	--	99.38	6.85	0	92.53	--	ND<500	**0.3**	ND<0.3	ND<0.3	ND<0.6	ND<10	--	--	--	--	--	--	--
B-01	12/16/1997	--	99.38	6.85	0	92.53	--	ND<500	ND<0.3	**0.6**	ND<0.3	ND<0.6	**1.7**	--	--	--	--	--	--	--
B-01	2/16/1998	--	99.38	5.58	0	93.80	--	ND<500	ND<0.3	ND<0.3	ND<0.6	ND<0.6	**1.3**	--	--	--	--	--	--	--
B-01	6/1/1998	--	99.38	5.40	0	93.98	--	ND<500	ND<0.3	ND<0.3	ND<0.6	ND<0.6	**2.3**	--	--	--	--	--	--	--
B-01	9/11/1998	--	99.38	6.27	0	93.11	--	ND<500	ND<0.3	ND<0.3	ND<0.6	ND<0.6	ND<10	--	--	--	--	--	--	--
B-01	11/25/1998	--	99.38	6.95	0	92.43	19.85	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<10	--	--	--	--	--	--	No purge sampling
B-01	1/18/1999	--	99.38	7.10	0	92.28	19.81	ND<1,000	ND<0.6	**7.0**	**0.8**	**3.2**	ND<20	--	--	--	--	--	--	No purge sampling
B-01	8/11/1999	--	99.38	6.65	0	92.73	19.78	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<10	--	--	--	--	--	--	--
B-01	10/4/1999	--	9.79	7.15	0	2.64	19.80	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<10	--	--	--	--	--	--	--
B-01	1/13/2000	--	9.79	7.42	0	2.37	19.83	ND<500	**6.0**	**0.5**	**1.0**	**1.0**	ND<5	--	--	--	--	--	--	--
B-01	4/19/2000	--	9.79	6.47	0	3.32	19.84	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<5	--	--	--	--	--	--	--
B-01	7/20/2000	--	9.79	6.86	0	2.93	19.79	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<5	--	--	--	--	--	--	--
B-01	10/20/2000	--	9.79	7.20	0	2.59	19.83	ND<500	ND<5	ND<5	ND<5	ND<5	--	ND<1	ND<1	ND<1	ND<1	ND<20	--	--
B-01	1/18/2001	--	9.79	6.78	0	3.01	19.82	ND<100	ND<5	ND<5	ND<5	ND<5	--	ND<1	ND<1	ND<1	ND<1	ND<20	--	--
B-01	6/6/2001	--	9.79	6.00	0	3.79	13.83	ND<100	ND<5	ND<5	ND<5	ND<5	--	ND<1	ND<1	ND<1	ND<1	ND<10	--	--
B-01	8/29/2001	--	9.79	6.48	0	3.31	19.83	**112**	**2.8**	ND<5	ND<5	ND<5	--	ND<1	ND<1	ND<1	ND<1	ND<10	--	--
B-01	12/4/2001	--	9.79	7.58	0	2.21	19.92	**134**	**3.7**	ND<5	ND<5	ND<5	--	ND<1	ND<1	ND<1	ND<1	ND<10	--	--
B-01	2/12/2002	--	9.79	7.57	0	2.22	19.86	**166**	**13.0**	**1.6 J**	ND<5	**6.6**	--	ND<1	ND<1	ND<1	ND<1	ND<10	--	--
B-01	6/11/2002	--	9.79	7.12	0	2.67	19.85	**177**	**8.9**	ND<5	ND<5	ND<5	--	ND<1	ND<1	ND<1	ND<1	ND<10	--	--
B-01	9/11/2002	--	11.77	7.64	0	4.13	19.88	ND<100	ND<1	ND<5	ND<5	ND<5	--	ND<1	ND<1	ND<1	ND<1	ND<10	--	--

Table 2. Historical Groundwater Analyses and Gauging Results
Chevron Environmental Management Company
Former Chevron Service Station No. 9-8721
9971 Adams Avenue, Huntington Beach, California

Well ID	Date Sampled	Screen Interval (ft bgs)	Top of Casing (ft MSL)	Depth to GW (ft bgs)	NAPL Thickness (feet)	GW Elevation (ft MSL)	Depth of Well (ft bgs)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Total Xylenes (ug/L)	MTBE 8021B (ug/L)	MTBE 8260 (ug/L)	ETBE (ug/L)	DIPE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	Comments
B-01	12/6/2002	--	11.77	7.25	0	4.52	19.84	ND<100	ND<1	ND<5	ND<5	ND<5	--	ND<1	ND<1	ND<1	ND<1	ND<10	--	--
B-01	2/4/2003	--	11.77	7.09	0	4.68	19.84	ND<50	ND<1	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
B-01	4/7/2003	--	11.77	6.30	0	5.47	19.84	ND<50	ND<1	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
B-01	7/1/2003	--	11.77	6.80	0	4.97	19.86	ND<50	ND<1	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
B-01	10/1/2003	--	11.77	7.16	0	4.61	19.85	ND<50	**1.2 J**	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
B-01	1/5/2004	--	11.77	7.32	0	4.45	19.85	ND<50	ND<1	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	ND<50	--
B-01	4/6/2004	--	11.77	6.53	0	5.24	19.81	ND<50	ND<1	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
B-01	7/8/2004	--	11.77	6.22	0	5.55	19.78	ND<50	ND<1	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
B-01	12/13/2004	--	11.77	6.18	0	5.59	19.85	ND<50	ND<1	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
B-01	3/31/2005	--	11.77	4.85	0	6.92	19.81	ND<50	ND<1	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
B-01	6/21/2005	--	11.77	5.36	0	6.41	19.88	ND<50	**6.8**	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
B-01	9/24/2005	--	11.77	5.80	0	5.97	20.08	ND<50	ND<1	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
B-01	12/12/2005	--	11.77	5.87	0	5.90	19.86	ND<50	ND<0.28	ND<0.36	ND<0.25	ND<0.52	--	ND<0.32	ND<0.28	ND<0.25	ND<0.33	ND<3.1	--	--
B-01	3/13/2006	--	11.77	5.60	0	6.17	19.87	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	--	--
B-01	6/1/2006	--	11.77	5.42	0	6.35	19.86	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	--	--
B-01	9/21/2006	--	11.77	5.80	0	5.97	19.83	**25 J**	**0.5 J**	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	--	--
B-01	12/12/2006	--	11.77	6.16	0	5.61	19.83	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	--	--
B-01	2/5/2007	--	11.77	6.12	0	5.65	19.81	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**2 J**	--	--
B-01	5/3/2007	--	11.77	6.07	0	5.70	19.85	ND<22	**2**	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	--	--
B-01	8/7/2007	--	11.77	6.28	0	5.49	19.87	ND<22	**0.8 J**	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**2 J**	--	--
B-01	10/5/2007	--	11.77	6.37	0	5.40	19.70	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	--	--
B-01	2/15/2008	--	11.77	6.41	0	5.36	19.85	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	--	--
B-01	6/23/2008	--	11.77	6.24	0	5.53	19.80	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	--	--
B-01	9/2/2008	--	11.77	6.16	0	5.61	18.97	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
B-01	12/2/2008	--	11.77	6.16	0	5.61	18.97	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
B-01	3/4/2009	--	11.77	6.68	0	5.09	19.85	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	Pre-purge
B-01	3/4/2009	--	11.77	6.68	0	5.09	19.85	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	Post-purge
B-01	6/15/2009	--	11.77	6.49	0	5.28	19.79	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	Non-purge sample
B-01	7/28/2009	--	11.77	6.68	0	5.09	19.86	**42 J**	ND<0.5	**0.5 J**	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	Non-purge sample
B-01	11/6/2009	--	11.77	6.97	0	4.80	19.87	**30 J**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
B-01	3/3/2010	--	11.77	6.33	0	5.44	19.87	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
B-01	6/1/2010	--	11.77	7.01	0	4.76	19.84	**150**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
B-01	8/31/2010	--	11.77	6.22	0	5.55	19.89	**55**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
B-01	12/1/2010	--	11.77	5.45	0	6.32	19.85	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
B-01	3/2/2011	--	11.77	4.95	0	6.82	--	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
B-01	6/2/2011	--	11.77	7.27	0	4.50	--	**26 J**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
B-01	9/6/2011	--	11.77	7.79	0	3.98	19.85	**160**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
B-01	12/5/2011	--	11.77	6.92	0	4.85	19.60	**100**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
B-01	3/5/2012	--	11.77	5.71	0	6.06	19.87	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
B-01	6/4/2012	--	11.77	5.48	0	6.29	19.85	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
B-01	9/10/2012	--	11.77	6.04	0	5.73	19.86	**48 J**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	**0.7 J**	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
B-01	12/10/2012	--	11.77	5.89	0	5.88	19.83	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
B-2	1/15/1984	--	102.76	10.62	0	92.14	--	**157**	**2.4**	**3.8**	**4.4**	**0.7**	--	--	--	--	--	--	--	Abandoned
B-02	2/1/1991	5-17.5	102.76	11.96	0	90.80	--	**3,400**	**1,200**	**21**	**45**	**54**	--	--	--	--	--	--	--	--
B-02	8/1/1991	5-17.5	102.76	11.35	0	91.41	--	**580**	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--	--
B-02	11/1/1991	5-17.5	102.76	12.31	0	90.45	--	ND<500	ND<0.3	**0.4**	ND<0.3	ND<0.6	--	--	--	--	--	--	--	--
B-02	3/1/1992	5-17.5	102.76	10.25	0	92.51	--	**660**	**140**	**0.8**	**0.7**	**1.7**	--	--	--	--	--	--	--	--

Table 2. Historical Groundwater Analyses and Gauging Results
Chevron Environmental Management Company
Former Chevron Service Station No. 9-8721
9971 Adams Avenue, Huntington Beach, California

Well ID	Date Sampled	Screen Interval (ft bgs)	Top of Casing (ft MSL)	Depth to GW (ft bgs)	NAPL Thickness (feet)	GW Elevation (ft MSL)	Depth of Well (ft bgs)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Total Xylenes (ug/L)	MTBE 8021B (ug/L)	MTBE 8260 (ug/L)	ETBE (ug/L)	DIPE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	Comments
B-02	5/1/1992	5-17.5	102.76	9.96	0	92.80	--	**1,700**	**110**	ND<0.3	**22**	**16**	--	--	--	--	--	--	--	--
B-02	7/29/1992	5-17.5	102.76	10.52	0	92.24	--	**640**	**43**	**1.4**	**1.9**	**1.5**	--	--	--	--	--	--	--	--
B-02	10/23/1992	5-17.5	102.76	11.40	0	91.36	--	**1,200**	**600**	**2.7**	**2**	**8.5**	--	--	--	--	--	--	--	--
B-02	2/25/1993	5-17.5	102.76	8.90	0	93.86	--	**2,200**	**120**	**5.1**	**2.8**	**2.6**	--	--	--	--	--	--	--	--
B-02	5/3/1993	5-17.5	102.76	9.08	0	93.68	--	**560**	**20**	**0.3**	**0.4**	ND<0.6	--	--	--	--	--	--	--	--
B-02	7/30/1993	5-17.5	102.76	9.73	0	93.03	--	ND<500	**20**	**1.2**	ND<0.3	**0.8**	--	--	--	--	--	--	--	--
B-02	10/22/1993	5-17.5	102.76	10.36	0	92.40	--	ND<500	**50**	**1.5**	ND<0.3	**0.9**	--	--	--	--	--	--	--	--
B-02	1/11/1994	5-17.5	102.76	10.49	0	92.27	--	**540**	**110**	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--	--
B-02	4/29/1994	5-17.5	102.76	9.41	0	93.35	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--	--
B-02	7/27/1994	5-17.5	102.76	8.87	0	93.89	--	ND<500	**1.1**	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--	--
B-02	10/6/1994	5-17.5	102.76	10.03	0	92.73	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--	--
B-02	1/18/1995	5-17.5	102.76	8.91	0	93.85	--	**590**	**30**	**2.7**	**0.8**	**3.4**	--	--	--	--	--	--	--	--
B-02	4/3/1995	5-17.5	102.76	8.51	0	94.25	--	ND<500	ND<0.3	ND<0.3	ND<0.3	**1.1**	--	--	--	--	--	--	--	--
B-02	8/18/1995	5-17.5	102.76	9.26	0	93.50	--	**280**	ND<0.3	**0.69**	**1.5**	**1.2**	--	--	--	--	--	--	--	--
B-02	11/22/1995	5-17.5	102.76	10.15	0	92.61	--	**14,000**	**63**	**810**	**670**	**5,400**	--	--	--	--	--	--	--	--
B-02	2/15/1996	5-17.5	102.76	9.36	0	93.40	--	**2,300**	**22**	ND<0.3	**58**	**1,100**	ND<10	--	--	--	--	--	--	--
B-02	5/29/1996	5-17.5	102.76	9.25	0	93.51	--	**14,000**	**8.6**	ND<0.3	**95**	**1,300**	ND<10	--	--	--	--	--	--	--
B-02	7/30/1996	5-17.5	102.76	9.55	0	93.21	--	**4,100**	**20**	**7.5**	**4.8**	**57**	ND<10	--	--	--	--	--	--	--
B-02	12/24/1996	5-17.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-02	3/5/1997	5-17.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-02	5/30/1997	5-17.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-02	9/17/1997	5-17.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-02	12/16/1997	5-17.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-02	2/16/1998	5-17.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-02	6/1/1998	5-17.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-02	9/11/1998	5-17.5	102.76	9.45	0	93.31	--	**9,900**	**92**	**8.9**	**240**	**230**	**26**	--	--	--	--	--	--	--
B-02	9/11/1998	5-17.5	--	--	--	--	--	**9,000**	**84**	**7.9**	**190**	**190**	**38**	--	--	--	--	--	--	--
B-02	11/25/1998	5-17.5	102.76	10.12	0	92.64	16.37	ND<500	**1.5**	**6**	**0.8**	**2.5**	**16**	ND<20	--	--	--	--	--	No purge sampling
B-02	1/18/1999	5-17.5	102.76	10.09	0	92.67	16.32	ND<12,500	**9**	**208**	**26**	**105**	ND<250	--	--	--	--	--	--	No purge sampling
B-02	8/11/1999	5-17.5	102.76	9.91	0	92.85	16.29	ND<500	ND<0.3	**2.6**	ND<0.3	ND<0.6	ND<10	--	--	--	--	--	--	--
B-02	10/4/1999	5-17.5	102.76	10.39	0.02	92.39	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
B-02	1/13/2000	5-17.5	102.76	10.66	0	92.10	16.34	**10,000**	**1.0**	**4.7**	**43**	**70**	ND<5	--	--	--	--	--	--	--
B-02	4/19/2000	5-17.5	102.76	9.76	0	93.00	16.33	**250 J**	**4.0**	**1.0**	**1.0**	**2.0**	ND<5	--	--	--	--	--	--	--
B-02	7/20/2000	5-17.5	102.76	10.08	0	92.68	16.31	**2,410**	**80**	**3.0**	**24**	**43**	**6.0**	--	--	--	--	--	--	--
B-02	10/20/2000	5-17.5	102.76	9.13	0	93.63	18.17	**5,310**	**59**	ND<5	**45**	**26**	--	ND<1	ND<1	ND<1	ND<1	ND<20	--	--
B-02	1/18/2001	5-17.5	102.76	9.96	0	92.80	16.35	**716**	**2.9 J**	ND<5	ND<5	**7**	--	ND<1	ND<1	ND<1	ND<1	ND<20	--	--
B-02	6/6/2001	5-17.5	102.76	9.27	0	93.49	16.35	**2,700**	**111**	**2.8 J**	**51**	**103**	--	ND<1	ND<1	ND<1	ND<1	ND<10	--	--
B-02	8/29/2001	5-17.5	11.10*	9.72	0	1.38	16.35	**3,450**	**78**	ND<50	**41 J**	**38 J**	--	ND<10	ND<10	ND<10	ND<10	ND<100	--	--
B-02	12/4/2001	5-17.5	11.10*	10.73	0	0.37	16.41	**2,160**	ND<10	ND<50	ND<50	ND<50	--	ND<10	ND<10	ND<10	ND<10	ND<100	--	--
B-02	2/12/2002	5-17.5	11.10*	10.74	0	0.36	16.31	**2,260**	**32**	ND<50	ND<50	ND<50	--	ND<10	ND<10	ND<10	ND<10	ND<100	--	--
B-02	6/11/2002	5-17.5	11.10*	8.24	0	2.86	14.00	**2,060**	**91**	ND<5	ND<5	ND<5	--	ND<1	ND<1	ND<1	ND<1	ND<10	--	--
B-02	9/11/2002	5-17.5	15.16	8.46	0	6.70	14.00	**1,340**	**23**	ND<5	ND<5	ND<5	--	ND<1	ND<1	ND<1	ND<1	ND<10	--	--
B-02	12/6/2002	5-17.5	15.16	8.20	0	6.96	14.00	**787**	ND<1	ND<5	ND<5	ND<5	--	ND<1	ND<1	ND<1	ND<1	ND<10	--	--
B-02	2/4/2003	5-17.5	15.16	7.98	0	7.18	14.00	**590**	ND<1	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
B-02	4/7/2003	5-17.5	15.16	7.16	0	8.00	14.00	**300**	ND<1	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
B-02	7/1/2003	5-17.5	15.16	7.58	0	7.58	14.03	**590**	**42**	ND<1	**2.4 J**	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
B-02	10/1/2003	5-17.5	15.16	8.10	0	7.06	14.00	**380**	**17**	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
B-02	1/5/2004	5-17.5	15.16	8.12	0	7.04	14.00	**110**	ND<1	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	ND<50	--
B-02	4/6/2004	5-17.5	15.16	7.46	0	7.70	13.97	**68 J**	**1.8 J**	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--

Table 2. Historical Groundwater Analyses and Gauging Results
Chevron Environmental Management Company
Former Chevron Service Station No. 9-8721
9971 Adams Avenue, Huntington Beach, California

Well ID	Date Sampled	Screen Interval (ft bgs)	Top of Casing (ft MSL)	Depth to GW (ft bgs)	NAPL Thickness (feet)	GW Elevation (ft MSL)	Depth of Well (ft bgs)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Total Xylenes (ug/L)	MTBE 8021B (ug/L)	MTBE 8260 (ug/L)	ETBE (ug/L)	DIPE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	Comments
B-02	12/13/2004	5-17.5	15.16	7.12	0	8.04	14.02	ND<50	ND<1	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
B-02	3/31/2005	5-17.5	15.16	5.87	0	9.29	13.97	ND<50	ND<1	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
B-02	6/21/2005	5-17.5	15.16	6.30	0	8.86	14.00	ND<50	ND<1	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
B-02	9/24/2005	5-17.5	15.16	6.60	0	8.56	14.20	ND<50	ND<1	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
B-02	12/12/2005	5-17.5	15.16	6.86	0	8.30	14.03	ND<50	ND<0.28	ND<0.36	ND<0.25	ND<0.52	--	ND<0.32	ND<0.28	ND<0.25	ND<0.33	ND<3.1	--	--
B-02	3/13/2006	5-17.5	15.16	6.60	0	8.56	14.06	**29 J**	**1 J**	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	--	--
B-02	6/1/2006	5-17.5	15.16	6.47	0	8.69	14.00	**36 J**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	--	--
B-02	9/21/2006	5-17.5	15.16	6.77	0	8.39	13.95	**51**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	--	--
B-02	12/12/2006	5-17.5	15.16	7.12	0	8.04	13.95	**28 J**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	--	--
B-02	2/5/2007	5-17.5	15.16	7.10	0	8.06	13.94	**65**	**4**	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	--	--
B-02	5/3/2007	5-17.5	15.16	7.03	0	8.13	14.04	**58**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	--	--
B-02	8/7/2007	5-17.5	15.16	7.21	0	7.95	14.58	**67**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	--	--
B-02	10/5/2007	5-17.5	15.16	7.35	0	7.81	13.94	**72**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	--	--
B-02	2/15/2008	5-17.5	15.16	7.37	0	7.79	14.00	**43 J**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	--	--
B-02	6/23/2008	5-17.5	15.16	7.20	0	7.96	13.97	**38 J**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	--	--
B-02	9/2/2008	5-17.5	15.16	7.25	0	7.91	14.00	**240**	**10**	ND<0.5	**4**	**1 J**	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
B-02	12/2/2008	5-17.5	15.16	7.53	0	7.63	14.00	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
B-02	3/4/2009	5-17.5	15.16	7.62	0	7.54	13.99	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	Pre-purge
B-02	3/4/2009	5-17.5	15.16	7.62	0	7.54	13.99	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	Post-purge
B-02	6/15/2009	5-17.5	15.16	7.38	0	7.78	13.93	**29 J**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	Non-purge sample
B-02	7/28/2009	5-17.5	15.16	--	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Sampled semi-annually
B-02	11/6/2009	5-17.5	15.16	7.88	0	7.28	14.02	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
B-02	3/3/2010	5-17.5	15.16	6.45	0	8.71	14.00	--	--	--	--	--	--	--	--	--	--	--	--	Sampled semi-annually
B-02	6/1/2010	5-17.5	15.16	7.23	0	7.93	13.98	**60**	**3 J**	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
B-02	8/31/2010	5-17.5	15.16	7.17	0	7.99	14.03	--	--	--	--	--	--	--	--	--	--	--	--	Sampled semi-annually
B-02	12/1/2010	5-17.5	15.16	6.50	0	8.66	14.00	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
B-02	3/2/2011	5-17.5	15.16	5.94	0	9.22	--	--	--	--	--	--	--	--	--	--	--	--	--	Sampled semi-annually
B-02	6/2/2011	5-17.5	15.16	6.65	0	8.51	--	ND<22	**1 J**	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
B-02	9/6/2011	5-17.5	15.16	7.31	0	7.85	14.02	--	--	--	--	--	--	--	--	--	--	--	--	Sampled semi-annually
B-02	12/5/2011	5-17.5	15.16	7.23	0	7.93	13.74	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
B-02	3/5/2012	5-17.5	15.16	6.54	0	8.62	14.04	--	--	--	--	--	--	--	--	--	--	--	--	Sampled semi-annually
B-02	6/4/2012	5-17.5	15.16	6.53	0	8.63	13.99	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
B-02	9/10/2012	5-17.5	15.16	6.87	0	8.29	14.09	--	--	--	--	--	--	--	--	--	--	--	--	Sampled semi-annually
B-02	12/10/2012	5-17.5	15.16	6.88	0	8.28	14.02	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
B-08	8/29/2001	--	--	7.79	0	--	31.70	**488**	**134**	ND<50	ND<50	ND<50	--	ND<10	ND<10	ND<10	ND<10	ND<100	--	owned by Shell station
MW-01	8/4/1994	5-30	100.69	7.79	0	92.90	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--	--
MW-01	10/6/1994	5-30	100.69	8.24	0	92.45	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--	--
MW-01	1/18/1995	5-30	100.69	6.77	0	93.92	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--	--
MW-01	4/3/1995	5-30	100.69	6.26	0	94.43	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--	--
MW-01	8/18/1995	5-30	100.69	7.86	0	92.83	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--	--
MW-01	11/22/1995	5-30	100.69	8.83	0	91.86	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--	--
MW-01	2/15/1996	5-30	100.69	7.97	0	92.72	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<10	--	--	--	--	--	--	--
MW-01	5/29/1996	5-30	100.69	7.75	0	92.94	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<10	--	--	--	--	--	--	--
MW-01	7/30/1996	5-30	100.69	8.49	0	92.20	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<10	--	--	--	--	--	--	--
MW-01	12/24/1996	5-30	100.69	8.18	0	92.51	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<10	--	--	--	--	--	--	--
MW-01	3/5/1997	5-30	100.69	7.58	0	93.11	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<10	--	--	--	--	--	--	--
MW-01	5/30/1997	5-30	100.69	8.17	0	92.52	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<10	--	--	--	--	--	--	--

Table 2. Historical Groundwater Analyses and Gauging Results
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Former Chevron Service Station No. 9-8721
9971 Adams Avenue, Huntington Beach, California

Well ID	Date Sampled	Screen Interval (ft bgs)	Top of Casing (ft MSL)	Depth to GW (ft bgs)	NAPL Thickness (feet)	GW Elevation (ft MSL)	Depth of Well (ft bgs)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Total Xylenes (ug/L)	MTBE 8021B (ug/L)	MTBE 8260 (ug/L)	ETBE (ug/L)	DIPE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	Comments
MW-01	9/17/1997	5-30	100.69	9.24	0	91.45	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<10	--	--	--	--	--	--	--
MW-01	12/16/1997	5-30	100.69	8.77	0	91.92	--	ND<500	ND<0.3	ND<0.3	ND<0.3	**1.1**	**6.5**	--	--	--	--	--	--	--
MW-01	2/16/1998	5-30	100.69	7.37	0	93.32	--	ND<500	ND<0.3	ND<0.3	ND<0.6	ND<0.6	ND<10	--	--	--	--	--	--	--
MW-01	6/1/1998	5-30	100.69	7.21	0	93.48	--	ND<500	ND<0.3	ND<0.3	ND<0.6	ND<0.6	ND<10	--	--	--	--	--	--	--
MW-01	9/11/1998	5-30	100.69	8.13	0	92.56	--	ND<500	ND<0.3	ND<0.3	ND<0.6	ND<0.6	ND<10	--	--	--	--	--	--	--
MW-01	11/25/1998	5-30	100.69	8.79	0	91.90	30.46	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<10	--	--	--	--	--	--	No purge sampling
MW-01	1/18/1999	5-30	100.69	8.81	0	91.88	30.43	ND<1,000	ND<0.6	**8**	**0.8**	**3.7**	ND<20	--	--	--	--	--	--	No purge sampling
MW-01	8/11/1999	5-30	100.69	8.68	0	92.01	30.40	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<10	--	--	--	--	--	--	--
MW-01	10/4/1999	5-30	11.73	9.22	0	2.51	30.45	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<10	--	--	--	--	--	--	--
MW-01	1/13/2000	5-30	11.73	9.37	0	2.36	30.46	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<5	--	--	--	--	--	--	--
MW-01	4/19/2000	5-30	11.73	8.34	0	3.39	30.47	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<5	--	--	--	--	--	--	--
MW-01	7/20/2000	5-30	11.73	8.80	0	2.93	30.33	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<5	--	--	--	--	--	--	--
MW-01	10/20/2000	5-30	11.73	9.23	0	2.50	30.32	ND<500	ND<5	ND<5	ND<5	ND<5	--	ND<1	ND<1	ND<1	ND<1	ND<20	--	--
MW-01	1/18/2001	5-30	11.73	8.76	0	2.97	30.35	ND<100	ND<5	ND<5	ND<5	ND<5	--	ND<1	ND<1	ND<1	ND<1	ND<20	--	--
MW-01	6/6/2001	5-30	11.73	7.89	0	3.84	30.32	ND<100	ND<5	ND<5	ND<5	ND<5	--	ND<1	ND<1	ND<1	ND<1	ND<10	--	--
MW-01	8/29/2001	5-30	11.73	8.50	0	3.23	30.32	ND<100	ND<5	ND<5	ND<5	ND<5	--	ND<1	ND<1	ND<1	ND<1	ND<10	--	--
MW-01	12/4/2001	5-30	11.73	9.49	0	2.24	30.55	ND<100	ND<1	ND<5	ND<5	ND<5	--	ND<1	ND<1	ND<1	ND<1	ND<10	--	--
MW-01	2/12/2002	5-30	11.73	9.36	0	2.37	30.50	ND<100	ND<1	ND<5	ND<5	ND<5	--	ND<1	ND<1	ND<1	ND<1	ND<10	--	--
MW-01	6/11/2002	5-30	11.73	9.33	0	2.40	30.48	ND<100	ND<1	ND<5	ND<5	ND<5	--	ND<1	ND<1	ND<1	ND<1	ND<10	--	--
MW-01	9/11/2002	5-30	13.82	9.60	0	4.22	30.52	ND<100	ND<1	ND<5	ND<5	ND<5	--	ND<1	ND<1	ND<1	ND<1	ND<10	--	--
MW-01	12/6/2002	5-30	13.82	9.36	0	4.46	30.49	ND<100	ND<1	ND<5	ND<5	ND<5	--	ND<1	ND<1	ND<1	ND<1	ND<10	--	--
MW-01	2/4/2003	5-30	13.82	8.97	0	4.85	30.50	ND<50	ND<1	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
MW-01	4/7/2003	5-30	13.82	8.11	0	5.71	30.50	ND<50	ND<1	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
MW-01	7/1/2003	5-30	13.82	8.52	0	5.30	30.50	ND<50	ND<1	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
MW-01	10/1/2003	5-30	13.82	9.15	0	4.67	30.49.	ND<50	ND<1	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
MW-01	1/5/2004	5-30	13.82	9.38	0	4.44	30.51	ND<50	ND<1	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	ND<50	--
MW-01	4/6/2004	5-30	13.82	8.39	0	5.43	30.45	ND<50	ND<1	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
MW-01	7/8/2004	5-30	13.82	8.47	0	5.35	30.40	ND<50	ND<1	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
MW-01	12/13/2004	5-30	13.82	8.02	0	5.80	30.47	ND<50	ND<1	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
MW-01	3/31/2005	5-30	13.82	6.66	0	7.16	30.46	ND<50	ND<1	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
MW-01	6/21/2005	5-30	13.82	7.11	0	6.71	30.52	ND<50	ND<1	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
MW-01	9/24/2005	5-30	13.82	7.48	0	6.34	30.72	ND<50	ND<1	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
MW-01	12/12/2005	5-30	13.82	7.61	0	6.21	30.51	ND<50	ND<0.28	ND<0.36	ND<0.25	ND<0.52	--	ND<0.32	ND<0.28	ND<0.25	ND<0.33	ND<3.1	--	--
MW-01	3/13/2006	5-30	13.82	7.30	0	6.52	30.52	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	--	--
MW-01	6/1/2006	5-30	13.82	7.05	0	6.77	30.51	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	--	--
MW-01	9/21/2006	5-30	13.82	7.57	0	6.25	30.45	**26 J**	ND<0.5	ND<0.5	ND<0.5	**0.5 J**	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	--	--
MW-01	12/12/2006	5-30	13.82	7.83	0	5.99	30.48	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	--	--
MW-01	2/5/2007	5-30	13.82	7.85	0	5.97	30.46	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	--	--
MW-01	5/3/2007	5-30	13.82	7.82	0	6.00	30.52	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	--	--
MW-01	8/7/2007	5-30	13.82	8.22	0	5.60	30.52	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	--	--
MW-01	10/5/2007	5-30	13.82	8.42	0	5.40	30.41	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	--	--
MW-01	2/15/2008	5-30	13.82	8.38	0	5.44	30.50	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	--	--
MW-01	6/23/2008	5-30	13.82	8.19	0	5.63	39.45	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	--	--
MW-01	9/2/2008	5-30	13.82	8.34	0	5.48	30.51	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
MW-01	12/2/2008	5-30	13.82	8.53	0	5.29	30.51	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
MW-01	3/4/2009	5-30	13.82	8.47	0	5.35	30.51	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	Pre-purge
MW-01	3/4/2009	5-30	13.82	8.47	0	5.35	30.51	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	Post-purge
MW-01	6/15/2009	5-30	13.82	8.32	0	5.50	30.45	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	Non-purge sample
MW-01	7/28/2009	5-30	13.82	--	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Sampled semi-annually

Table 2. Historical Groundwater Analyses and Gauging Results
Chevron Environmental Management Company
Former Chevron Service Station No. 9-8721
9971 Adams Avenue, Huntington Beach, California

Well ID	Date Sampled	Screen Interval (ft bgs)	Top of Casing (ft MSL)	Depth to GW (ft bgs)	NAPL Thickness (feet)	GW Elevation (ft MSL)	Depth of Well (ft bgs)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Total Xylenes (ug/L)	MTBE 8021B (ug/L)	MTBE 8260 (ug/L)	ETBE (ug/L)	DIPE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	Comments
MW-01	11/6/2009	5-30	13.82	8.77	0	5.05	30.51	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
MW-01	3/3/2010	5-30	13.82	7.13	0	6.69	30.51	--	--	--	--	--	--	--	--	--	--	--	--	Sampled semi-annually
MW-01	6/1/2010	5-30	13.82	7.55	0	6.27	30.50	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
MW-01	8/31/2010	5-30	13.82	7.71	0	6.11	30.55	--	--	--	--	--	--	--	--	--	--	--	--	Sampled semi-annually
MW-01	12/1/2010	5-30	13.82	7.21	0	6.61	30.50	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
MW-01	3/2/2011	5-30	13.82	6.44	0	7.38	--	--	--	--	--	--	--	--	--	--	--	--	--	Sampled semi-annually
MW-01	6/2/2011	5-30	13.82	6.91	0	6.91	--	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
MW-01	9/6/2011	5-30	13.82	7.69	0	6.13	30.52	--	--	--	--	--	--	--	--	--	--	--	--	Sampled semi-annually
MW-01	12/5/2011	5-30	13.82	7.71	0	6.11	30.27	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
MW-01	3/5/2012	5-30	13.82	7.13	0	6.69	30.53	--	--	--	--	--	--	--	--	--	--	--	--	Sampled semi-annually
MW-01	6/4/2012	5-30	13.82	7.11	0	6.71	30.51	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
MW-01	9/10/2012	5-30	13.82	7.49	0	6.33	30.52	--	--	--	--	--	--	--	--	--	--	--	--	Sampled semi-annually
MW-01	12/10/2012	5-30	13.82	7.53	0	6.29	30.49	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
MW-02	8/11/1999	4.5-19.5	11.51	8.61	0	2.90	19.24	**13,100 J**	**423**	**205**	ND<30	**2,100**	ND<1,000	--	--	--	--	--	--	--
MW-02	10/4/1999	4.5-19.5	11.51	9.06	0	2.45	17.80	**169 J**	**1.5**	**1.7**	ND<0.3	ND<0.6	ND<10	--	--	--	--	--	--	--
MW-02	1/13/2000	4.5-19.5	11.51	9.30	0	2.21	17.70	**15,400**	**1,800**	**70**	**370**	**74**	ND<50	--	--	--	--	--	--	--
MW-02	4/19/2000	4.5-19.5	11.51	8.30	0	3.21	18.20	**7,800**	**1,320**	**82**	**120**	**145**	**62**	ND<50	--	--	--	--	--	--
MW-02	7/20/2000	4.5-19.5	11.51	8.75	0	2.76	18.06	**6,120**	**1,360**	**201**	**252**	**270**	**36**	ND<5	--	--	--	--	--	--
MW-02	10/20/2000	4.5-19.5	11.51	10.31	0	1.20	16.37	**18,700**	**2,420**	**42**	**223**	**109**	--	ND<1	ND<1	ND<1	ND<1	**43**	--	--
MW-02	1/18/2001	4.5-19.5	11.51	8.68	0	2.83	18.10	**14,800**	**6,200**	**42**	**83**	**78**	--	ND<1	ND<1	ND<1	ND<1	ND<20	--	--
MW-02	6/6/2001	4.5-19.5	11.51	7.84	0	3.67	18.10	**13,700**	**5,280**	**60**	**358**	**338**	--	ND<50	ND<50	ND<50	ND<50	ND<500	--	--
MW-02	8/29/2001	4.5-19.5	11.51	8.54	0	2.97	18.10	**6,860**	**3,080**	ND<50	**104**	ND<50	--	ND<10	ND<10	ND<10	ND<10	ND<100	--	--
MW-02	12/4/2001	4.5-19.5	11.51	9.48	0	2.03	18.60	**7,190**	**2,850**	ND<250	ND<250	ND<250	--	ND<50	ND<50	ND<50	ND<50	ND<500	--	--
MW-02	2/12/2002	4.5-19.5	11.51	9.45	0	2.06	18.49	**14,300**	**5,240**	ND<500	**215 J**	ND<500	--	ND<100	ND<100	ND<100	ND<100	ND<1000	--	--
MW-02	6/11/2002	4.5-19.5	11.51	9.15	0	2.36	19.05	**5,840**	**1,620**	**187**	ND<5	**977**	--	ND<1	ND<1	ND<1	ND<1	**37**	--	Sheen
MW-02	9/11/2002	4.5-19.5	13.52	9.51	0	4.05	--	--	--	--	--	--	--	--	--	--	--	--	--	NAPL present
MW-02	12/6/2002	4.5-19.5	13.52	9.13	0	4.41	--	--	--	--	--	--	--	--	--	--	--	--	--	NAPL present
MW-02	2/4/2003	4.5-19.5	13.52	8.91	0	4.61	19.05	**7,800**	**4,700**	**52J**	**140J**	**340**	--	ND<100	ND<100	ND<100	ND<100	ND<500	--	NAPL traces
MW-02	4/7/2003	4.5-19.5	13.52	8.04	0	5.48	19.34	**5,100**	**3,000**	ND<50	**74 J**	**190 J**	--	ND<100	ND<100	ND<100	ND<100	ND<500	--	Sheen
MW-02	7/1/2003	4.5-19.5	13.52	8.59	0	4.93	19.34	**2,500**	**550**	**9.6 J**	**47**	**130**	--	ND<4	ND<4	ND<4	ND<4	ND<20	--	--
MW-02	10/1/2003	4.5-19.5	13.52	9.10	0	4.42	19.29	**1,100**	**330**	**18 J**	**20 J**	**120**	--	ND<10	ND<10	ND<10	ND<10	ND<50	--	--
MW-02	1/5/2004	4.5-19.5	13.52	9.08	0	4.44	19.32	**3,900**	**2,000**	ND<25	**93 J**	**230**	--	ND<50	ND<50	ND<50	ND<50	ND<250	ND<1,200	--
MW-02	4/6/2004	4.5-19.5	13.52	8.29	0	5.23	17.45	**410**	**220**	**2.9 J**	**17**	**14**	--	ND<5	ND<5	ND<5	ND<5	ND<25	--	--
MW-02	7/8/2004	4.5-19.5	13.52	8.21	0	5.31	17.57	**360**	**98**	ND<1	**5.8**	**5.3**	--	ND<2	ND<2	**2.6 J**	ND<2	ND<10	--	--
MW-02	12/13/2004	4.5-19.5	13.52	7.93	0	5.59	17.87	**1,700**	**1,100**	ND<10	**12 J**	**26 J**	--	ND<20	ND<20	ND<20	ND<20	ND<100	--	--
MW-02	3/31/2005	4.5-19.5	13.52	6.63	0	6.89	17.90	**750**	**360**	**2.7 J**	**4.0 J**	**3.8 J**	--	ND<4	ND<4	ND<4	ND<4	ND<20	--	--
MW-02	6/21/2005	4.5-19.5	13.52	7.10	0	6.42	18.18	**640**	**230**	ND<5	ND<5	ND<5	--	ND<10	ND<10	ND<10	ND<10	ND<50	--	--
MW-02	9/24/2005	4.5-19.5	13.52	7.56	0	5.96	18.39	**150**	**30**	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
MW-02	12/12/2005	4.5-19.5	13.52	7.60	0	5.92	18.18	**200**	**33**	ND<0.36	**0.30 J**	ND<0.52	--	**0.41 J**	ND<0.28	**1.4 J**	ND<0.33	ND<3.1	--	--
MW-02	3/13/2006	4.5-19.5	13.52	7.34	0	6.18	18.27	**630**	**140**	**1 J**	**2 J**	**0.5 J**	--	ND<0.5	ND<0.5	**0.8 J**	ND<0.5	**5 J**	--	--
MW-02	6/1/2006	4.5-19.5	13.52	7.12	0	6.40	18.35	**410**	**79**	**0.7 J**	**2 J**	**0.7 J**	--	ND<0.5	ND<0.5	**0.7 J**	ND<0.5	ND<5	--	--
MW-02	9/21/2006	4.5-19.5	13.52	7.52	0	6.00	18.34	**110**	**7**	ND<0.5	**0.7 J**	ND<0.5	--	ND<0.5	ND<0.5	**0.5 J**	ND<0.5	ND<5	--	--
MW-02	12/12/2006	4.5-19.5	13.52	7.89	0	5.63	18.49	**57**	**5**	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	--	--
MW-02	2/5/2007	4.5-19.5	13.52	7.86	0	5.66	18.47	**380**	**160**	**0.7**	**2**	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**4**	--	--
MW-02	5/3/2007	4.5-19.5	13.52	7.83	0	5.69	18.64	**540**	**130**	**1**	**2**	**0.6 J**	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**5 J**	--	Sheen
MW-02	8/7/2007	4.5-19.5	13.52	8.07	0	5.45	18.75	**690**	**170**	**2**	**5**	**2**	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**4 J**	--	--
MW-02	10/5/2007	4.5-19.5	13.52	8.16	0	5.36	18.62	**1,700**	**440**	**5**	**5**	**9**	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**5**	--	--
MW-02	2/15/2008	4.5-19.5	13.52	8.15	0	5.37	18.88	**1,100**	**250**	**2**	**7**	**11**	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**5**	--	--

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9971 Adams Avenue, Huntington Beach, California

Well ID	Date Sampled	Screen Interval (ft bgs)	Top of Casing (ft MSL)	Depth to GW (ft bgs)	NAPL Thickness (feet)	GW Elevation (ft MSL)	Depth of Well (ft bgs)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Total Xylenes (ug/L)	MTBE 8021B (ug/L)	MTBE 8260 (ug/L)	ETBE (ug/L)	DIPE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	Comments
MW-02	6/23/2008	4.5-19.5	13.52	8.20	0	5.32	18.78	**1,400**	**590**	**4**	**8**	**7**	--	ND<1	ND<1	ND<1	ND<1	**5 J**	--	--
MW-02	9/2/2008	4.5-19.5	13.52	8.15	0	5.37	18.85	**1,600**	**520**	**4 J**	**6**	**6**	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**6 J**	ND<50	--
MW-02	12/2/2008	4.5-19.5	13.52	8.44	0	5.08	18.85	**1,500**	**440**	**4 J**	**8**	**5**	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
MW-02	3/4/2009	4.5-19.5	13.52	8.43	0	5.09	18.95	**34 J**	**1 J**	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	Pre-purge
MW-02	3/4/2009	4.5-19.5	13.52	8.43	0	5.09	18.95	**1,300**	**300**	**6**	**4 J**	**5**	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**6 J**	ND<50	Post-purge
MW-02	6/15/2009	4.5-19.5	13.52	8.26	0	5.26	18.83	**2,300**	**710**	**4 J**	**50**	**30**	--	ND<2	ND<2	ND<2	ND<2	ND<60	ND<200	Non-purge sample; all compounds analyzed by EPA 624
MW-02	6/19/2009	4.5-19.5	13.52	8.24	0	5.28	18.83	--	--	--	--	--	--	--	--	--	--	--	--	**See Note
MW-02	7/28/2009	4.5-19.5	13.52	8.45	0	5.07	18.96	**160**	**22**	**0.7 J**	**0.8 J**	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	Non-purge sample
MW-02	11/6/2009	4.5-19.5	--	7.32	0	--	16.97	**5,800**	**390**	**3 J**	**6**	**3 J**	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**9 J**	ND<50	Pump in well; removed to sample
MW-02	3/3/2010	4.5-19.5	12.17	4.16	0	8.01	--	**23 J**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	Pump in well
MW-02	6/1/2010	4.5-19.5	12.17	10.45	0	1.72	--	**210**	**15**	ND<0.5	**5**	**2 J**	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	Pump in well
MW-02	8/31/2010	4.5-19.5	12.17	6.75	0	5.42	18.35	**11,000**	**1,700**	**250**	**610**	**1,930**	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	Pump in well
MW-02	12/1/2010	4.5-19.5	12.17	5.82	0	6.35	--	**13,000**	**2,200**	**200**	**580**	**1,680**	--	ND<3	ND<3	ND<3	ND<3	ND<25	ND<250	Pump in well
MW-02	3/2/2011	4.5-19.5	12.17	5.18	0	6.99	--	**15,000**	**4,000**	**300**	**660**	**1,140**	--	ND<3	ND<3	ND<3	ND<3	ND<25	ND<250	Pump in well
MW-02	6/2/2011	4.5-19.5	12.17	10.80	0	1.37	--	**2,600**	**290**	**240**	**44**	**490**	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	Pump in well working
MW-02	9/6/2011	4.5-19.5	12.17	13.15	0	-0.98	--	**29 J**	**1 J**	ND<0.5	ND<0.5	ND<0.5	--	**0.7 J**	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	Pump in well
MW-02	12/5/2011	4.5-19.5	12.17	7.20	0	4.97	15.92	**2,800**	**580**	**16**	**150**	**258**	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	Pump in well
MW-02	3/5/2012	4.5-19.5	12.17	5.76	0	6.41	17.35	**12,000**	**1,500**	**84**	**770**	**1,290**	--	ND<1	ND<1	ND<1	ND<1	**10 J**	ND<100	Pump in well
MW-02	6/4/2012	4.5-19.5	12.17	6.36	0	5.81	17.50	**4,300**	**370**	**7**	**270**	**123**	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**5 J**	ND<50	Pump in well
MW-02	9/10/2012	4.5-19.5	12.17	6.92	0	5.25	17.55	**5,800**	**520**	**29**	**310**	**480**	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**12 J**	ND<50	Pump in well
MW-02	12/10/2012	4.5-19.5	12.17	5.96	0	6.21	17.35	**7,000**	**660**	**51**	**370**	**770**	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**10 J**	ND<50	Pump in well
MW-03	8/11/1999	4.5-19.5	12.26	9.15	0	3.11	18.78	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<10	--	--	--	--	--	--	--
MW-03	10/4/1999	4.5-19.5	12.26	9.62	0	2.64	18.81	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<10	--	--	--	--	--	--	--
MW-03	1/13/2000	4.5-19.5	12.26	9.90	0	2.36	18.84	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<5	--	--	--	--	--	--	--
MW-03	4/19/2000	4.5-19.5	12.26	8.85	0	3.41	18.85	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<5	--	--	--	--	--	--	--
MW-03	7/20/2000	4.5-19.5	12.26	9.30	0	2.96	18.82	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<5	--	--	--	--	--	--	--
MW-03	10/20/2000	4.5-19.5	12.26	9.64	0	2.62	18.88	ND<500	ND<5	ND<5	ND<5	ND<5	--	ND<1	ND<1	ND<1	ND<1	ND<20	--	--
MW-03	1/18/2001	4.5-19.5	12.26	9.23	0	3.03	18.85	ND<100	ND<5	ND<5	ND<5	ND<5	--	ND<1	ND<1	ND<1	ND<1	ND<20	--	--
MW-03	6/6/2001	4.5-19.5	12.26	8.40	0	3.86	18.84	ND<100	ND<5	ND<5	ND<5	ND<5	--	ND<1	ND<1	ND<1	ND<1	ND<10	--	--
MW-03	8/29/2001	4.5-19.5	12.26	8.91	0	3.35	18.84	ND<100	ND<5	ND<5	ND<5	ND<5	--	ND<1	ND<1	ND<1	ND<1	ND<10	--	--
MW-03	12/4/2001	4.5-19.5	12.26	10.03	0	2.23	18.93	ND<100	ND<1	ND<5	ND<5	ND<5	--	ND<1	ND<1	ND<1	ND<1	ND<10	--	--
MW-03	2/12/2002	4.5-19.5	12.26	9.97	0	2.29	18.86	ND<100	ND<1	ND<5	ND<5	ND<5	--	ND<1	ND<1	ND<1	ND<1	ND<10	--	--
MW-03	6/11/2002	4.5-19.5	12.26	9.77	0	2.49	18.83	ND<100	ND<1	ND<5	ND<5	ND<5	--	ND<1	ND<1	ND<1	ND<1	ND<10	--	--
MW-03	9/11/2002	4.5-19.5	14.27	10.04	0	4.23	18.88	ND<100	ND<1	ND<5	ND<5	ND<5	--	ND<1	ND<1	ND<1	ND<1	ND<10	--	--
MW-03	12/6/2002	4.5-19.5	14.27	9.75	0	4.52	18.85	ND<100	ND<1	ND<5	ND<5	ND<5	--	ND<1	ND<1	ND<1	ND<1	ND<10	--	--
MW-03	2/4/2003	4.5-19.5	14.27	9.51	0	4.76	18.85	**66**	ND<1	ND<1	ND<1	**2.7J**	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
MW-03	4/7/2003	4.5-19.5	14.27	8.63	0	5.64	18.85	ND<50	**1.4 J**	ND<1	**1.3 J**	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
MW-03	7/1/2003	4.5-19.5	14.27	9.14	0	5.13	18.87	ND<50	ND<1	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
MW-03	10/1/2003	4.5-19.5	14.27	9.71	0	4.56	18.85	ND<50	ND<1	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
MW-03	1/5/2004	4.5-19.5	14.27	9.77	0	4.50	18.88	ND<50	ND<1	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	ND<50	--
MW-03	4/6/2004	4.5-19.5	14.27	8.99	0	5.28	18.82	ND<50	ND<1	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
MW-03	7/8/2004	4.5-19.5	14.27	8.90	0	5.37	18.79	ND<50	ND<1	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
MW-03	12/13/2004	4.5-19.5	14.27	8.60	0	5.67	18.87	ND<50	ND<1	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
MW-03	3/31/2005	4.5-19.5	14.27	7.22	0	7.05	18.83	ND<50	ND<1	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
MW-03	6/21/2005	4.5-19.5	14.27	7.76	0	6.51	18.88	ND<50	ND<1	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
MW-03	9/24/2005	4.5-19.5	14.27	8.20	0	6.07	19.09	ND<50	ND<1	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--

Table 2. Historical Groundwater Analyses and Gauging Results
Chevron Environmental Management Company
Former Chevron Service Station No. 9-8721
9971 Adams Avenue, Huntington Beach, California

Well ID	Date Sampled	Screen Interval (ft bgs)	Top of Casing (ft MSL)	Depth to GW (ft bgs)	NAPL Thickness (feet)	GW Elevation (ft MSL)	Depth of Well (ft bgs)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Total Xylenes (ug/L)	MTBE 8021B (ug/L)	MTBE 8260 (ug/L)	ETBE (ug/L)	DIPE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	Comments
MW-03	12/12/2005	4.5-19.5	14.27	8.32	0	5.95	18.87	ND<50	ND<0.28	ND<0.36	ND<0.25	ND<0.52	--	**1.1 J**	ND<0.28	**0.98 J**	ND<0.33	ND<3.1	--	--
MW-03	3/13/2006	4.5-19.5	14.27	8.05	0	6.22	18.88	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	**0.5 J**	ND<0.5	ND<0.5	ND<0.5	ND<5	--	--
MW-03	6/1/2006	4.5-19.5	14.27	7.82	0	6.45	18.86	**65**	**4**	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	--	--
MW-03	9/21/2006	4.5-19.5	14.27	8.22	0	6.05	18.84	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	--	--
MW-03	12/12/2006	4.5-19.5	14.27	8.59	0	5.68	18.84	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	--	--
MW-03	2/5/2007	4.5-19.5	14.27	8.56	0	5.71	18.82	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	**0.6 J**	ND<0.5	ND<0.5	ND<0.5	ND<2	--	--
MW-03	5/3/2007	4.5-19.5	14.27	8.53	0	5.74	18.88	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	--	--
MW-03	8/7/2007	4.5-19.5	14.27	8.74	0	5.53	18.88	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	**0.5 J**	ND<0.5	ND<0.5	ND<0.5	ND<2	--	--
MW-03	10/5/2007	4.5-19.5	14.27	8.88	0	5.39	18.66	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	--	--
MW-03	2/15/2008	4.5-19.5	14.27	8.83	0	5.44	18.87	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	--	--
MW-03	6/23/2008	4.5-19.5	14.27	8.72	0	5.55	18.84	ND<22	ND<0.5	ND<0.5	**0.8 J**	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	--	--
MW-03	9/2/2008	4.5-19.5	14.27	8.77	0	5.50	18.87	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
MW-03	12/2/2008	4.5-19.5	14.27	9.13	0	5.14	18.88	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
MW-03	3/4/2009	4.5-19.5	14.27	9.11	0	5.16	18.86	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	Pre-purge
MW-03	3/4/2009	4.5-19.5	14.27	9.11	0	5.16	18.86	**25 J**	**0.7 J**	ND<0.5	**0.8 J**	**0.7 J**	--	**0.5 J**	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	Post-purge
MW-03	6/15/2009	4.5-19.5	14.27	9.00	0	5.27	18.80	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	Non-purge sample
MW-03	7/28/2009	4.5-19.5	14.27	9.11	0	5.16	18.87	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	Non-purge sample
MW-03	11/6/2009	4.5-19.5	14.27	9.43	0	4.84	18.87	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
MW-03	3/3/2010	4.5-19.5	14.27	7.98	0	6.29	18.06	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
MW-03	6/1/2010	4.5-19.5	14.27	9.17	0	5.10	18.87	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
MW-03	8/31/2010	4.5-19.5	14.27	8.69	0	5.58	18.90	**78**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
MW-03	12/1/2010	4.5-19.5	14.27	8.07	0	6.20	18.85	**29 J**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	**4,100**	--
MW-03	3/2/2011	4.5-19.5	14.27	7.38	0	6.89	--	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
MW-03	6/2/2011	4.5-19.5	14.27	8.68	0	5.59	--	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
MW-03	9/6/2011	4.5-19.5	14.27	9.18	0	5.09	18.87	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
MW-03	12/5/2011	4.5-19.5	14.27	8.95	0	5.32	18.61	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
MW-03	3/5/2012	4.5-19.5	14.27	8.08	0	6.19	18.87	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
MW-03	6/4/2012	4.5-19.5	14.27	7.95	0	6.32	18.87	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
MW-03	9/10/2012	4.5-19.5	14.27	8.43	0	5.84	18.89	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
MW-03	9/10/2012	4.5-19.5	14.27	8.43	0	5.84	18.89	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
MW-03	12/10/2012	4.5-19.5	14.27	8.37	0	5.90	18.86	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
MW-04	8/29/2001	5-20	10.56	7.44	0	3.12	20.22	**1,920**	**258**	ND<50	**83**	**146**	--	ND<10	ND<10	ND<10	ND<10	ND<100	--	--
MW-04	12/4/2001	5-20	10.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Not gauged
MW-04	3/28/2002	5-20	10.56	--	--	--	--	**3,470**	ND<1	ND<5	ND<5	ND<5	--	ND<1	ND<1	ND<1	ND<1	ND<10	--	Not gauged
MW-04	6/11/2002	5-20	10.56	8.21	0	2.35	20.35	**2,830**	**394**	**6.4**	**155**	**132**	--	ND<1	ND<1	ND<1	ND<1	ND<10	--	--
MW-04	9/11/2002	5-20	12.52	8.82	0	3.70	20.37	**5,520**	**449**	ND<50	**157**	**147**	--	ND<10	ND<10	ND<10	ND<10	ND<100	--	--
MW-04	12/6/2002	5-20	12.52	8.28	0	4.24	20.30	**618**	**89**	ND<5	**25**	**13**	--	ND<1	ND<1	ND<1	ND<1	ND<10	--	--
MW-04	2/4/2003	5-20	12.52	8.30	0	4.22	20.35	**4200**	**610**	ND<10	**180**	**100**	--	ND<20	ND<20	ND<20	ND<20	ND<100	--	--
MW-04	4/7/2003	5-20	12.52	7.40	0	5.12	20.35	**4,600**	**620**	**10 J**	**170**	**79**	--	ND<20	ND<20	ND<20	ND<20	ND<100	--	--
MW-04	7/1/2003	5-20	12.52	8.01	0	4.51	20.35	**2,200**	**310**	ND<20	**100**	**55 J**	--	ND<40	ND<40	ND<40	ND<40	ND<200	--	--
MW-04	10/1/2003	5-20	12.52	8.46	0	4.06	20.34	**920**	**120**	ND<4	**64**	**39**	--	ND<8	ND<8	ND<8	ND<8	ND<40	--	--
MW-04	1/5/2004	5-20	12.52	8.37	0	4.15	20.38	**2,600**	**250**	**4.2 J**	**130**	**25**	--	ND<8	ND<8	ND<8	ND<8	ND<40	ND<200	--
MW-04	4/6/2004	5-20	12.52	7.60	0	4.92	20.30	**1,000**	**97**	**2.1 J**	**51**	**35**	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
MW-04	7/8/2004	5-20	12.52	7.49	0	5.03	20.20	**2,900**	**200**	**4.6 J**	**80**	**54**	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
MW-04	12/13/2004	5-20	12.52	7.20	0	5.32	20.38	**2,000**	**140**	**2.8 J**	**67**	**32**	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
MW-04	3/31/2005	5-20	12.52	5.97	0	6.55	20.33	**2,500**	**200**	**3.8 J**	**110**	**67**	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
MW-04	6/21/2005	5-20	12.52	6.45	0	6.07	20.38	**5,700**	**290**	ND<5	**190**	**15 J**	--	ND<10	ND<10	ND<10	ND<10	ND<50	--	--
MW-04	9/24/2005	5-20	12.52	6.92	0	5.60	20.58	**1,500**	**67**	ND<10	**76**	ND<10	--	ND<20	ND<20	ND<20	ND<20	ND<100	--	--

Table 2. Historical Groundwater Analyses and Gauging Results
Chevron Environmental Management Company
Former Chevron Service Station No. 9-8721
9971 Adams Avenue, Huntington Beach, California

Well ID	Date Sampled	Screen Interval (ft bgs)	Top of Casing (ft MSL)	Depth to GW (ft bgs)	NAPL Thickness (feet)	GW Elevation (ft MSL)	Depth of Well (ft bgs)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Total Xylenes (ug/L)	MTBE 8021B (ug/L)	MTBE 8260 (ug/L)	ETBE (ug/L)	DIPE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	Comments
MW-04	12/12/2005	5-20	12.52	6.83	0	5.69	20.36	**720**	**17**	ND<0.36	**7.9**	**1.9 J**	--	ND<0.32	ND<0.28	**1.4 J**	ND<0.33	ND<3.1	--	--
MW-04	3/13/2006	5-20	12.52	6.58	0	5.94	20.35	**320**	**2 J**	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	**0.9 J**	ND<0.5	ND<5	--	--
MW-04	6/1/2006	5-20	12.52	6.43	0	6.09	20.35	**2,600**	**110**	**2 J**	**14**	**10**	--	ND<0.5	ND<0.5	**2 J**	ND<0.5	ND<5	--	--
MW-04	9/21/2006	5-20	12.52	6.76	0	5.76	20.31	**350**	**13**	ND<0.5	**5**	**2 J**	--	ND<0.5	ND<0.5	**0.7 J**	ND<0.5	**8 J**	--	--
MW-04	12/12/2006	5-20	12.52	7.20	0	5.32	20.27	**260**	**11**	ND<0.5	**10**	**2**	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**3 J**	--	--
MW-04	2/5/2007	5-20	12.52	7.08	0	5.44	20.32	**300**	**1**	ND<0.5	**1 J**	ND<0.5	--	ND<0.5	ND<0.5	**0.7 J**	ND<0.5	**3 J**	--	--
MW-04	5/3/2007	5-20	12.52	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Well paved over
MW-04	8/7/2007	5-20	12.52	7.34	0	5.18	20.37	**210**	**7**	ND<0.5	**6**	**0.8 J**	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	--	--
MW-04	10/5/2007	5-20	12.52	7.41	0	5.11	20.25	**550**	**29**	ND<0.5	**12**	**2**	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	--	--
MW-04	2/15/2008	5-20	12.52	7.42	0	5.10	19.36	**1,300**	**40**	**0.8 J**	**8**	**2**	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	--	--
MW-04	6/23/2008	5-20	12.52	7.22	0	5.30	20.30	**4,100**	**200**	**4**	**54**	**10**	--	ND<0.5	ND<0.5	**2**	ND<0.5	**3 J**	--	--
MW-04	9/2/2008	5-20	12.52	7.17	0	5.35	20.35	**230**	**13**	ND<0.5	**2 J**	**0.7 J**	--	ND<0.5	ND<0.5	**2**	ND<0.5	ND<5	ND<50	--
MW-04	12/2/2008	5-20	12.52	7.68	0	4.84	20.38	**1,000**	**62**	**1 J**	**17**	**4 J**	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
MW-04	3/4/2009	5-20	12.52	7.90	0	4.62	20.38	**2,800**	**69**	**1 J**	**20**	**4**	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	Pre-purge
MW-04	3/4/2009	5-20	12.52	7.90	0	4.62	20.38	**370**	**10**	ND<0.5	**3 J**	**0.6 J**	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	Post-purge
MW-04	6/15/2009	5-20	12.52	7.56	0	4.96	20.28	**4,300**	**190**	**3 J**	**47**	**13 J**	--	ND<1	ND<1	ND<1	ND<1	ND<10	ND<100	Non-purge sample
MW-04	7/28/2009	5-20	12.52	7.76	0	4.76	20.38	**5,300**	**220**	**4**	**51**	**15 J**	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**6 J**	ND<50	Non-purge sample
MW-04	11/6/2009	5-20	12.52	7.99	0	4.53	20.36	**6,100**	**250**	**4**	**60**	**14 J**	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
MW-04	3/3/2010	5-20	12.52	6.72	0	5.80	20.37	**1,000**	**10**	ND<0.5	**3 J**	**0.6 J**	--	ND<0.5	ND<0.5	**1 J**	ND<0.5	**6 J**	ND<50	--
MW-04	6/1/2010	5-20	12.52	7.62	0	4.90	20.38	**3,200**	**110**	**2 J**	**38**	**5 J**	--	ND<1	ND<1	**2 J**	ND<1	ND<10	ND<100	--
MW-04	8/31/2010	5-20	12.52	7.11	0	5.41	20.39	**2,800**	**99**	**1 J**	**25**	**3 J**	--	ND<0.5	ND<0.5	**1 J**	ND<0.5	ND<5	ND<50	--
MW-04	12/1/2010	5-20	12.52	6.50	0	6.02	20.36	**4,500**	**170**	**2 J**	**33**	**8 J**	--	ND<1	ND<1	ND<1	ND<1	ND<10	ND<100	--
MW-04	3/2/2011	5-20	12.52	5.92	0	6.60	--	**180**	**3 J**	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	**1 J**	ND<0.5	ND<5	ND<50	--
MW-04	6/2/2011	5-20	12.52	6.94	0	5.58	--	**3,800**	**250**	**3 J**	**31**	**7**	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**7 J**	ND<50	--
MW-04	9/6/2011	5-20	12.52	7.68	0	4.84	20.39	**3,800**	**130**	**1 J**	**44**	**4**	--	ND<0.5	ND<0.5	**2 J**	ND<0.5	**7 J**	ND<50	--
MW-04	12/5/2011	5-20	12.52	7.23	0	5.29	20.12	**2,800**	**100**	**0.9 J**	**16**	**3 J**	--	ND<0.5	ND<0.5	**1 J**	ND<0.5	ND<5	ND<50	--
MW-04	3/5/2012	5-20	12.52	7.00	0	5.52	20.34	**1,300**	**40**	**0.6 J**	**4**	**0.8 J**	--	ND<0.5	ND<0.5	**2 J**	ND<0.5	ND<5	ND<50	--
MW-04	6/4/2012	5-20	12.52	6.44	0	6.08	20.32	**250**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	**2 J**	ND<0.5	**6 J**	ND<50	--
MW-04	9/10/2012	5-20	12.52	7.32	0	5.20	20.32	**70**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	**0.8 J**	ND<0.5	ND<5	ND<50	--
MW-04	12/10/2012	5-20	12.52	6.91	0	5.61	20.29	**79**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	**0.9 J**	ND<0.5	ND<5	ND<50	--
MW-05	8/29/2001	5-20	9.55	6.71	0	2.84	20.10	ND<100	ND<5	ND<5	ND<5	ND<5	--	ND<1	ND<1	ND<1	ND<1	ND<10	--	--
MW-05	12/4/2001	5-20	9.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Not gauged
MW-05	3/28/2002	5-20	9.55	--	--	--	--	ND<100	ND<1	ND<5	ND<5	ND<5	--	ND<1	ND<1	ND<1	ND<1	ND<10	--	Not gauged
MW-05	6/11/2002	5-20	9.55	8.39	0	1.16	19.85	ND<100	ND<1	ND<5	ND<5	ND<5	--	ND<1	ND<1	ND<1	ND<1	ND<10	--	--
MW-05	9/11/2002	5-20	11.51	8.06	0	3.45	19.85	ND<100	ND<1	ND<5	ND<5	ND<5	--	ND<1	ND<1	ND<1	ND<1	ND<10	--	--
MW-05	12/6/2002	5-20	11.51	8.00	0	3.51	19.79	ND<100	ND<1	ND<5	ND<5	ND<5	--	ND<1	ND<1	ND<1	ND<1	ND<10	--	--
MW-05	2/4/2003	5-20	11.51	8.35	0	3.16	19.60	ND<50	ND<1	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
MW-05	4/7/2003	5-20	11.51	7.93	0	3.58	19.60	ND<50	ND<1	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
MW-05	7/1/2003	5-20	11.51	8.61	0	2.90	19.46	ND<50	ND<1	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
MW-05	10/1/2003	5-20	11.51	8.52	0	2.99	19.43	ND<50	ND<1	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
MW-05	1/5/2004	5-20	11.51	8.60	0	2.91	19.55	ND<50	ND<1	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	ND<50	--
MW-05	4/6/2004	5-20	11.51	7.26	0	4.25	19.40	ND<50	ND<1	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
MW-05	7/8/2004	5-20	11.51	6.73	0	4.78	19.15	**67 J**	ND<1	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
MW-05	12/13/2004	5-20	11.51	6.47	0	5.04	19.32	ND<50	ND<1	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
MW-05	3/31/2005	5-20	11.51	5.17	0	6.34	19.29	ND<50	ND<1	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
MW-05	6/21/2005	5-20	11.51	5.67	0	5.84	19.34	ND<50	ND<1	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
MW-05	9/24/2005	5-20	11.51	6.10	0	5.41	19.51	ND<50	ND<1	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
MW-05	12/12/2005	5-20	11.51	5.97	0	5.54	19.27	ND<50	ND<0.28	ND<0.36	ND<0.25	ND<0.52	--	ND<0.32	ND<0.28	ND<0.25	ND<0.33	ND<3.1	--	--

Table 2. Historical Groundwater Analyses and Gauging Results
Chevron Environmental Management Company
Former Chevron Service Station No. 9-8721
9971 Adams Avenue, Huntington Beach, California

Well ID	Date Sampled	Screen Interval (ft bgs)	Top of Casing (ft MSL)	Depth to GW (ft bgs)	NAPL Thickness (feet)	GW Elevation (ft MSL)	Depth of Well (ft bgs)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Total Xylenes (ug/L)	MTBE 8021B (ug/L)	MTBE 8260 (ug/L)	ETBE (ug/L)	DIPE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	Comments
MW-05	3/13/2006	5-20	11.51	5.70	0	5.81	19.24	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	--	--
MW-05	6/1/2006	5-20	11.51	5.51	0	6.00	19.20	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	--	--
MW-05	9/21/2006	5-20	11.51	5.88	0	5.63	19.15	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	--	--
MW-05	12/12/2006	5-20	11.51	6.60	0	4.91	19.10	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	--	--
MW-05	2/5/2007	5-20	11.51	6.78	0	4.73	19.35	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	--	--
MW-05	5/3/2007	5-20	11.51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Well paved over
MW-05	8/7/2007	5-20	11.51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Well paved over
MW-05	10/5/2007	5-20	11.51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Well paved over
MW-05	2/15/2008	5-20	11.51	7.26	0	4.25	19.42	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	--	--
MW-05	6/23/2008	5-20	11.51	8.38	0	3.13	19.25	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	--	--
MW-05	9/2/2008	5-20	11.51	8.20	0	3.31	19.32	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
MW-05	12/2/2008	5-20	11.51	7.96	0	3.55	19.57	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
MW-05	3/4/2009	5-20	11.51	7.38	0	4.13	19.49	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	Pre-purge
MW-05	3/4/2009	5-20	11.51	7.38	0	4.13	19.49	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	Post-purge
MW-05	6/15/2009	5-20	11.51	6.84	0	4.67	19.22	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	Non-purge sample
MW-05	7/28/2009	5-20	11.51	--	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Sampled semi-annually
MW-05	11/6/2009	5-20	11.51	7.47	0	4.04	19.32	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
MW-05	3/3/2010	5-20	11.51	6.76	0	4.75	19.32	--	--	--	--	--	--	--	--	--	--	--	--	Sampled semi-annually
MW-05	6/1/2010	5-20	11.51	6.52	0	4.99	19.30	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
MW-05	8/31/2010	5-20	11.51	6.57	0	4.94	19.28	--	--	--	--	--	--	--	--	--	--	--	--	Sampled semi-annually
MW-05	12/1/2010	5-20	11.51	5.93	0	5.58	19.32	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
MW-05	3/2/2011	5-20	11.51	5.40	0	6.11	--	--	--	--	--	--	--	--	--	--	--	--	--	Sampled semi-annually
MW-05	6/2/2011	5-20	11.51	5.62	0	5.89	--	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
MW-05	9/6/2011	5-20	11.51	6.23	0	5.28	19.34	--	--	--	--	--	--	--	--	--	--	--	--	Sampled semi-annually
MW-05	12/5/2011	5-20	11.51	6.25	0	5.26	19.03	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
MW-05	3/5/2012	5-20	11.51	5.73	0	5.78	19.30	--	--	--	--	--	--	--	--	--	--	--	--	Sampled semi-annually
MW-05	6/4/2012	5-20	11.51	5.64	0	5.87	19.27	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
MW-05	9/10/2012	5-20	11.51	8.24	0	3.27	19.27	--	--	--	--	--	--	--	--	--	--	--	--	Sampled semi-annually
MW-05	12/10/2012	5-20	11.51	8.32	0	3.19	19.28	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
MW-06	5/30/2002	5-20	--	8.14	--	--	19.40	**1,940**	**43**	ND<5	**135**	**15**	--	ND<1	ND<1	ND<1	ND<1	ND<10	--	Gauged on 6/11/02
MW-06	9/11/2002	5-20	13.21	8.33	0	--	19.46	**1,390**	**14**	ND<5	**61**	**4.1 J**	--	ND<1	ND<1	ND<1	ND<1	ND<10	--	
MW-06	12/6/2002	5-20	13.21	8.14	0	5.07	19.43	**1,350**	**25**	ND<5	**35**	ND<5	--	ND<1	ND<1	ND<1	ND<1	ND<10	--	--
MW-06	2/4/2003	5-20	13.21	7.85	0	5.36	19.50	**910**	**17**	ND<1	**21**	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
MW-06	4/7/2003	5-20	13.21	6.98	0	6.23	19.50	**1,100**	**24**	**1.0 J**	**39**	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
MW-06	7/1/2003	5-20	13.21	7.36	0	5.85	19.53	**710**	**21**	ND<1	**40**	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
MW-06	10/1/2003	5-20	13.21	7.91	0	5.30	19.50	**830**	**27**	**1.1 J**	**50**	**4.9 J**	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
MW-06	1/5/2004	5-20	13.21	8.08	0	5.13	19.52	**1,500**	**42**	**1.9 J**	**21**	**1.6 J**	--	ND<2	ND<2	ND<2	ND<2	ND<10	ND<50	--
MW-06	4/6/2004	5-20	13.21	7.30	0	5.91	19.47	**420**	**6.5**	ND<1	**4.0 J**	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
MW-06	7/8/2004	5-20	13.21	7.27	0	5.94	19.42	**2,000**	**82**	ND<10	**60**	ND<10	--	ND<20	ND<20	ND<20	ND<20	ND<100	--	--
MW-06	12/13/2004	5-20	13.21	6.98	0	6.23	19.52	**340**	**8.0**	ND<1	**4.4 J**	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
MW-06	3/31/2005	5-20	13.21	5.55	0	7.66	19.49	**1,800**	**57.0**	**2.5 J**	**60**	**14**	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
MW-06	6/21/2005	5-20	13.21	6.02	0	7.19	19.55	**4,300**	**96**	**3.3 J**	**73**	**7.1 J**	--	ND<4	ND<4	ND<4	ND<4	ND<20	--	--
MW-06	9/24/2005	5-20	13.21	6.50	0	6.71	19.75	**3,300**	**98**	ND<10	**46 J**	ND<10	--	ND<20	ND<20	ND<20	ND<20	ND<100	--	--
MW-06	12/12/2005	5-20	13.21	6.64	0	6.57	19.53	**430**	**17**	**0.51 J**	**2.4 J**	ND<0.52	--	ND<0.32	ND<0.28	ND<0.25	ND<0.33	ND<3.1	--	--
MW-06	3/13/2006	5-20	13.22	6.36	0	6.86	19.54	**2,000**	**71**	**2 J**	**20**	**4 J**	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	--	Regauged well
MW-06	6/1/2006	5-20	13.22	6.11	0	7.11	19.52	**970**	**39**	**1 J**	**3 J**	**1 J**	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	--	--
MW-06	9/21/2006	5-20	13.22	6.58	0	6.64	19.50	**2,900**	**130**	**3 J**	**26**	**6**	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	--	--
MW-06	12/12/2006	5-20	13.22	6.88	0	6.34	19.50	**1,100**	**39**	**1**	**2**	**1**	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	--	--

Table 2. Historical Groundwater Analyses and Gauging Results
Chevron Environmental Management Company
Former Chevron Service Station No. 9-8721
9971 Adams Avenue, Huntington Beach, California

Well ID	Date Sampled	Screen Interval (ft bgs)	Top of Casing (ft MSL)	Depth to GW (ft bgs)	NAPL Thickness (feet)	GW Elevation (ft MSL)	Depth of Well (ft bgs)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Total Xylenes (ug/L)	MTBE 8021B (ug/L)	MTBE 8260 (ug/L)	ETBE (ug/L)	DIPE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	Comments
MW-06	2/5/2007	5-20	13.22	6.88	0	6.34	19.48	**170**	**7**	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	--	--
MW-06	5/3/2007	5-20	13.22	6.83	0	6.39	19.54	**220**	**8**	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	--	--
MW-06	8/7/2007	5-20	13.22	7.08	0	6.14	19.54	**760**	**36**	**0.7 J**	**6**	**1**	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	--	--
MW-06	10/5/2007	5-20	13.22	7.32	0	5.90	19.44	**970**	**36**	**0.7 J**	**7**	**0.8 J**	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	--	--
MW-06	2/15/2008	5-20	13.22	7.19	0	6.03	19.51	**160**	**4**	ND<0.5	**0.7 J**	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	--	--
MW-06	6/23/2008	5-20	13.22	7.00	0	6.22	19.49	**220**	**9**	ND<0.5	**3**	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	--	--
MW-06	9/2/2008	5-20	13.22	7.15	0	6.07	19.52	**180**	**5**	ND<0.5	**1 J**	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
MW-06	12/2/2008	5-20	13.22	7.39	0	5.83	19.52	**200**	**4**	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
MW-06	3/4/2009	5-20	13.22	6.83	0	6.39	18.52	**670**	**0.9 J**	ND<0.5	**0.5 J**	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	Pre-purge
MW-06	3/4/2009	5-20	13.22	6.83	0	6.39	18.52	**81**	**0.6 J**	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	Post-purge
MW-06	6/15/2009	5-20	13.22	7.14	0	6.08	19.45	**70**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	Non-purge sample
MW-06	7/28/2009	5-20	13.22	--	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Sampled semi-annually
MW-06	11/6/2009	5-20	13.22	7.71	0	5.51	19.52	**2,100**	**18**	**1 J**	**4**	**0.7 J**	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
MW-06	3/3/2010	5-20	13.22	6.16	0	7.06	19.52	--	--	--	--	--	--	--	--	--	--	--	--	Sampled semi-annually
MW-06	6/1/2010	5-20	13.22	6.82	0	6.40	19.52	**350**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
MW-06	8/31/2010	5-20	13.22	6.81	0	6.41	19.56	--	--	--	--	--	--	--	--	--	--	--	--	Sampled semi-annually
MW-06	12/1/2010	5-20	13.22	6.40	0	6.82	19.52	**830**	**17**	**1 J**	**17**	**0.7 J**	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
MW-06	3/2/2011	5-20	13.22	5.55	0	7.67	--	--	--	--	--	--	--	--	--	--	--	--	--	Sampled semi-annually
MW-06	6/2/2011	5-20	13.22	6.10	0	7.12	--	**86**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
MW-06	9/6/2011	5-20	13.22	6.79	0	6.43	19.53	--	--	--	--	--	--	--	--	--	--	--	--	Sampled semi-annually
MW-06	12/5/2011	5-20	13.22	6.76	0	6.46	19.26	**490**	**1 J**	ND<0.5	**2 J**	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
MW-06	3/5/2012	5-20	13.22	6.23	0	6.99	19.55	--	--	--	--	--	--	--	--	--	--	--	--	Sampled semi-annually
MW-06	6/4/2012	5-20	13.22	6.24	0	6.98	19.49	**78**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
MW-06	9/10/2012	5-20	13.22	6.60	0	6.62	19.53	--	--	--	--	--	--	--	--	--	--	--	--	Sampled semi-annually
MW-06	12/10/2012	5-20	13.22	6.61	0	6.61	19.52	**230**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
MW-07	10/1/2003	10-30	13.78	8.61	0	5.17	20.08	**370**	**58**	**9.4 J**	**1.5 J**	**4.1 J**	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
MW-07	1/5/2004	10-30	13.78	8.70	0	5.08	20.11	**11,000**	**29 J**	ND<20	**83 J**	**160**	--	ND<40	ND<40	ND<40	ND<40	ND<200	ND<1,000	--
MW-07	4/6/2004	10-30	13.78	7.98	0	5.80	20.03	**5,000**	**34**	ND<4	**15 J**	**37**	--	ND<8	ND<8	ND<8	ND<8	ND<40	--	Sheen
MW-07	7/8/2004	10-30	13.78	7.88	0	5.90	20.02	**780**	**15**	**2.1 J**	**5.7**	**18**	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	Sheen
MW-07	12/13/2004	10-30	13.78	7.65	0	6.13	20.10	**730**	**35**	ND<1	ND<1	**1.9 J**	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	Sheen
MW-07	3/31/2005	10-30	13.78	6.37	0	7.41	20.07	**400**	**11**	ND<1	**1.0 J**	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	Sheen
MW-07	6/21/2005	10-30	13.78	6.81	0	6.97	20.10	**350**	**3.3 J**	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	Sheen
MW-07	9/24/2005	10-30	13.78	7.15	0	6.63	20.30	**210**	ND<1	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
MW-07	12/12/2005	10-30	13.78	7.36	0	6.42	20.09	**410**	**39**	**1.1 J**	**5.4**	**15**	--	ND<0.32	ND<0.28	ND<0.25	ND<0.33	ND<3.1	--	--
MW-07	3/13/2006	10-30	13.78	7.12	0	6.66	20.05	**470**	**4 J**	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	--	--
MW-07	6/1/2006	10-30	13.78	6.94	0	6.84	20.03	**240**	**4**	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	--	--
MW-07	9/21/2006	10-30	13.78	7.30	0	6.48	20.01	**210**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	--	--
MW-07	12/12/2006	10-30	13.78	7.65	0	6.13	19.95	**350**	**12**	ND<0.5	**2**	**4**	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	--	Sheen
MW-07	2/5/2007	10-30	13.78	7.64	0	6.14	19.91	**480**	**21**	0.7 J	**2**	**2**	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	--	--
MW-07	5/3/2007	10-30	13.78	7.56	0	6.22	20.02	**160**	**2**	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	--	Sheen
MW-07	8/7/2007	10-30	13.78	7.74	0	6.04	20.04	**100**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	--	--
MW-07	10/5/2007	10-30	13.78	7.85	0	5.93	19.85	**71**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	--	--
MW-07	2/15/2008	10-30	13.78	7.88	0	5.90	20.09	**190**	**3**	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	--	--
MW-07	6/23/2008	10-30	13.78	7.70	0	6.08	19.90	**89**	**1**	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	--	--
MW-07	9/2/2008	10-30	13.78	7.75	0	6.03	20.00	**60**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
MW-07	12/2/2008	10-30	13.78	8.06	0	5.72	20.05	**54**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
MW-07	3/4/2009	10-30	13.78	8.13	0	5.65	19.95	**110**	**0.7 J**	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	Pre-purge
MW-07	3/4/2009	10-30	13.78	8.13	0	5.65	19.95	**260**	**12**	ND<0.5	ND<0.5	**0.6 J**	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	Post-purge

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Chevron Environmental Management Company
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Well ID	Date Sampled	Screen Interval (ft bgs)	Top of Casing (ft MSL)	Depth to GW (ft bgs)	NAPL Thickness (feet)	GW Elevation (ft MSL)	Depth of Well (ft bgs)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Total Xylenes (ug/L)	MTBE 8021B (ug/L)	MTBE 8260 (ug/L)	ETBE (ug/L)	DIPE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	Comments
MW-07	6/15/2009	10-30	13.78	7.91	0	5.87	19.82	**200**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	Purge sample
MW-07	7/28/2009	10-30	13.78	5.05	0	8.73	19.90	**150**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	Purge sample
MW-07	11/6/2009	5-20	13.78	8.39	0	5.39	19.92	**78**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	Purge sample
MW-07	3/3/2010	5-20	13.78	7.00	0	6.78	19.92	**560**	**1 J**	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	Pre-purge sample
MW-07	3/3/2010	5-20	13.78	7.00	0	6.78	19.92	**500**	**2 J**	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	Purge sample
MW-07	6/1/2010	5-20	13.78	7.78	0	6.00	19.91	**290**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**15 J**	ND<50	--
MW-07	8/31/2010	5-20	13.78	7.71	0	6.07	16.96	**89**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**27 J**	ND<50	--
MW-07	12/1/2010	5-20	13.78	7.02	0	6.76	19.91	**60**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
MW-07	3/2/2011	5-20	13.78	6.45	0	7.33	--	**50 J**	**0.6 J**	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
MW-07	6/2/2011	5-20	13.78	7.17	0	6.61	--	**95**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**8 J**	ND<50	--
MW-07	9/6/2011	5-20	13.78	7.82	0	5.96	19.92	**50**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
MW-07	12/5/2011	5-20	13.78	7.76	0	6.02	19.64	**31 J**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
MW-07	3/5/2012	5-20	13.78	7.07	0	6.71	19.92	**40 J**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
MW-07	6/4/2012	5-20	13.78	7.06	0	6.72	19.93	**27 J**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
MW-07	9/10/2012	5-20	13.78	7.40	0	6.38	19.97	**42 J**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
MW-07	12/10/2012	5-20	13.78	7.39	0	6.39	19.90	**67**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
MW-08	10/19/2009	5 - 25	14.26	8.81	0	5.45	24.80	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	--	Well Development
MW-08	11/6/2009	5 - 25	14.26	8.92	0	5.34	24.78	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	Purge sample
MW-08	3/3/2010	5 - 25	14.26	7.41	0	6.85	24.78	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	Pre-purge sample
MW-08	3/3/2010	5 - 25	14.26	7.41	0	6.85	24.78	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	Purge sample
MW-08	6/1/2010	5 - 25	14.26	8.20	0	6.06	24.78	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
MW-08	8/31/2010	5 - 25	14.26	8.05	0	6.21	24.81	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
MW-08	12/1/2010	5 - 25	14.26	7.58	0	6.68	24.77	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
MW-08	3/2/2011	5 - 25	14.26	6.72	0	7.54	--	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
MW-08	6/2/2011	5 - 25	14.26	7.41	0	6.85	--	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
MW-08	9/6/2011	5 - 25	14.26	8.23	0	6.03	24.79	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
MW-08	12/5/2011	5 - 25	14.26	8.21	0	6.05	24.25	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	**1 J**	ND<0.5	ND<5	ND<50	--
MW-08	3/5/2012	5 - 25	14.26	7.39	0	6.87	24.80	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
MW-08	6/4/2012	5 - 25	14.26	7.34	0	6.92	24.82	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
MW-08	9/10/2012	5 - 25	14.26	7.85	0	6.41	24.78	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
MW-08	12/10/2012	5 - 25	14.26	7.90	0	6.36	24.76	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
VP-1	6/11/2002	--	--	9.47	--	--	9.77	--	--	--	--	--	--	--	--	--	--	--	--	Gauged only
VP-1	9/11/2002	--	--	9.59	--	--	9.85	--	--	--	--	--	--	--	--	--	--	--	--	Gauged only
VP-1	12/6/2002	--	--	--	0	--	9.03	--	--	--	--	--	--	--	--	--	--	--	--	Well Dry / Gauged only
VP-1	2/4/2003	--	--	8.86	0	--	9.02	--	--	--	--	--	--	--	--	--	--	--	--	Well Dry / Gauged only
VP-1	4/7/2003	--	--	8.60	0	--	9.01	--	--	--	--	--	--	--	--	--	--	--	--	Gauged only
VP-1	7/1/2003	--	--	8.66	0	--	9.04	--	--	--	--	--	--	--	--	--	--	--	--	Gauged only
VP-1	10/1/2003	--	--	8.96	0	--	9.03	--	--	--	--	--	--	--	--	--	--	--	--	Gauged only
VP-1	1/5/2004	--	--	8.76	0	--	9.02	--	--	--	--	--	--	--	--	--	--	--	--	Gauged only
VP-1	4/6/2004	--	--	8.98	0	--	9.01	--	--	--	--	--	--	--	--	--	--	--	--	Gauged only
VP-1	7/8/2004	--	--	8.62	0	--	9.74	--	--	--	--	--	--	--	--	--	--	--	--	Gauged only
VP-1	12/13/2004	--	--	8.34	0	--	9.83	--	--	--	--	--	--	--	--	--	--	--	--	Gauged only
VP-1	3/31/2005	--	--	7.90	0	--	9.00	--	--	--	--	--	--	--	--	--	--	--	--	Gauged only
VP-2	6/11/2002	--	--	8.82	--	--	9.00	--	--	--	--	--	--	--	--	--	--	--	--	Gauged only
VP-2	9/11/2002	--	--	8.60	--	--	9.06	--	--	--	--	--	--	--	--	--	--	--	--	Gauged only
VP-2	12/6/2002	--	--	--	0	--	9.82	--	--	--	--	--	--	--	--	--	--	--	--	Well Dry / Gauged only

Table 2. Historical Groundwater Analyses and Gauging Results
Chevron Environmental Management Company
Former Chevron Service Station No. 9-8721
9971 Adams Avenue, Huntington Beach, California

Well ID	Date Sampled	Screen Interval (ft bgs)	Top of Casing (ft MSL)	Depth to GW (ft bgs)	NAPL Thickness (feet)	GW Elevation (ft MSL)	Depth of Well (ft bgs)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Total Xylenes (ug/L)	MTBE 8021B (ug/L)	MTBE 8260 (ug/L)	ETBE (ug/L)	DIPE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	Comments
VP-2	2/4/2003	--	--	9.17	0	--	9.80	--	--	--	--	--	--	--	--	--	--	--	--	Well Dry / Gauged only
VP-2	4/7/2003	--	--	8.35	0	--	9.80	--	--	--	--	--	--	--	--	--	--	--	--	Gauged only
VP-2	7/1/2003	--	--	8.70	0	--	9.83	--	--	--	--	--	--	--	--	--	--	--	--	Gauged only
VP-2	10/1/2003	--	--	9.26	0	--	9.31	--	--	--	--	--	--	--	--	--	--	--	--	Gauged only
VP-2	1/5/2004	--	--	9.36	0	--	9.81	--	--	--	--	--	--	--	--	--	--	--	--	Gauged only
VP-2	4/6/2004	--	--	8.86	0	--	9.82	--	--	--	--	--	--	--	--	--	--	--	--	Gauged only
VP-2	7/8/2004	--	--	8.48	0	--	8.95	--	--	--	--	--	--	--	--	--	--	--	--	Gauged only
VP-2	12/13/2004	--	--	Dry	0	--	10.03	--	--	--	--	--	--	--	--	--	--	--	--	Gauged only
VP-2	3/31/2005	--	--	7.04	0	--	9.80	--	--	--	--	--	--	--	--	--	--	--	--	Gauged only
TPE-1	4/6/2004	8-18	--	10.97	0	--	18.02	**13,000**	**1,700**	**1,100**	**680**	**2,700**	--	ND<40	ND<40	ND<40	ND<40	ND<200	--	--
TPE-1	7/8/2004	8-18	--	10.89	0	--	18.00	**6,900**	**990**	**310**	**500**	**640**	--	ND<20	ND<20	ND<20	ND<20	ND<100	--	--
TPE-1	12/13/2004	8-18	--	10.60	0	--	18.09	**7,200**	**940**	**210**	**440**	**550**	--	ND<40	ND<40	ND<40	ND<40	ND<200	--	--
TPE-1	3/31/2005	8-18	--	9.28	0	--	18.02	**4,600**	**570**	**7.5 J**	**650**	**7.4 J**	--	ND<10	ND<10	ND<10	ND<10	ND<50	--	--
TPE-1	6/21/2005	8-18	--	9.75	0	--	18.09	**4,000**	**490**	**94**	**310**	**200**	--	ND<20	ND<20	ND<20	ND<20	ND<100	--	--
TPE-1	9/24/2005	8-18	--	10.22	0	--	18.29	**1,800**	**890**	ND<10	**44 J**	**19 J**	--	ND<20	ND<20	ND<20	ND<20	ND<100	--	--
TPE-1	12/12/2005	8-18	--	10.30	0	--	18.07	**1,800**	**550**	**12 J**	**130**	**78**	--	ND<3.2	ND<2.8	ND<2.5	ND<3.3	ND<31	--	--
TPE-1	3/13/2006	8-18	--	10.05	0	--	18.09	**1,900**	**440**	**15**	**86**	**76**	--	ND<0.5	ND<0.5	**0.7 J**	ND<0.5	**15 J**	--	--
TPE-1	6/1/2006	8-18	--	9.82	0	--	18.09	**1,500**	**290**	**15**	**81**	**100**	--	ND<0.5	ND<0.5	**0.8 J**	ND<0.5	**8 J**	--	--
TPE-1	9/21/2006	8-18	--	10.22	0	--	18.05	**2,000**	**370**	**7**	**130**	**73**	--	ND<0.5	ND<0.5	**0.5 J**	ND<0.5	**6 J**	--	--
TPE-1	12/12/2006	8-18	--	10.58	0	--	18.05	**1,800**	**340**	**6**	**86**	**33**	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**10**	--	--
TPE-1	2/5/2007	8-18	--	10.57	0	--	18.05	**1,400**	**320**	**8**	**94**	**34**	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**5 J**	--	--
TPE-1	5/3/2007	8-18	--	10.52	0	--	18.09	**1,300**	**230**	**5**	**72**	**20**	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**3 J**	--	--
TPE-1	8/7/2007	8-18	--	10.74	0	--	18.08	**1,300**	**310**	**5**	**64**	**10**	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**7**	--	--
TPE-1	10/5/2007	8-18	--	10.86	0	--	18.02	**1,500**	**240**	**6**	**73**	**14**	--	**0.5 J**	ND<0.5	ND<0.5	ND<0.5	**7**	--	--
TPE-1	2/15/2008	8-18	--	10.84	0	--	18.08	**1,500**	**240**	**4**	**45**	**10**	--	**0.6 J**	ND<0.5	ND<0.5	ND<0.5	**5 J**	--	--
TPE-1	3/10/2008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Well Destroyed
TPE-1R	3/27/2008	8 - 28	16.08	10.60	0	5.48	33.02	**5,200**	**840**	**460**	**210**	**750**	--	ND<1	ND<1	ND<1	ND<1	**5J**	--	Well Development
TPE-1R	6/23/2008	8 - 28	16.08	12.18	0	3.90	31.30	**9,600**	**2000**	**820**	**290**	**1300**	--	ND<3	ND<3	ND<3	ND<3	ND<10	--	--
TPE-1R	9/2/2008	8 - 28	16.08	11.70	0	4.38	31.18	**6,300**	**1400**	**200**	**200**	**860**	--	ND<1	ND<1	ND<1	ND<1	ND<10	ND<100	--
TPE-1R	12/2/2008	8 - 28	16.08	11.33	0	4.75	31.65	**5,200**	**1400**	**45**	**270**	**600**	--	ND<1	ND<2	ND<2	ND<2	ND<25	ND<130	--
TPE-1R	3/4/2009	8 - 28	16.08	11.17	0	4.91	32.32	**6,600**	**1,800**	**10 J**	**400**	**60**	--	ND<1	ND<1	ND<1	ND<1	ND<13	ND<130	Pre-purge
TPE-1R	3/4/2009	8 - 28	16.08	11.17	0	4.91	32.32	**4,200**	**1,100**	**21**	**150**	**152**	--	ND<1	ND<1	ND<1	ND<1	ND<10	ND<100	Post-purge
TPE-1R	6/15/2009	8 - 28	16.08	10.86	0	5.22	32.15	**1,700**	**470**	**4 J**	**48**	**18**	--	ND<1	ND<1	ND<1	ND<1	ND<30	ND<200	Non-purge sample; all compounds analyzed by EPA 624
TPE-1R	6/19/2009	8 - 28	16.08	10.75	0	5.33	32.16	--	--	--	--	--	--	--	--	--	--	--	--	**See Note
TPE-1R	7/28/2009	8 - 28	16.08	10.98	0	5.10	32.25	**1,700**	**410**	**6**	**41**	**20**	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	Non-purge sample
TPE-1R*	11/6/2009	8 - 28	--	9.73	0	--	--	**3,400**	**950**	**9**	**40**	**26.9 J**	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	Pump in well; sampled from wellhead plug
TPE-1R*	3/3/2010	8 - 28	14.09	6.42	0	7.67	--	**130**	**3 J**	ND<0.5	**3 J**	**2 J**	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	Pump in well
TPE-1R*	6/1/2010	8 - 28	14.09	9.26	0	4.83	--	**2,800**	**240**	**210**	**140**	**460**	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**7 J**	ND<50	Pump in well
TPE-1R*	8/31/2010	8 - 28	14.09	8.42	0	5.67	29.72	**6,000**	**1,300**	**300**	**290**	**830**	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**6 J**	ND<50	Pump in well
TPE-1R*	12/1/2010	8 - 28	14.09	7.66	0	6.43	--	**17,000**	**2,000**	**1,500**	**650**	**2,270**	--	ND<3	ND<3	ND<3	ND<3	ND<25	ND<250	Pump in well
TPE-1R*	3/2/2011	8 - 28	14.09	7.35	0	6.74	--	**11,000**	**2,200**	**490**	**510**	**820**	--	ND<3	ND<3	ND<3	ND<3	ND<25	ND<250	Pump in well
TPE-1R*	6/2/2011	8 - 28	14.09	9.56	0	4.53	--	**5,900**	**1,300**	**290**	**310**	**570**	--	ND<1	ND<1	ND<1	ND<1	ND<10	ND<100	Pump in well working
TPE-1R*	6/23/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Well Destroyed

Table 2. Historical Groundwater Analyses and Gauging Results
Chevron Environmental Management Company
Former Chevron Service Station No. 9-8721
9971 Adams Avenue, Huntington Beach, California

Well ID	Date Sampled	Screen Interval (ft bgs)	Top of Casing (ft MSL)	Depth to GW (ft bgs)	NAPL Thickness (feet)	GW Elevation (ft MSL)	Depth of Well (ft bgs)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Total Xylenes (ug/L)	MTBE 8021B (ug/L)	MTBE 8260 (ug/L)	ETBE (ug/L)	DIPE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	Comments
TPE-1B*	9/6/2011	8.9 - 28.9	15.27	25.77	0	-10.50	--	**97**	**2 J**	**0.9 J**	**2 J**	**4 J**	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	Pump in well
TPE-1B*	12/5/2011	8.9 - 28.9	15.27	16.80	0	-1.53	--	**29 J**	**1 J**	ND<0.5	**0.8 J**	**1.7 J**	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	Pump in well
TPE-1B*	3/5/2012	8.9 - 28.9	15.27	8.21	0	7.06	32.45	**250**	**120**	**0.7 J**	**4 J**	**5 J**	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	Pump in well
TPE-1B*	6/4/2012	8.9 - 28.9	15.27	8.00	0	7.27	32.82	**28 J**	**2 J**	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	Pump in well
TPE-1B*	9/10/2012	8.9 - 28.9	15.27	8.61	0	6.66	32.48	**34 J**	**0.6 J**	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	Pump in well
TPE-1B*	12/10/2012	8.9 - 28.9	15.27	8.54	0	6.73	32.26	**22 J**	**0.7 J**	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	Pump in well
TPE-2	4/6/2004	7-15	--	7.56	0	--	12.54	**4,500**	**960**	**21 J**	**290**	**100**	--	ND<40	ND<40	ND<40	ND<40	ND<200	--	--
TPE-2	7/8/2004	7-15	--	7.49	0	--	12.59	**3,800**	**210**	ND<2	**63**	**3.5 J**	--	ND<4	ND<4	ND<4	ND<4	ND<20	--	--
TPE-2	12/13/2004	7-15	--	7.22	0	--	12.82	**1,800**	**120**	**2.9 J**	**15**	**4.4 J**	--	ND<4	ND<4	ND<4	ND<4	ND<20	--	--
TPE-2	3/31/2005	7-15	--	5.97	0	--	12.80	**940**	**78**	**1.6 J**	**17**	**2.7 J**	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
TPE-2	6/21/2005	7-15	--	6.40	0	--	13.25	**7,900**	**2,500**	**63 J**	**120 J**	**340**	--	ND<80	ND<80	ND<80	ND<80	ND<400	--	--
TPE-2	9/24/2005	7-15	--	6.81	0	--	13.40	**150**	**45**	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
TPE-2	12/12/2005	7-15	--	6.90	0	--	13.20	**6,500**	**2,500**	**24 J**	**32 J**	**92 J**	--	ND<16	ND<14	ND<12	ND<16	ND<160	--	--
TPE-2	3/13/2006	7-15	--	6.40	0	--	13.27	**5,200**	**1,900**	**13 J**	**22**	**19 J**	--	ND<3	ND<3	ND<3	ND<3	**33 J**	--	--
TPE-2	6/1/2006	7-15	--	6.45	0	--	13.28	**2,400**	**620**	**6**	**8**	**7**	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**15 J**	--	--
TPE-2	9/21/2006	7-15	--	6.60	0	--	13.24	**2,800**	**710**	**9**	**8**	**8**	--	ND<0.5	ND<0.5	**0.8 J**	ND<0.5	**12 J**	--	--
TPE-2	12/12/2006	7-15	--	7.10	0	--	13.27	**2,900**	**1,700**	**7**	**9**	**28**	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**11**	--	--
TPE-2	2/5/2007	7-15	--	7.09	0	--	13.27	**1,600**	**400**	**4**	**5**	**4**	--	**0.7 J**	ND<0.5	**1**	ND<0.5	**10**	--	--
TPE-2	5/3/2007	7-15	--	6.89	0	--	13.39	**1,400**	**280**	**3**	**5**	**2**	--	**0.7 J**	ND<0.5	**0.7 J**	ND<0.5	**7**	--	--
TPE-2	8/7/2007	7-15	--	7.24	0	--	13.61	**2,400**	**600**	**6**	**9**	**8**	--	**0.6 J**	ND<0.5	**0.5 J**	ND<0.5	**14**	--	--
TPE-2	10/5/2007	7-15	--	7.31	0	--	13.45	**3,500**	**500**	**7**	**11**	**12**	--	**0.5 J**	ND<0.5	ND<0.5	ND<0.5	**18**	--	--
TPE-2	2/15/2008	7-15	--	7.42	0	--	13.55	**2,500**	**310**	**4**	**8**	**5**	--	**0.6 J**	ND<0.5	ND<0.5	ND<0.5	**13**	--	--
TPE-2	3/10/2008	7-15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Well Destroyed
TPE-2R	3/27/2008	5 - 25	13.11	7.53	0	5.58	29.90	**1,600**	**260**	**5**	**38**	**11**	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**10**	--	--
TPE-2R	6/23/2008	5 - 25	13.11	7.36	0	5.75	28.57	**2,200**	**200**	**4**	**66**	**11**	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**4 J**	--	--
TPE-2R	9/2/2008	5 - 25	13.11	7.31	0	5.80	28.60	**400**	**50**	**0.5 J**	**4**	**1 J**	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
TPE-2R	12/2/2008	5 - 25	13.11	7.68	0	5.43	28.48	**1,500**	**140**	**3 J**	**49**	**7.7 J**	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
TPE-2R	3/4/2009	5 - 25	13.11	7.68	0	5.43	28.50	**2,200**	**100**	**3 J**	**33**	**5**	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	Pre-purge
TPE-2R	3/4/2009	5 - 25	13.11	7.68	0	5.43	28.50	**1,300**	**55**	**2 J**	**28**	**4 J**	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	Post-purge
TPE-2R	6/15/2009	5 - 25	13.11	7.55	0	5.56	28.34	**2,200**	**150**	**4 J**	**28**	**7**	--	ND<1	ND<1	ND<1	ND<1	ND<30	ND<200	Non-purge sample; all compounds analyzed by EPA 624
TPE-2R	6/19/2009	5 - 25	13.11	7.52	0	5.59	28.38	--	--	--	--	--	--	--	--	--	--	--	--	**See Note
TPE-2R	7/28/2009	5 - 25	13.11	7.72	0	5.39	28.50	**3,000**	**170**	**5**	**43**	**9.5 J**	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	Non-purge sample
TPE-2R*	11/6/2009	5 - 25	--	7.27	0	--	--	**2,100**	**180**	**4**	**16**	**4**	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**5 J**	ND<50	Pump in well; sampled from wellhead plug
TPE-2R*	3/3/2010	5 - 25	11.86	4.90	0	6.96	--	**770**	**37**	**2 J**	**0.9 J**	**19**	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	Pump in well
TPE-2R*	6/1/2010	5 - 25	11.86	7.40	0	4.46	--	**640**	**110**	**6**	**17**	**60**	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	Pump in well
TPE-2R*	8/31/2010	5 - 25	11.86	5.97	0	5.89	--	**2,000**	**210**	**2 J**	**68**	**17 J**	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	Pump in well stuck
TPE-2R*	12/1/2010	5 - 25	11.86	5.30	0	6.56	--	**59**	**0.8 J**	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	Pump in well stuck
TPE-2R*	3/2/2011	5 - 25	11.86	5.14	0	6.72	--	**220**	**10**	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	Pump in well
TPE-2R*	6/2/2011	5 - 25	11.86	20.30	0	-8.44	--	**230**	**5**	**0.8 J**	**2 J**	**2 J**	--	**0.5 J**	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	Pump in well working
TPE-2R*	9/6/2011	5 - 25	11.86	19.49	0	-7.63	--	**840**	**110**	**29**	**22**	**121**	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	Pump in well
TPE-2R*	12/5/2011	5 - 25	11.86	7.14	0	4.72	--	**470**	**96**	**2 J**	**23**	**29**	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	Pump in well
TPE-2R*	3/5/2012	5 - 25	11.86	5.36	0	6.50	28.39	**160**	**10**	ND<0.5	**2 J**	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	Pump in well
TPE-2R*	6/4/2012	5 - 25	11.86	6.60	0	5.26	28.35	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	Pump in well
TPE-2R*	9/10/2012	5 - 25	11.86	6.85	0	5.01	28.20	**33 J**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	Pump in well
TPE-2R*	12/10/2012	5 - 25	11.86	5.61	0	6.25	27.96	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	Pump in well

Table 2. Historical Groundwater Analyses and Gauging Results
Chevron Environmental Management Company
Former Chevron Service Station No. 9-8721
9971 Adams Avenue, Huntington Beach, California

Well ID	Date Sampled	Screen Interval (ft bgs)	Top of Casing (ft MSL)	Depth to GW (ft bgs)	NAPL Thickness (feet)	GW Elevation (ft MSL)	Depth of Well (ft bgs)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Total Xylenes (ug/L)	MTBE 8021B (ug/L)	MTBE 8260 (ug/L)	ETBE (ug/L)	DIPE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	Comments
P-01	8/18/1995	--	--	8.78	0	--	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--	--
P-01	2/15/1996	--	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-01	7/30/1996	--	--	8.54	0	--	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<10	--	--	--	--	--	--	--
P-01	12/24/1996	--	--	7.56	0	--	--	ND<500	**1.8**	**0.4**	ND<0.3	**0.9**	ND<10	--	--	--	--	--	--	--
P-01	3/5/1997	--	--	7.76	0	--	--	ND<500	**0.3**	**0.5**	ND<0.3	ND<0.6	ND<10	--	--	--	--	--	--	--
P-01	5/30/1997	--	--	8.31	0	--	--	ND<500	**0.4**	ND<0.3	ND<0.3	ND<0.6	ND<10	--	--	--	--	--	--	--
P-01	9/17/1997	--	--	9.31	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-01	12/16/1997	--	--	8.91	0	--	--	ND<500	ND<0.3	ND<0.3	ND<0.3	**0.9**	ND<10	--	--	--	--	--	--	--
P-01	2/16/1998	--	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-01	6/1/1998	--	--	7.38	0	--	--	ND<500	ND<0.3	ND<0.3	ND<0.6	ND<0.6	**1.1**	--	--	--	--	--	--	--
P-01	9/11/1998	--	--	8.32	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-01	11/25/1998	--	--	8.99	0	--	19.15	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<10	--	--	--	--	--	--	No purge sampling
P-01	1/18/1999	--	--	9.00	0	--	19.20	ND<1,000	ND<0.6	**7.0**	**0.8**	**2.6**	ND<20	--	--	--	--	--	--	No purge sampling
P-01	8/11/1999	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Abandoned 2nd qtr 1999
P-02	8/18/1995	--	--	7.37	0	--	--	**1,200**	**2,500**	**410**	**370**	**1,200**	--	--	--	--	--	--	--	--
P-02	2/15/1996	--	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-02	7/30/1996	--	--	8.22	0	--	--	**180**	**50**	**15**	**7.8**	**17**	ND<10	--	--	--	--	--	--	--
P-02	12/24/1996	--	--	8.05	0	--	--	**2,700**	**1,500**	**120**	**150**	**210**	**13**	--	--	--	--	--	--	--
P-02	3/5/1997	--	--	7.43	0	--	--	**1,800**	**310**	**91**	**55**	**130**	**20**	--	--	--	--	--	--	--
P-02	5/30/1997	--	--	8.03	0	--	--	**2,000**	**300**	**60**	**83**	**110**	**17**	--	--	--	--	--	--	--
P-02	9/17/1997	--	--	9.08	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-02	12/16/1997	--	--	8.81	0	--	--	ND<500	ND<0.3	**0.6**	ND<0.3	ND<0.6	**1.5**	--	--	--	--	--	--	--
P-02	2/16/1998	--	--	6.71	0	--	--	ND<500	**1,000**	**92**	**54**	**230**	**71**	--	--	--	--	--	--	--
P-02	2/16/1998	--	--			--	--	ND<500	**1,100**	**67**	**42**	**180**	**79**	--	--	--	--	--	--	--
P-02	6/1/1998	--	--	7.25	0	--	--	**1,800**	**260**	**72**	**80**	**120**	**18**	--	--	--	--	--	--	--
P-02	6/1/1998	--	--			--	--	**1,000**	**310**	**55**	**56**	**30**	**7**	--	--	--	--	--	--	--
P-02	9/11/1998	--	--	8.10	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-02	11/25/1998	--	--	8.87	0	--	19.65	ND<500	**90**	ND<0.3	ND<0.3	**9**	ND<10	--	--	--	--	--	--	No purge sampling
P-02	1/18/1999	--	--	8.73	0	--	25.38	**1,350**	**51**	**19**	**11**	**21**	ND<20	--	--	--	--	--	--	No purge sampling
P-02	8/11/1999	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Abandoned 2nd qtr 1999
Rinsate	8/11/1999	--	--	--	--	--	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<10	--	--	--	--	--	--	--
Rinsate	10/4/1999	--	--	--	--	--	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<10	--	--	--	--	--	--	--
Rinsate	1/13/2000	--	--	--	--	--	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<5	--	--	--	--	--	--	--
Rinsate	4/19/2000	--	--	--	--	--	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<5	--	--	--	--	--	--	--
Rinsate	7/20/2000	--	--	--	--	--	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<5	--	--	--	--	--	--	--
Rinsate	10/20/2002	--	--	--	--	--	--	ND<500	ND<5	ND<5	ND<5	ND<5	--	ND<1	ND<1	ND<1	ND<1	ND<20	--	--
Rinsate	1/18/2001	--	--	--	--	--	--	ND<100	ND<5	ND<5	ND<5	ND<5	--	ND<1	ND<1	ND<1	ND<1	ND<20	--	--
Rinsate	6/6/2001	--	--	--	--	--	--	ND<100	ND<5	ND<5	ND<5	ND<5	--	ND<1	ND<1	ND<1	ND<1	ND<10	--	--
Rinsate	12/4/2001	--	--	--	--	--	--	ND<100	ND<1	ND<5	ND<5	ND<5	--	ND<1	ND<1	ND<1	ND<1	ND<10	--	--
Trip Blank	7/30/1996	--	--	--	--	--	--	--	--	ND<0.3	ND<0.3	ND<0.3	--	--	--	--	--	--	--	--
Trip Blank	12/24/1996	--	--	--	--	--	--	--	--	ND<0.3	ND<0.3	ND<0.3	--	--	--	--	--	--	--	--
Trip Blank	3/5/1997	--	--	--	--	--	--	--	--	**0.6**	ND<0.3	ND<0.3	--	--	--	--	--	--	--	--
Trip Blank	5/30/1997	--	--	--	--	--	--	--	--	ND<0.3	ND<0.3	ND<0.3	--	--	--	--	--	--	--	--
Trip Blank	9/17/1997	--	--	--	--	--	--	--	--	**0.5**	ND<0.3	**0.9**	--	--	--	--	--	--	--	--
Trip Blank	12/16/1997	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 2. Historical Groundwater Analyses and Gauging Results
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Former Chevron Service Station No. 9-8721
9971 Adams Avenue, Huntington Beach, California

Well ID	Date Sampled	Screen Interval (ft bgs)	Top of Casing (ft MSL)	Depth to GW (ft bgs)	NAPL Thickness (feet)	GW Elevation (ft MSL)	Depth of Well (ft bgs)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Total Xylenes (ug/L)	MTBE 8021B (ug/L)	MTBE 8260 (ug/L)	ETBE (ug/L)	DIPE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	Comments
Trip Blank	6/1/1998	--	--	--	--	--	--	--	--	ND<0.3	ND<0.6	ND<0.6	--	--	--	--	--	--	--	--
Trip Blank	9/11/1998	--	--	--	--	--	--	--	--	ND<0.3	ND<0.6	ND<0.6	--	--	--	--	--	--	--	--
Trip Blank	11/25/1998	--	--	--	--	--	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<10	--	--	--	--	--	--	--
Trip Blank	1/18/1999	--	--	--	--	--	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--	--
Trip Blank	8/11/1999	--	--	--	--	--	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<10	--	--	--	--	--	--	--
Trip Blank	10/4/1999	--	--	--	--	--	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<10	--	--	--	--	--	--	--
Trip Blank	1/13/2000	--	--	--	--	--	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<5	--	--	--	--	--	--	--
Trip Blank	4/19/2000	--	--	--	--	--	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<5	--	--	--	--	--	--	--
Trip Blank	7/20/2000	--	--	--	--	--	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<5	--	--	--	--	--	--	--
Trip Blank	10/20/2000	--	--	--	--	--	--	ND<500	ND<5	ND<5	ND<5	ND<5	--	ND<1	ND<1	ND<1	ND<1	ND<20	--	--
Trip Blank	1/18/2001	--	--	--	--	--	--	ND<100	ND<5	ND<5	ND<5	ND<5	--	ND<1	ND<1	ND<1	ND<1	ND<20	--	--
Trip Blank	6/6/2001	--	--	--	--	--	--	ND<100	ND<5	ND<5	ND<5	ND<5	--	ND<1	ND<1	ND<1	ND<1	ND<10	--	--
Trip Blank	8/29/2001	--	--	--	--	--	--	ND<100	ND<5	ND<5	ND<5	ND<5	--	ND<1	ND<1	ND<1	ND<1	ND<10	--	--
Trip Blank	12/4/2001	--	--	--	--	--	--	ND<100	ND<1	ND<5	ND<5	ND<5	--	ND<1	ND<1	ND<1	ND<1	ND<10	--	--
Trip Blank	2/12/2002	--	--	--	--	--	--	ND<100	ND<1	ND<5	ND<5	ND<5	--	ND<1	ND<1	ND<1	ND<1	ND<10	--	--
Trip Blank	5/30/2002	--	--	--	--	--	--	ND<100	ND<1	ND<5	ND<5	ND<5	--	ND<1	ND<1	ND<1	ND<1	ND<10	--	--
Trip Blank	6/11/2002	--	--	--	--	--	--	ND<100	ND<1	ND<5	ND<5	ND<5	--	ND<1	ND<1	ND<1	ND<1	ND<10	--	--
Trip Blank	9/11/2002	--	--	--	--	--	--	ND<100	ND<1	ND<5	ND<5	ND<5	--	ND<1	ND<1	ND<1	ND<1	ND<10	--	--
Trip Blank	12/6/2002	--	--	--	--	--	--	ND<100	ND<1	ND<5	ND<5	ND<5	--	ND<1	ND<1	ND<1	ND<1	ND<10	--	--
Trip Blank	2/4/2003	--	--	--	--	--	--	ND<50	ND<1	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
Trip Blank	4/7/2003	--	--	--	--	--	--	ND<50	ND<1	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
Trip Blank	7/1/2003	--	--	--	--	--	--	ND<50	ND<1	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
Trip Blank	10/1/2003	--	--	--	--	--	--	ND<50	ND<1	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
Trip Blank	1/5/2004	--	--	--	--	--	--	ND<50	ND<1	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
Trip Blank	4/6/2004	--	--	--	--	--	--	ND<50	ND<1	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
Trip Blank	7/8/2004	--	--	--	--	--	--	ND<50	ND<1	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
Trip Blank	12/13/2004	--	--	--	--	--	--	ND<50	ND<1	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
Trip Blank	3/31/2005	--	--	--	--	--	--	ND<50	ND<1	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
Trip Blank	6/21/2005	--	--	--	--	--	--	ND<50	ND<1	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
Trip Blank	9/24/2005	--	--	--	--	--	--	ND<50	ND<1	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
Trip Blank	12/12/2005	--	--	--	--	--	--	ND<50	ND<0.28	ND<0.36	ND<0.25	ND<0.52	--	ND<0.32	ND<0.28	ND<0.25	ND<0.33	ND<3.1	--	--
Trip Blank	3/13/2006	--	--	--	--	--	--	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	--	--
Trip Blank	6/1/2006	--	--	--	--	--	--	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	--	--
Trip Blank	9/21/2006	--	--	--	--	--	--	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	--	--
Trip Blank	12/12/2006	--	--	--	--	--	--	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	--	--
Trip Blank	2/5/2007	--	--	--	--	--	--	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	--	--
Trip Blank	5/3/2007	--	--	--	--	--	--	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	--	--
Trip Blank	8/7/2007	--	--	--	--	--	--	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	--	--
Trip Blank	10/5/2007	--	--	--	--	--	--	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	--	--
Trip Blank	2/15/2008	--	--	--	--	--	--	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	--	--
Trip Blank	3/27/2008	--	--	--	--	--	--	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	--	Well Development
Trip Blank	6/23/2008	--	--	--	--	--	--	**90**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	--	--
Trip Blank	9/2/2008	--	--	--	--	--	--	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
Trip Blank	12/2/2008	--	--	--	--	--	--	**23 J**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
Trip Blank	3/4/2009	--	--	--	--	--	--	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
Trip Blank	6/15/2009	--	--	--	--	--	--	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
Trip Blank	6/19/2009	--	--	--	--	--	--	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	--	--
Trip Blank	7/28/2009	--	--	--	--	--	--	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
Trip Blank	10/19/2009	--	--	--	--	--	--	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	--	Well Development

Table 2. Historical Groundwater Analyses and Gauging Results
Chevron Environmental Management Company
Former Chevron Service Station No. 9-8721
9971 Adams Avenue, Huntington Beach, California

Well ID	Date Sampled	Screen Interval (ft bgs)	Top of Casing (ft MSL)	Depth to GW (ft bgs)	NAPL Thickness (feet)	GW Elevation (ft MSL)	Depth of Well (ft bgs)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Total Xylenes (ug/L)	MTBE 8021B (ug/L)	MTBE 8260 (ug/L)	ETBE (ug/L)	DIPE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	Comments
Trip Blank	11/6/2009	--	--	--	--	--	--	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
Trip Blank	3/3/2010	--	--	--	--	--	--	**24 J**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
Trip Blank	6/1/2010	--	--	--	--	--	--	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
Trip Blank	8/31/2010	--	--	--	--	--	--	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
Trip Blank	12/1/2010	--	--	--	--	--	--	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
Trip Blank	3/2/2011	--	--	--	--	--	--	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
Trip Blank	6/2/2011	--	--	--	--	--	--	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
Trip Blank	9/6/2011	--	--	--	--	--	--	ND<22	ND<0.5	ND<0.5	ND<0.5	**0.6 J**	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
Trip Blank	12/5/2011	--	--	--	--	--	--	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
Trip Blank	3/5/2012	--	--	--	--	--	--	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
Trip Blank	6/4/2012	--	--	--	--	--	--	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
Trip Blank	9/10/2012	--	--	--	--	--	--	**33 J**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--
Trip Blank	12/10/2012	--	--	--	--	--	--	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	--

Notes:

ug/L = Micrograms per liter
ND = Not detected
NAPL = Non-aqueous phase liquid
TPHg = Total petroleum hydrocarbons as gasoline analyzed by gas chromatography/mass spectrometry (GC/MS) by EPA Method 8260B
MTBE = Methyl tertiary-butyl ether analyzed by EPA Method 8260B
ETBE = Ethyl tertiary-butyl ether analyzed by EPA Method 8260B
DIPE = Di-isopropyl ether analyzed by EPA Method 8260B
TAME = Tertiary-amyl methyl ether analyzed by EPA Method 8260B
TBA = Tertiary-butyl alcohol analyzed by EPA Method 8260B
J = denotes value between method detection limit and detection limit for reporting purposes
Beginning 10/20/2000, BTEX analyzed by EPA Method 8260 unless noted
* = Survey datum is "Natural Ground"
* 4/27/02, wells resurveyed per AB2886 requirements. Historical elevations measured to NGVD29 datum.
New elevations measured to NAVD88, giving elevations approx. 1.5 to 2.5 feet higher than NGVD29 datum.
ft bgs = feet below ground surface
ft MSL = feet above mean sea level
Detected concentrations are shown in bold type
-- = unknown
** Samples collected on 6/19/2009 were collected for analysis of additional compounds needed for an NPDES permit application. Some of the original samples collected on 6/15/2009 for this additional analysis were out of temperature range at the laboratory; therefore, these wells had to be re-sampled.
* Wells TPE-1R, TPE-1B, and TPE-2R have total depths of 33, 33.9, and 30 feet bgs, respectively. These three wells were installed with 5 foot sumps at the bottom.
Top of well casings for MW-02, TPE-1R, and TPE-2R were modified to accommodate pump installation. These wells were resurveyed on 3/18/2010.
Well TPE-1B was surveyed on 6/28/2010.

Table 3. Current Additional Analyses
Chevron Environmental Management Company
Former Chevron Service Station No. 9-8721
9971 Adams Avenue, Huntington Beach, California

Well ID	Date Sampled	Acetone (ug/L)	2-Butanone (ug/L)	n-Butylbenzene (ug/L)	sec-Butylbenzene (ug/L)	tert-Butylbenzene (ug/L)	Carbon Disulfide (ug/L)	Chloroethane (ug/L)	Isopropylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	Napthalene (ug/L)	n-Propylbenzene (ug/L)	1,1,2-Trichloroethane (ug/L)	1,2,4-Trimethylbenzene (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Comments
B-01	9/2/2008	ND<6	--	ND<1	ND<1	--	--	--	ND<1	--	ND<1	ND<1	--	ND<1	ND<1	--
B-01	12/3/2008	ND<6	ND<3	ND<1	ND<1	--	--	--	ND<1	--	ND<1	ND<1	--	ND<1	ND<1	--
B-01	3/4/2009	ND<6	ND<3	ND<1	ND<1	--	--	--	ND<1	--	ND<1	ND<1	--	ND<1	ND<1	Pre-purge
B-01	3/4/2009	ND<6	ND<3	ND<1	ND<1	--	--	--	ND<1	--	ND<1	ND<1	--	ND<1	ND<1	Post-purge
B-01	6/15/2009	ND<6	ND<3	ND<1	ND<1	--	--	--	ND<1	--	ND<1	ND<1	--	ND<1	ND<1	Non-purge sample
B-01	7/28/2009	ND<6	ND<3	ND<1	ND<1	--	--	--	ND<1	--	ND<1	ND<1	--	ND<1	ND<1	Non-purge sample
B-01	11/6/2009	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	--	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
B-01	3/3/2010	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	--	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
B-01	6/1/2010	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	--	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
B-01	8/31/2010	**16 J**	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
B-01	12/1/2010	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	**1 J**	ND<1	ND<0.8	ND<1	ND<1	--
B-01	3/2/2011	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
B-01	6/2/2011	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
B-01	9/6/2011	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
B-01	12/5/2011	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
B-01	3/5/2012	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
B-01	6/4/2012	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
B-01	9/10/2012	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
B-01	12/10/2012	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
B-02	9/2/2008	**13 J**	--	ND<1	ND<1	--	--	--	**1 J**	--	ND<1	ND<1	--	ND<1	ND<1	--
B-02	12/3/2008	ND<6	ND<3	ND<1	ND<1	--	--	--	ND<1	--	ND<1	ND<1	--	ND<1	ND<1	--
B-02	3/4/2009	ND<6	ND<3	ND<1	ND<1	--	--	--	ND<1	--	ND<1	ND<1	--	ND<1	ND<1	Pre-purge
B-02	3/4/2009	ND<6	ND<3	ND<1	ND<1	--	--	--	ND<1	--	ND<1	ND<1	--	ND<1	ND<1	Post-purge
B-02	6/15/2009	**8 J**	ND<3	ND<1	ND<1	--	--	--	ND<1	--	ND<1	ND<1	--	ND<1	ND<1	Non-purge sample
B-02	7/28/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Sampled semi-annually
B-02	11/6/2009	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	--	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
B-02	6/1/2010	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	--	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
B-02	8/31/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Sampled semi-annually
B-02	12/1/2010	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
B-02	3/2/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Sampled semi-annually
B-02	6/2/2011	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
B-02	9/6/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Sampled semi-annually
B-02	12/5/2011	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
B-02	3/5/2012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Sampled semi-annually
B-02	6/4/2012	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
B-02	9/10/2012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Sampled semi-annually
B-02	12/10/2012	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
MW-01	9/2/2008	ND<6	--	ND<1	ND<1	--	--	--	ND<1	--	ND<1	ND<1	--	ND<1	ND<1	--
MW-01	12/3/2008	ND<6	ND<3	ND<1	ND<1	--	--	--	ND<1	--	ND<1	ND<1	--	ND<1	ND<1	--
MW-01	3/4/2009	ND<6	ND<3	ND<1	ND<1	--	--	--	ND<1	--	ND<1	ND<1	--	ND<1	ND<1	Pre-purge
MW-01	3/4/2009	ND<6	ND<3	ND<1	ND<1	--	--	--	ND<1	--	ND<1	ND<1	--	ND<1	ND<1	Post-purge
MW-01	6/15/2009	ND<6	ND<3	ND<1	ND<1	--	--	--	ND<1	--	ND<1	ND<1	--	ND<1	ND<1	Non-purge sample
MW-01	7/28/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Sampled semi-annually
MW-01	11/6/2009	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	--	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
MW-01	6/1/2010	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	--	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
MW-01	8/31/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Sampled semi-annually
MW-01	12/1/2010	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
MW-01	3/2/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Sampled semi-annually
MW-01	6/2/2011	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
MW-01	9/6/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Sampled semi-annually
MW-01	12/5/2011	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
MW-01	3/5/2012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Sampled semi-annually
MW-01	6/4/2012	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
MW-01	9/10/2012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Sampled semi-annually
MW-01	12/10/2012	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--

Table 3. Current Additional Analyses
Chevron Environmental Management Company
Former Chevron Service Station No. 9-8721
9971 Adams Avenue, Huntington Beach, California

Well ID	Date Sampled	Acetone (ug/L)	2-Butanone (ug/L)	n-Butylbenzene (ug/L)	sec-Butylbenzene (ug/L)	tert-Butylbenzene (ug/L)	Carbon Disulfide (ug/L)	Chloroethane (ug/L)	Isopropylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	Napthalene (ug/L)	n-Propylbenzene (ug/L)	1,1,2-Trichloroethane (ug/L)	1,2,4-Trimethylbenzene (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Comments
MW-02	9/2/2008	22	--	2 J	2 J	--	--	--	18	--	30	31	--	ND<1	ND<1	--
MW-02	12/3/2008	40	ND<3	1 J	2 J	--	--	--	16	--	20	26	--	ND<1	ND<1	--
MW-02	3/4/2009	ND<6	ND<3	ND<1	ND<1	--	--	--	ND<1	--	ND<1	ND<1	--	ND<1	ND<1	Pre-purge
MW-02	3/4/2009	6 J	ND<3	ND<1	1 J	--	--	--	12	--	16	19	--	ND<1	ND<1	Post-purge
MW-02	6/15/2009	17 J	ND<6	--	--	--	--	--	--	--	19	--	--	--	--	Non-purge sample; analyzed by EPA 624
MW-02	7/28/2009	7 J	ND<3	ND<1	ND<1	--	--	--	ND<1	--	ND<1	1 J	--	ND<1	ND<1	Non-purge sample
MW-02	11/6/2009	540	860	ND<1	1 J	ND<1	10	2 J	16	--	7	22	ND<0.8	ND<1	ND<1	--
MW-02	3/3/2010	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	--	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
MW-02	6/1/2010	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	3 J	--	3 J	4 J	ND<0.8	ND<1	ND<1	--
MW-02	8/31/2010	38	ND<3	10	8	ND<1	ND<1	ND<1	68	2 J	210	120	ND<0.8	540	190	--
MW-02	12/1/2010	ND<30	ND<15	8 J	6 J	ND<5	ND<5	ND<5	54	ND<5	160	110	ND<4	620	170	--
MW-02	3/2/2011	ND<30	ND<15	6 J	ND<5	ND<5	ND<5	ND<5	53	ND<5	140	99	ND<4	490	59	--
MW-02	6/2/2011	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	6	ND<1	12	7	ND<0.8	67	26	--
MW-02	9/6/2011	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
MW-02	12/5/2011	61	3 J	2 J	2 J	ND<1	ND<1	ND<1	17	ND<1	53	29	ND<0.8	65	23	--
MW-02	3/5/2012	21 J	7 J	9 J	8 J	ND<2	ND<2	ND<2	63	4 J	150	120	ND<2	970	83	--
MW-02	6/4/2012	ND<6	ND<3	3 J	5 J	ND<1	ND<1	ND<1	34	2 J	14	70	ND<0.8	260	13	--
MW-02	9/10/2012	16 J	7 J	7	11	ND<1	ND<1	ND<1	64	3 J	38	120	ND<0.8	260	56	--
MW-02	12/10/2012	ND<6	7 J	9	10	ND<1	ND<1	ND<1	65	3 J	79	130	ND<0.8	310	98	--
MW-03	9/2/2008	ND<6	--	ND<1	ND<1	--	--	--	ND<1	--	ND<1	ND<1	--	ND<1	ND<1	--
MW-03	12/3/2008	ND<6	ND<3	ND<1	ND<1	--	--	--	ND<1	--	ND<1	ND<1	--	ND<1	ND<1	--
MW-03	3/4/2009	ND<6	ND<3	ND<1	ND<1	--	--	--	ND<1	--	ND<1	ND<1	--	ND<1	ND<1	Pre-purge
MW-03	3/4/2009	ND<6	ND<3	ND<1	ND<1	--	--	--	ND<1	--	ND<1	ND<1	--	ND<1	ND<1	Post-purge
MW-03	6/15/2009	ND<6	ND<3	ND<1	ND<1	--	--	--	ND<1	--	ND<1	ND<1	--	ND<1	ND<1	Non-purge sample
MW-03	7/28/2009	ND<6	ND<3	ND<1	ND<1	--	--	--	ND<1	--	ND<1	ND<1	--	ND<1	ND<1	Non-purge sample
MW-03	11/6/2009	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	--	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
MW-03	3/3/2010	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	--	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
MW-03	6/1/2010	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	--	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
MW-03	8/31/2010	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
MW-03	12/1/2010	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
MW-03	3/2/2011	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
MW-03	6/2/2011	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
MW-03	9/6/2011	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
MW-03	12/5/2011	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
MW-03	3/5/2012	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
MW-03	6/4/2012	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
MW-03	9/10/2012	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
MW-03	12/10/2012	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
MW-04	9/2/2008	ND<6	--	ND<1	ND<1	--	--	--	7	--	22	13	--	ND<1	ND<1	--
MW-04	12/3/2008	14 J	ND<3	4 J	4 J	--	--	--	36	--	81	62	--	ND<1	ND<1	--
MW-04	3/4/2009	7 J	ND<3	8	9	--	--	--	65	--	100	110	--	ND<1	ND<1	Pre-purge
MW-04	3/4/2009	ND<6	ND<3	1 J	1 J	--	--	--	10	--	17	15	--	ND<1	ND<1	Post-purge
MW-04	6/15/2009	ND<12	ND<6	22	18	--	--	--	120	--	310	290	--	ND<2	ND<2	Non-purge sample
MW-04	7/28/2009	50	ND<3	21	17	--	--	--	130	--	270	250	--	ND<1	1 J	Non-purge sample
MW-04	11/6/2009	12 J	ND<3	23	18	ND<1	ND<1	ND<1	150	--	350	280	ND<0.8	ND<1	1 J	--
MW-04	3/3/2010	9 J	ND<3	1 J	7	ND<1	ND<1	ND<1	41	--	12	17	ND<0.8	ND<1	ND<1	--
MW-04	6/1/2010	ND<12	ND<6	13	12	ND<2	ND<2	ND<2	100	--	180	200	ND<2	ND<2	ND<2	--
MW-04	8/31/2010	24	ND<3	9	10	ND<1	ND<1	ND<1	94	ND<1	200	190	ND<0.8	ND<1	ND<1	--
MW-04	12/1/2010	ND<12	ND<6	16	14	ND<2	ND<2	ND<2	140	ND<2	350	260	ND<2	ND<2	ND<2	--
MW-04	3/2/2011	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	4 J	ND<1	2 J	3 J	ND<0.8	ND<1	ND<1	--
MW-04	6/2/2011	ND<6	3 J	15	13	ND<1	ND<1	ND<1	140	ND<1	290	240	ND<0.8	ND<1	ND<1	--
MW-04	9/6/2011	ND<6	ND<3	20	16	ND<1	ND<1	ND<1	130	ND<1	270	260	ND<0.8	ND<1	1 J	--
MW-04	12/5/2011	ND<6	ND<3	11	11	ND<1	ND<1	ND<1	86	ND<1	180	170	ND<0.8	ND<1	ND<1	--

Table 3. Current Additional Analyses
Chevron Environmental Management Company
Former Chevron Service Station No. 9-8721
9971 Adams Avenue, Huntington Beach, California

Well ID	Date Sampled	Acetone (ug/L)	2-Butanone (ug/L)	n-Butylbenzene (ug/L)	sec-Butylbenzene (ug/L)	tert-Butylbenzene (ug/L)	Carbon Disulfide (ug/L)	Chloroethane (ug/L)	Isopropylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	Napthalene (ug/L)	n-Propylbenzene (ug/L)	1,1,2-Trichloroethane (ug/L)	1,2,4-Trimethylbenzene (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Comments
MW-04	3/5/2012	ND<6	**4 J**	**5 J**	**11**	ND<1	ND<1	ND<1	**100**	ND<1	**8**	**150**	ND<0.8	ND<1	ND<1	--
MW-04	6/4/2012	ND<6	ND<3	ND<1	**3 J**	ND<1	ND<1	ND<1	**28**	ND<1	**2 J**	**9**	ND<0.8	ND<1	ND<1	--
MW-04	9/10/2012	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	**2 J**	ND<1	ND<1	**1 J**	ND<0.8	ND<1	ND<1	--
MW-04	12/10/2012	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	**2 J**	ND<1	**1 J**	**3 J**	ND<0.8	ND<1	ND<1	--
MW-05	9/2/2008	ND<6	--	ND<1	ND<1	--	--	--	ND<1	--	ND<1	ND<1	--	ND<1	ND<1	--
MW-05	12/3/2008	ND<6	ND<3	ND<1	ND<1	--	--	--	ND<1	--	**3 J**	ND<1	--	ND<1	ND<1	--
MW-05	3/4/2009	ND<6	ND<3	ND<1	ND<1	--	--	--	ND<1	--	ND<1	ND<1	--	ND<1	ND<1	Pre-purge
MW-05	3/4/2009	ND<6	ND<3	ND<1	ND<1	--	--	--	ND<1	--	ND<1	ND<1	--	ND<1	ND<1	Post-purge
MW-05	6/15/2009	ND<6	ND<3	ND<1	ND<1	--	--	--	ND<1	--	ND<1	ND<1	--	ND<1	ND<1	Non-purge sample
MW-05	7/28/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Sampled semi-annually
MW-05	11/6/2009	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	--	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
MW-05	6/1/2010	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	--	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
MW-05	8/31/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Sampled semi-annually
MW-05	12/1/2010	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
MW-05	3/2/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Sampled semi-annually
MW-05	6/2/2011	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
MW-05	9/6/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Sampled semi-annually
MW-05	12/5/2011	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
MW-05	3/5/2012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Sampled semi-annually
MW-05	6/4/2012	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
MW-05	9/10/2012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Sampled semi-annually
MW-05	12/10/2012	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
MW-06	9/2/2008	ND<6	--	ND<1	ND<1	--	--	--	**4 J**	--	**13**	**8**	--	ND<1	ND<1	--
MW-06	12/3/2008	ND<6	ND<3	ND<1	ND<1	--	--	--	**4 J**	--	**15**	**9**	--	ND<1	ND<1	--
MW-06	3/4/2009	ND<6	ND<3	ND<1	ND<1	--	--	--	ND<1	--	**1 J**	**1 J**	--	ND<1	ND<1	Pre-purge
MW-06	3/4/2009	ND<6	ND<3	ND<1	ND<1	--	--	--	ND<1	--	**2 J**	ND<1	--	ND<1	ND<1	Post-purge
MW-06	6/15/2009	**10 J**	ND<3	ND<1	ND<1	--	--	--	ND<1	--	ND<1	ND<1	--	ND<1	ND<1	Non-purge sample
MW-06	7/28/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Sampled semi-annually
MW-06	11/6/2009	**7 J**	ND<3	**1 J**	**4 J**	**1 J**	ND<1	ND<1	**28**	--	**61**	**35**	ND<0.8	ND<1	ND<1	--
MW-06	6/1/2010	**6 J**	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	--	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
MW-06	8/31/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Sampled semi-annually
MW-06	12/1/2010	ND<6	ND<3	ND<1	**1 J**	**1 J**	ND<1	ND<1	**8**	ND<1	**120**	**4 J**	ND<0.8	ND<1	ND<1	--
MW-06	3/2/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Sampled semi-annually
MW-06	6/2/2011	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
MW-06	9/6/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Sampled semi-annually
MW-06	12/5/2011	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	**4 J**	ND<1	**74**	**3 J**	ND<0.8	ND<1	ND<1	--
MW-06	3/5/2012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Sampled semi-annually
MW-06	6/4/2012	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
MW-06	9/10/2012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Sampled semi-annually
MW-06	12/10/2012	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
MW-07	9/2/2008	**11 J**	--	ND<1	ND<1	--	--	--	ND<1	--	ND<1	ND<1	--	ND<1	ND<1	--
MW-07	12/3/2008	**10 J**	ND<3	ND<1	ND<1	--	--	--	ND<1	--	ND<1	ND<1	--	ND<1	ND<1	--
MW-07	3/4/2009	ND<6	ND<3	ND<1	ND<1	--	--	--	ND<1	--	ND<1	ND<1	--	ND<1	ND<1	Pre-purge
MW-07	3/4/2009	ND<6	ND<3	ND<1	ND<1	--	--	--	ND<1	--	ND<1	ND<1	--	ND<1	ND<1	Post-purge
MW-07	6/15/2009	**37**	**7 J**	ND<1	ND<1	--	--	--	ND<1	--	ND<1	ND<1	--	ND<1	ND<1	Non-purge sample
MW-07	7/28/2009	**18 J**	ND<3	ND<1	ND<1	--	--	--	ND<1	--	ND<1	ND<1	--	ND<1	ND<1	Purge Sample
MW-07	11/6/2009	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	--	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
MW-07	3/3/2010	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	--	ND<1	ND<1	ND<0.8	ND<1	ND<1	Non-purge sample
MW-07	3/3/2010	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	--	ND<1	ND<1	ND<0.8	ND<1	ND<1	Purge Sample
MW-07	6/1/2010	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	--	ND<1	ND<1	ND<0.8	ND<1	ND<1	Purge Sample
MW-07	8/31/2010	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	**2 J**	ND<1	ND<0.8	ND<1	ND<1	Purge Sample
MW-07	12/1/2010	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
MW-07	3/2/2011	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
MW-07	6/2/2011	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--

Table 3. Current Additional Analyses
Chevron Environmental Management Company
Former Chevron Service Station No. 9-8721
9971 Adams Avenue, Huntington Beach, California

Well ID	Date Sampled	Acetone (ug/L)	2-Butanone (ug/L)	n-Butylbenzene (ug/L)	sec-Butylbenzene (ug/L)	tert-Butylbenzene (ug/L)	Carbon Disulfide (ug/L)	Chloroethane (ug/L)	Isopropylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	Napthalene (ug/L)	n-Propylbenzene (ug/L)	1,1,2-Trichloroethane (ug/L)	1,2,4-Trimethylbenzene (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Comments
MW-07	9/6/2011	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
MW-07	12/5/2011	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
MW-07	3/5/2012	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
MW-07	6/4/2012	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
MW-07	9/10/2012	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
MW-07	12/10/2012	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
MW-08	11/6/2009	ND<6	ND<3	ND<1	ND<1	--	--	--	ND<1	--	ND<1	ND<1	--	ND<1	ND<1	--
MW-08	3/3/2010	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	--	ND<1	ND<1	ND<0.8	ND<1	ND<1	Non-purge sample
MW-08	3/3/2010	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	--	ND<1	ND<1	ND<0.8	ND<1	ND<1	Purge Sample
MW-08	6/1/2010	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	--	ND<1	ND<1	ND<0.8	ND<1	ND<1	Purge Sample
MW-08	8/31/2010	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	Purge Sample
MW-08	12/1/2010	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
MW-08	3/2/2011	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
MW-08	6/2/2011	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
MW-08	9/6/2011	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
MW-08	12/5/2011	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
MW-08	3/5/2012	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
MW-08	6/4/2012	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
MW-08	9/10/2012	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
MW-08	12/10/2012	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
TPE-1R	9/2/2008	**19 J**	--	**3 J**	**3 J**	--	--	--	**23**	--	**94**	**34**	--	**170**	**49**	--
TPE-1R	12/3/2008	**38 J**	ND<8	**5 J**	**4 J**	--	--	--	**35**	--	**100**	**58**	--	**150**	**42**	--
TPE-1R	3/4/2009	ND<15	ND<8	**5 J**	**4 J**	--	--	--	**35**	--	**61**	**75**	--	**120**	ND<3	Pre-purge
TPE-1R	3/4/2009	ND<12	ND<6	**3 J**	**3 J**	--	--	--	**23**	--	**63**	**37**	--	**80**	**15**	Post-purge
TPE-1R	6/15/2009	**24**	ND<3	--	--	--	--	--	--	--	**28**	--	--	--	--	Non-purge sample; analyzed by EPA 624
TPE-1R	7/28/2009	**17 J**	ND<3	**1 J**	**2 J**	--	--	--	**13**	--	**16**	**22**	--	**9**	**2 J**	Non-purge sample
TPE-1R	11/6/2009	**17 J**	**4 J**	**2 J**	**3 J**	ND<1	**54**	ND<1	**30**	--	**24**	**46**	**1 J**	**3 J**	**1 J**	--
TPE-1R	3/3/2010	**10 J**	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	--	ND<1	ND<1	ND<0.8	**1 J**	ND<1	--
TPE-1R	6/1/2010	ND<6	ND<3	**2 J**	**1 J**	ND<1	**3 J**	ND<1	**10**	--	**28**	**17**	ND<0.8	**110**	**33**	--
TPE-1R	8/31/2010	**16 J**	ND<3	**4 J**	**3 J**	ND<1	**1 J**	ND<1	**25**	**1 J**	**71**	**37**	ND<0.8	**320**	**61**	--
TPE-1R	12/1/2010	ND<30	ND<15	**7 J**	**6 J**	ND<5	ND<5	ND<5	**44**	ND<5	**130**	**89**	ND<4	**540**	**130**	--
TPE-1R	3/2/2011	ND<30	ND<15	**6 J**	**6 J**	ND<5	ND<5	ND<5	**45**	ND<5	**87**	**90**	ND<4	**390**	**44**	--
TPE-1R	6/2/2011	ND<12	ND<6	**3 J**	**3 J**	ND<2	ND<2	ND<2	**25**	ND<2	**50**	**49**	ND<2	**200**	**39**	Well Destoryed
TPE-1B	9/6/2011	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	**2 J**	ND<1	--
TPE-1B	12/5/2011	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	**1 J**	ND<1	--
TPE-1B	3/5/2012	ND<6	ND<3	ND<1	ND<1	ND<1	**1 J**	ND<1	**1 J**	ND<1	**3 J**	**2 J**	ND<0.8	**2 J**	ND<1	--
TPE-1B	6/4/2012	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	**1 J**	ND<1	ND<0.8	ND<1	ND<1	--
TPE-1B	9/10/2012	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
TPE-1B	12/10/2012	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
TPE-2R	9/2/2008	**13 J**	--	ND<1	ND<1	--	--	--	**1 J**	--	**1 J**	**1 J**	--	ND<1	ND<1	--
TPE-2R	12/3/2008	**13 J**	**4 J**	**2 J**	**3 J**	--	--	--	**31**	--	**36**	**35**	--	ND<1	ND<1	--
TPE-2R	3/4/2009	**8 J**	ND<3	**2 J**	**3 J**	--	--	--	**37**	--	**21**	**41**	--	ND<1	ND<1	Pre-purge
TPE-2R	3/4/2009	**9 J**	ND<3	**1 J**	**2 J**	--	--	--	**21**	--	**20**	**23**	--	ND<1	ND<1	Post-purge
TPE-2R	6/15/2009	**58**	**19**	--	--	--	--	--	--	--	**31**	--	--	--	--	Non-purge sample; analyzed by EPA 624
TPE-2R	7/28/2009	**49**	ND<3	**4 J**	**4 J**	--	--	--	**53**	--	**36**	**64**	--	ND<1	ND<1	Non-purge sample
TPE-2R	11/6/2009	**25**	**8 J**	**1 J**	**1 J**	ND<1	**10**	ND<1	**35**	--	**17**	**32**	ND<0.8	ND<1	ND<1	--
TPE-2R	3/3/2010	**12 J**	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	--	ND<1	ND<1	ND<0.8	**1 J**	**1 J**	--
TPE-2R	6/1/2010	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	**4 J**	--	**13**	**6**	ND<0.8	**5**	**5 J**	--
TPE-2R	8/31/2010	ND<6	ND<3	**3 J**	**3 J**	ND<1	ND<1	ND<1	**40**	ND<1	**24**	**48**	ND<0.8	**3 J**	**3 J**	--
TPE-2R	12/1/2010	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
TPE-2R	3/2/2011	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	**3 J**	ND<1	ND<1	**2 J**	ND<0.8	ND<1	ND<1	--

Table 3. Current Additional Analyses
Chevron Environmental Management Company
Former Chevron Service Station No. 9-8721
9971 Adams Avenue, Huntington Beach, California

Well ID	Date Sampled	Acetone (ug/L)	2-Butanone (ug/L)	n-Butylbenzene (ug/L)	sec-Butylbenzene (ug/L)	tert-Butylbenzene (ug/L)	Carbon Disulfide (ug/L)	Chloroethane (ug/L)	Isopropylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	Napthalene (ug/L)	n-Propylbenzene (ug/L)	1,1,2-Trichloroethane (ug/L)	1,2,4-Trimethylbenzene (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Comments
TPE-2R	6/2/2011	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	**3 J**	ND<1	**4 J**	**4 J**	ND<0.8	ND<1	ND<1	--
TPE-2R	9/6/2011	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	**3 J**	ND<1	**12**	**4 J**	ND<0.8	**14**	**11**	--
TPE-2R	12/5/2011	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	**3 J**	ND<1	**16**	**4 J**	ND<0.8	**3 J**	**5**	--
TPE-2R	3/5/2012	ND<6	ND<3	ND<1	ND<1	ND<1	**1 J**	ND<1	**3 J**	ND<1	**2 J**	**3 J**	ND<0.8	ND<1	ND<1	--
TPE-2R	6/4/2012	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
TPE-2R	9/10/2012	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
TPE-2R	12/10/2012	**9 J**	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
Trip Blank	9/2/2008	ND<6	--	ND<1	ND<1	--	--	--	ND<1	--	ND<1	ND<1	--	ND<1	ND<1	--
Trip Blank	12/3/2008	ND<6	ND<3	ND<1	ND<1	--	--	--	ND<1	--	ND<1	ND<1	--	ND<1	ND<1	--
Trip Blank	3/4/2009	ND<6	ND<3	ND<1	ND<1	--	--	--	ND<1	--	ND<1	ND<1	--	ND<1	ND<1	--
Trip Blank	6/15/2009	ND<6	ND<3	ND<1	ND<1	--	--	--	ND<1	--	ND<1	ND<1	--	ND<1	ND<1	--
Trip Blank	7/28/2009	ND<6	ND<3	ND<1	ND<1	--	--	--	ND<1	--	ND<1	ND<1	--	ND<1	ND<1	--
Trip Blank	11/6/2009	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	--	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
Trip Blank	3/3/2010	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	--	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
Trip Blank	6/1/2010	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	--	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
Trip Blank	8/31/2010	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
Trip Blank	12/1/2010	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
Trip Blank	3/2/2011	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
Trip Blank	6/2/2011	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
Trip Blank	9/6/2011	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
Trip Blank	12/5/2011	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
Trip Blank	3/5/2012	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
Trip Blank	6/4/2012	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
Trip Blank	9/10/2012	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--
Trip Blank	12/10/2012	ND<6	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.8	ND<1	ND<1	--

Notes:
ug/L = Micrograms per liter
ND = Not detected
J = denotes value between method detection limit and detection limit for reporting purposes
Analytes not listed here were non-detect in all wells.

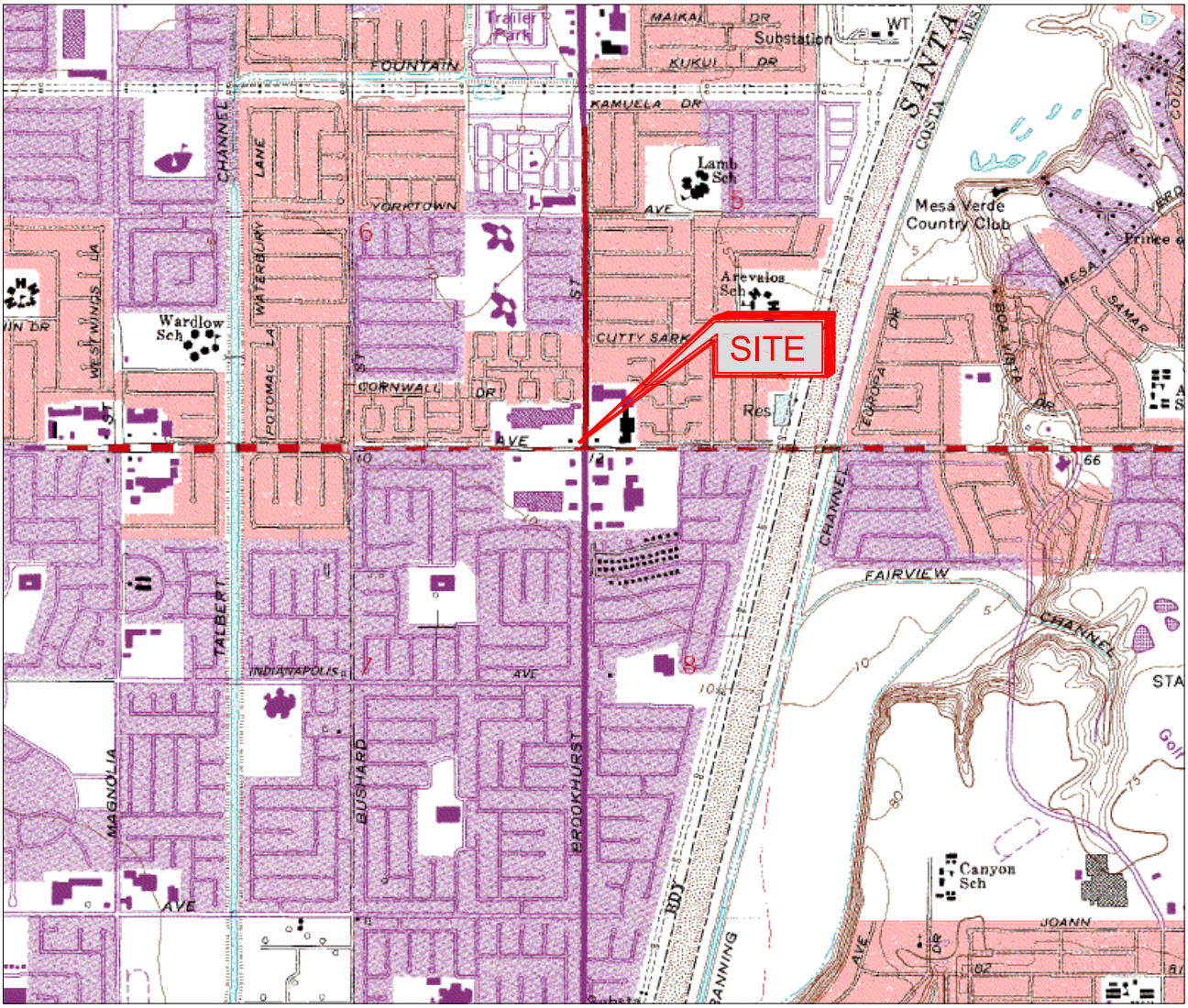
Table 4. Well Sampling Schedule
Chevron Environmental Management Company
Former Chevron Service Station No. 9-8721
9971 Adams Avenue, Huntington Beach, California

Well ID	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Comments
B-01	X	X	X	X	
B-02		X		X	
MW-01		X		X	
MW-02	X	X	X	X	
MW-03	X	X	X	X	
MW-04	X	X	X	X	
MW-05		X		X	
MW-06		X		X	
MW-07	X	X	X	X	
MW-08	X	X	X	X	
TPE-1B	X	X	X	X	
TPE-2R	X	X	X	X	

NOTE: Sampling schedule as of fourth quarter 2012.

ATTACHMENT 4

PLATES



N

SCALE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

REFERENCE: USGS (1981) 7.5-MINUTE QUADRANGLE, NEWPORT BEACH, CALIFORNIA

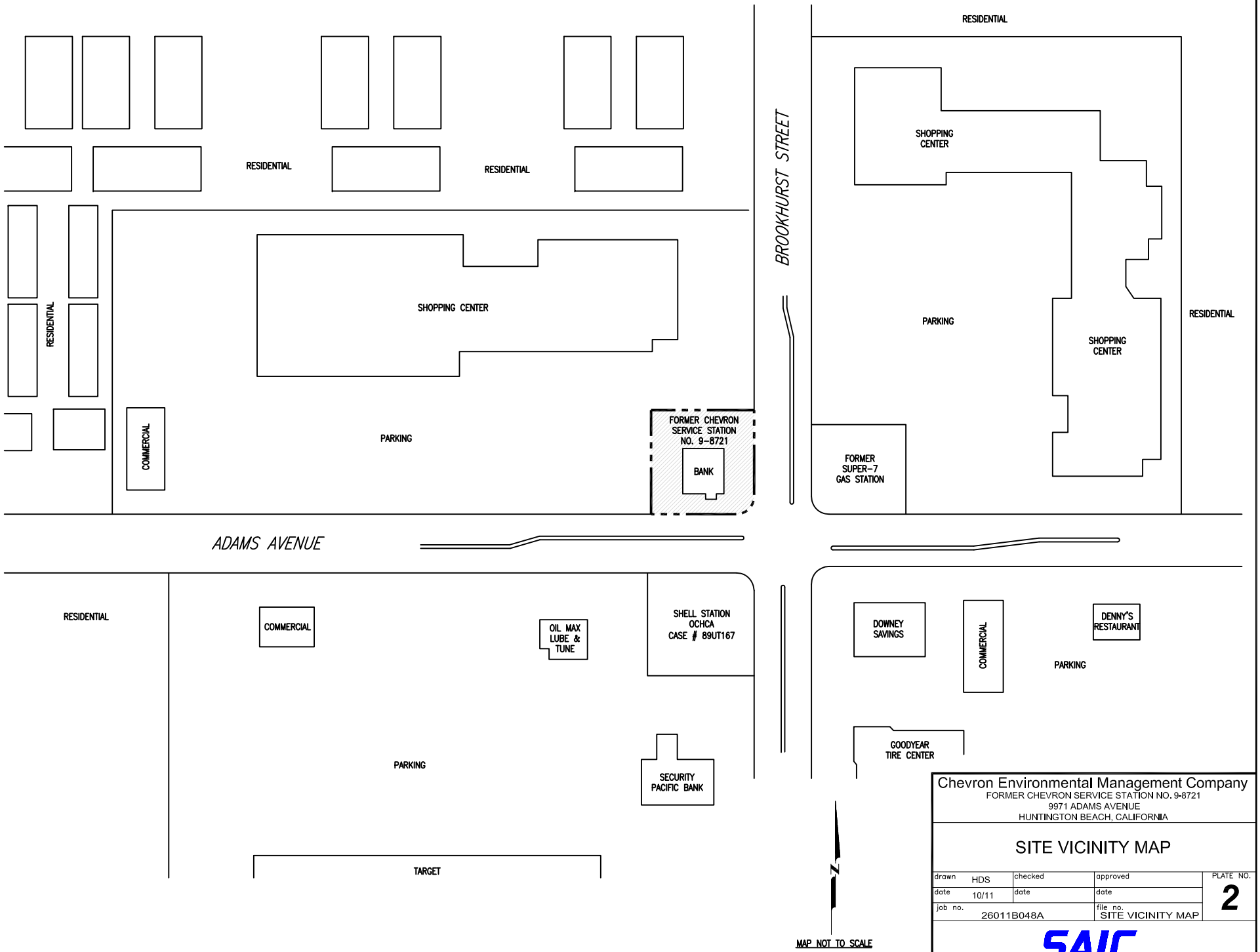
Chevron Environmental Management Company
FORMER CHEVRON SERVICE STATION NO. 9-8721
9971 ADAMS AVENUE
HUNTINGTON BEACH, CALIFORNIA

SITE LOCATION MAP

drawn HDS	checked	approved	PLATE NO. 1
date 10/11	date	date	
job no. 26011B048A		file no. SITE LOCATION MAP	

SAIC

FILE: X:\Drafting\9-8721\BASE\SITE LOCATION MAP.dwg [Layout1]



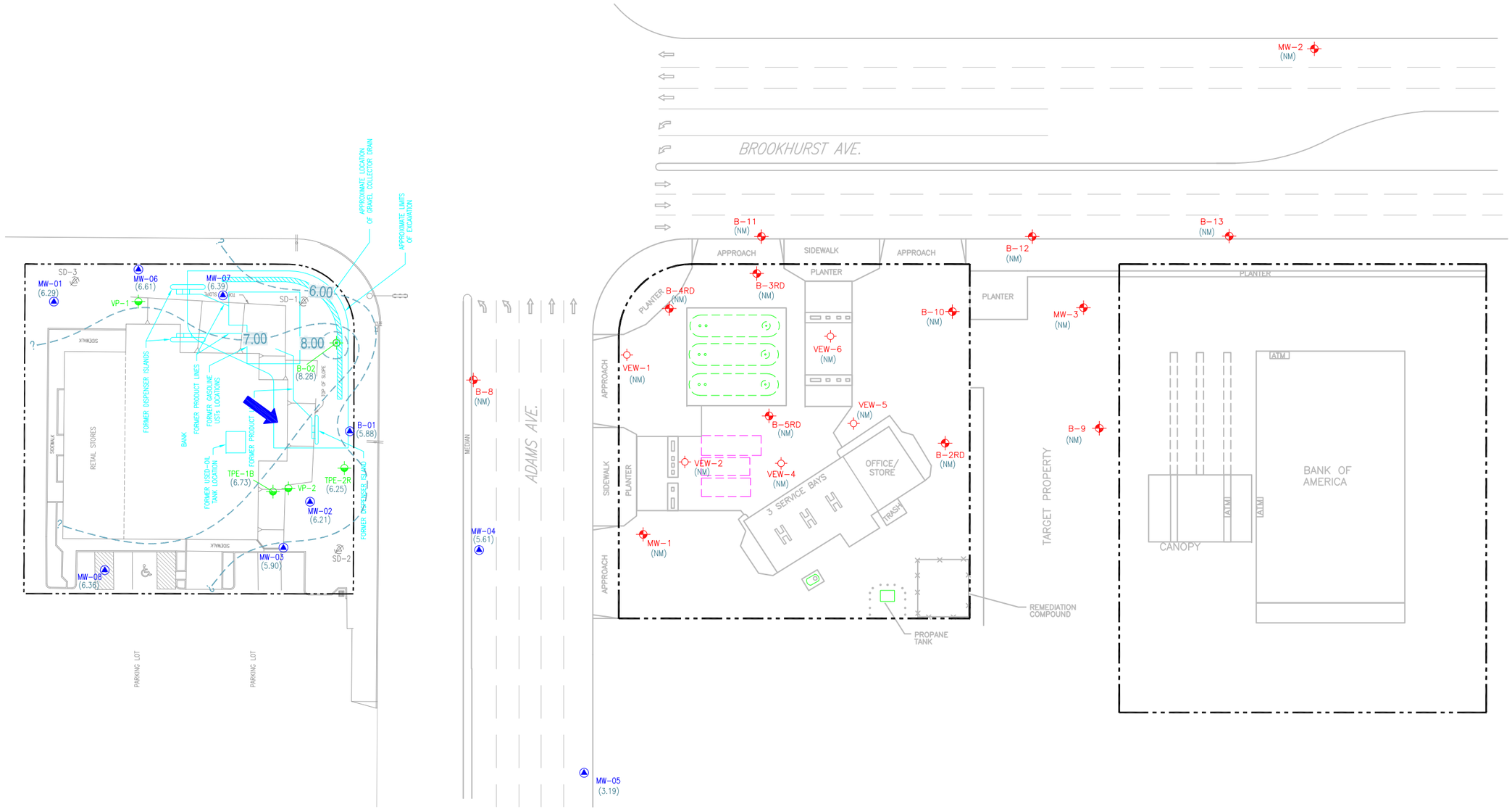
Chevron Environmental Management Company
FORMER CHEVRON SERVICE STATION NO. 9-8721
9971 ADAMS AVENUE
HUNTINGTON BEACH, CALIFORNIA

SITE VICINITY MAP

drawn HDS	checked	approved	PLATE NO. 2
date 10/11	date	date	
job no. 26011B048A		file no. SITE VICINITY MAP	

SAIC

FILE: X:\Drafting\9-8721\BASE\SITE VICINITY MAP.dwg [Model]



EXPLANATION

SURVEYED LOCATION OF:

- GROUNDWATER MONITORING WELL (CHEVRON)
- 16-INCH-DIAMETER RECOVERY WELL
- VAPOR EXTRACTION/VAPOR PROBE WELL
- GROUNDWATER MONITORING WELL (SHELL)
- VAPOR EXTRACTION WELL (SHELL)

APROXIMATE LOCATION OF:

- ABANDONED GROUNDWATER MONITORING WELL

(6.25) GROUNDWATER ELEVATION IN FEET MEAN SEA LEVEL

(NM) NOT MEASURED

6.00 APPROXIMATE LOCATION OF GROUNDWATER ELEVATION CONTOUR IN FEET MEAN SEA LEVEL

APPROXIMATE LOCATION OF PROPERTY BOUNDARY

APPROXIMATE DIRECTION OF GROUNDWATER FLOW (APPROXIMATE HYDRAULIC GRADIENT = VARIABLE)

NOTES:

1. ALL CONTOUR LINES ARE AN INTERPRETATION BASED ON THE RESULTS OF OF THE WELL GAUGING DATA FOR THIS QUARTER.
2. B-02 IS LOCATED NEAR FRENCH DRAIN. THE GROUNDWATER ELEVATION FOR THIS WELL IS NOT TYPICAL.
3. FORMER CHEVRON STATION 9-8721 WAS GAUGED ON DEC. 10, 2012. THE ADJACENT SHELL STATION WAS NOT GAUGED DURING THIS QUARTER.

REFERENCE:

BASE MAP SURVEYED BY CALVADA SURVEYING INC.: AUGUST 29, 2001

N

APPROXIMATE

Scale 0 25 50 feet

Chevron Environmental Management Company

FORMER CHEVRON SERVICE STATION NO. 9-8721
9971 ADAMS AVENUE
HUNTINGTON BEACH, CALIFORNIA

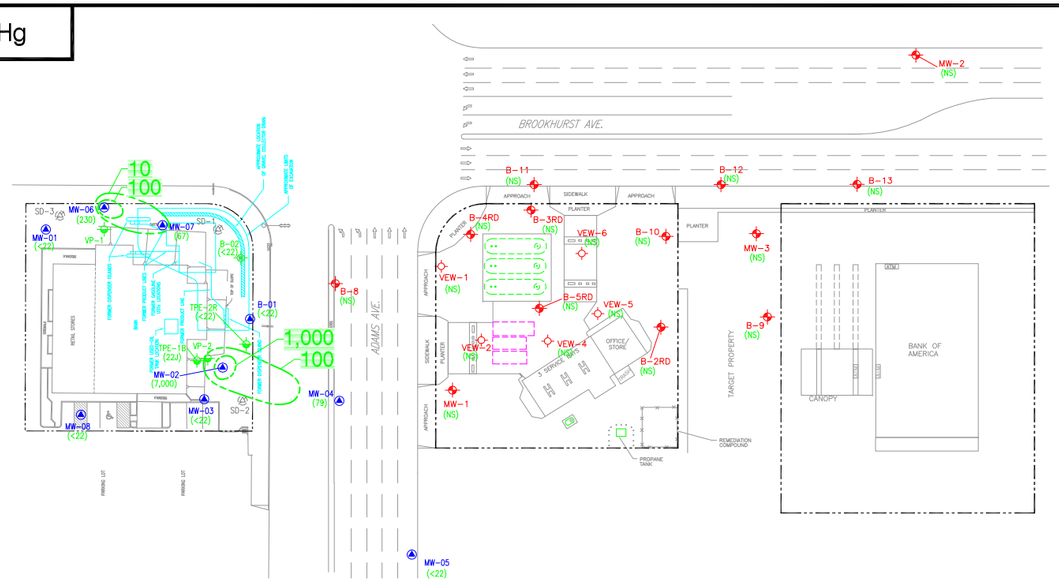
GROUNDWATER CONTOUR MAP DECEMBER 10, 2012

drawn HDS	checked	approved	PLATE NO. 3
date 12/12	date	date	
job no. 26012B048A-GWRU-777		file no. Q8721-GW124	

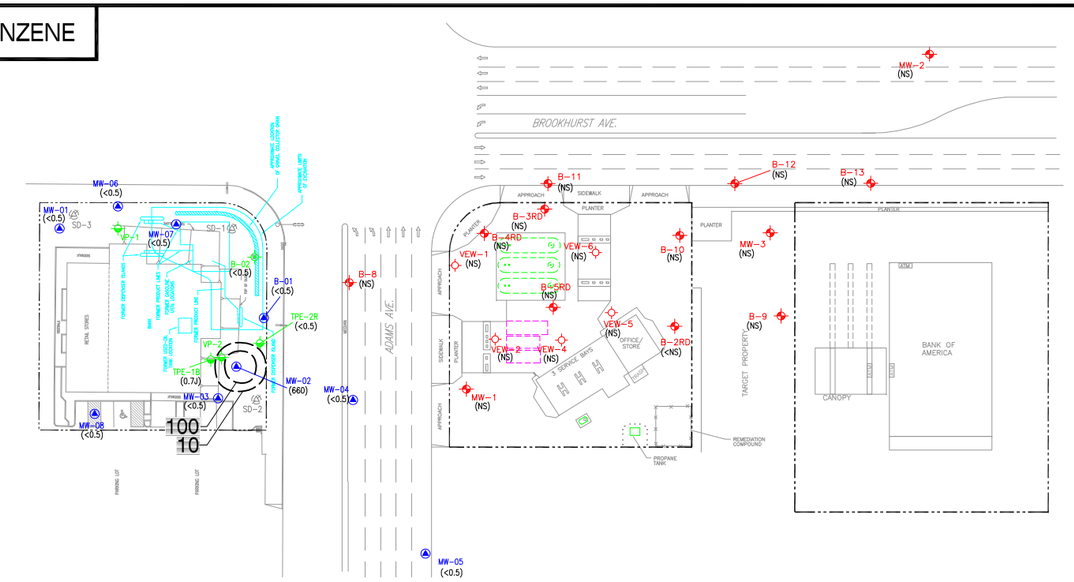
SAIC

FILE: X:\Drafting\9-8721\2012 QTRLY\Q8721-GW124.dwg [Layout1]

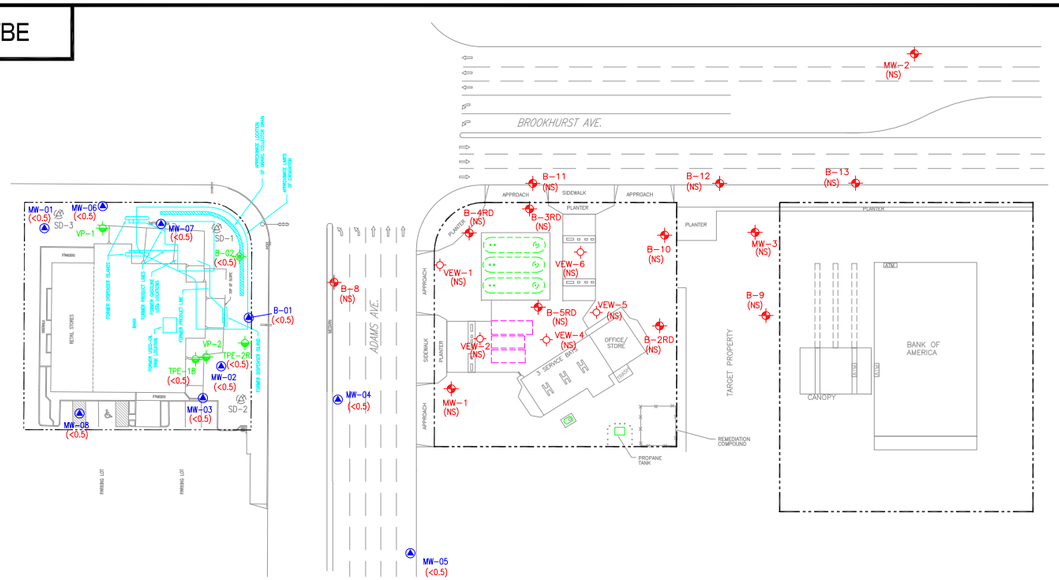
TPHg



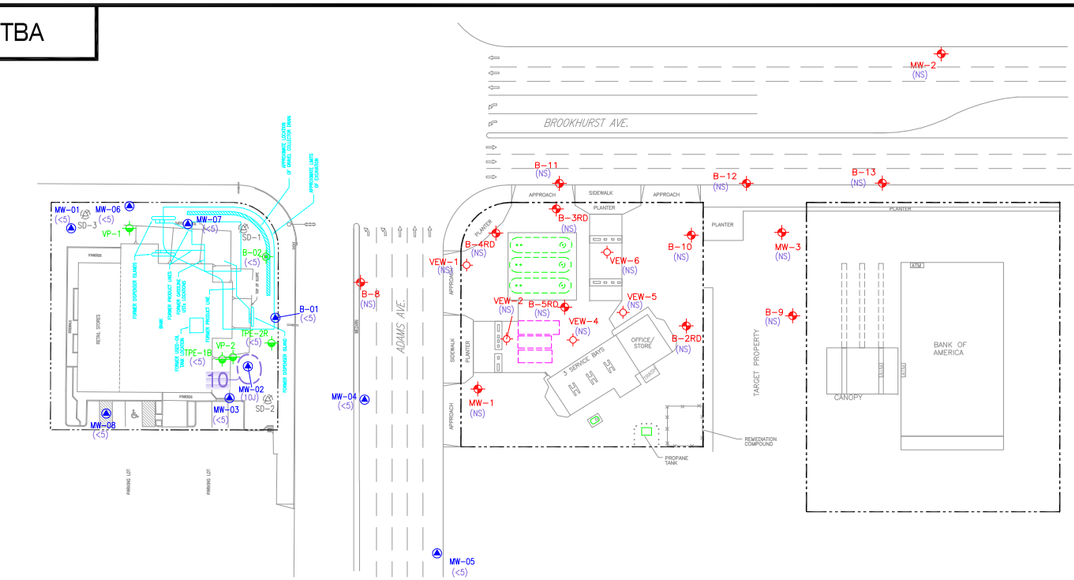
BENZENE



MTBE



TBA



EXPLANATION

SURVEYED LOCATION OF:

- GROUNDWATER MONITORING WELL (CHEVRON)
- 16-INCH-DIAMETER RECOVERY WELL
- VAPOR EXTRACTION/VAPOR PROBE WELL
- GROUNDWATER MONITORING WELL (SHELL)
- VAPOR EXTRACTION WELL (SHELL)

APROXIMATE LOCATION OF:

- ABANDONED GROUNDWATER MONITORING WELL

ISOCONCENTRATION CONTOUR LINES in ug/L FOR: QUERIED WHERE LOCATION IS CONJECTURAL

- TPHg
- BENZENE
- TBA

NS NOT SAMPLED

NOTES:

1. "J" DENOTES VALUE BETWEEN METHOD DETECTION LIMIT AND DETECTION LIMIT FOR REPORTING.
2. ALL UNITS IN MICROGRAMS PER LITER (ug/L).
3. ALL CONTOUR LINES ARE AN INTERPRETATION BASED ON THE RESULTS OF WATER SAMPLES COLLECTED FOR THIS QUARTER.
4. CONTOURS ARE BASED ON CHEVRON SITE DATA ONLY.

REFERENCE:

BASE MAP SURVEYED BY CALVADA SURVEYING INC.: AUGUST 29, 2001

N

APPROXIMATE
Scale 0 50 100 feet

Chevron Environmental Management Company
FORMER CHEVRON SERVICE STATION NO. 9-8721
9971 ADAMS AVENUE
HUNTINGTON BEACH, CALIFORNIA

DISSOLVED HYDROCARBON CONCENTRATION MAP
FOR GROUNDWATER SAMPLES
DECEMBER 10, 2012

drawn HDS	checked	approved	PLATE NO.
date 12/12	date	date	4
job no. 26012B048A-GWRU-777		file no. Q8721-CHEM124	

SAIC

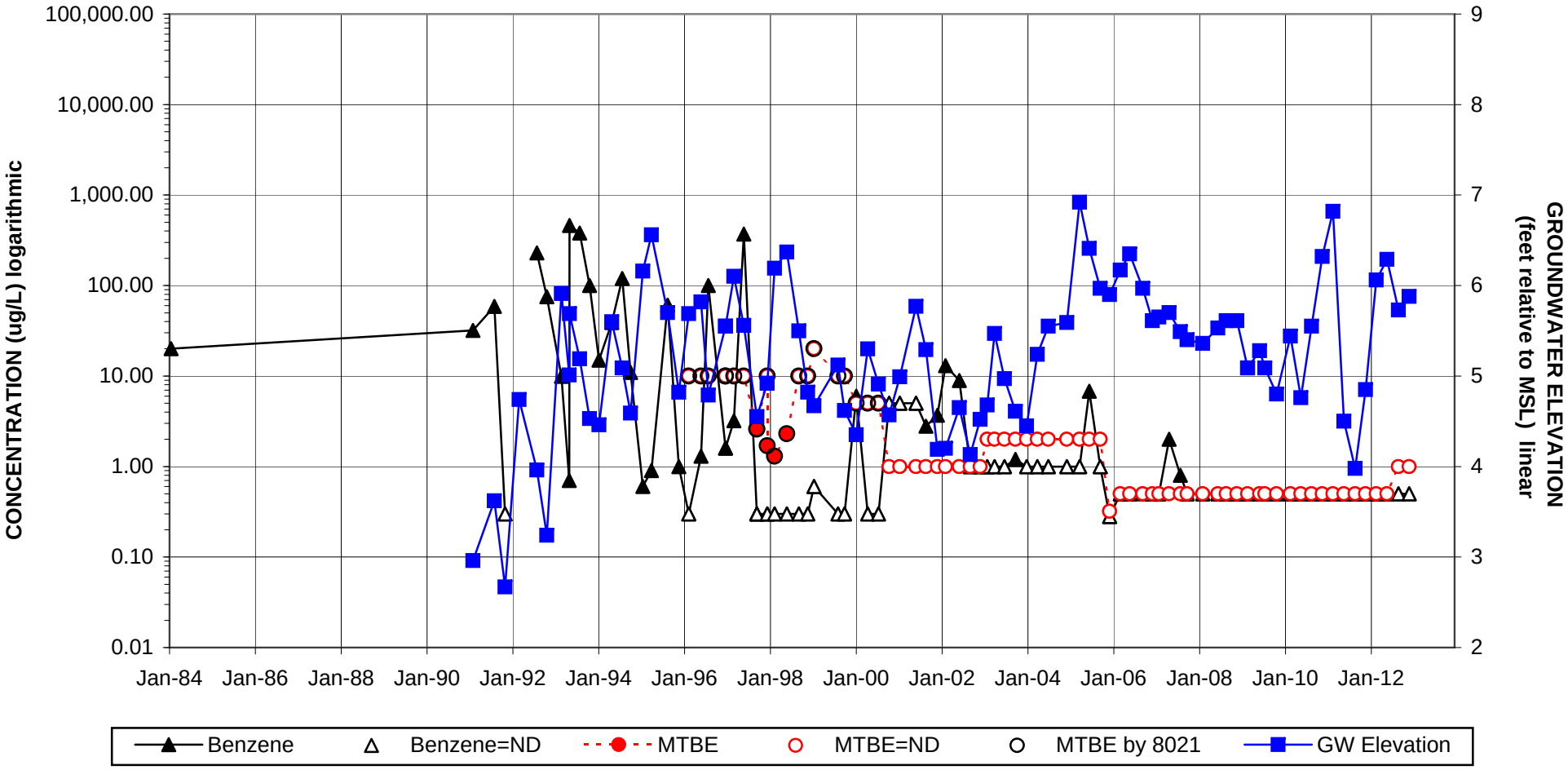
FILE: X:\Drafting\9-8721\2012 QTRLY\Q8721-CHEM124.dwg [Layout1]

ATTACHMENT 5

HYDROGRAPHS

Chevron Environmental Management Company
Former Chevron Service Station No. 9-8721
9971 Adams Avenue, Huntington Beach, California
Well B-01

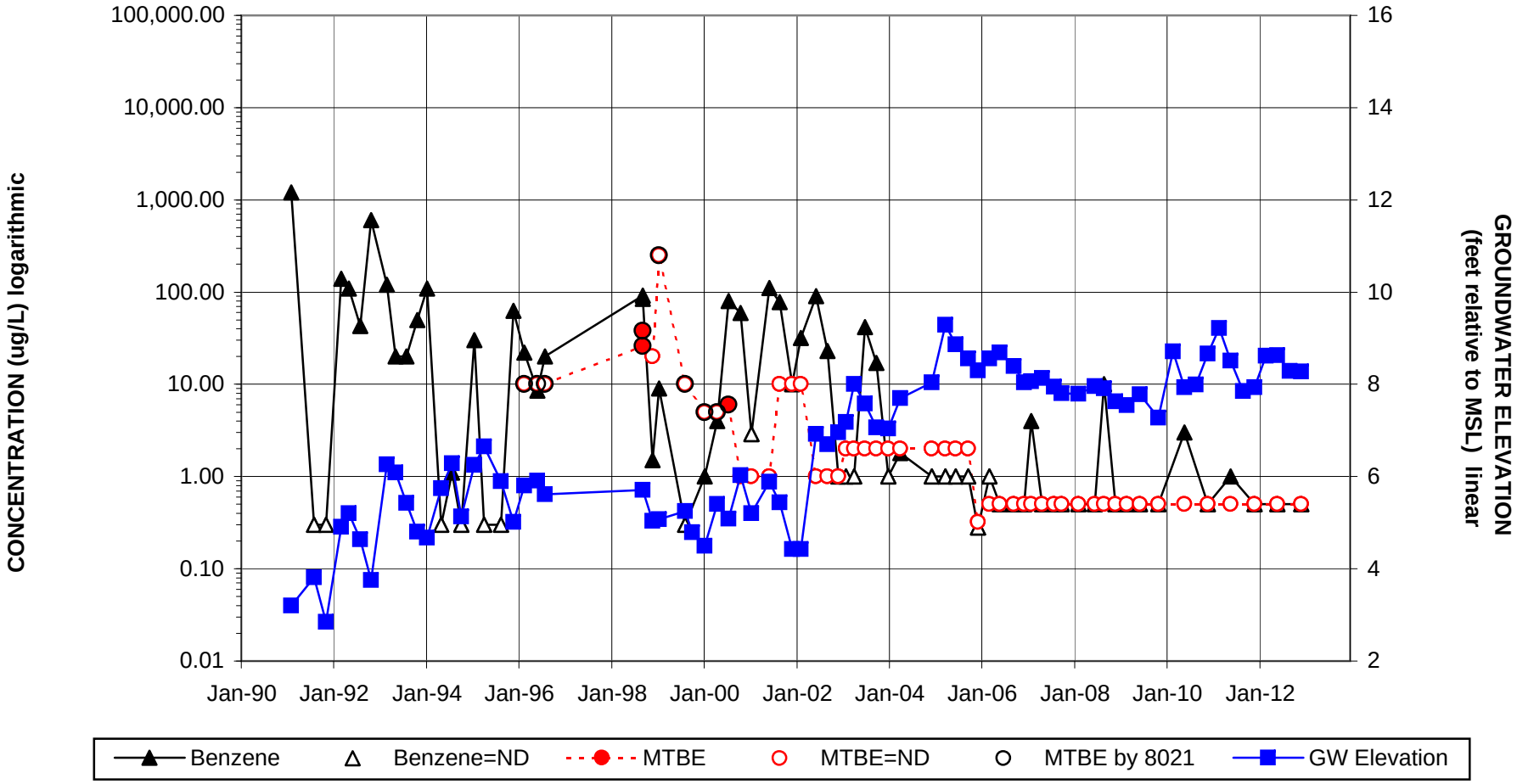
BENZENE AND MTBE CONCENTRATIONS AND GROUNDWATER ELEVATION VS. TIME



Groundwater elevation data plotted using survey data from April 27, 2002.

Chevron Environmental Management Company
Former Chevron Service Station No. 9-8721
9971 Adams Avenue, Huntington Beach, California
Well B-02

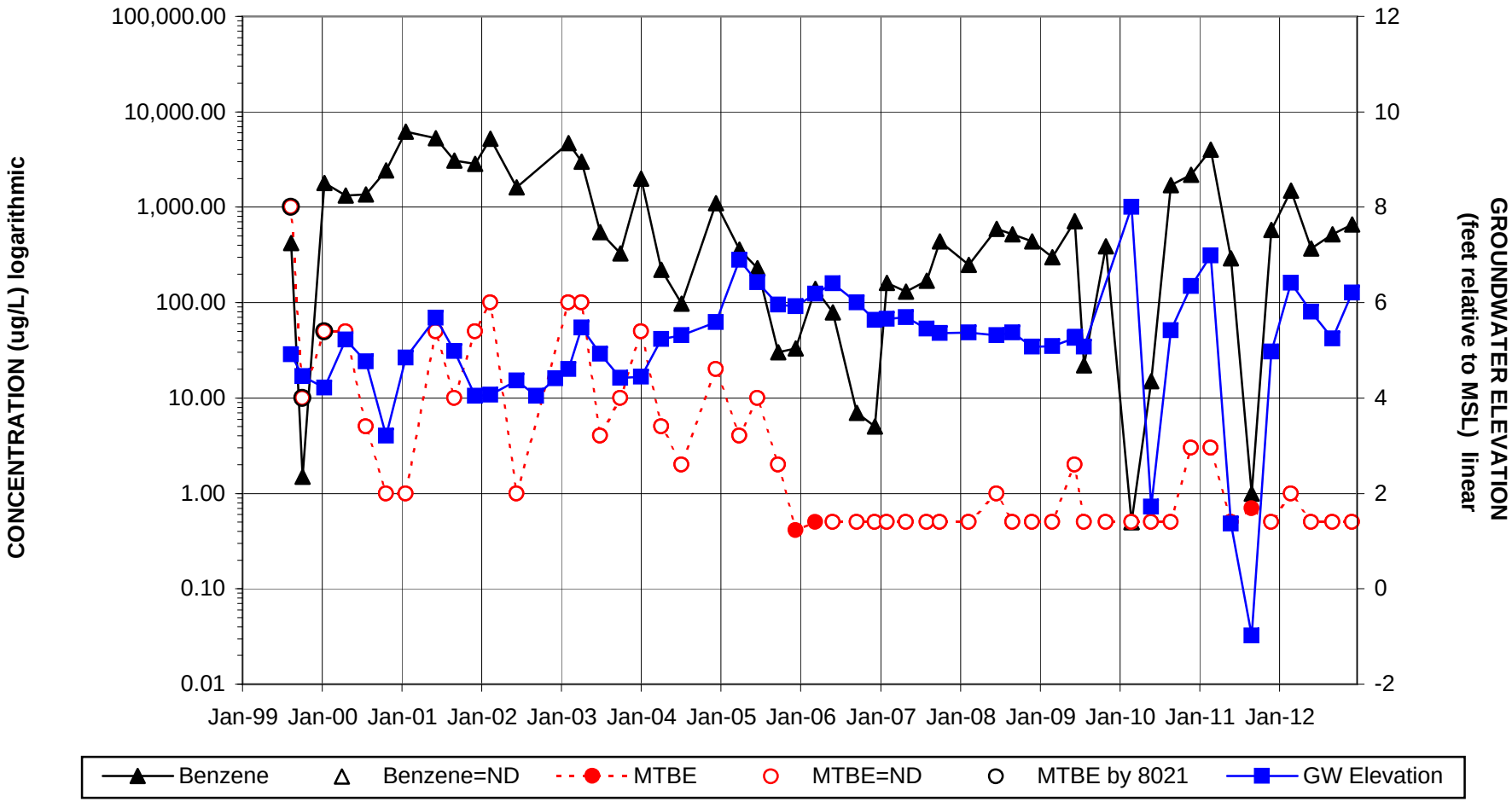
BENZENE AND MTBE CONCENTRATIONS AND GROUNDWATER ELEVATION VS. TIME



Groundwater elevation data plotted using survey data from April 27, 2002.

Chevron Environmental Management Company
Former Chevron Service Station No. 9-8721
9971 Adams Avenue, Huntington Beach, California
Well MW-02

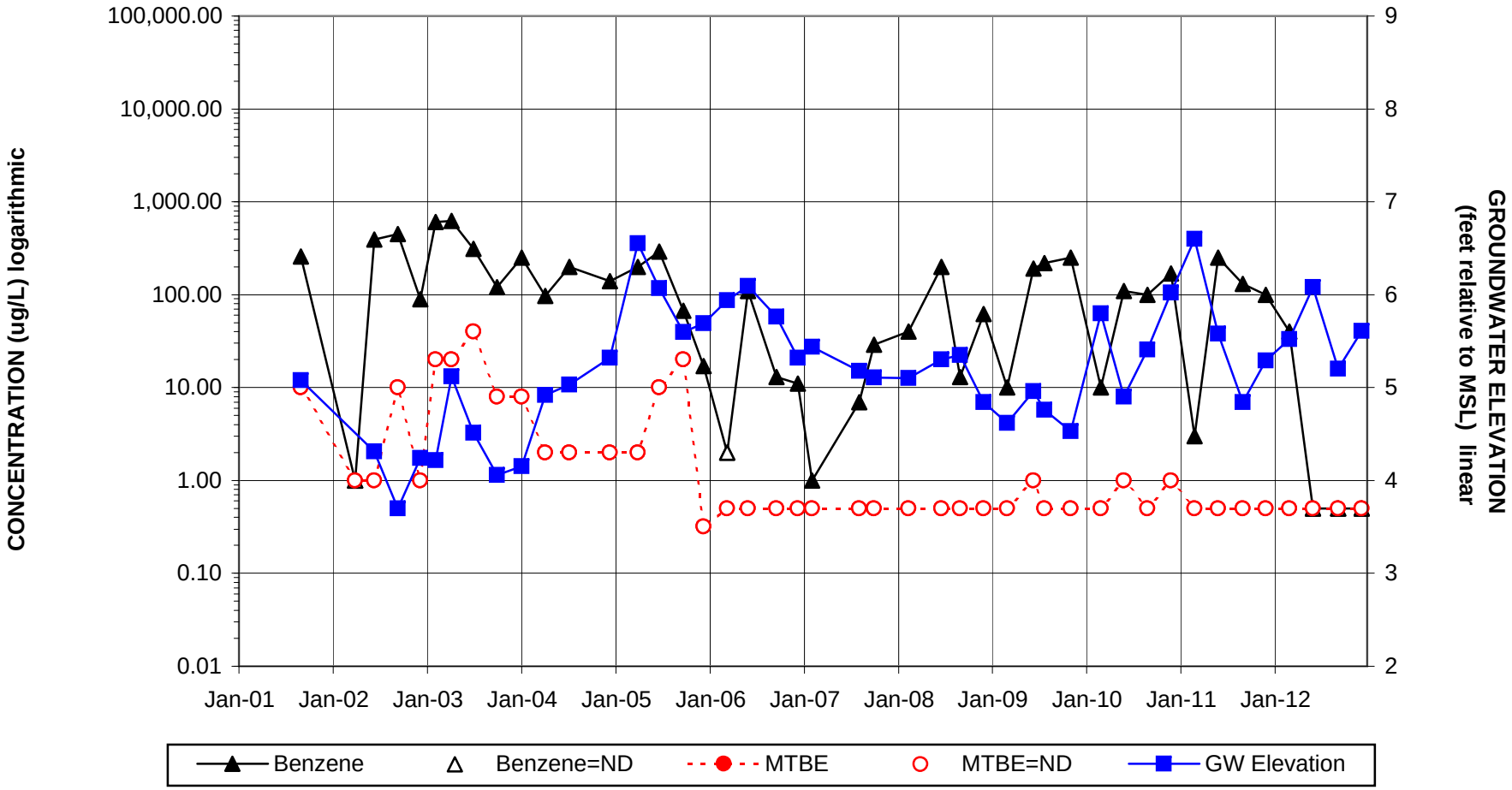
BENZENE AND MTBE CONCENTRATIONS AND GROUNDWATER ELEVATION VS. TIME



Groundwater elevation data plotted using survey data from April 27, 2002.

Chevron Environmental Management Company
Former Chevron Service Station No. 9-8721
9971 Adams Avenue, Huntington Beach, California
Well MW-04

BENZENE AND MTBE CONCENTRATIONS AND GROUNDWATER ELEVATION VS. TIME

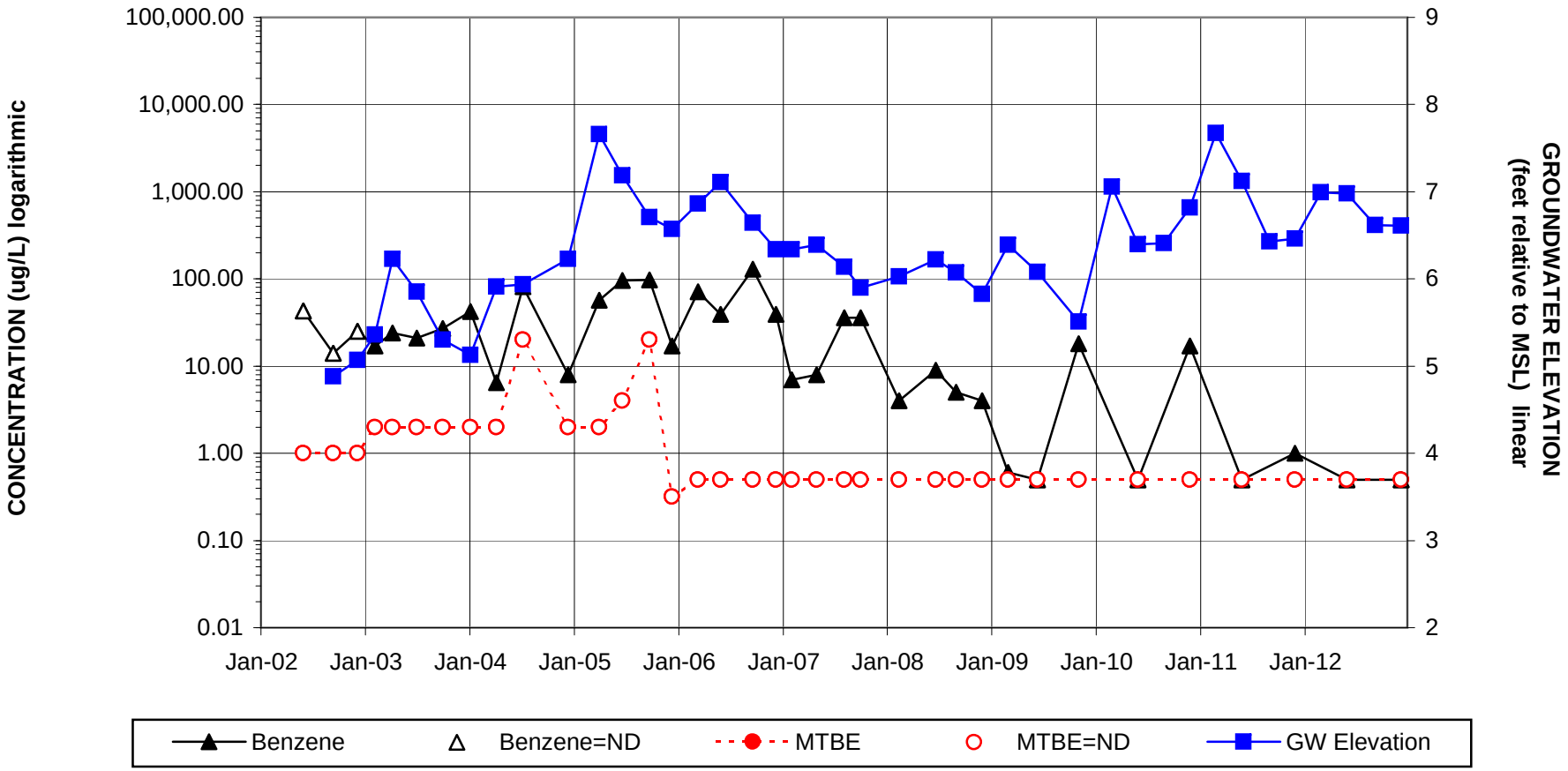


Groundwater elevation data plotted using survey data from April 27, 2002.

SAIC®

Chevron Environmental Management Company
Former Chevron Service Station No. 9-8721
9971 Adams Avenue, Huntington Beach, California
Well MW-06

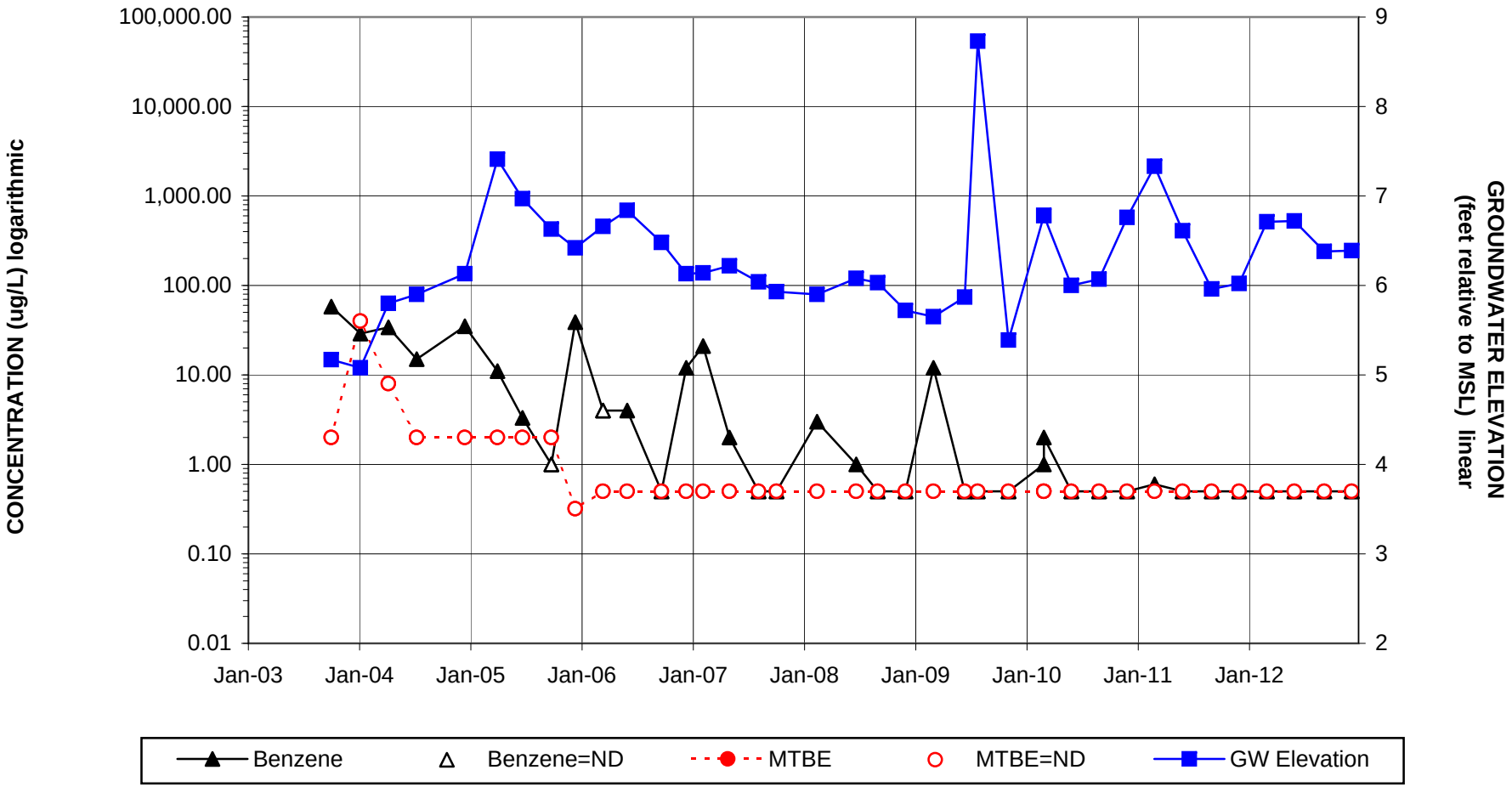
BENZENE AND MTBE CONCENTRATIONS AND GROUNDWATER ELEVATION VS. TIME



Groundwater elevation data plotted using survey data from April 27, 2002.

Chevron Environmental Management Company
Former Chevron Service Station No. 9-8721
9971 Adams Avenue, Huntington Beach, California
Well MW-07

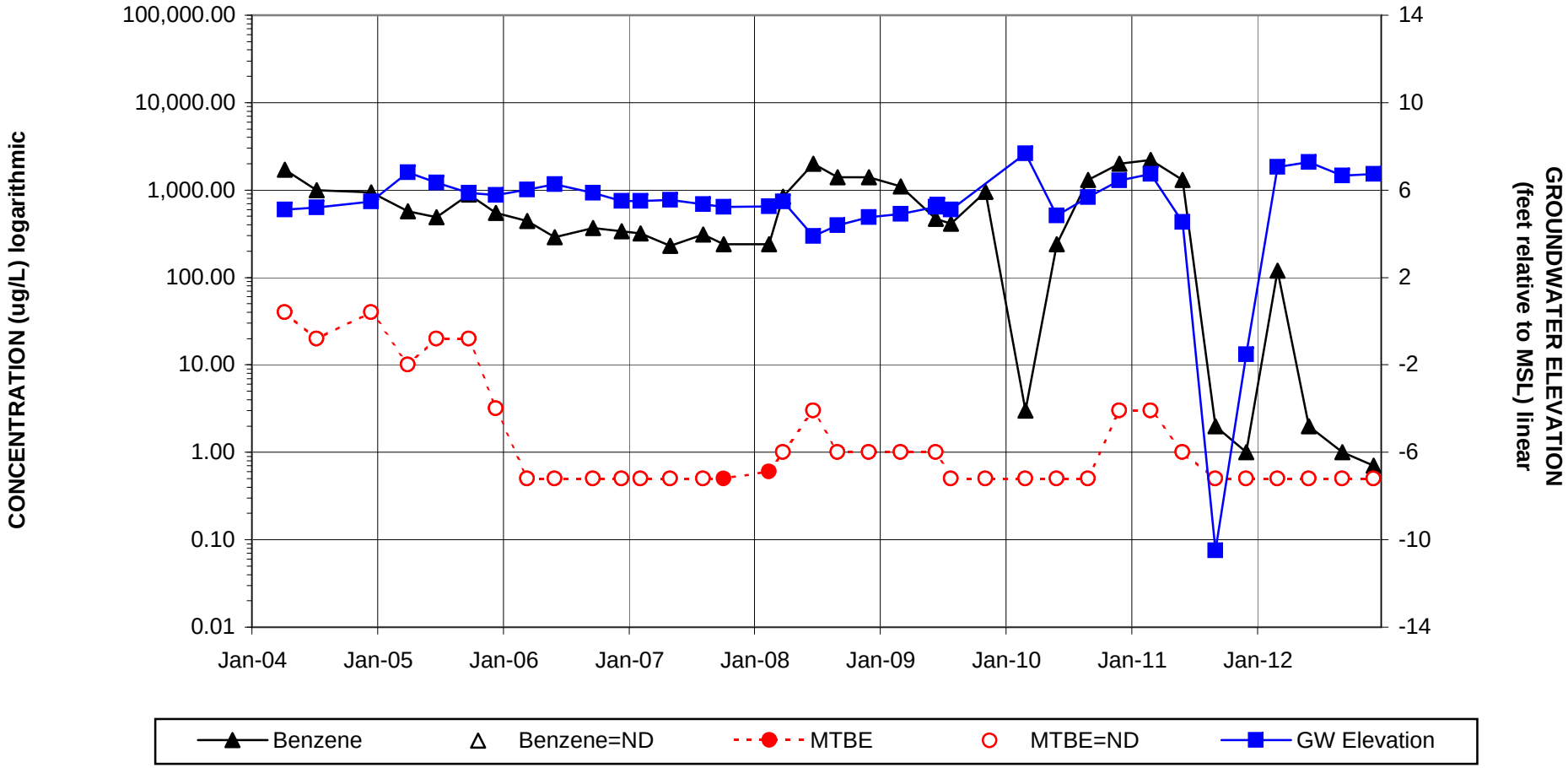
BENZENE AND MTBE CONCENTRATIONS AND GROUNDWATER ELEVATION VS. TIME



Groundwater elevation data plotted using survey data from April 27, 2002.

Chevron Environmental Management Company
Former Chevron Service Station No. 9-8721
9971 Adams Avenue, Huntington Beach, California
Well TPE-1, TPE-1R, TPE-1B

BENZENE AND MTBE CONCENTRATIONS VS. TIME

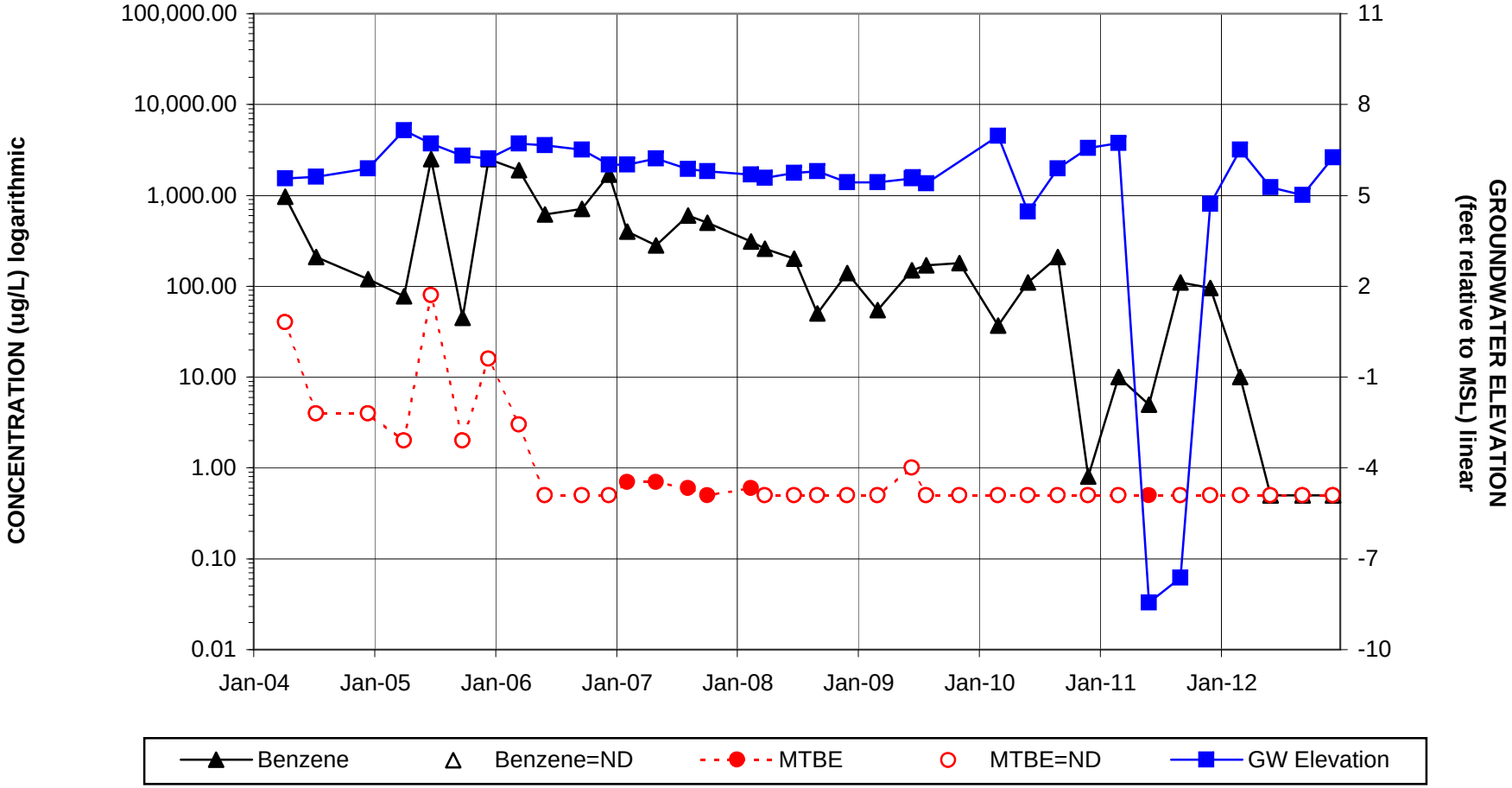


Groundwater elevation data plotted using survey data from March, 2008.

SAIC®

Chevron Environmental Management Company
Former Chevron Service Station No. 9-8721
9971 Adams Avenue, Huntington Beach, California
Well TPE-2 and TPE-2R

BENZENE AND MTBE CONCENTRATIONS VS. TIME



Groundwater elevation data plotted using survey data from March, 2008.

SAIC®

ATTACHMENT 6

GROUNDWATER SAMPLING PROCEDURES AND FIELD SHEETS

WAYNE PERRY, INC.

Environmental Remediation, Construction and Consulting

TRANSMITTAL FORM

TO:	Chevron Environmental Management Company 145 S. State College Boulevard Brea, California 92821 Attention: Mr. Daryl Pessler
FROM:	Shannon Jewell OFFICE (714) 826-0352 FAX (714)523-7541
DATE:	December 12, 2012

COMMENTS:

Quarterly Groundwater Monitoring Field Documentation for Chevron station at Adams & Brookhurst in Huntington Beach
Coordinated sampling event was scheduled with Shell's consultant.

CONTENTS:

Fourth Quarter Groundwater Monitoring gauging/field sheets and chain of custody for Chevron Station 9-8721

CC Steve Targanyan – SAIC
Marissa Cozette– SAIC
Amy Mora – SAIC

8281 Commonwealth Ave. Buena Park,California 90621 Phone (714) 826-0352 (800) 883-0352 Fax (714) 523-7880

WAYNE PERRY, INC.
Environmental Remediation, Construction and Consulting

December 12, 2012

Chevron Environmental Management Company
145 S. State College Boulevard
Brea, California 92821
Attention: Mr. Daryl Pessler

Subject: Groundwater Monitoring Fourth Quarter 2012
Chevron Environmental Management Company Station 9-8721
9971 Adams Avenue and Brookhurst Street
Huntington Beach, California
WPI Project Number 12018

Dear Mr. Pessler:

Enclosed is a summary of groundwater monitoring activities performed by Wayne Perry, Inc. at the Chevron Environmental Management Company Station 9-8721, located at 9971 Adams Avenue in the city of Huntington Beach. The contents of this field documentation packet include the following:

Groundwater Sampling Procedures and Field Sheets
Chain of Custody Form

Please contact Mr. Mario Milanes of Wayne Perry, Inc. at (714) 826-0352 for questions regarding the sampling activities and procedures provided herein.

Sincerely,

Michael Wielenga
California Professional Geologist 7900

8281 Commonwealth Ave. Buena Park,California 90621 Phone (714) 826-0352 (800) 883-0352 Fax (714) 523-7880

ATTACHMENTS

Groundwater Sampling Procedures and Field Sheets
Chain of Custody Form

GROUNDWATER SAMPLING PROCEDURES

Before purging, each well was measured for depth of well, depth to water, and phase-separated hydrocarbon thickness. Groundwater depths were measured using an electronic water/hydrocarbon interface probe calibrated to one hundredth of a foot. All re-usable sampling equipment, including bailers and gauging tapes, was washed in non-phosphate soap and double-rinsed in distilled water before sampling and between wells to reduce the possibility of cross-contamination.

Each groundwater sample was field tested for temperature, conductivity, pH, and turbidity.

Water samples were obtained using a new disposable bailer equipped with a bottom-emptying device and placed in laboratory supplied 40 ml VOA vials with acid preservative. Samples were sealed, labeled, and placed on ice to reduce the potential for volatilization. In addition to samples from the wells, a trip blank was prepared to verify the integrity of the sampling and laboratory procedures.

Water samples were transported to Lancaster Laboratories following chain-of-custody procedures. Groundwater samples were tested for total purgeable petroleum hydrocarbons as gasoline, full scan volatile organic compounds including oxygenates using EPA Test Method 8260B.

WAYNE PERRY, INC.
WELL GAUGING FORM

Date: 12/10/12

Job Number: 12.018

Station No.: 9-8721

Location: 9971 Adams Ave - Huntington Beach

Page 1 of 1

Client Name: Chevron -EMC

Gauged by: Tony G. Abdelah M.

Well ID	Well Diam.	Gauging Order	Depth to Product	Depth To Water	Depth to Water (Check)	Depth to Well Bottom	Depth to Well Bottom (check)	Product Thickness	Length of Water Column	Well Screws		Outside Seal		Well box		Inside Seal		Well Cap			Top of casing		Comment
										Good	Needed	Good	Repair	Good	Repair	Good	Needed	Slip	Threaded	Locking	Good	Repair	
B-01	4"	6	/	5.89	5.89	19.83	19.83	/	13.94	X		X		X		X				X	X		
B-02	2"	5	/	6.88	6.88	14.02	14.02	/	7.14	X		X		X		X		X			X		
MW-01	4"	2	/	7.53	7.53	30.49	30.49	/	22.96	X		X		X		X				X	X		
MW-02	4"	8	/	5.96	5.96	17.35	17.35	/	11.39	X		X		X		X					X		Pump well
MW-03	4"	10	/	8.37	8.37	18.86	18.86	/	10.49	X		X		X		X				X	X		
MW-04	2"	12	/	6.91	6.91	20.29	20.29	/	13.38	X		X		X		X				X	X		
MW-05	2"	11	/	8.32	8.32	19.28	19.28	/	10.96	X		X		X		X				X	X		
MW-06	4"	3	/	6.61	6.61	19.52	19.52	/	12.91	X		X		X		X				X	X		
MW-07	4"	4	/	7.39	7.39	19.90	19.90	/	12.51	X		X		X		X				X	X		
MW-08	4"	1	/	7.90	7.90	24.76	24.76	/	16.86	X		X		X		X			X	X			
TPE-1R	6"	9	/	8.54	8.54	32.26	32.26	/	23.72	X		X		X		X					X		Pump well
TPE-2R	4"	7	/	5.61	5.61	27.96	27.96	/	22.35	X		X		X		X					X		Pump well

WAYNE PERRY, INC.
WELL PURGING, SAMPLING AND INSPECTION FORM

Job Number: '12.018

Station No. 9-8721 **Location** 9971 Adams Ave., Huntington Beach

Client Name: Chevron Environmental Mgmt Co. **Sampled By:** Jay G. / Bill M.

Well ID: MW-08 **Well Diameter:** 4" **Depth-to Water:** 7.90

Gauging Date: 12/10/12 **Purging Method:** NPS **Depth-to-Bottom:** 24.76

Purging Date: **Sampling Method:** disp. Bailer **Water Column (ft):** 16.86

Sampling Date: 12/10/12 **Water Meter / Interface Probe** Solinst

WELL PURGING:

Calculate volume of water to purge:

_____ gals x _____ = _____ gals

(1 casing volume) (no. of volumes to purge) (total volume to purge)

Multipliers for converting length of water column (feet) to gallons:

Well Diameter	Multiplier	Well Diameter	Multiplier	Well Diameter	Multiplier
1 inch	0.04	3 inch	0.37	6 inch	1.47
2 inch	0.16	4 inch	0.65		
1.5 inch	0.09			other radius (squared) x 0.163	

Purge Start Time: **Water Qual. Instrument Used:** OAKTON SN M3669 / Turb. 386552

	1	2	3	NPS	COMMENTS
TIME				08:37	clear water
Depth to water				7.90	
TEMP (°C)				20.9	
pH				6.78	
CONDUCTIVITY				689	
TURBIDITY				5.76	
Dissolved Oxygen					
Oxy.Reduct. Potent.					
GALS. REMOVED				0	Total Gallons Purged 0

DO Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

REDOX Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

Did Well Dewater? NO Water Storage/Disposal Method 0 No. of Drums Used 0

WELL SAMPLING:

Sampling Time 08:35 Recharge Level 7.90

Laboratory: ***Lancaster Labs***

Analyses Requested: TPH-G / (Fuelchem) BTEX_____ MTBE_____ Oxygenates / (8260B) Other_____

Trip Blank ID QA 08:30 Duplicate ID_____ Equipment Blank ID_____

WELL INSPECTION:

Well Cap Secured yes Well Cap Locked yes Traffic Cover Secured yes

Well Box Cleaned and Free of Water yes

Repair/Replacement Performed 0

Repair/Replacement Needed 0

WAYNE PERRY, INC.
WELL PURGING, SAMPLING AND INSPECTION FORM

Job Number: '12.018

Station No. 9-8721 **Location** 9971 Adams Ave., Huntington Beach Page 2 of 12

Client Name: Chevron Environmental Mgmt Co. Sampled By: Jorge G / Baldo M.

Well ID: MW-01 **Well Diameter:** 4" **Depth-to Water:** 7.53

Gauging Date: 12/10/12 **Purging Method:** NPS **Depth-to-Bottom:** 30.49

Purging Date: **Sampling Method:** disp. Bailer **Water Column (ft):** 22.96

Sampling Date: 12/10/12 **Water Meter / Interface Probe** Solinst

WELL PURGING:

Calculate volume of water to purge:

_____ gals x _____ = _____ gals

(1 casing volume) (no. of volumes to purge) (total volume to purge)

Multipliers for converting length of water column (feet) to gallons:

Well Diameter	Multiplier	Well Diameter	Multiplier	Well Diameter	Multiplier
1 inch	0.04	3 inch	0.37	6 inch	1.47
2 inch	0.16	4 inch	0.65		
1.5 inch	0.09			other radius (squared) x 0.163	

Purge Start Time: **Water Qual. Instrument Used:** OAKTON SN 143669 / Turb. 386552

	1	2	3	NPS	COMMENTS
TIME				08:50	clear water
Depth to water				7.53	
TEMP (°C)				21.6	
pH				6.36	
CONDUCTIVITY				550	
TURBIDITY				4.86	
Dissolved Oxygen					
Oxy.Reduct. Potent.					
GALS. REMOVED				0	Total Gallons Purged 0

DO Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

REDOX Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

Did Well Dewater? NO Water Storage/Disposal Method 0 No. of Drums Used 0

WELL SAMPLING:

Sampling Time 08:48 Recharge Level 7.53

Laboratory: ***Lancaster Labs***

Analyses Requested: TPH-G / Full scan BTEX_____ MTBE_____ Oxygenates / 8260B Other_____

Trip Blank ID_____ Duplicate ID_____ Equipment Blank ID_____

WELL INSPECTION:

Well Cap Secured yes Well Cap Locked yes Traffic Cover Secured yes

Well Box Cleaned and Free of Water yes

Repair/Replacement Performed 0

Repair/Replacement Needed 0

WellPurgeandSample. Adams & Brookhurst.xls
revised 08/23/06

WAYNE PERRY, INC.
WELL PURGING, SAMPLING AND INSPECTION FORM

Job Number: '12.018

Station No. 9-8721 **Location** 9971 Adams Ave., Huntington Beach Page 3 of 12

Client Name: Chevron Environmental Mgmt Co. Sampled By: Jorge G. / Baldo M.

Well ID: MW-06 **Well Diameter:** 4" **Depth-to Water:** 6.61

Gauging Date: 12/10/12 **Purging Method:** NPS **Depth-to-Bottom:** 19.52

Purging Date: **Sampling Method:** disp. Bailer **Water Column (ft):** 12.91

Sampling Date: 12/10/12 **Water Meter / Interface Probe** Solinst

WELL PURGING:

Calculate volume of water to purge:

_____ gals x _____ = _____ gals

(1 casing volume) (no. of volumes to purge) (total volume to purge)

Multipliers for converting length of water column (feet) to gallons:

Well Diameter	Multiplier	Well Diameter	Multiplier	Well Diameter	Multiplier
1 inch	0.04	3 inch	0.37	6 inch	1.47
2 inch	0.16	4 inch	0.65		
1.5 inch	0.09			other radius (squared) x 0.163	

Purge Start Time: **Water Qual. Instrument Used:** OAKTON SN#143669 / Turb 386552

	1	2	3	NPS	COMMENTS
TIME				09:02	clear water
Depth to water				6.61	
TEMP (°C)				21.2	
pH				6.36	
CONDUCTIVITY				5.48	
TURBIDITY				4.59	
Dissolved Oxygen					
Oxy.Reduct. Potent.					
GALS. REMOVED				0	Total Gallons Purged 0

DO Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

REDOX Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

Did Well Dewater? NO Water Storage/Disposal Method 0 No. of Drums Used 0

WELL SAMPLING:

Sampling Time 09:00 Recharge Level 6.61

Laboratory: ***Lancaster Labs***

Analyses Requested: TPH-G / Gellsam BTEX_____ MTBE_____ Oxygenates / 8260B Other_____

Trip Blank ID_____ Duplicate ID_____ Equipment Blank ID_____

WELL INSPECTION:

Well Cap Secured yes Well Cap Locked yes Traffic Cover Secured yes

Well Box Cleaned and Free of Water yes

Repair/Replacement Performed 0

Repair/Replacement Needed 0

WAYNE PERRY, INC.
WELL PURGING, SAMPLING AND INSPECTION FORM

Job Number: '12.018

Station No. 9-8721 **Location** 9971 Adams Ave., Huntington Beach Page 4 of 12

Client Name: Chevron Environmental Mgmt Co. Sampled By: Jorge G / Baldo M

Well ID: MW-07 **Well Diameter:** 4" **Depth-to Water:** 7.39

Gauging Date: 12/10/12 **Purging Method:** NPS **Depth-to-Bottom:** 19.90

Purging Date: **Sampling Method:** disp. Bailer **Water Column (ft):** 12.51

Sampling Date: 12/10/12 **Water Meter / Interface Probe** Solinst

WELL PURGING:

Calculate volume of water to purge:

_____ gals x _____ = _____ gals

(1 casing volume) (no. of volumes to purge) (total volume to purge)

Multipliers for converting length of water column (feet) to gallons:

Well Diameter	Multiplier	Well Diameter	Multiplier	Well Diameter	Multiplier
1 inch	0.04	3 inch	0.37	6 inch	1.47
2 inch	0.16	4 inch	0.65		
1.5 inch	0.09			other radius (squared) x 0.163	

Purge Start Time: **Water Qual. Instrument Used:** OAKTON S#143669

	1	2	3	NPS	COMMENTS
TIME				09:13	clear water
Depth to water				7.39	
TEMP (°C)				21.0	
pH				6.41	
CONDUCTIVITY				457	
TURBIDITY				5.48	
Dissolved Oxygen					
Oxy.Reduct. Potent.					
GALS. REMOVED				0	Total Gallons Purged 0

DO Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

REDOX Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

Did Well Dewater? NO Water Storage/Disposal Method 0 No. of Drums Used 0

WELL SAMPLING:

Sampling Time 09:11 Recharge Level 7.39

Laboratory: ***Lancaster Labs***

Analyses Requested: TPH-G / Fuel Scan BTEX_____ MTBE_____ Oxygenates / 8260B Other_____

Trip Blank ID_____ Duplicate ID_____ Equipment Blank ID_____

WELL INSPECTION:

Well Cap Secured yes Well Cap Locked yes Traffic Cover Secured yes

Well Box Cleaned and Free of Water yes

Repair/Replacement Performed 0

Repair/Replacement Needed 0

WAYNE PERRY, INC.
WELL PURGING, SAMPLING AND INSPECTION FORM

Job Number: '12.018

Station No. 9-8721 **Location** 9971 Adams Ave., Huntington Beach

Client Name: Chevron Environmental Mgmt Co. Sampled By: Jorge Baldo m

Well ID: B-02 **Well Diameter:** 12" **Depth-to Water:** 6.88

Gauging Date: 12/10/12 **Purging Method:** NPS **Depth-to-Bottom:** 14.02

Purging Date: _____ **Sampling Method:** disp. Bailer **Water Column (ft):** 7.14

Sampling Date: 12/10/12 **Water Meter / Interface Probe** Solinst

WELL PURGING:

Calculate volume of water to purge:

_____ gals x _____ = _____ gals

(1 casing volume) (no. of volumes to purge) (total volume to purge)

Multipliers for converting length of water column (feet) to gallons:

Well Diameter	Multiplier	Well Diameter	Multiplier	Well Diameter	Multiplier
1 inch	0.04	3 inch	0.37	6 inch	1.47
2 inch	0.16	4 inch	0.65		
1.5 inch	0.09			other radius (squared) x 0.163	

Purge Start Time: ____ **Water Qual. Instrument Used:** OAKTON SN143669 / Turb. 386552

	1	2	3	NPS	COMMENTS
TIME				09:23	clear water
Depth to water				6.88	
TEMP (°C)				21.2	
pH				6.78	
CONDUCTIVITY				530	
TURBIDITY				17.8	
Dissolved Oxygen					
Oxy.Reduct. Potent.					
GALS. REMOVED				0	Total Gallons Purged 0

DO Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

REDOX Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

Did Well Dewater? no Water Storage/Disposal Method 0 No. of Drums Used 0

WELL SAMPLING:

Sampling Time 09:21 Recharge Level 6.88

Laboratory: ***Lancaster Labs*** Fulscan

Analyses Requested: TPH-G ✓ BTEX____ MTBE____ Oxygenates ✓ 8260B Other_____

Trip Blank ID_____ Duplicate ID_____ Equipment Blank ID_____

WELL INSPECTION:

Well Cap Secured yes Well Cap Locked yes Traffic Cover Secured yes

Well Box Cleaned and Free of Water yes

Repair/Replacement Performed 0

Repair/Replacement Needed 0

WAYNE PERRY, INC.
WELL PURGING, SAMPLING AND INSPECTION FORM

Job Number: '12.018

Station No. 9-8721 **Location** 9971 Adams Ave., Huntington Beach Page 6 of 12

Client Name: Chevron Environmental Mgmt Co. Sampled By: Jung G. / Baldo M.

Well ID: B-01 **Well Diameter:** 4" **Depth-to Water:** 5.89

Gauging Date: 12/10/12 **Purging Method:** NPS **Depth-to-Bottom:** 19.83

Purging Date: **Sampling Method:** disp. Bailer **Water Column (ft):** 13.94

Sampling Date: 12/10/12 **Water Meter / Interface Probe** Solinst

WELL PURGING:

Calculate volume of water to purge:

_____ gals x _____ = _____ gals

(1 casing volume) (no. of volumes to purge) (total volume to purge)

Multipliers for converting length of water column (feet) to gallons:

Well Diameter	Multiplier	Well Diameter	Multiplier	Well Diameter	Multiplier
1 inch	0.04	3 inch	0.37	6 inch	1.47
2 inch	0.16	4 inch	0.65		
1.5 inch	0.09			other radius (squared) x 0.163	

Purge Start Time: **Water Qual. Instrument Used:** OAKTON S#143669 / Turb. 386552

	1	2	3	NPS	COMMENTS
TIME				09:32	Clear Water
Depth to water				5.89	
TEMP (°C)				22.0	
pH				6.72	
CONDUCTIVITY				594	
TURBIDITY				5.65	
Dissolved Oxygen					
Oxy.Reduct. Potent.					
GALS. REMOVED				0	Total Gallons Purged 0

DO Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

REDOX Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

Did Well Dewater? NO Water Storage/Disposal Method 0 No. of Drums Used 0

WELL SAMPLING:

Sampling Time 09:30 Recharge Level 5.89

Laboratory: ***Lancaster Labs***

Analyses Requested: TPH-G / Fuelsum BTEX____ MTBE____ Oxygenates / 8260B Other_____

Trip Blank ID_____ Duplicate ID_____ Equipment Blank ID_____

WELL INSPECTION:

Well Cap Secured yes Well Cap Locked yes Traffic Cover Secured yes

Well Box Cleaned and Free of Water yes

Repair/Replacement Performed 0

Repair/Replacement Needed 0

WAYNE PERRY, INC.
WELL PURGING, SAMPLING AND INSPECTION FORM

Job Number: '12.018

Station No. 9-8721 **Location** 9971 Adams Ave., Huntington Beach **Page** 7 **of** 12

Client Name: Chevron Environmental Mgmt Co. **Sampled By:** Joseph C. / Baldo M

Well ID: TPE-2R **Well Diameter:** 4" **Depth-to Water:** 5.61

Gauging Date: 12/10/12 **Purging Method:** NPS **Depth-to-Bottom:** 27.96

Purging Date: **Sampling Method:** disp. Bailer **Water Column (ft):** 22.35

Sampling Date: 12/10/12 **Water Meter / Interface Probe** Solinst

WELL PURGING:

Calculate volume of water to purge:

_____ gals x _____ = _____ gals

(1 casing volume) (no. of volumes to purge) (total volume to purge)

Multipliers for converting length of water column (feet) to gallons:

Well Diameter	Multiplier	Well Diameter	Multiplier	Well Diameter	Multiplier
1 inch	0.04	3 inch	0.37	6 inch	1.47
2 inch	0.16	4 inch	0.65		
1.5 inch	0.09			other radius (squared) x 0.163	

Purge Start Time: **Water Qual. Instrument Used:** OAKTON S#143669 / Turb 38 8552

	1	2	3	NPS	COMMENTS
TIME				09:45	Grey Water
Depth to water				5.61	
TEMP (°C)				22.9	
pH				6.92	
CONDUCTIVITY				506	
TURBIDITY				45.8	
Dissolved Oxygen					
Oxy.Reduct. Potent.					
GALS. REMOVED				0	Total Gallons Purged 0

DO Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

REDOX Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

Did Well Dewater? NO Water Storage/Disposal Method 0 No. of Drums Used 0

WELL SAMPLING:

Sampling Time 09:43 Recharge Level 5.61

Laboratory: ***Lancaster Labs*** / Carlsbad

Analyses Requested: TPH-G / BTEX____ MTBE____ Oxygenates / 8260B Other_____

Trip Blank ID_____ Duplicate ID_____ Equipment Blank ID_____

WELL INSPECTION:

Well Cap Secured yes Well Cap Locked Pump well Traffic Cover Secured yes

Well Box Cleaned and Free of Water yes

Repair/Replacement Performed 0

Repair/Replacement Needed 0

WAYNE PERRY, INC.
WELL PURGING, SAMPLING AND INSPECTION FORM

Job Number: '12.018

Station No. 9-8721 **Location** 9971 Adams Ave., Huntington Beach Page 8 of 12

Client Name: Chevron Environmental Mgmt Co. Sampled By: Jorge G. / Baldo M.

Well ID: MW-02 **Well Diameter:** 4" **Depth-to Water:** 5.96

Gauging Date: 12/10/12 **Purging Method:** NPS **Depth-to-Bottom:** 17.35

Purging Date: **Sampling Method:** disp. Bailer **Water Column (ft):** 11.39

Sampling Date: 12/10/12 **Water Meter / Interface Probe** Solinst

WELL PURGING:

Calculate volume of water to purge:

_____ gals x _____ = _____ gals

(1 casing volume) (no. of volumes to purge) (total volume to purge)

Multipliers for converting length of water column (feet) to gallons:

Well Diameter	Multiplier	Well Diameter	Multiplier	Well Diameter	Multiplier
1 inch	0.04	3 inch	0.37	6 inch	1.47
2 inch	0.16	4 inch	0.65		
1.5 inch	0.09			other radius (squared) x 0.163	

Purge Start Time: **Water Qual. Instrument Used:** OAKTON SN#143669 / Turb. 386552

	1	2	3	NPS	COMMENTS
TIME				09:55	Dark Water
Depth to water				5.96	
TEMP (°C)				22.7	
pH				6.87	
CONDUCTIVITY				706	
TURBIDITY				18.9	
Dissolved Oxygen					
Oxy.Reduct. Potent.					
GALS. REMOVED				0	Total Gallons Purged 0

DO Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

REDOX Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

Did Well Dewater? No Water Storage/Disposal Method 0 No. of Drums Used 0

WELL SAMPLING:

Sampling Time 09:53 Recharge Level 5.96

Laboratory: ***Lancaster Labs***

Analyses Requested: TPH-G / BTEX____ MTBE____ Oxygenates / Other 8260B

Trip Blank ID_____ Duplicate ID_____ Equipment Blank ID_____

WELL INSPECTION:

Well Cap Secured yes Well Cap Locked Pump will Traffic Cover Secured yes

Well Box Cleaned and Free of Water yes

Repair/Replacement Performed 0

Repair/Replacement Needed 0

WAYNE PERRY, INC.
WELL PURGING, SAMPLING AND INSPECTION FORM

Job Number: '12.018

Station No. 9-8721 **Location** 9971 Adams Ave., Huntington Beach Page 9 of 12

Client Name: Chevron Environmental Mgmt Co. Sampled By: Jerry C. / Baldomero

Well ID: TPE-1B	**Well Diameter:** 6"	**Depth-to Water:** 8.54
Gauging Date: 12/10/12	**Purging Method:** NPS	**Depth-to-Bottom:** 32.26
Purging Date:	**Sampling Method:** disp Bailer	**Water Column (ft):** 23.72
Sampling Date: 12/10/12	**Water Meter / Interface Probe** Solinst	

WELL PURGING:

Calculate volume of water to purge:

_____ gals x _____ = _____ gals

(1 casing volume) (no. of volumes to purge) (total volume to purge)

Multipliers for converting length of water column (feet) to gallons:

Well Diameter	Multiplier	Well Diameter	Multiplier	Well Diameter	Multiplier
1 inch	0.04	3 inch	0.37	6 inch	1.47
2 inch	0.16	4 inch	0.65		
1.5 inch	0.09			other radius (squared) x 0.163	

Purge Start Time: ____ **Water Qual. Instrument Used:** OAKTON #143669 / Turb. 386552

	1	2	3	NPS	COMMENTS
TIME				10:07	Dark Water
Depth to water				8.54	
TEMP (°C)				22.7	
pH				6.89	
CONDUCTIVITY				522	
TURBIDITY				37.2	
Dissolved Oxygen					
Oxy.Reduct. Potent.					
GALS. REMOVED				0	**Total Gallons Purged** 0

DO Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

REDOX Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

Did Well Dewater? No Water Storage/Disposal Method 0 No. of Drums Used 0

WELL SAMPLING:

Sampling Time 10:05 Recharge Level 8.54

Laboratory: ***Lancaster Labs*** / Folsom

Analyses Requested: TPH-G / BTEX____ MTBE____ Oxygenates / 8260B Other_____

Trip Blank ID_____ Duplicate ID_____ Equipment Blank ID_____

WELL INSPECTION:

Well Cap Secured yes Well Cap Locked Pump well Traffic Cover Secured yes

Well Box Cleaned and Free of Water yes

Repair/Replacement Performed 0

Repair/Replacement Needed 0

WAYNE PERRY, INC.
WELL PURGING, SAMPLING AND INSPECTION FORM

Job Number: '12.018

Station No. 9-8721 **Location** 9971 Adams Ave., Huntington Beach

Client Name: Chevron Environmental Mgmt Co. Sampled By: Jaylor / Balado M

Well ID: MW-03 **Well Diameter:** 4" **Depth-to Water:** 8.37

Gauging Date: 12/10/12 **Purging Method:** NPS **Depth-to-Bottom:** 18.86

Purging Date: **Sampling Method:** disp. bailer **Water Column (ft):** 10.49

Sampling Date: 12/10/12 **Water Meter / Interface Probe** Solinst

WELL PURGING:

Calculate volume of water to purge:

_____ gals x _____ = _____ gals

(1 casing volume) (no. of volumes to purge) (total volume to purge)

Multipliers for converting length of water column (feet) to gallons:

Well Diameter	Multiplier	Well Diameter	Multiplier	Well Diameter	Multiplier
1 inch	0.04	3 inch	0.37	6 inch	1.47
2 inch	0.16	4 inch	0.65		
1.5 inch	0.09			other radius (squared) x 0.163	

Purge Start Time: **Water Qual. Instrument Used:** OAKTON 58143669 / Tarb 386552

	1	2	3	NPS	COMMENTS
TIME				10:16	Clear Water
Depth to water				8.37	
TEMP (°C)				23.6	
pH				6.68	
CONDUCTIVITY				688	
TURBIDITY				12.8	
Dissolved Oxygen					
Oxy.Reduct. Potent.					
GALS. REMOVED				0	Total Gallons Purged 0

DO Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

REDOX Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

Did Well Dewater? No Water Storage/Disposal Method 0 No. of Drums Used 0

WELL SAMPLING:

Sampling Time 10:14 Recharge Level 8.37

Laboratory: ***Lancaster Labs***

Analyses Requested: TPH-G / Fulsan BTEX_____ MTBE_____ Oxygenates / 8260B Other_____

Trip Blank ID_____ Duplicate ID_____ Equipment Blank ID_____

WELL INSPECTION:

Well Cap Secured yes Well Cap Locked yes Traffic Cover Secured yes

Well Box Cleaned and Free of Water yes

Repair/Replacement Performed 0

Repair/Replacement Needed 0

WAYNE PERRY, INC.
WELL PURGING, SAMPLING AND INSPECTION FORM

Job Number: '12.018

Station No. 9-8721 **Location** 9971 Adams Ave., Huntington Beach Page 11 of 12

Client Name: Chevron Environmental Mgmt Co. Sampled By: Jorge Gr / Baldomero

Well ID: MW-05 **Well Diameter:** 2" **Depth-to Water:** 8.32

Gauging Date: 12/10/12 **Purging Method:** NPS **Depth-to-Bottom:** 19.28

Purging Date: **Sampling Method:** disp. Bailer **Water Column (ft):** 10.96

Sampling Date: 12/10/12 **Water Meter / Interface Probe** Solinst

WELL PURGING:

Calculate volume of water to purge:

_____ gals x _____ = _____ gals

(1 casing volume) (no. of volumes to purge) (total volume to purge)

Multipliers for converting length of water column (feet) to gallons:

Well Diameter	Multiplier	Well Diameter	Multiplier	Well Diameter	Multiplier
1 inch	0.04	3 inch	0.37	6 inch	1.47
2 inch	0.16	4 inch	0.65		
1.5 inch	0.09			other radius (squared) x 0.163	

Purge Start Time: **Water Qual. Instrument Used:** OAKTON S# 143669 / Turb 386552

	1	2	3	NPS	COMMENTS
TIME				10:34	clear water
Depth to water				8.32	
TEMP (°C)				24.8	
pH				7.48	
CONDUCTIVITY				872	
TURBIDITY				12.7	
Dissolved Oxygen					
Oxy.Reduct. Potent.					
GALS. REMOVED				0	Total Gallons Purged 0

DO Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

REDOX Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

Did Well Dewater? NO Water Storage/Disposal Method 0 No. of Drums Used 0

WELL SAMPLING:

Sampling Time 10:32 Recharge Level 8.32

Laboratory: ***Lancaster Labs*** / Fulsom

Analyses Requested: TPH-G / BTEX____ MTBE____ Oxygenates / 8260B Other_____

Trip Blank ID_____ Duplicate ID_____ Equipment Blank ID_____

WELL INSPECTION:

Well Cap Secured yes Well Cap Locked yes Traffic Cover Secured yes

Well Box Cleaned and Free of Water yes

Repair/Replacement Performed 0

Repair/Replacement Needed 0

WAYNE PERRY, INC.
WELL PURGING, SAMPLING AND INSPECTION FORM

Job Number: '12.018

Station No. 9-8721 **Location** 9971 Adams Ave., Huntington Beach Page 12 of 12

Client Name: Chevron Environmental Mgmt Co. Sampled By: Jorge G. / Baldo M.

Well ID: MW-04 **Well Diameter:** 2" **Depth-to Water:** 6.91

Gauging Date: 12/10/12 **Purging Method:** NPS **Depth-to-Bottom:** 20.29

Purging Date: **Sampling Method:** disp. Bailer **Water Column (ft):** 13.38

Sampling Date: 12/10/12 **Water Meter / Interface Probe** Solinst

WELL PURGING:

Calculate volume of water to purge:

_____ gals x _____ = _____ gals

(1 casing volume) (no. of volumes to purge) (total volume to purge)

Multipliers for converting length of water column (feet) to gallons:

Well Diameter	Multiplier	Well Diameter	Multiplier	Well Diameter	Multiplier
1 inch	0.04	3 inch	0.37	6 inch	1.47
2 inch	0.16	4 inch	0.65		
1.5 inch	0.09			other radius (squared) x 0.163	

Purge Start Time: **Water Qual. Instrument Used:** OAKTON SN#43669 / Horiba 386552

	1	2	3	NPS	COMMENTS
TIME				10:45	Clear Water
Depth to water				6.91	
TEMP (°C)				25.0	
pH				7.50	
CONDUCTIVITY				920	
TURBIDITY				9.36	
Dissolved Oxygen					
Oxy.Reduct. Potent.					
GALS. REMOVED				0	Total Gallons Purged 0

DO Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

REDOX Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

Did Well Dewater? NO Water Storage/Disposal Method 0 No. of Drums Used 0

WELL SAMPLING:

Sampling Time 10:43 Recharge Level 6.91

Laboratory: ***Lancaster Labs***

Analyses Requested: TPH-G / Fuel Scan BTEX____ MTBE____ Oxygenates / 8260B. Other_____

Trip Blank ID_____ Duplicate ID_____ Equipment Blank ID_____

WELL INSPECTION:

Well Cap Secured yes Well Cap Locked yes Traffic Cover Secured yes

Well Box Cleaned and Free of Water yes

Repair/Replacement Performed 0

Repair/Replacement Needed 0

CHAIN OF CUSTODY FORM

Chevron Environmental Management Company ▪ 145 S. State College Boulevard, Suite 400 ▪ Brea, CA 92821

COC 2 of 2

Chevron Site Number 9-8721
Chevron Site Global ID T0605900904
Chevron Site Address 9971 Adams Ave.
@ Brookhurst, Huntington Beach
Chevron PM: Daryl Pessler
Chevron PM Phone No.: (714) 671-3200
☑ Marketing Business Unit (MBU) Job
☐ Construction/Retail Job

Charge Code: NWRTB 0098721 -0-LAB
NWRTB 00 SITE NUMBER -0- WBS

WBS ELEMENTS:
Site Assessment: **A10L** Remediation Implementation: **R10**
Site Monitoring: **GWS** Operation Maintenance & Monitoring: **M10**

This is a LEGAL document. ALL fields must be filled out CORRECTLY and COMPLETELY.

Chevron Consultant: Science Applications Intl. Corp. (SAIC).
Address: 590 W. Central Ave. Suite I, Brea, CA 92821
Consultant Contact: Hal Dihm
Consultant Phone No.: (714) 257-6415
Consultant Project No.: 12-018
Sampling Company: Wayne Perry, Inc.
Sampled By (PRINT): Jim Gonzalez
Sampler Signature:

Lancaster Laboratories
Lancaster, PA
Lab Contact: Jill Parker Phone No.: (717)656-2300 Ext. 1246

Other Lab

Temp. Blank Check
Time Temp.

ANALYSES REQUIRED

Preservation Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 O = Other

Special Instructions

SAMPLE ID: Field Point Name	Matrix	Top Depth	Date (yymmdd)	Sample Time	# of Containers	Container Type	EPA 8260B/GC/MS TPH-GRO ☑ FULL SCAN ☑ OXYGENATES ☑	EPA 8015B GRO ☐ DRO ☐ ORO ☐ HC SCREEN ☐	EPA 8021B BTEX ☐ MTBE ☐	EPA 6010 Ca, Fe, K, Mg, Mn, Na	EPA 6010/7000 TITLE 22 METALS ☐ TTLC ☐ STLC ☐	EPA 150.1 PH ☐ / EPA 310.1 ALKALINITY ☐	SM 2510B SPECIFIC CONDUCTIVITY	EPA 418.1 TRPH ☐ / EPA 413.1 OIL & GREASE ☐				Notes / Comments
~~QA~~	~~T~~				~~3~~	~~40 ml vial~~	~~X~~											~~Trip Blank~~
TPE-2R	W		12/12/10	09:43	4	40 ml vial	X											
	~~W~~				~~3~~	~~40 ml vial~~	~~X~~											

Relinquished By	Company	Date / Time:	Relinquished To	Company	Date / Time :
	Wayne Perry, Inc.				
Relinquished By	Company	Date / Time:	Relinquished To	Company	Date / Time :
Relinquished By	Company	Date / Time:	Relinquished To	Company	Date / Time :

Turnaround Time (TAT):
Standard ☑ 24 Hours ☐ 48 Hours ☐
72 Hours ☐ Other ☐

Sample Integrity: (Check by lab on arrival)
Custody Seals Intact: _____ On Ice: _____ Temp.: _____

COC #

CHAIN OF CUSTODY FORM

Chevron Environmental Management Company ■ 145 S. State College Boulevard, Suite 400 ■ Brea, CA 92821

COC 1 of 2

Chevron Site Number 9-8721
Chevron Site Global ID T0605900904
Chevron Site Address 9971 Adams Ave.
@ Brookhurst, Huntington Beach
Chevron PM: Daryl Pessler
Chevron PM Phone No.: (714) 671-3200
☑ Marketing Business Unit (MBU) Job
☐ Construction/Retail Job

Charge Code: NWRTB 0098721 -0-LAB
NWRTB 00 SITE NUMBER -0- WBS

WBS ELEMENTS:
Site Assessment: **A10L** Remediation Implementation: **R10**
Site Monitoring: **GWS** Operation Maintenance & Monitoring: **M10**

This is a LEGAL document. ALL fields must be filled out CORRECTLY and COMPLETELY.

Chevron Consultant: Science Applications Intl. Corp. (SAIC)
Address: 590 W. Central Ave, Suite I, Brea, CA 92821
Consultant Contact: Hal Dihm
Consultant Phone No.: (714) 257-6415
Consultant Project No.: 12-018
Sampling Company: Wayne Perry, Inc.
Sampled By (PRINT): Jay Gonzalez
Sampler Signature:

Lancaster Laboratories
Lancaster, PA
Lab Contact: Jill Parker Phone No.: (717)656-2300 Ext. 1246

Other Lab

Temp. Blank Check
Time Temp.

ANALYSES REQUIRED

Preservation Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 O = Other

Special Instructions

SAMPLE ID: Field Point Name	Matrix	Top Depth	Date (yymmdd)	Sample Time	# of Containers	Container Type	EPA 8260B/GC/MS TPH-GRO ☑ FULL SCAN ☑ OXYGENATES ☑	EPA 8015B GRO ☐ DRO ☐ ORO ☐ HC SCREEN ☐	EPA 8021B BTEX ☐ MTBE ☐	EPA 6010 Ca, Fe, K, Mg, Mn, Na	EPA 6010/7000 TITLE 22 METALS ☐ TTLC ☐ STLC ☐	EPA 150.1 PH ☐ / EPA 310.1 ALKALINITY ☐	SM 2510B SPECIFIC CONDUCTIVITY	EPA 418.1 TRPH ☐ / EPA 413.1 OIL & GREASE ☐				Notes / Comments
QA	T		12/12/10	08:30	4	40 ml vial	X											Trip Blank
B-01	W		12/12/10	08:48	4	40 ml vial	X											
B-02	W		12/12/10	09:21	4	40 ml vial	X											
MW-01	W		12/12/10	09:30	4	40 ml vial	X											
MW-02	W		12/12/10	09:53	4	40 ml vial	X											
MW-03	W		12/12/10	10:14	4	40 ml vial	X											
MW-04	W		12/12/10	10:43	4	40 ml vial	X											
MW-05	W		12/12/10	10:32	4	40 ml vial	X											
MW-06	W		12/12/10	09:00	4	40 ml vial	X											
MW-07	W		12/12/10	09:11	4	40 ml vial	X											
MW-08	W		12/12/10	08:35	4	40 ml vial	X											
TPC-18	W		12/12/10	10:05	4	40 ml vial	X											

Relinquished By	Company	Date / Time:	Relinquished To	Company	Date / Time :
	Wayne Perry, Inc.				
Relinquished By	Company	Date / Time:	Relinquished To	Company	Date / Time :
Relinquished By	Company	Date / Time:	Relinquished To	Company	Date / Time :

Turnaround Time (TAT):
Standard ☑ 24 Hours ☐ 48 Hours ☐
72 Hours ☐ Other ☐

Sample Integrity: (Check by lab on arrival)
Custody Seals Intact: _____ On Ice: _____ Temp.: _____

COC #

ATTACHMENT 7

LABORATORY ANALYSES AND CHAIN OF CUSTODY FORMS

ANALYTICAL RESULTS

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

Prepared for:

Chevron
145 S. State College Blvd.
Brea CA 92822

December 21, 2012

Project: CVX 9-8721

Submittal Date: 12/12/2012
Group Number: 1355710
PO Number: 0015096314
Release Number: PESSLER
State of Sample Origin: CA

Client Sample Description	Lancaster Labs (LLI) #
QA-T-121210 NA Water	6891857
B-01-W-121210 NA Water	6891858
B-02-W-121210 NA Water	6891859
MW-01-W-121210 NA Water	6891860
MW-02-W-121210 NA Water	6891861
MW-03-W-121210 NA Water	6891862
MW-04-W-121210 NA Water	6891863
MW-05-W-121210 NA Water	6891864
MW-06-W-121210 NA Water	6891865
MW-07-W-121210 NA Water	6891866
MW-08-W-121210 NA Water	6891867
TPE-1B-W-121210 NA Water	6891868
TPE-2R-W-121210 NA Water	6891869

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

ELECTRONIC COPY TO	SAIC	Attn: John Yoo
ELECTRONIC COPY TO	SAIC	Attn: Hal Dihm

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Respectfully Submitted,

Jill M. Parker

Jill M. Parker
Senior Specialist

(717) 556-7262

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2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Sample Description: QA-T-121210 NA Water
Facility# 98721 WPBP
9971 Adams-Huntington Beac T0605900904 QA

LLI Sample # WW 6891857
LLI Group # 1355710
Account # 11908

Project Name: CVX 9-8721

Collected: 12/10/2012 08:30

Submitted: 12/12/2012 09:25
Reported: 12/21/2012 19:02

Chevron
145 S. State College Blvd.
Brea CA 92822

AHBQA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	**ug/l**	
10335	Acetone	67-64-1	N.D.	6	20	1
10335	t-Amyl methyl ether	994-05-8	N.D.	0.5	4	1
10335	Benzene	71-43-2	N.D.	0.5	4	1
10335	Bromobenzene	108-86-1	N.D.	1	5	1
10335	Bromochloromethane	74-97-5	N.D.	1	5	1
10335	Bromodichloromethane	75-27-4	N.D.	1	5	1
10335	Bromoform	75-25-2	N.D.	1	5	1
10335	Bromomethane	74-83-9	N.D.	1	5	1
10335	2-Butanone	78-93-3	N.D.	3	10	1
10335	t-Butyl alcohol	75-65-0	N.D.	5	80	1
10335	n-Butylbenzene	104-51-8	N.D.	1	5	1
10335	sec-Butylbenzene	135-98-8	N.D.	1	5	1
10335	tert-Butylbenzene	98-06-6	N.D.	1	5	1
10335	C4-C12-TPH-GRO	n.a.	N.D.	22	50	1
10335	Carbon Disulfide	75-15-0	N.D.	1	5	1
10335	Carbon Tetrachloride	56-23-5	N.D.	1	5	1
10335	Chlorobenzene	108-90-7	N.D.	0.8	5	1
10335	Chloroethane	75-00-3	N.D.	1	5	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.					
10335	Chloroform	67-66-3	N.D.	0.8	5	1
10335	Chloromethane	74-87-3	N.D.	1	5	1
10335	2-Chlorotoluene	95-49-8	N.D.	1	5	1
10335	4-Chlorotoluene	106-43-4	N.D.	1	5	1
10335	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	2	5	1
10335	Dibromochloromethane	124-48-1	N.D.	1	5	1
10335	1,2-Dibromoethane	106-93-4	N.D.	0.5	4	1
10335	Dibromomethane	74-95-3	N.D.	1	5	1
10335	1,2-Dichlorobenzene	95-50-1	N.D.	1	5	1
10335	1,3-Dichlorobenzene	541-73-1	N.D.	1	5	1
10335	1,4-Dichlorobenzene	106-46-7	N.D.	1	5	1
10335	Dichlorodifluoromethane	75-71-8	N.D.	2	5	1
10335	1,1-Dichloroethane	75-34-3	N.D.	1	5	1
10335	1,2-Dichloroethane	107-06-2	N.D.	0.5	4	1
10335	1,1-Dichloroethene	75-35-4	N.D.	0.8	5	1
10335	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	5	1
10335	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	5	1
10335	1,2-Dichloropropane	78-87-5	N.D.	1	5	1
10335	1,3-Dichloropropane	142-28-9	N.D.	1	5	1
10335	2,2-Dichloropropane	594-20-7	N.D.	1	5	1
10335	1,1-Dichloropropene	563-58-6	N.D.	1	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.	1	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.	1	5	1
10335	Ethanol	64-17-5	N.D.	50	250	1
10335	Ethyl t-butyl ether	637-92-3	N.D.	0.5	4	1
10335	Ethylbenzene	100-41-4	N.D.	0.5	4	1
10335	Freon 113	76-13-1	N.D.	2	10	1
10335	Hexachlorobutadiene	87-68-3	N.D.	2	5	1
10335	2-Hexanone	591-78-6	N.D.	3	10	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: QA-T-121210 NA Water
Facility# 98721 WPBP
9971 Adams-Huntington Beac T0605900904 QA

LLI Sample # WW 6891857
LLI Group # 1355710
Account # 11908

Project Name: CVX 9-8721

Collected: 12/10/2012 08:30

Submitted: 12/12/2012 09:25
Reported: 12/21/2012 19:02

Chevron
145 S. State College Blvd.
Brea CA 92822

AHBQA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	ug/l	
10335	di-Isopropyl ether	108-20-3	N.D.	0.5	4	1
10335	Isopropylbenzene	98-82-8	N.D.	1	5	1
10335	p-Isopropyltoluene	99-87-6	N.D.	1	5	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	4	1
10335	4-Methyl-2-pentanone	108-10-1	N.D.	3	10	1
10335	Methylene Chloride	75-09-2	N.D.	2	5	1
10335	Naphthalene	91-20-3	N.D.	1	5	1
10335	n-Propylbenzene	103-65-1	N.D.	1	5	1
10335	Styrene	100-42-5	N.D.	1	5	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1	5	1
10335	Tetrachloroethene	127-18-4	N.D.	0.8	5	1
10335	Toluene	108-88-3	N.D.	0.5	4	1
10335	1,2,3-Trichlorobenzene	87-61-6	N.D.	1	5	1
10335	1,2,4-Trichlorobenzene	120-82-1	N.D.	1	5	1
10335	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	5	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	5	1
10335	Trichloroethene	79-01-6	N.D.	1	5	1
10335	Trichlorofluoromethane	75-69-4	N.D.	2	5	1
10335	1,2,3-Trichloropropane	96-18-4	N.D.	1	5	1
10335	1,2,4-Trimethylbenzene	95-63-6	N.D.	1	5	1
10335	1,3,5-Trimethylbenzene	108-67-8	N.D.	1	5	1
10335	Vinyl Chloride	75-01-4	N.D.	1	5	1
10335	m+p-Xylene	n.a.	N.D.	0.5	4	1
10335	o-Xylene	95-47-6	N.D.	0.5	4	1

General Sample Comments

State of California Lab Certification No. 2501

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Full w/ Sep Xylenes & GRO	SW-846 8260B	1	W123521AA	12/17/2012 13:59	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W123521AA	12/17/2012 13:59	Emily R Styer	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: B-01-W-121210 NA Water
Facility# 98721 WPBP
9971 Adams-Huntington Beac T0605900904 B-01

LLI Sample # WW 6891858
LLI Group # 1355710
Account # 11908

Project Name: CVX 9-8721

Collected: 12/10/2012 08:48 by JG

Submitted: 12/12/2012 09:25
Reported: 12/21/2012 19:02

Chevron
145 S. State College Blvd.
Brea CA 92822

AHBB1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	ug/l	
10335	Acetone	67-64-1	N.D.	6	20	1
10335	t-Amyl methyl ether	994-05-8	N.D.	0.5	4	1
10335	Benzene	71-43-2	N.D.	0.5	4	1
10335	Bromobenzene	108-86-1	N.D.	1	5	1
10335	Bromochloromethane	74-97-5	N.D.	1	5	1
10335	Bromodichloromethane	75-27-4	N.D.	1	5	1
10335	Bromoform	75-25-2	N.D.	1	5	1
10335	Bromomethane	74-83-9	N.D.	1	5	1
10335	2-Butanone	78-93-3	N.D.	3	10	1
10335	t-Butyl alcohol	75-65-0	N.D.	5	80	1
10335	n-Butylbenzene	104-51-8	N.D.	1	5	1
10335	sec-Butylbenzene	135-98-8	N.D.	1	5	1
10335	tert-Butylbenzene	98-06-6	N.D.	1	5	1
10335	C4-C12-TPH-GRO	n.a.	N.D.	22	50	1
10335	Carbon Disulfide	75-15-0	N.D.	1	5	1
10335	Carbon Tetrachloride	56-23-5	N.D.	1	5	1
10335	Chlorobenzene	108-90-7	N.D.	0.8	5	1
10335	Chloroethane	75-00-3	N.D.	1	5	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.					
10335	Chloroform	67-66-3	N.D.	0.8	5	1
10335	Chloromethane	74-87-3	N.D.	1	5	1
10335	2-Chlorotoluene	95-49-8	N.D.	1	5	1
10335	4-Chlorotoluene	106-43-4	N.D.	1	5	1
10335	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	2	5	1
10335	Dibromochloromethane	124-48-1	N.D.	1	5	1
10335	1,2-Dibromoethane	106-93-4	N.D.	0.5	4	1
10335	Dibromomethane	74-95-3	N.D.	1	5	1
10335	1,2-Dichlorobenzene	95-50-1	N.D.	1	5	1
10335	1,3-Dichlorobenzene	541-73-1	N.D.	1	5	1
10335	1,4-Dichlorobenzene	106-46-7	N.D.	1	5	1
10335	Dichlorodifluoromethane	75-71-8	N.D.	2	5	1
10335	1,1-Dichloroethane	75-34-3	N.D.	1	5	1
10335	1,2-Dichloroethane	107-06-2	N.D.	0.5	4	1
10335	1,1-Dichloroethene	75-35-4	N.D.	0.8	5	1
10335	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	5	1
10335	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	5	1
10335	1,2-Dichloropropane	78-87-5	N.D.	1	5	1
10335	1,3-Dichloropropane	142-28-9	N.D.	1	5	1
10335	2,2-Dichloropropane	594-20-7	N.D.	1	5	1
10335	1,1-Dichloropropene	563-58-6	N.D.	1	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.	1	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.	1	5	1
10335	Ethanol	64-17-5	N.D.	50	250	1
10335	Ethyl t-butyl ether	637-92-3	N.D.	0.5	4	1
10335	Ethylbenzene	100-41-4	N.D.	0.5	4	1
10335	Freon 113	76-13-1	N.D.	2	10	1
10335	Hexachlorobutadiene	87-68-3	N.D.	2	5	1
10335	2-Hexanone	591-78-6	N.D.	3	10	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: B-01-W-121210 NA Water
Facility# 98721 WPBP
9971 Adams-Huntington Beac T0605900904 B-01

LLI Sample # WW 6891858
LLI Group # 1355710
Account # 11908

Project Name: CVX 9-8721

Collected: 12/10/2012 08:48 by JG

Submitted: 12/12/2012 09:25
Reported: 12/21/2012 19:02

Chevron
145 S. State College Blvd.
Brea CA 92822

AHBB1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	ug/l	
10335	di-Isopropyl ether	108-20-3	N.D.	0.5	4	1
10335	Isopropylbenzene	98-82-8	N.D.	1	5	1
10335	p-Isopropyltoluene	99-87-6	N.D.	1	5	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	4	1
10335	4-Methyl-2-pentanone	108-10-1	N.D.	3	10	1
10335	Methylene Chloride	75-09-2	N.D.	2	5	1
10335	Naphthalene	91-20-3	N.D.	1	5	1
10335	n-Propylbenzene	103-65-1	N.D.	1	5	1
10335	Styrene	100-42-5	N.D.	1	5	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1	5	1
10335	Tetrachloroethene	127-18-4	N.D.	0.8	5	1
10335	Toluene	108-88-3	N.D.	0.5	4	1
10335	1,2,3-Trichlorobenzene	87-61-6	N.D.	1	5	1
10335	1,2,4-Trichlorobenzene	120-82-1	N.D.	1	5	1
10335	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	5	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	5	1
10335	Trichloroethene	79-01-6	N.D.	1	5	1
10335	Trichlorofluoromethane	75-69-4	N.D.	2	5	1
10335	1,2,3-Trichloropropane	96-18-4	N.D.	1	5	1
10335	1,2,4-Trimethylbenzene	95-63-6	N.D.	1	5	1
10335	1,3,5-Trimethylbenzene	108-67-8	N.D.	1	5	1
10335	Vinyl Chloride	75-01-4	N.D.	1	5	1
10335	m+p-Xylene	n.a.	N.D.	0.5	4	1
10335	o-Xylene	95-47-6	N.D.	0.5	4	1

General Sample Comments

State of California Lab Certification No. 2501

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Full w/ Sep Xylenes & GRO	SW-846 8260B	1	W123521AA	12/17/2012 15:59	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W123521AA	12/17/2012 15:59	Emily R Styer	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: B-02-W-121210 NA Water
Facility# 98721 WPBP
9971 Adams-Huntington Beac T0605900904 B-02

LLI Sample # WW 6891859
LLI Group # 1355710
Account # 11908

Project Name: CVX 9-8721

Collected: 12/10/2012 09:21 by JG

Submitted: 12/12/2012 09:25
Reported: 12/21/2012 19:02

Chevron
145 S. State College Blvd.
Brea CA 92822

AHBB2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	**ug/l**	
10335	Acetone	67-64-1	N.D.	6	20	1
10335	t-Amyl methyl ether	994-05-8	N.D.	0.5	4	1
10335	Benzene	71-43-2	N.D.	0.5	4	1
10335	Bromobenzene	108-86-1	N.D.	1	5	1
10335	Bromochloromethane	74-97-5	N.D.	1	5	1
10335	Bromodichloromethane	75-27-4	N.D.	1	5	1
10335	Bromoform	75-25-2	N.D.	1	5	1
10335	Bromomethane	74-83-9	N.D.	1	5	1
10335	2-Butanone	78-93-3	N.D.	3	10	1
10335	t-Butyl alcohol	75-65-0	N.D.	5	80	1
10335	n-Butylbenzene	104-51-8	N.D.	1	5	1
10335	sec-Butylbenzene	135-98-8	N.D.	1	5	1
10335	tert-Butylbenzene	98-06-6	N.D.	1	5	1
10335	C4-C12-TPH-GRO	n.a.	N.D.	22	50	1
10335	Carbon Disulfide	75-15-0	N.D.	1	5	1
10335	Carbon Tetrachloride	56-23-5	N.D.	1	5	1
10335	Chlorobenzene	108-90-7	N.D.	0.8	5	1
10335	Chloroethane	75-00-3	N.D.	1	5	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.					
10335	Chloroform	67-66-3	N.D.	0.8	5	1
10335	Chloromethane	74-87-3	N.D.	1	5	1
10335	2-Chlorotoluene	95-49-8	N.D.	1	5	1
10335	4-Chlorotoluene	106-43-4	N.D.	1	5	1
10335	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	2	5	1
10335	Dibromochloromethane	124-48-1	N.D.	1	5	1
10335	1,2-Dibromoethane	106-93-4	N.D.	0.5	4	1
10335	Dibromomethane	74-95-3	N.D.	1	5	1
10335	1,2-Dichlorobenzene	95-50-1	N.D.	1	5	1
10335	1,3-Dichlorobenzene	541-73-1	N.D.	1	5	1
10335	1,4-Dichlorobenzene	106-46-7	N.D.	1	5	1
10335	Dichlorodifluoromethane	75-71-8	N.D.	2	5	1
10335	1,1-Dichloroethane	75-34-3	N.D.	1	5	1
10335	1,2-Dichloroethane	107-06-2	N.D.	0.5	4	1
10335	1,1-Dichloroethene	75-35-4	N.D.	0.8	5	1
10335	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	5	1
10335	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	5	1
10335	1,2-Dichloropropane	78-87-5	N.D.	1	5	1
10335	1,3-Dichloropropane	142-28-9	N.D.	1	5	1
10335	2,2-Dichloropropane	594-20-7	N.D.	1	5	1
10335	1,1-Dichloropropene	563-58-6	N.D.	1	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.	1	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.	1	5	1
10335	Ethanol	64-17-5	N.D.	50	250	1
10335	Ethyl t-butyl ether	637-92-3	N.D.	0.5	4	1
10335	Ethylbenzene	100-41-4	N.D.	0.5	4	1
10335	Freon 113	76-13-1	N.D.	2	10	1
10335	Hexachlorobutadiene	87-68-3	N.D.	2	5	1
10335	2-Hexanone	591-78-6	N.D.	3	10	1

*=This limit was used in the evaluation of the final result

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Analysis Report

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Sample Description: B-02-W-121210 NA Water
Facility# 98721 WPBP
9971 Adams-Huntington Beac T0605900904 B-02

LLI Sample # WW 6891859
LLI Group # 1355710
Account # 11908

Project Name: CVX 9-8721

Collected: 12/10/2012 09:21 by JG

Submitted: 12/12/2012 09:25
Reported: 12/21/2012 19:02

Chevron
145 S. State College Blvd.
Brea CA 92822

AHBB2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	ug/l	
10335	di-Isopropyl ether	108-20-3	N.D.	0.5	4	1
10335	Isopropylbenzene	98-82-8	N.D.	1	5	1
10335	p-Isopropyltoluene	99-87-6	N.D.	1	5	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	4	1
10335	4-Methyl-2-pentanone	108-10-1	N.D.	3	10	1
10335	Methylene Chloride	75-09-2	N.D.	2	5	1
10335	Naphthalene	91-20-3	N.D.	1	5	1
10335	n-Propylbenzene	103-65-1	N.D.	1	5	1
10335	Styrene	100-42-5	N.D.	1	5	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1	5	1
10335	Tetrachloroethene	127-18-4	N.D.	0.8	5	1
10335	Toluene	108-88-3	N.D.	0.5	4	1
10335	1,2,3-Trichlorobenzene	87-61-6	N.D.	1	5	1
10335	1,2,4-Trichlorobenzene	120-82-1	N.D.	1	5	1
10335	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	5	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	5	1
10335	Trichloroethene	79-01-6	N.D.	1	5	1
10335	Trichlorofluoromethane	75-69-4	N.D.	2	5	1
10335	1,2,3-Trichloropropane	96-18-4	N.D.	1	5	1
10335	1,2,4-Trimethylbenzene	95-63-6	N.D.	1	5	1
10335	1,3,5-Trimethylbenzene	108-67-8	N.D.	1	5	1
10335	Vinyl Chloride	75-01-4	N.D.	1	5	1
10335	m+p-Xylene	n.a.	N.D.	0.5	4	1
10335	o-Xylene	95-47-6	N.D.	0.5	4	1

General Sample Comments

State of California Lab Certification No. 2501

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Full w/ Sep Xylenes & GRO	SW-846 8260B	1	W123521AA	12/17/2012 16:23	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W123521AA	12/17/2012 16:23	Emily R Styer	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: MW-01-W-121210 NA Water
Facility# 98721 WPBP
9971 Adams-Huntington Beac T0605900904 MW-01

LLI Sample # WW 6891860
LLI Group # 1355710
Account # 11908

Project Name: CVX 9-8721

Collected: 12/10/2012 09:30 by JG

Submitted: 12/12/2012 09:25
Reported: 12/21/2012 19:02

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AHB01

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	**ug/l**	
10335	Acetone	67-64-1	N.D.	6	20	1
10335	t-Amyl methyl ether	994-05-8	N.D.	0.5	4	1
10335	Benzene	71-43-2	N.D.	0.5	4	1
10335	Bromobenzene	108-86-1	N.D.	1	5	1
10335	Bromochloromethane	74-97-5	N.D.	1	5	1
10335	Bromodichloromethane	75-27-4	N.D.	1	5	1
10335	Bromoform	75-25-2	N.D.	1	5	1
10335	Bromomethane	74-83-9	N.D.	1	5	1
10335	2-Butanone	78-93-3	N.D.	3	10	1
10335	t-Butyl alcohol	75-65-0	N.D.	5	80	1
10335	n-Butylbenzene	104-51-8	N.D.	1	5	1
10335	sec-Butylbenzene	135-98-8	N.D.	1	5	1
10335	tert-Butylbenzene	98-06-6	N.D.	1	5	1
10335	C4-C12-TPH-GRO	n.a.	N.D.	22	50	1
10335	Carbon Disulfide	75-15-0	N.D.	1	5	1
10335	Carbon Tetrachloride	56-23-5	N.D.	1	5	1
10335	Chlorobenzene	108-90-7	N.D.	0.8	5	1
10335	Chloroethane	75-00-3	N.D.	1	5	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.					
10335	Chloroform	67-66-3	N.D.	0.8	5	1
10335	Chloromethane	74-87-3	N.D.	1	5	1
10335	2-Chlorotoluene	95-49-8	N.D.	1	5	1
10335	4-Chlorotoluene	106-43-4	N.D.	1	5	1
10335	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	2	5	1
10335	Dibromochloromethane	124-48-1	N.D.	1	5	1
10335	1,2-Dibromoethane	106-93-4	N.D.	0.5	4	1
10335	Dibromomethane	74-95-3	N.D.	1	5	1
10335	1,2-Dichlorobenzene	95-50-1	N.D.	1	5	1
10335	1,3-Dichlorobenzene	541-73-1	N.D.	1	5	1
10335	1,4-Dichlorobenzene	106-46-7	N.D.	1	5	1
10335	Dichlorodifluoromethane	75-71-8	N.D.	2	5	1
10335	1,1-Dichloroethane	75-34-3	N.D.	1	5	1
10335	1,2-Dichloroethane	107-06-2	N.D.	0.5	4	1
10335	1,1-Dichloroethene	75-35-4	N.D.	0.8	5	1
10335	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	5	1
10335	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	5	1
10335	1,2-Dichloropropane	78-87-5	N.D.	1	5	1
10335	1,3-Dichloropropane	142-28-9	N.D.	1	5	1
10335	2,2-Dichloropropane	594-20-7	N.D.	1	5	1
10335	1,1-Dichloropropene	563-58-6	N.D.	1	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.	1	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.	1	5	1
10335	Ethanol	64-17-5	N.D.	50	250	1
10335	Ethyl t-butyl ether	637-92-3	N.D.	0.5	4	1
10335	Ethylbenzene	100-41-4	N.D.	0.5	4	1
10335	Freon 113	76-13-1	N.D.	2	10	1
10335	Hexachlorobutadiene	87-68-3	N.D.	2	5	1
10335	2-Hexanone	591-78-6	N.D.	3	10	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: MW-01-W-121210 NA Water
Facility# 98721 WPBP
9971 Adams-Huntington Beac T0605900904 MW-01

LLI Sample # WW 6891860
LLI Group # 1355710
Account # 11908

Project Name: CVX 9-8721

Collected: 12/10/2012 09:30 by JG

Submitted: 12/12/2012 09:25
Reported: 12/21/2012 19:02

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145 S. State College Blvd.
Brea CA 92822

AHB01

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	ug/l	
10335	di-Isopropyl ether	108-20-3	N.D.	0.5	4	1
10335	Isopropylbenzene	98-82-8	N.D.	1	5	1
10335	p-Isopropyltoluene	99-87-6	N.D.	1	5	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	4	1
10335	4-Methyl-2-pentanone	108-10-1	N.D.	3	10	1
10335	Methylene Chloride	75-09-2	N.D.	2	5	1
10335	Naphthalene	91-20-3	N.D.	1	5	1
10335	n-Propylbenzene	103-65-1	N.D.	1	5	1
10335	Styrene	100-42-5	N.D.	1	5	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1	5	1
10335	Tetrachloroethene	127-18-4	N.D.	0.8	5	1
10335	Toluene	108-88-3	N.D.	0.5	4	1
10335	1,2,3-Trichlorobenzene	87-61-6	N.D.	1	5	1
10335	1,2,4-Trichlorobenzene	120-82-1	N.D.	1	5	1
10335	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	5	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	5	1
10335	Trichloroethene	79-01-6	N.D.	1	5	1
10335	Trichlorofluoromethane	75-69-4	N.D.	2	5	1
10335	1,2,3-Trichloropropane	96-18-4	N.D.	1	5	1
10335	1,2,4-Trimethylbenzene	95-63-6	N.D.	1	5	1
10335	1,3,5-Trimethylbenzene	108-67-8	N.D.	1	5	1
10335	Vinyl Chloride	75-01-4	N.D.	1	5	1
10335	m+p-Xylene	n.a.	N.D.	0.5	4	1
10335	o-Xylene	95-47-6	N.D.	0.5	4	1

General Sample Comments

State of California Lab Certification No. 2501

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Full w/ Sep Xylenes & GRO	SW-846 8260B	1	W123521AA	12/17/2012 16:47	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W123521AA	12/17/2012 16:47	Emily R Styer	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: MW-02-W-121210 NA Water
Facility# 98721 WPBP
9971 Adams-Huntington Beac T0605900904 MW-02

LLI Sample # WW 6891861
LLI Group # 1355710
Account # 11908

Project Name: CVX 9-8721

Collected: 12/10/2012 09:53 by JG

Submitted: 12/12/2012 09:25
Reported: 12/21/2012 19:02

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145 S. State College Blvd.
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AHB02

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**		**ug/l**	**ug/l**	
10335	Acetone	67-64-1	N.D.		6	20	1
10335	t-Amyl methyl ether	994-05-8	N.D.		0.5	4	1
10335	Benzene	71-43-2	660		5	40	10
10335	Bromobenzene	108-86-1	N.D.		1	5	1
10335	Bromochloromethane	74-97-5	N.D.		1	5	1
10335	Bromodichloromethane	75-27-4	N.D.		1	5	1
10335	Bromoform	75-25-2	N.D.		1	5	1
10335	Bromomethane	74-83-9	N.D.		1	5	1
10335	2-Butanone	78-93-3	7	J	3	10	1
10335	t-Butyl alcohol	75-65-0	10	J	5	80	1
10335	n-Butylbenzene	104-51-8	9		1	5	1
10335	sec-Butylbenzene	135-98-8	10		1	5	1
10335	tert-Butylbenzene	98-06-6	N.D.		1	5	1
10335	C4-C12-TPH-GRO	n.a.	7,000		220	500	10
10335	Carbon Disulfide	75-15-0	N.D.		1	5	1
10335	Carbon Tetrachloride	56-23-5	N.D.		1	5	1
10335	Chlorobenzene	108-90-7	N.D.		0.8	5	1
10335	Chloroethane	75-00-3	N.D.		1	5	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	N.D.		2	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.						
10335	Chloroform	67-66-3	N.D.		0.8	5	1
10335	Chloromethane	74-87-3	N.D.		1	5	1
10335	2-Chlorotoluene	95-49-8	N.D.		1	5	1
10335	4-Chlorotoluene	106-43-4	N.D.		1	5	1
10335	1,2-Dibromo-3-chloropropane	96-12-8	N.D.		2	5	1
10335	Dibromochloromethane	124-48-1	N.D.		1	5	1
10335	1,2-Dibromoethane	106-93-4	N.D.		0.5	4	1
10335	Dibromomethane	74-95-3	N.D.		1	5	1
10335	1,2-Dichlorobenzene	95-50-1	N.D.		1	5	1
10335	1,3-Dichlorobenzene	541-73-1	N.D.		1	5	1
10335	1,4-Dichlorobenzene	106-46-7	N.D.		1	5	1
10335	Dichlorodifluoromethane	75-71-8	N.D.		2	5	1
10335	1,1-Dichloroethane	75-34-3	N.D.		1	5	1
10335	1,2-Dichloroethane	107-06-2	N.D.		0.5	4	1
10335	1,1-Dichloroethene	75-35-4	N.D.		0.8	5	1
10335	cis-1,2-Dichloroethene	156-59-2	N.D.		0.8	5	1
10335	trans-1,2-Dichloroethene	156-60-5	N.D.		0.8	5	1
10335	1,2-Dichloropropane	78-87-5	N.D.		1	5	1
10335	1,3-Dichloropropane	142-28-9	N.D.		1	5	1
10335	2,2-Dichloropropane	594-20-7	N.D.		1	5	1
10335	1,1-Dichloropropene	563-58-6	N.D.		1	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.		1	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.		1	5	1
10335	Ethanol	64-17-5	N.D.		50	250	1
10335	Ethyl t-butyl ether	637-92-3	N.D.		0.5	4	1
10335	Ethylbenzene	100-41-4	370		5	40	10
10335	Freon 113	76-13-1	N.D.		2	10	1
10335	Hexachlorobutadiene	87-68-3	N.D.		2	5	1
10335	2-Hexanone	591-78-6	N.D.		3	10	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: MW-02-W-121210 NA Water
Facility# 98721 WPBP
9971 Adams-Huntington Beac T0605900904 MW-02

LLI Sample # WW 6891861
LLI Group # 1355710
Account # 11908

Project Name: CVX 9-8721

Collected: 12/10/2012 09:53 by JG

Submitted: 12/12/2012 09:25
Reported: 12/21/2012 19:02

Chevron
145 S. State College Blvd.
Brea CA 92822

AHB02

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	ug/l	
10335	di-Isopropyl ether	108-20-3	N.D.	0.5	4	1
10335	Isopropylbenzene	98-82-8	65	1	5	1
10335	p-Isopropyltoluene	99-87-6	3 J	1	5	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	4	1
10335	4-Methyl-2-pentanone	108-10-1	N.D.	3	10	1
10335	Methylene Chloride	75-09-2	N.D.	2	5	1
10335	Naphthalene	91-20-3	79	1	5	1
10335	n-Propylbenzene	103-65-1	130	1	5	1
10335	Styrene	100-42-5	N.D.	1	5	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1	5	1
10335	Tetrachloroethene	127-18-4	N.D.	0.8	5	1
10335	Toluene	108-88-3	51	0.5	4	1
10335	1,2,3-Trichlorobenzene	87-61-6	N.D.	1	5	1
10335	1,2,4-Trichlorobenzene	120-82-1	N.D.	1	5	1
10335	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	5	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	5	1
10335	Trichloroethene	79-01-6	N.D.	1	5	1
10335	Trichlorofluoromethane	75-69-4	N.D.	2	5	1
10335	1,2,3-Trichloropropane	96-18-4	N.D.	1	5	1
10335	1,2,4-Trimethylbenzene	95-63-6	310	10	50	10
10335	1,3,5-Trimethylbenzene	108-67-8	98	1	5	1
10335	Vinyl Chloride	75-01-4	N.D.	1	5	1
10335	m+p-Xylene	n.a.	500	0.5	4	1
10335	o-Xylene	95-47-6	270	0.5	4	1

General Sample Comments

State of California Lab Certification No. 2501

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Full w/ Sep Xylenes & GRO	SW-846 8260B	1	W123521AA	12/17/2012 17:11	Emily R Styer	1
10335	8260 Full w/ Sep Xylenes & GRO	SW-846 8260B	1	W123521AA	12/17/2012 17:35	Emily R Styer	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W123521AA	12/17/2012 17:11	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	W123521AA	12/17/2012 17:35	Emily R Styer	10

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: MW-03-W-121210 NA Water
Facility# 98721 WPBP
9971 Adams-Huntington Beac T0605900904 MW-03

LLI Sample # WW 6891862
LLI Group # 1355710
Account # 11908

Project Name: CVX 9-8721

Collected: 12/10/2012 10:14 by JG

Submitted: 12/12/2012 09:25
Reported: 12/21/2012 19:02

Chevron
145 S. State College Blvd.
Brea CA 92822

AHB03

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	**ug/l**	
10335	Acetone	67-64-1	N.D.	6	20	1
10335	t-Amyl methyl ether	994-05-8	N.D.	0.5	4	1
10335	Benzene	71-43-2	N.D.	0.5	4	1
10335	Bromobenzene	108-86-1	N.D.	1	5	1
10335	Bromochloromethane	74-97-5	N.D.	1	5	1
10335	Bromodichloromethane	75-27-4	N.D.	1	5	1
10335	Bromoform	75-25-2	N.D.	1	5	1
10335	Bromomethane	74-83-9	N.D.	1	5	1
10335	2-Butanone	78-93-3	N.D.	3	10	1
10335	t-Butyl alcohol	75-65-0	N.D.	5	80	1
10335	n-Butylbenzene	104-51-8	N.D.	1	5	1
10335	sec-Butylbenzene	135-98-8	N.D.	1	5	1
10335	tert-Butylbenzene	98-06-6	N.D.	1	5	1
10335	C4-C12-TPH-GRO	n.a.	N.D.	22	50	1
10335	Carbon Disulfide	75-15-0	N.D.	1	5	1
10335	Carbon Tetrachloride	56-23-5	N.D.	1	5	1
10335	Chlorobenzene	108-90-7	N.D.	0.8	5	1
10335	Chloroethane	75-00-3	N.D.	1	5	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.					
10335	Chloroform	67-66-3	N.D.	0.8	5	1
10335	Chloromethane	74-87-3	N.D.	1	5	1
10335	2-Chlorotoluene	95-49-8	N.D.	1	5	1
10335	4-Chlorotoluene	106-43-4	N.D.	1	5	1
10335	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	2	5	1
10335	Dibromochloromethane	124-48-1	N.D.	1	5	1
10335	1,2-Dibromoethane	106-93-4	N.D.	0.5	4	1
10335	Dibromomethane	74-95-3	N.D.	1	5	1
10335	1,2-Dichlorobenzene	95-50-1	N.D.	1	5	1
10335	1,3-Dichlorobenzene	541-73-1	N.D.	1	5	1
10335	1,4-Dichlorobenzene	106-46-7	N.D.	1	5	1
10335	Dichlorodifluoromethane	75-71-8	N.D.	2	5	1
10335	1,1-Dichloroethane	75-34-3	N.D.	1	5	1
10335	1,2-Dichloroethane	107-06-2	N.D.	0.5	4	1
10335	1,1-Dichloroethene	75-35-4	N.D.	0.8	5	1
10335	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	5	1
10335	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	5	1
10335	1,2-Dichloropropane	78-87-5	N.D.	1	5	1
10335	1,3-Dichloropropane	142-28-9	N.D.	1	5	1
10335	2,2-Dichloropropane	594-20-7	N.D.	1	5	1
10335	1,1-Dichloropropene	563-58-6	N.D.	1	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.	1	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.	1	5	1
10335	Ethanol	64-17-5	N.D.	50	250	1
10335	Ethyl t-butyl ether	637-92-3	N.D.	0.5	4	1
10335	Ethylbenzene	100-41-4	N.D.	0.5	4	1
10335	Freon 113	76-13-1	N.D.	2	10	1
10335	Hexachlorobutadiene	87-68-3	N.D.	2	5	1
10335	2-Hexanone	591-78-6	N.D.	3	10	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: MW-03-W-121210 NA Water
Facility# 98721 WPBP
9971 Adams-Huntington Beac T0605900904 MW-03

LLI Sample # WW 6891862
LLI Group # 1355710
Account # 11908

Project Name: CVX 9-8721

Collected: 12/10/2012 10:14 by JG

Submitted: 12/12/2012 09:25
Reported: 12/21/2012 19:02

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145 S. State College Blvd.
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AHB03

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	ug/l	
10335	di-Isopropyl ether	108-20-3	N.D.	0.5	4	1
10335	Isopropylbenzene	98-82-8	N.D.	1	5	1
10335	p-Isopropyltoluene	99-87-6	N.D.	1	5	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	4	1
10335	4-Methyl-2-pentanone	108-10-1	N.D.	3	10	1
10335	Methylene Chloride	75-09-2	N.D.	2	5	1
10335	Naphthalene	91-20-3	N.D.	1	5	1
10335	n-Propylbenzene	103-65-1	N.D.	1	5	1
10335	Styrene	100-42-5	N.D.	1	5	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1	5	1
10335	Tetrachloroethene	127-18-4	N.D.	0.8	5	1
10335	Toluene	108-88-3	N.D.	0.5	4	1
10335	1,2,3-Trichlorobenzene	87-61-6	N.D.	1	5	1
10335	1,2,4-Trichlorobenzene	120-82-1	N.D.	1	5	1
10335	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	5	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	5	1
10335	Trichloroethene	79-01-6	N.D.	1	5	1
10335	Trichlorofluoromethane	75-69-4	N.D.	2	5	1
10335	1,2,3-Trichloropropane	96-18-4	N.D.	1	5	1
10335	1,2,4-Trimethylbenzene	95-63-6	N.D.	1	5	1
10335	1,3,5-Trimethylbenzene	108-67-8	N.D.	1	5	1
10335	Vinyl Chloride	75-01-4	N.D.	1	5	1
10335	m+p-Xylene	n.a.	N.D.	0.5	4	1
10335	o-Xylene	95-47-6	N.D.	0.5	4	1

General Sample Comments

State of California Lab Certification No. 2501

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Full w/ Sep Xylenes & GRO	SW-846 8260B	1	W123521AA	12/17/2012 17:59	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W123521AA	12/17/2012 17:59	Emily R Styer	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: MW-04-W-121210 NA Water
Facility# 98721 WPBP
9971 Adams-Huntington Beac T0605900904 MW-04

LLI Sample # WW 6891863
LLI Group # 1355710
Account # 11908

Project Name: CVX 9-8721

Collected: 12/10/2012 10:43 by JG

Submitted: 12/12/2012 09:25
Reported: 12/21/2012 19:02

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AHB04

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	**ug/l**	
10335	Acetone	67-64-1	N.D.	6	20	1
10335	t-Amyl methyl ether	994-05-8	N.D.	0.5	4	1
10335	Benzene	71-43-2	N.D.	0.5	4	1
10335	Bromobenzene	108-86-1	N.D.	1	5	1
10335	Bromochloromethane	74-97-5	N.D.	1	5	1
10335	Bromodichloromethane	75-27-4	N.D.	1	5	1
10335	Bromoform	75-25-2	N.D.	1	5	1
10335	Bromomethane	74-83-9	N.D.	1	5	1
10335	2-Butanone	78-93-3	N.D.	3	10	1
10335	t-Butyl alcohol	75-65-0	N.D.	5	80	1
10335	n-Butylbenzene	104-51-8	N.D.	1	5	1
10335	sec-Butylbenzene	135-98-8	N.D.	1	5	1
10335	tert-Butylbenzene	98-06-6	N.D.	1	5	1
10335	C4-C12-TPH-GRO	n.a.	79	22	50	1
10335	Carbon Disulfide	75-15-0	N.D.	1	5	1
10335	Carbon Tetrachloride	56-23-5	N.D.	1	5	1
10335	Chlorobenzene	108-90-7	N.D.	0.8	5	1
10335	Chloroethane	75-00-3	N.D.	1	5	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.					
10335	Chloroform	67-66-3	N.D.	0.8	5	1
10335	Chloromethane	74-87-3	N.D.	1	5	1
10335	2-Chlorotoluene	95-49-8	N.D.	1	5	1
10335	4-Chlorotoluene	106-43-4	N.D.	1	5	1
10335	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	2	5	1
10335	Dibromochloromethane	124-48-1	N.D.	1	5	1
10335	1,2-Dibromoethane	106-93-4	N.D.	0.5	4	1
10335	Dibromomethane	74-95-3	N.D.	1	5	1
10335	1,2-Dichlorobenzene	95-50-1	N.D.	1	5	1
10335	1,3-Dichlorobenzene	541-73-1	N.D.	1	5	1
10335	1,4-Dichlorobenzene	106-46-7	N.D.	1	5	1
10335	Dichlorodifluoromethane	75-71-8	N.D.	2	5	1
10335	1,1-Dichloroethane	75-34-3	N.D.	1	5	1
10335	1,2-Dichloroethane	107-06-2	N.D.	0.5	4	1
10335	1,1-Dichloroethene	75-35-4	N.D.	0.8	5	1
10335	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	5	1
10335	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	5	1
10335	1,2-Dichloropropane	78-87-5	N.D.	1	5	1
10335	1,3-Dichloropropane	142-28-9	N.D.	1	5	1
10335	2,2-Dichloropropane	594-20-7	N.D.	1	5	1
10335	1,1-Dichloropropene	563-58-6	N.D.	1	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.	1	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.	1	5	1
10335	Ethanol	64-17-5	N.D.	50	250	1
10335	Ethyl t-butyl ether	637-92-3	N.D.	0.5	4	1
10335	Ethylbenzene	100-41-4	N.D.	0.5	4	1
10335	Freon 113	76-13-1	N.D.	2	10	1
10335	Hexachlorobutadiene	87-68-3	N.D.	2	5	1
10335	2-Hexanone	591-78-6	N.D.	3	10	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: MW-04-W-121210 NA Water
Facility# 98721 WPBP
9971 Adams-Huntington Beac T0605900904 MW-04

LLI Sample # WW 6891863
LLI Group # 1355710
Account # 11908

Project Name: CVX 9-8721

Collected: 12/10/2012 10:43 by JG

Submitted: 12/12/2012 09:25
Reported: 12/21/2012 19:02

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AHB04

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l		ug/l	ug/l	
10335	di-Isopropyl ether	108-20-3	0.9	J	0.5	4	1
10335	Isopropylbenzene	98-82-8	2	J	1	5	1
10335	p-Isopropyltoluene	99-87-6	N.D.		1	5	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	N.D.		0.5	4	1
10335	4-Methyl-2-pentanone	108-10-1	N.D.		3	10	1
10335	Methylene Chloride	75-09-2	N.D.		2	5	1
10335	Naphthalene	91-20-3	1	J	1	5	1
10335	n-Propylbenzene	103-65-1	3	J	1	5	1
10335	Styrene	100-42-5	N.D.		1	5	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		1	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1	5	1
10335	Tetrachloroethene	127-18-4	N.D.		0.8	5	1
10335	Toluene	108-88-3	N.D.		0.5	4	1
10335	1,2,3-Trichlorobenzene	87-61-6	N.D.		1	5	1
10335	1,2,4-Trichlorobenzene	120-82-1	N.D.		1	5	1
10335	1,1,1-Trichloroethane	71-55-6	N.D.		0.8	5	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.		0.8	5	1
10335	Trichloroethene	79-01-6	N.D.		1	5	1
10335	Trichlorofluoromethane	75-69-4	N.D.		2	5	1
10335	1,2,3-Trichloropropane	96-18-4	N.D.		1	5	1
10335	1,2,4-Trimethylbenzene	95-63-6	N.D.		1	5	1
10335	1,3,5-Trimethylbenzene	108-67-8	N.D.		1	5	1
10335	Vinyl Chloride	75-01-4	N.D.		1	5	1
10335	m+p-Xylene	n.a.	N.D.		0.5	4	1
10335	o-Xylene	95-47-6	N.D.		0.5	4	1

General Sample Comments

State of California Lab Certification No. 2501

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Full w/ Sep Xylenes & GRO	SW-846 8260B	1	W123521AA	12/17/2012 18:23	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W123521AA	12/17/2012 18:23	Emily R Styer	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: MW-05-W-121210 NA Water
Facility# 98721 WPBP
9971 Adams-Huntington Beac T0605900904 MW-05

LLI Sample # WW 6891864
LLI Group # 1355710
Account # 11908

Project Name: CVX 9-8721

Collected: 12/10/2012 10:32 by JG

Submitted: 12/12/2012 09:25
Reported: 12/21/2012 19:02

Chevron
145 S. State College Blvd.
Brea CA 92822

AHB05

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	**ug/l**	
10335	Acetone	67-64-1	N.D.	6	20	1
10335	t-Amyl methyl ether	994-05-8	N.D.	0.5	4	1
10335	Benzene	71-43-2	N.D.	0.5	4	1
10335	Bromobenzene	108-86-1	N.D.	1	5	1
10335	Bromochloromethane	74-97-5	N.D.	1	5	1
10335	Bromodichloromethane	75-27-4	N.D.	1	5	1
10335	Bromoform	75-25-2	N.D.	1	5	1
10335	Bromomethane	74-83-9	N.D.	1	5	1
10335	2-Butanone	78-93-3	N.D.	3	10	1
10335	t-Butyl alcohol	75-65-0	N.D.	5	80	1
10335	n-Butylbenzene	104-51-8	N.D.	1	5	1
10335	sec-Butylbenzene	135-98-8	N.D.	1	5	1
10335	tert-Butylbenzene	98-06-6	N.D.	1	5	1
10335	C4-C12-TPH-GRO	n.a.	N.D.	22	50	1
10335	Carbon Disulfide	75-15-0	N.D.	1	5	1
10335	Carbon Tetrachloride	56-23-5	N.D.	1	5	1
10335	Chlorobenzene	108-90-7	N.D.	0.8	5	1
10335	Chloroethane	75-00-3	N.D.	1	5	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.					
10335	Chloroform	67-66-3	N.D.	0.8	5	1
10335	Chloromethane	74-87-3	N.D.	1	5	1
10335	2-Chlorotoluene	95-49-8	N.D.	1	5	1
10335	4-Chlorotoluene	106-43-4	N.D.	1	5	1
10335	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	2	5	1
10335	Dibromochloromethane	124-48-1	N.D.	1	5	1
10335	1,2-Dibromoethane	106-93-4	N.D.	0.5	4	1
10335	Dibromomethane	74-95-3	N.D.	1	5	1
10335	1,2-Dichlorobenzene	95-50-1	N.D.	1	5	1
10335	1,3-Dichlorobenzene	541-73-1	N.D.	1	5	1
10335	1,4-Dichlorobenzene	106-46-7	N.D.	1	5	1
10335	Dichlorodifluoromethane	75-71-8	N.D.	2	5	1
10335	1,1-Dichloroethane	75-34-3	N.D.	1	5	1
10335	1,2-Dichloroethane	107-06-2	N.D.	0.5	4	1
10335	1,1-Dichloroethene	75-35-4	N.D.	0.8	5	1
10335	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	5	1
10335	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	5	1
10335	1,2-Dichloropropane	78-87-5	N.D.	1	5	1
10335	1,3-Dichloropropane	142-28-9	N.D.	1	5	1
10335	2,2-Dichloropropane	594-20-7	N.D.	1	5	1
10335	1,1-Dichloropropene	563-58-6	N.D.	1	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.	1	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.	1	5	1
10335	Ethanol	64-17-5	N.D.	50	250	1
10335	Ethyl t-butyl ether	637-92-3	N.D.	0.5	4	1
10335	Ethylbenzene	100-41-4	N.D.	0.5	4	1
10335	Freon 113	76-13-1	N.D.	2	10	1
10335	Hexachlorobutadiene	87-68-3	N.D.	2	5	1
10335	2-Hexanone	591-78-6	N.D.	3	10	1

*=This limit was used in the evaluation of the final result

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Analysis Report

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Sample Description: MW-05-W-121210 NA Water
Facility# 98721 WPBP
9971 Adams-Huntington Beac T0605900904 MW-05

LLI Sample # WW 6891864
LLI Group # 1355710
Account # 11908

Project Name: CVX 9-8721

Collected: 12/10/2012 10:32 by JG

Submitted: 12/12/2012 09:25
Reported: 12/21/2012 19:02

Chevron
145 S. State College Blvd.
Brea CA 92822

AHB05

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	ug/l	
10335	di-Isopropyl ether	108-20-3	N.D.	0.5	4	1
10335	Isopropylbenzene	98-82-8	N.D.	1	5	1
10335	p-Isopropyltoluene	99-87-6	N.D.	1	5	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	4	1
10335	4-Methyl-2-pentanone	108-10-1	N.D.	3	10	1
10335	Methylene Chloride	75-09-2	N.D.	2	5	1
10335	Naphthalene	91-20-3	N.D.	1	5	1
10335	n-Propylbenzene	103-65-1	N.D.	1	5	1
10335	Styrene	100-42-5	N.D.	1	5	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1	5	1
10335	Tetrachloroethene	127-18-4	N.D.	0.8	5	1
10335	Toluene	108-88-3	N.D.	0.5	4	1
10335	1,2,3-Trichlorobenzene	87-61-6	N.D.	1	5	1
10335	1,2,4-Trichlorobenzene	120-82-1	N.D.	1	5	1
10335	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	5	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	5	1
10335	Trichloroethene	79-01-6	N.D.	1	5	1
10335	Trichlorofluoromethane	75-69-4	N.D.	2	5	1
10335	1,2,3-Trichloropropane	96-18-4	N.D.	1	5	1
10335	1,2,4-Trimethylbenzene	95-63-6	N.D.	1	5	1
10335	1,3,5-Trimethylbenzene	108-67-8	N.D.	1	5	1
10335	Vinyl Chloride	75-01-4	N.D.	1	5	1
10335	m+p-Xylene	n.a.	N.D.	0.5	4	1
10335	o-Xylene	95-47-6	N.D.	0.5	4	1

General Sample Comments

State of California Lab Certification No. 2501

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Full w/ Sep Xylenes & GRO	SW-846 8260B	1	W123521AA	12/17/2012 18:47	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W123521AA	12/17/2012 18:47	Emily R Styer	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: MW-06-W-121210 NA Water
Facility# 98721 WPBP
9971 Adams-Huntington Beac T0605900904 MW-06

LLI Sample # WW 6891865
LLI Group # 1355710
Account # 11908

Project Name: CVX 9-8721

Collected: 12/10/2012 09:00 by JG

Submitted: 12/12/2012 09:25
Reported: 12/21/2012 19:02

Chevron
145 S. State College Blvd.
Brea CA 92822

AHB06

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	**ug/l**	
10335	Acetone	67-64-1	N.D.	6	20	1
10335	t-Amyl methyl ether	994-05-8	N.D.	0.5	4	1
10335	Benzene	71-43-2	N.D.	0.5	4	1
10335	Bromobenzene	108-86-1	N.D.	1	5	1
10335	Bromochloromethane	74-97-5	N.D.	1	5	1
10335	Bromodichloromethane	75-27-4	N.D.	1	5	1
10335	Bromoform	75-25-2	N.D.	1	5	1
10335	Bromomethane	74-83-9	N.D.	1	5	1
10335	2-Butanone	78-93-3	N.D.	3	10	1
10335	t-Butyl alcohol	75-65-0	N.D.	5	80	1
10335	n-Butylbenzene	104-51-8	N.D.	1	5	1
10335	sec-Butylbenzene	135-98-8	N.D.	1	5	1
10335	tert-Butylbenzene	98-06-6	N.D.	1	5	1
10335	C4-C12-TPH-GRO	n.a.	230	22	50	1
10335	Carbon Disulfide	75-15-0	N.D.	1	5	1
10335	Carbon Tetrachloride	56-23-5	N.D.	1	5	1
10335	Chlorobenzene	108-90-7	N.D.	0.8	5	1
10335	Chloroethane	75-00-3	N.D.	1	5	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.					
10335	Chloroform	67-66-3	N.D.	0.8	5	1
10335	Chloromethane	74-87-3	N.D.	1	5	1
10335	2-Chlorotoluene	95-49-8	N.D.	1	5	1
10335	4-Chlorotoluene	106-43-4	N.D.	1	5	1
10335	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	2	5	1
10335	Dibromochloromethane	124-48-1	N.D.	1	5	1
10335	1,2-Dibromoethane	106-93-4	N.D.	0.5	4	1
10335	Dibromomethane	74-95-3	N.D.	1	5	1
10335	1,2-Dichlorobenzene	95-50-1	N.D.	1	5	1
10335	1,3-Dichlorobenzene	541-73-1	N.D.	1	5	1
10335	1,4-Dichlorobenzene	106-46-7	N.D.	1	5	1
10335	Dichlorodifluoromethane	75-71-8	N.D.	2	5	1
10335	1,1-Dichloroethane	75-34-3	N.D.	1	5	1
10335	1,2-Dichloroethane	107-06-2	N.D.	0.5	4	1
10335	1,1-Dichloroethene	75-35-4	N.D.	0.8	5	1
10335	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	5	1
10335	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	5	1
10335	1,2-Dichloropropane	78-87-5	N.D.	1	5	1
10335	1,3-Dichloropropane	142-28-9	N.D.	1	5	1
10335	2,2-Dichloropropane	594-20-7	N.D.	1	5	1
10335	1,1-Dichloropropene	563-58-6	N.D.	1	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.	1	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.	1	5	1
10335	Ethanol	64-17-5	N.D.	50	250	1
10335	Ethyl t-butyl ether	637-92-3	N.D.	0.5	4	1
10335	Ethylbenzene	100-41-4	N.D.	0.5	4	1
10335	Freon 113	76-13-1	N.D.	2	10	1
10335	Hexachlorobutadiene	87-68-3	N.D.	2	5	1
10335	2-Hexanone	591-78-6	N.D.	3	10	1

*=This limit was used in the evaluation of the final result

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Analysis Report

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Sample Description: MW-06-W-121210 NA Water
Facility# 98721 WPBP
9971 Adams-Huntington Beac T0605900904 MW-06

LLI Sample # WW 6891865
LLI Group # 1355710
Account # 11908

Project Name: CVX 9-8721

Collected: 12/10/2012 09:00 by JG

Submitted: 12/12/2012 09:25
Reported: 12/21/2012 19:02

Chevron
145 S. State College Blvd.
Brea CA 92822

AHB06

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	ug/l	
10335	di-Isopropyl ether	108-20-3	N.D.	0.5	4	1
10335	Isopropylbenzene	98-82-8	N.D.	1	5	1
10335	p-Isopropyltoluene	99-87-6	N.D.	1	5	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	4	1
10335	4-Methyl-2-pentanone	108-10-1	N.D.	3	10	1
10335	Methylene Chloride	75-09-2	N.D.	2	5	1
10335	Naphthalene	91-20-3	N.D.	1	5	1
10335	n-Propylbenzene	103-65-1	N.D.	1	5	1
10335	Styrene	100-42-5	N.D.	1	5	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1	5	1
10335	Tetrachloroethene	127-18-4	N.D.	0.8	5	1
10335	Toluene	108-88-3	N.D.	0.5	4	1
10335	1,2,3-Trichlorobenzene	87-61-6	N.D.	1	5	1
10335	1,2,4-Trichlorobenzene	120-82-1	N.D.	1	5	1
10335	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	5	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	5	1
10335	Trichloroethene	79-01-6	N.D.	1	5	1
10335	Trichlorofluoromethane	75-69-4	N.D.	2	5	1
10335	1,2,3-Trichloropropane	96-18-4	N.D.	1	5	1
10335	1,2,4-Trimethylbenzene	95-63-6	N.D.	1	5	1
10335	1,3,5-Trimethylbenzene	108-67-8	N.D.	1	5	1
10335	Vinyl Chloride	75-01-4	N.D.	1	5	1
10335	m+p-Xylene	n.a.	N.D.	0.5	4	1
10335	o-Xylene	95-47-6	N.D.	0.5	4	1

General Sample Comments

State of California Lab Certification No. 2501

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Full w/ Sep Xylenes & GRO	SW-846 8260B	1	W123521AA	12/17/2012 19:11	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W123521AA	12/17/2012 19:11	Emily R Styer	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: MW-07-W-121210 NA Water
Facility# 98721 WPBP
9971 Adams-Huntington Beac T0605900904 MW-07

LLI Sample # WW 6891866
LLI Group # 1355710
Account # 11908

Project Name: CVX 9-8721

Collected: 12/10/2012 09:11 by JG

Submitted: 12/12/2012 09:25
Reported: 12/21/2012 19:02

Chevron
145 S. State College Blvd.
Brea CA 92822

AHB07

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	**ug/l**	
10335	Acetone	67-64-1	N.D.	6	20	1
10335	t-Amyl methyl ether	994-05-8	N.D.	0.5	4	1
10335	Benzene	71-43-2	N.D.	0.5	4	1
10335	Bromobenzene	108-86-1	N.D.	1	5	1
10335	Bromochloromethane	74-97-5	N.D.	1	5	1
10335	Bromodichloromethane	75-27-4	N.D.	1	5	1
10335	Bromoform	75-25-2	N.D.	1	5	1
10335	Bromomethane	74-83-9	N.D.	1	5	1
10335	2-Butanone	78-93-3	N.D.	3	10	1
10335	t-Butyl alcohol	75-65-0	N.D.	5	80	1
10335	n-Butylbenzene	104-51-8	N.D.	1	5	1
10335	sec-Butylbenzene	135-98-8	N.D.	1	5	1
10335	tert-Butylbenzene	98-06-6	N.D.	1	5	1
10335	C4-C12-TPH-GRO	n.a.	67	22	50	1
10335	Carbon Disulfide	75-15-0	N.D.	1	5	1
10335	Carbon Tetrachloride	56-23-5	N.D.	1	5	1
10335	Chlorobenzene	108-90-7	N.D.	0.8	5	1
10335	Chloroethane	75-00-3	N.D.	1	5	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.					
10335	Chloroform	67-66-3	N.D.	0.8	5	1
10335	Chloromethane	74-87-3	N.D.	1	5	1
10335	2-Chlorotoluene	95-49-8	N.D.	1	5	1
10335	4-Chlorotoluene	106-43-4	N.D.	1	5	1
10335	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	2	5	1
10335	Dibromochloromethane	124-48-1	N.D.	1	5	1
10335	1,2-Dibromoethane	106-93-4	N.D.	0.5	4	1
10335	Dibromomethane	74-95-3	N.D.	1	5	1
10335	1,2-Dichlorobenzene	95-50-1	N.D.	1	5	1
10335	1,3-Dichlorobenzene	541-73-1	N.D.	1	5	1
10335	1,4-Dichlorobenzene	106-46-7	N.D.	1	5	1
10335	Dichlorodifluoromethane	75-71-8	N.D.	2	5	1
10335	1,1-Dichloroethane	75-34-3	N.D.	1	5	1
10335	1,2-Dichloroethane	107-06-2	N.D.	0.5	4	1
10335	1,1-Dichloroethene	75-35-4	N.D.	0.8	5	1
10335	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	5	1
10335	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	5	1
10335	1,2-Dichloropropane	78-87-5	N.D.	1	5	1
10335	1,3-Dichloropropane	142-28-9	N.D.	1	5	1
10335	2,2-Dichloropropane	594-20-7	N.D.	1	5	1
10335	1,1-Dichloropropene	563-58-6	N.D.	1	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.	1	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.	1	5	1
10335	Ethanol	64-17-5	N.D.	50	250	1
10335	Ethyl t-butyl ether	637-92-3	N.D.	0.5	4	1
10335	Ethylbenzene	100-41-4	N.D.	0.5	4	1
10335	Freon 113	76-13-1	N.D.	2	10	1
10335	Hexachlorobutadiene	87-68-3	N.D.	2	5	1
10335	2-Hexanone	591-78-6	N.D.	3	10	1

*=This limit was used in the evaluation of the final result

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Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Sample Description: MW-07-W-121210 NA Water
Facility# 98721 WPBP
9971 Adams-Huntington Beac T0605900904 MW-07

LLI Sample # WW 6891866
LLI Group # 1355710
Account # 11908

Project Name: CVX 9-8721

Collected: 12/10/2012 09:11 by JG

Submitted: 12/12/2012 09:25
Reported: 12/21/2012 19:02

Chevron
145 S. State College Blvd.
Brea CA 92822

AHB07

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	ug/l	
10335	di-Isopropyl ether	108-20-3	N.D.	0.5	4	1
10335	Isopropylbenzene	98-82-8	N.D.	1	5	1
10335	p-Isopropyltoluene	99-87-6	N.D.	1	5	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	4	1
10335	4-Methyl-2-pentanone	108-10-1	N.D.	3	10	1
10335	Methylene Chloride	75-09-2	N.D.	2	5	1
10335	Naphthalene	91-20-3	N.D.	1	5	1
10335	n-Propylbenzene	103-65-1	N.D.	1	5	1
10335	Styrene	100-42-5	N.D.	1	5	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1	5	1
10335	Tetrachloroethene	127-18-4	N.D.	0.8	5	1
10335	Toluene	108-88-3	N.D.	0.5	4	1
10335	1,2,3-Trichlorobenzene	87-61-6	N.D.	1	5	1
10335	1,2,4-Trichlorobenzene	120-82-1	N.D.	1	5	1
10335	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	5	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	5	1
10335	Trichloroethene	79-01-6	N.D.	1	5	1
10335	Trichlorofluoromethane	75-69-4	N.D.	2	5	1
10335	1,2,3-Trichloropropane	96-18-4	N.D.	1	5	1
10335	1,2,4-Trimethylbenzene	95-63-6	N.D.	1	5	1
10335	1,3,5-Trimethylbenzene	108-67-8	N.D.	1	5	1
10335	Vinyl Chloride	75-01-4	N.D.	1	5	1
10335	m+p-Xylene	n.a.	N.D.	0.5	4	1
10335	o-Xylene	95-47-6	N.D.	0.5	4	1

General Sample Comments

State of California Lab Certification No. 2501

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Full w/ Sep Xylenes & GRO	SW-846 8260B	1	W123521AA	12/17/2012 19:35	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W123521AA	12/17/2012 19:35	Emily R Styer	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: MW-08-W-121210 NA Water
Facility# 98721 WPBP
9971 Adams-Huntington Beac T0605900904 MW-08

LLI Sample # WW 6891867
LLI Group # 1355710
Account # 11908

Project Name: CVX 9-8721

Collected: 12/10/2012 08:35 by JG

Submitted: 12/12/2012 09:25
Reported: 12/21/2012 19:02

Chevron
145 S. State College Blvd.
Brea CA 92822

AHB08

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	**ug/l**	
10335	Acetone	67-64-1	N.D.	6	20	1
10335	t-Amyl methyl ether	994-05-8	N.D.	0.5	4	1
10335	Benzene	71-43-2	N.D.	0.5	4	1
10335	Bromobenzene	108-86-1	N.D.	1	5	1
10335	Bromochloromethane	74-97-5	N.D.	1	5	1
10335	Bromodichloromethane	75-27-4	N.D.	1	5	1
10335	Bromoform	75-25-2	N.D.	1	5	1
10335	Bromomethane	74-83-9	N.D.	1	5	1
10335	2-Butanone	78-93-3	N.D.	3	10	1
10335	t-Butyl alcohol	75-65-0	N.D.	5	80	1
10335	n-Butylbenzene	104-51-8	N.D.	1	5	1
10335	sec-Butylbenzene	135-98-8	N.D.	1	5	1
10335	tert-Butylbenzene	98-06-6	N.D.	1	5	1
10335	C4-C12-TPH-GRO	n.a.	N.D.	22	50	1
10335	Carbon Disulfide	75-15-0	N.D.	1	5	1
10335	Carbon Tetrachloride	56-23-5	N.D.	1	5	1
10335	Chlorobenzene	108-90-7	N.D.	0.8	5	1
10335	Chloroethane	75-00-3	N.D.	1	5	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.					
10335	Chloroform	67-66-3	N.D.	0.8	5	1
10335	Chloromethane	74-87-3	N.D.	1	5	1
10335	2-Chlorotoluene	95-49-8	N.D.	1	5	1
10335	4-Chlorotoluene	106-43-4	N.D.	1	5	1
10335	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	2	5	1
10335	Dibromochloromethane	124-48-1	N.D.	1	5	1
10335	1,2-Dibromoethane	106-93-4	N.D.	0.5	4	1
10335	Dibromomethane	74-95-3	N.D.	1	5	1
10335	1,2-Dichlorobenzene	95-50-1	N.D.	1	5	1
10335	1,3-Dichlorobenzene	541-73-1	N.D.	1	5	1
10335	1,4-Dichlorobenzene	106-46-7	N.D.	1	5	1
10335	Dichlorodifluoromethane	75-71-8	N.D.	2	5	1
10335	1,1-Dichloroethane	75-34-3	N.D.	1	5	1
10335	1,2-Dichloroethane	107-06-2	N.D.	0.5	4	1
10335	1,1-Dichloroethene	75-35-4	N.D.	0.8	5	1
10335	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	5	1
10335	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	5	1
10335	1,2-Dichloropropane	78-87-5	N.D.	1	5	1
10335	1,3-Dichloropropane	142-28-9	N.D.	1	5	1
10335	2,2-Dichloropropane	594-20-7	N.D.	1	5	1
10335	1,1-Dichloropropene	563-58-6	N.D.	1	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.	1	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.	1	5	1
10335	Ethanol	64-17-5	N.D.	50	250	1
10335	Ethyl t-butyl ether	637-92-3	N.D.	0.5	4	1
10335	Ethylbenzene	100-41-4	N.D.	0.5	4	1
10335	Freon 113	76-13-1	N.D.	2	10	1
10335	Hexachlorobutadiene	87-68-3	N.D.	2	5	1
10335	2-Hexanone	591-78-6	N.D.	3	10	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: MW-08-W-121210 NA Water
Facility# 98721 WPBP
9971 Adams-Huntington Beac T0605900904 MW-08

LLI Sample # WW 6891867
LLI Group # 1355710
Account # 11908

Project Name: CVX 9-8721

Collected: 12/10/2012 08:35 by JG

Submitted: 12/12/2012 09:25
Reported: 12/21/2012 19:02

Chevron
145 S. State College Blvd.
Brea CA 92822

AHB08

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	ug/l	
10335	di-Isopropyl ether	108-20-3	N.D.	0.5	4	1
10335	Isopropylbenzene	98-82-8	N.D.	1	5	1
10335	p-Isopropyltoluene	99-87-6	N.D.	1	5	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	4	1
10335	4-Methyl-2-pentanone	108-10-1	N.D.	3	10	1
10335	Methylene Chloride	75-09-2	N.D.	2	5	1
10335	Naphthalene	91-20-3	N.D.	1	5	1
10335	n-Propylbenzene	103-65-1	N.D.	1	5	1
10335	Styrene	100-42-5	N.D.	1	5	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1	5	1
10335	Tetrachloroethene	127-18-4	N.D.	0.8	5	1
10335	Toluene	108-88-3	N.D.	0.5	4	1
10335	1,2,3-Trichlorobenzene	87-61-6	N.D.	1	5	1
10335	1,2,4-Trichlorobenzene	120-82-1	N.D.	1	5	1
10335	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	5	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	5	1
10335	Trichloroethene	79-01-6	N.D.	1	5	1
10335	Trichlorofluoromethane	75-69-4	N.D.	2	5	1
10335	1,2,3-Trichloropropane	96-18-4	N.D.	1	5	1
10335	1,2,4-Trimethylbenzene	95-63-6	N.D.	1	5	1
10335	1,3,5-Trimethylbenzene	108-67-8	N.D.	1	5	1
10335	Vinyl Chloride	75-01-4	N.D.	1	5	1
10335	m+p-Xylene	n.a.	N.D.	0.5	4	1
10335	o-Xylene	95-47-6	N.D.	0.5	4	1

General Sample Comments

State of California Lab Certification No. 2501

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Full w/ Sep Xylenes & GRO	SW-846 8260B	1	W123521AA	12/17/2012 19:59	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W123521AA	12/17/2012 19:59	Emily R Styer	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: TPE-1B-W-121210 NA Water
Facility# 98721 WPBP
9971 Adams-Huntington Beac T0605900904 TPE-1B

LLI Sample # WW 6891868
LLI Group # 1355710
Account # 11908

Project Name: CVX 9-8721

Collected: 12/10/2012 10:05 by JG

Submitted: 12/12/2012 09:25
Reported: 12/21/2012 19:02

Chevron
145 S. State College Blvd.
Brea CA 92822

AHB1B

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**		**ug/l**	**ug/l**	
10335	Acetone	67-64-1	N.D.		6	20	1
10335	t-Amyl methyl ether	994-05-8	N.D.		0.5	4	1
10335	Benzene	71-43-2	0.7	J	0.5	4	1
10335	Bromobenzene	108-86-1	N.D.		1	5	1
10335	Bromochloromethane	74-97-5	N.D.		1	5	1
10335	Bromodichloromethane	75-27-4	N.D.		1	5	1
10335	Bromoform	75-25-2	N.D.		1	5	1
10335	Bromomethane	74-83-9	N.D.		1	5	1
10335	2-Butanone	78-93-3	N.D.		3	10	1
10335	t-Butyl alcohol	75-65-0	N.D.		5	80	1
10335	n-Butylbenzene	104-51-8	N.D.		1	5	1
10335	sec-Butylbenzene	135-98-8	N.D.		1	5	1
10335	tert-Butylbenzene	98-06-6	N.D.		1	5	1
10335	C4-C12-TPH-GRO	n.a.	22	J	22	50	1
10335	Carbon Disulfide	75-15-0	N.D.		1	5	1
10335	Carbon Tetrachloride	56-23-5	N.D.		1	5	1
10335	Chlorobenzene	108-90-7	N.D.		0.8	5	1
10335	Chloroethane	75-00-3	N.D.		1	5	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	N.D.		2	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.						
10335	Chloroform	67-66-3	N.D.		0.8	5	1
10335	Chloromethane	74-87-3	N.D.		1	5	1
10335	2-Chlorotoluene	95-49-8	N.D.		1	5	1
10335	4-Chlorotoluene	106-43-4	N.D.		1	5	1
10335	1,2-Dibromo-3-chloropropane	96-12-8	N.D.		2	5	1
10335	Dibromochloromethane	124-48-1	N.D.		1	5	1
10335	1,2-Dibromoethane	106-93-4	N.D.		0.5	4	1
10335	Dibromomethane	74-95-3	N.D.		1	5	1
10335	1,2-Dichlorobenzene	95-50-1	N.D.		1	5	1
10335	1,3-Dichlorobenzene	541-73-1	N.D.		1	5	1
10335	1,4-Dichlorobenzene	106-46-7	N.D.		1	5	1
10335	Dichlorodifluoromethane	75-71-8	N.D.		2	5	1
10335	1,1-Dichloroethane	75-34-3	N.D.		1	5	1
10335	1,2-Dichloroethane	107-06-2	N.D.		0.5	4	1
10335	1,1-Dichloroethene	75-35-4	N.D.		0.8	5	1
10335	cis-1,2-Dichloroethene	156-59-2	N.D.		0.8	5	1
10335	trans-1,2-Dichloroethene	156-60-5	N.D.		0.8	5	1
10335	1,2-Dichloropropane	78-87-5	N.D.		1	5	1
10335	1,3-Dichloropropane	142-28-9	N.D.		1	5	1
10335	2,2-Dichloropropane	594-20-7	N.D.		1	5	1
10335	1,1-Dichloropropene	563-58-6	N.D.		1	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.		1	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.		1	5	1
10335	Ethanol	64-17-5	N.D.		50	250	1
10335	Ethyl t-butyl ether	637-92-3	N.D.		0.5	4	1
10335	Ethylbenzene	100-41-4	N.D.		0.5	4	1
10335	Freon 113	76-13-1	N.D.		2	10	1
10335	Hexachlorobutadiene	87-68-3	N.D.		2	5	1
10335	2-Hexanone	591-78-6	N.D.		3	10	1

*=This limit was used in the evaluation of the final result

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Analysis Report

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Sample Description: TPE-1B-W-121210 NA Water
Facility# 98721 WPBP
9971 Adams-Huntington Beac T0605900904 TPE-1B

LLI Sample # WW 6891868
LLI Group # 1355710
Account # 11908

Project Name: CVX 9-8721

Collected: 12/10/2012 10:05 by JG

Submitted: 12/12/2012 09:25
Reported: 12/21/2012 19:02

Chevron
145 S. State College Blvd.
Brea CA 92822

AHB1B

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	ug/l	
10335	di-Isopropyl ether	108-20-3	N.D.	0.5	4	1
10335	Isopropylbenzene	98-82-8	N.D.	1	5	1
10335	p-Isopropyltoluene	99-87-6	N.D.	1	5	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	4	1
10335	4-Methyl-2-pentanone	108-10-1	N.D.	3	10	1
10335	Methylene Chloride	75-09-2	N.D.	2	5	1
10335	Naphthalene	91-20-3	N.D.	1	5	1
10335	n-Propylbenzene	103-65-1	N.D.	1	5	1
10335	Styrene	100-42-5	N.D.	1	5	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1	5	1
10335	Tetrachloroethene	127-18-4	N.D.	0.8	5	1
10335	Toluene	108-88-3	N.D.	0.5	4	1
10335	1,2,3-Trichlorobenzene	87-61-6	N.D.	1	5	1
10335	1,2,4-Trichlorobenzene	120-82-1	N.D.	1	5	1
10335	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	5	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	5	1
10335	Trichloroethene	79-01-6	N.D.	1	5	1
10335	Trichlorofluoromethane	75-69-4	N.D.	2	5	1
10335	1,2,3-Trichloropropane	96-18-4	N.D.	1	5	1
10335	1,2,4-Trimethylbenzene	95-63-6	N.D.	1	5	1
10335	1,3,5-Trimethylbenzene	108-67-8	N.D.	1	5	1
10335	Vinyl Chloride	75-01-4	N.D.	1	5	1
10335	m+p-Xylene	n.a.	N.D.	0.5	4	1
10335	o-Xylene	95-47-6	N.D.	0.5	4	1

General Sample Comments

State of California Lab Certification No. 2501

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Full w/ Sep Xylenes & GRO	SW-846 8260B	1	W123521AA	12/17/2012 20:23	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W123521AA	12/17/2012 20:23	Emily R Styer	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: TPE-2R-W-121210 NA Water
Facility# 98721 WPBP
9971 Adams-Huntington Beac T0605900904 TPE-2R

LLI Sample # WW 6891869
LLI Group # 1355710
Account # 11908

Project Name: CVX 9-8721

Collected: 12/10/2012 09:43 by JG

Submitted: 12/12/2012 09:25
Reported: 12/21/2012 19:02

Chevron
145 S. State College Blvd.
Brea CA 92822

AHB2R

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	**ug/l**	
10335	Acetone	67-64-1	9 J	6	20	1
10335	t-Amyl methyl ether	994-05-8	N.D.	0.5	4	1
10335	Benzene	71-43-2	N.D.	0.5	4	1
10335	Bromobenzene	108-86-1	N.D.	1	5	1
10335	Bromochloromethane	74-97-5	N.D.	1	5	1
10335	Bromodichloromethane	75-27-4	N.D.	1	5	1
10335	Bromoform	75-25-2	N.D.	1	5	1
10335	Bromomethane	74-83-9	N.D.	1	5	1
10335	2-Butanone	78-93-3	N.D.	3	10	1
10335	t-Butyl alcohol	75-65-0	N.D.	5	80	1
10335	n-Butylbenzene	104-51-8	N.D.	1	5	1
10335	sec-Butylbenzene	135-98-8	N.D.	1	5	1
10335	tert-Butylbenzene	98-06-6	N.D.	1	5	1
10335	C4-C12-TPH-GRO	n.a.	N.D.	22	50	1
10335	Carbon Disulfide	75-15-0	N.D.	1	5	1
10335	Carbon Tetrachloride	56-23-5	N.D.	1	5	1
10335	Chlorobenzene	108-90-7	N.D.	0.8	5	1
10335	Chloroethane	75-00-3	N.D.	1	5	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.					
10335	Chloroform	67-66-3	N.D.	0.8	5	1
10335	Chloromethane	74-87-3	N.D.	1	5	1
10335	2-Chlorotoluene	95-49-8	N.D.	1	5	1
10335	4-Chlorotoluene	106-43-4	N.D.	1	5	1
10335	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	2	5	1
10335	Dibromochloromethane	124-48-1	N.D.	1	5	1
10335	1,2-Dibromoethane	106-93-4	N.D.	0.5	4	1
10335	Dibromomethane	74-95-3	N.D.	1	5	1
10335	1,2-Dichlorobenzene	95-50-1	N.D.	1	5	1
10335	1,3-Dichlorobenzene	541-73-1	N.D.	1	5	1
10335	1,4-Dichlorobenzene	106-46-7	N.D.	1	5	1
10335	Dichlorodifluoromethane	75-71-8	N.D.	2	5	1
10335	1,1-Dichloroethane	75-34-3	N.D.	1	5	1
10335	1,2-Dichloroethane	107-06-2	N.D.	0.5	4	1
10335	1,1-Dichloroethene	75-35-4	N.D.	0.8	5	1
10335	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	5	1
10335	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	5	1
10335	1,2-Dichloropropane	78-87-5	N.D.	1	5	1
10335	1,3-Dichloropropane	142-28-9	N.D.	1	5	1
10335	2,2-Dichloropropane	594-20-7	N.D.	1	5	1
10335	1,1-Dichloropropene	563-58-6	N.D.	1	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.	1	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.	1	5	1
10335	Ethanol	64-17-5	N.D.	50	250	1
10335	Ethyl t-butyl ether	637-92-3	N.D.	0.5	4	1
10335	Ethylbenzene	100-41-4	N.D.	0.5	4	1
10335	Freon 113	76-13-1	N.D.	2	10	1
10335	Hexachlorobutadiene	87-68-3	N.D.	2	5	1
10335	2-Hexanone	591-78-6	N.D.	3	10	1

*=This limit was used in the evaluation of the final result

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2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Sample Description: TPE-2R-W-121210 NA Water
Facility# 98721 WPBP
9971 Adams-Huntington Beac T0605900904 TPE-2R

LLI Sample # WW 6891869
LLI Group # 1355710
Account # 11908

Project Name: CVX 9-8721

Collected: 12/10/2012 09:43 by JG

Submitted: 12/12/2012 09:25
Reported: 12/21/2012 19:02

Chevron
145 S. State College Blvd.
Brea CA 92822

AHB2R

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	ug/l	
10335	di-Isopropyl ether	108-20-3	N.D.	0.5	4	1
10335	Isopropylbenzene	98-82-8	N.D.	1	5	1
10335	p-Isopropyltoluene	99-87-6	N.D.	1	5	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	4	1
10335	4-Methyl-2-pentanone	108-10-1	N.D.	3	10	1
10335	Methylene Chloride	75-09-2	N.D.	2	5	1
10335	Naphthalene	91-20-3	N.D.	1	5	1
10335	n-Propylbenzene	103-65-1	N.D.	1	5	1
10335	Styrene	100-42-5	N.D.	1	5	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1	5	1
10335	Tetrachloroethene	127-18-4	N.D.	0.8	5	1
10335	Toluene	108-88-3	N.D.	0.5	4	1
10335	1,2,3-Trichlorobenzene	87-61-6	N.D.	1	5	1
10335	1,2,4-Trichlorobenzene	120-82-1	N.D.	1	5	1
10335	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	5	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	5	1
10335	Trichloroethene	79-01-6	N.D.	1	5	1
10335	Trichlorofluoromethane	75-69-4	N.D.	2	5	1
10335	1,2,3-Trichloropropane	96-18-4	N.D.	1	5	1
10335	1,2,4-Trimethylbenzene	95-63-6	N.D.	1	5	1
10335	1,3,5-Trimethylbenzene	108-67-8	N.D.	1	5	1
10335	Vinyl Chloride	75-01-4	N.D.	1	5	1
10335	m+p-Xylene	n.a.	N.D.	0.5	4	1
10335	o-Xylene	95-47-6	N.D.	0.5	4	1

General Sample Comments

State of California Lab Certification No. 2501

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Full w/ Sep Xylenes & GRO	SW-846 8260B	1	W123521AA	12/17/2012 20:47	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W123521AA	12/17/2012 20:47	Emily R Styer	1

*=This limit was used in the evaluation of the final result

Quality Control Summary

Client Name: Chevron Group Number: 1355710
Reported: 12/21/12 at 07:02 PM

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: W123521AA	Sample number(s): 6891857-6891869								
Acetone	N.D.	6.	20	ug/l	99	104	49-234	5	30
t-Amyl methyl ether	N.D.	0.5	4	ug/l	91	95	66-120	4	30
Benzene	N.D.	0.5	4	ug/l	107	111	77-121	4	30
Bromobenzene	N.D.	1.	5	ug/l	101	108	80-120	6	30
Bromochloromethane	N.D.	1.	5	ug/l	101	104	80-121	3	30
Bromodichloromethane	N.D.	1.	5	ug/l	100	104	73-120	4	30
Bromoform	N.D.	1.	5	ug/l	93	98	61-120	4	30
Bromomethane	N.D.	1.	5	ug/l	86	90	44-120	4	30
2-Butanone	N.D.	3.	10	ug/l	104	106	53-155	2	30
t-Butyl alcohol	N.D.	5.	80	ug/l	100	101	68-125	1	30
n-Butylbenzene	N.D.	1.	5	ug/l	91	99	73-130	8	30
sec-Butylbenzene	N.D.	1.	5	ug/l	91	98	74-124	8	30
tert-Butylbenzene	N.D.	1.	5	ug/l	93	98	80-120	5	30
C4-C12-TPH-GRO	N.D.	22.	50	ug/l	104	103	69-133	1	30
Carbon Disulfide	N.D.	1.	5	ug/l	95	100	62-125	5	30
Carbon Tetrachloride	N.D.	1.	5	ug/l	102	106	67-122	4	30
Chlorobenzene	N.D.	0.8	5	ug/l	107	111	80-120	4	30
Chloroethane	N.D.	1.	5	ug/l	89	95	49-129	6	30
2-Chloroethyl Vinyl Ether	N.D.	2.	10	ug/l	67	76	29-151	11	30
Chloroform	N.D.	0.8	5	ug/l	98	102	77-122	4	30
Chloromethane	N.D.	1.	5	ug/l	92	94	60-129	2	30
2-Chlorotoluene	N.D.	1.	5	ug/l	98	105	80-120	7	30
4-Chlorotoluene	N.D.	1.	5	ug/l	100	107	80-120	7	30
1,2-Dibromo-3-chloropropane	N.D.	2.	5	ug/l	73	79	56-126	8	30
Dibromochloromethane	N.D.	1.	5	ug/l	101	105	72-120	5	30
1,2-Dibromoethane	N.D.	0.5	4	ug/l	98	102	76-120	4	30
Dibromomethane	N.D.	1.	5	ug/l	103	108	80-120	5	30
1,2-Dichlorobenzene	N.D.	1.	5	ug/l	100	109	80-120	8	30
1,3-Dichlorobenzene	N.D.	1.	5	ug/l	99	108	80-120	8	30
1,4-Dichlorobenzene	N.D.	1.	5	ug/l	101	106	80-120	5	30
Dichlorodifluoromethane	N.D.	2.	5	ug/l	70	72	47-120	3	30
1,1-Dichloroethane	N.D.	1.	5	ug/l	110	115	79-120	4	30
1,2-Dichloroethane	N.D.	0.5	4	ug/l	109	113	64-130	4	30
1,1-Dichloroethene	N.D.	0.8	5	ug/l	101	105	76-124	4	30
cis-1,2-Dichloroethene	N.D.	0.8	5	ug/l	102	106	80-120	4	30
trans-1,2-Dichloroethene	N.D.	0.8	5	ug/l	101	104	80-120	3	30
1,2-Dichloropropane	N.D.	1.	5	ug/l	110	115	80-120	5	30
1,3-Dichloropropane	N.D.	1.	5	ug/l	105	109	80-120	4	30
2,2-Dichloropropane	N.D.	1.	5	ug/l	95	98	67-124	3	30
1,1-Dichloropropene	N.D.	1.	5	ug/l	104	105	80-120	0	30
cis-1,3-Dichloropropene	N.D.	1.	5	ug/l	107	111	78-120	4	30
trans-1,3-Dichloropropene	N.D.	1.	5	ug/l	96	101	73-120	5	30
Ethanol	N.D.	50.	250	ug/l	113	112	54-149	1	30

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Chevron
Reported: 12/21/12 at 07:02 PM

Group Number: 1355710

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Ethyl t-butyl ether	N.D.	0.5	4	ug/l	94	99	66-120	5	30
Ethylbenzene	N.D.	0.5	4	ug/l	98	102	79-120	4	30
Freon 113	N.D.	2.	10	ug/l	95	101	69-128	6	30
Hexachlorobutadiene	N.D.	2.	5	ug/l	86	97	58-120	11	30
2-Hexanone	N.D.	3.	10	ug/l	91	96	53-139	5	30
di-Isopropyl ether	N.D.	0.5	4	ug/l	109	114	71-124	5	30
Isopropylbenzene	N.D.	1.	5	ug/l	94	100	77-120	7	30
p-Isopropyltoluene	N.D.	1.	5	ug/l	92	100	77-121	8	30
Methyl Tertiary Butyl Ether	N.D.	0.5	4	ug/l	96	102	68-121	6	30
4-Methyl-2-pentanone	N.D.	3.	10	ug/l	99	101	58-133	3	30
Methylene Chloride	N.D.	2.	5	ug/l	100	106	84-118	5	30
Naphthalene	N.D.	1.	5	ug/l	75	81	47-126	9	30
n-Propylbenzene	N.D.	1.	5	ug/l	96	104	77-130	8	30
Styrene	N.D.	1.	5	ug/l	89	95	77-120	6	30
1,1,1,2-Tetrachloroethane	N.D.	1.	5	ug/l	101	107	79-120	5	30
1,1,2,2-Tetrachloroethane	N.D.	1.	5	ug/l	94	100	75-123	6	30
Tetrachloroethene	N.D.	0.8	5	ug/l	110	115	79-120	4	30
Toluene	N.D.	0.5	4	ug/l	103	107	79-120	4	30
1,2,3-Trichlorobenzene	N.D.	1.	5	ug/l	90	100	71-120	10	30
1,2,4-Trichlorobenzene	N.D.	1.	5	ug/l	90	98	65-120	9	30
1,1,1-Trichloroethane	N.D.	0.8	5	ug/l	94	98	66-126	4	30
1,1,2-Trichloroethane	N.D.	0.8	5	ug/l	103	107	80-120	4	30
Trichloroethene	N.D.	1.	5	ug/l	106	108	80-120	1	30
Trichlorofluoromethane	N.D.	2.	5	ug/l	95	101	65-130	6	30
1,2,3-Trichloropropane	N.D.	1.	5	ug/l	98	101	76-120	2	30
1,2,4-Trimethylbenzene	N.D.	1.	5	ug/l	92	99	69-122	7	30
1,3,5-Trimethylbenzene	N.D.	1.	5	ug/l	92	99	68-124	7	30
Vinyl Chloride	N.D.	1.	5	ug/l	89	93	56-123	4	30
m+p-Xylene	N.D.	0.5	4	ug/l	101	106	77-120	5	30
o-Xylene	N.D.	0.5	4	ug/l	96	102	77-120	6	30

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: 8260 Ext. Water Master w/GRO
Batch number: W123521AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6891857	100	102	94	87
6891858	101	103	95	89
6891859	101	104	94	87
6891860	101	103	94	88
6891861	97	97	97	98
6891862	100	104	95	89
6891863	99	101	94	92
6891864	101	101	94	88
6891865	98	100	95	92
6891866	102	99	93	90

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Chevron Group Number: 1355710
Reported: 12/21/12 at 07:02 PM

Surrogate Quality Control

6891867	102	103	96	89
6891868	101	105	94	89
6891869	102	101	95	89
Blank	99	103	94	88
LCS	98	103	98	98
LCSD	97	98	98	98
Limits:	80-116	77-113	80-113	78-113

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

CHAIN OF CUSTODY FORM

Chevron Environmental Management Company ■ 145 S. State College Boulevard, Suite 400 ■ Brea, CA 92821

COC 1 of 2

Chevron Site Number: 9-8721
Chevron Site Global ID: T0605900904
Chevron Site Address: 9971 Adams Ave. @ Brookhurst, Huntington Beach
Chevron PM: Daryl Pessler
Chevron PM Phone No.: (714) 671-3200
☑ Marketing Business Unit (MBU) Job
☐ Construction/Retail Job

Charge Code: NWRTB 0098721 -0-LAB
NWRTB 00 SITE NUMBER -0- WBS

WBS ELEMENTS:
Site Assessment: **A10L** Remediation Implementation: **R10**
Site Monitoring: **GWS** Operation Maintenance & Monitoring: **M10**

This is a LEGAL document. ALL fields must be filled out CORRECTLY and COMPLETELY.

Chevron Consultant: Science Applications Intl. Corp. (SAIC)
Address: 590 W. Central Ave, Suite I, Brea, CA 92821
Consultant Contact: Hal Dihm
Consultant Phone No.: (714) 257-6415
Consultant Project No.: 12.018
Sampling Company: Wayne Perry, Inc.
Sampled By (PRINT): Jorge Gonzalez
Sampler Signature:

Lancaster Laboratories
Lancaster, PA
Lab Contact: Jill Parker Phone No.: (717)656-2300 Ext. 1246

Other Lab

Temp. Blank Check
Time Temp.

ANALYSES REQUIRED

Preservation Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 O = Other

Special Instructions
acct#11908
Cp#1355710
Sample#
6891857-69

SAMPLE ID: Field Point Name	Matrix	Top Depth	Date (yymmdd)	Sample Time	# of Containers	Container Type	EPA 8260B/GC/MS TPH-GRO ☑ FULL SCAN ☑ OXYGENATES ☑	EPA 8015B GRO ☐ DRO ☐ ORO ☐ HC SCREEN ☐	EPA 8021B BTEX ☐ MTBE ☐	EPA 6010 Ca, Fe, K, Mg, Mn, Na	EPA 6010/7000 TITLE 22 METALS ☐ TTLC ☐ STLC ☐	EPA 310.1 ALKALINITY ☐ / EPA 150.1 PH ☐	SM 2510B SPECIFIC CONDUCTIVITY	EPA 413.1 OIL & GREASE ☐ / EPA 418.1 TRPH ☐				Notes / Comments
QA	T		12/12/10	08:30	4	40 ml vial	X											Trip Blank
B-01	W		12/12/10	08:48	4	40 ml vial	X											
B-02	W		12/12/10	09:21	4	40 ml vial	X											
MW-01	W		12/12/10	09:30	4	40 ml vial	X											
MW-02	W		12/12/10	09:53	4	40 ml vial	X											
MW-03	W		12/12/10	10:14	4	40 ml vial	X											
MW-04	W		12/12/10	10:43	4	40 ml vial	X											
MW-05	W		12/12/10	10:32	4	40 ml vial	X											
MW-06	W		12/12/10	09:00	4	40 ml vial	X											
MW-07	W		12/12/10	09:11	4	40 ml vial	X											
MW-08	W		12/12/10	08:35	4	40 ml vial	X											
TPE-1B	W		12/12/10	10:05	4	40 ml vial	X											

Relinquished By	Company	Date / Time:	Relinquished To	Company	Date / Time:
[signature]	Wayne Perry, Inc.				
			[signature]	LCL	12.12.12 0925

Turnaround Time (TAT): Standard ☑ 24 Hours ☐ 48 Hours ☐ 72 Hours ☐ Other ☐

Sample Integrity: (Check by lab on arrival)
Custody Seals Intact: Y On Ice: Y Temp.: 1.3

COC #

COC Revision 12 02/02/06

CHAIN OF CUSTODY FORM

Chevron Environmental Management Company ■ 145 S. State College Boulevard, Suite 400 ■ Brea, CA 92821

COC 2 of 2

Chevron Site Number 9-8721
Chevron Site Global ID T0605900904
Chevron Site Address 9971 Adams Ave.
@ Brookhurst, Huntington Beach
Chevron PM: Daryl Pessler
Chevron PM Phone No.: (714) 671-3200
☑ Marketing Business Unit (MBU) Job
☐ Construction/Retail Job

Charge Code: NWRTB 0098721 -0-LAB
NWRTB 00 SITE NUMBER -0- WBS

WBS ELEMENTS:
Site Assessment: **A10L** Remediation Implementation: **R10**
Site Monitoring: **GWS** Operation Maintenance & Monitoring: **M10**

This is a LEGAL document. ALL fields must be filled out CORRECTLY and COMPLETELY.

Chevron Consultant: Science Applications Intl. Corp. (SAIC)
Address: 590 W. Central Ave, Suite I, Brea, CA 92821
Consultant Contact: Hal Dihm
Consultant Phone No.: (714) 257-6415
Consultant Project No.: 12.018
Sampling Company: Wayne Perry, Inc.
Sampled By (PRINT): Jorge Gonzalez
Sampler Signature:

Lancaster Laboratories
Lancaster, PA
Lab Contact: Jill Parker Phone No.: (717)656-2300 Ext. 1246

Other Lab

Temp. Blank Check
Time Temp.

ANALYSES REQUIRED

Preservation Codes
H = HCl **T** = Thiosulfate
N = HNO_3 **B** = NaOH
S = H_2SO_4 **O** = Other

Special Instructions
acct#11908
Cp#1355710
Sample#
6891857-69

SAMPLE ID: Field Point Name	Matrix	Top Depth	Date (yymmdd)	Sample Time	# of Containers	Container Type	EPA 8260B/GC/MS TPH-GRO ☑ FULL SCAN ☑ OXYGENATES ☑	EPA 8015B GRO ☐ DRO ☐ ORO ☐ HC SCREEN ☐	EPA 8021B BTEX ☐ MTBE ☐	EPA 6010 Ca, Fe, K, Mg, Mn, Na	EPA 6010/7000 TITLE 22 METALS ☐ TTLC ☐ STLC ☐	EPA 310.1 ALKALINITY ☐ / EPA 150.1 PH ☐	SM 2510B SPECIFIC CONDUCTIVITY	EPA 413.1 OIL & GREASE ☐ / EPA 418.1 TRPH ☐				Notes / Comments
~~QA~~	~~T~~				~~3~~	~~40 ml vial~~	~~X~~											~~Trip Blank~~
TPE-2R	W		12/12/10	09:43	4	40 ml vial	X											
	~~W~~				~~3~~	~~40 ml vial~~	~~X~~											

Relinquished By	Company	Date / Time:	Relinquished To	Company	Date / Time :
	Wayne Perry, Inc.				
Relinquished By	Company	Date / Time:	Relinquished To	Company	Date / Time :
Relinquished By	Company	Date / Time:	Relinquished To	Company	Date / Time :
				LCL	12.12.12 925

Turnaround Time (TAT):
Standard ☑ 24 Hours ☐ 48 Hours ☐
72 Hours ☐ Other ☐

Sample Integrity: (Check by lab on arrival)
Custody Seals Intact: Y On Ice: Y Temp.: 1.3

COC #

COC Revision 12 02/02/06

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	**BMQL**	Below Minimum Quantitation Level
N.D.	none detected	**MPN**	Most Probable Number
TNTC	Too Numerous To Count	**CP Units**	cobalt-chloroplatinate units
IU	International Units	**NTU**	nephelometric turbidity units
umhos/cm	micromhos/cm	**ng**	nanogram(s)
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
µg	microgram(s)	**mg**	milligram(s)
mL	milliliter(s)	**L**	liter(s)
m3	cubic meter(s)	**µL**	microliter(s)
		pg/L	picogram/liter

< less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

J estimated value – The result is ≥ the Method Detection Limit (MDL) and < the Limit of Quantitation (LOQ).

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers		Inorganic Qualifiers	
A	TIC is a possible aldol-condensation product	**B**	Value is <CRDL, but ≥IDL
B	Analyte was also detected in the blank	**E**	Estimated due to interference
C	Pesticide result confirmed by GC/MS	**M**	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	**N**	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	**S**	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	**U**	Compound was not detected
P	Concentration difference between primary and confirmation columns >25%	**W**	Post digestion spike out of control limits
U	Compound was not detected	*****	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	**+**	Correlation coefficient for MSA <0.995

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Times are local to the area of activity. Parameters listed in the 40 CFR part 136 Table II as “analyze immediately” are not performed within 15 minutes.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL LANCASTER LABORATORIES BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF LANCASTER LABORATORIES AND (B) WHETHER LANCASTER LABORATORIES HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Lancaster Laboratories which includes any conditions that vary from the Standard Terms and Conditions, and Lancaster hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

December 20, 2012

Ms. Tamara Escobedo
Orange County Health Care Agency
Hazardous Materials Mitigation Section
1241 East Dyer Road, Suite 120
Santa Ana, California 92705-5611

Subject: **Confirmation Soil Borings and Soil-Vapor Sampling Point Installation Report**
Former Chevron Service Station No. 9-8721
9971 Adams Avenue, Huntington Beach, California
OCHCA Case No. 91UT079

Dear Ms. Escobedo:

On behalf of Chevron Environmental Management Company (CEMC), SAIC Energy, Environment & Infrastructure, LLC (hereafter, SAIC) submits this report to present the results of the field activities for the confirmation soil borings and the installation of the temporary soil-vapor sampling point performed at the former Chevron Service Station No. 9-8721 (Plate 1).

These field activities were conducted in accordance with the *Workplan for Confirmation Soil Borings and Sub-Slab Vapor Investigation*, dated August 13, 2012 submitted to the Orange County Health Care Agency (OCHCA). The workplan was approved by the OCHCA in a letter dated August 24, 2012 (Attachment A). In the October 12, 2012 letter, SAIC notified the OCHCA that the fieldwork related to the sub-slab vapor probe installation and sampling was pending an access agreement with the tenant. At this time, an access agreement with the tenant has not been secured and is in progress. In the October 23, 2012 letter, SAIC notified the OCHCA that the fieldwork related to the confirmation soil borings and temporary soil-vapor sampling point was rescheduled due to resource and equipment availability. SAIC requested an extension to meet the deadline for the fieldwork proposed outside the building by November 13, 2012.

The purpose of the confirmation soil borings is to confirm that subsurface soils have been remediated to the extent practicable with the operations of the dual phase extraction (DPE) system that operated at the site from February 2010 to June 2012. The data from the temporary soil vapor sampling point will also be used to evaluate the effectiveness of the DPE system, which will be performed in conjunction with the sub-slab vapor probe sampling event.

SITE DESCRIPTION

Former Chevron service station No. 9-8721 is located 2.2 miles south of the San Diego Freeway (I-405) at the northwest corner of the intersection of Adams Avenue and Brookhurst Street in Huntington Beach, California (Plate 2). The station operations ceased, in 1984. Former station facilities include three underground storage tanks (USTs) used for gasoline, one UST used for waste oil, and three fuel dispenser islands.

The site is currently occupied by a retail shopping center and bank. Other businesses are situated in the shopping center northwest of the site. The site is bordered by an asphalt concrete parking lot to the north

and west. The eastern and southern portions of the site are landscaped and the grass slopes upward to the existing building. The site is surrounded by commercial and residential properties. The site vicinity map is depicted in Plate 2.

The southwest corner of the intersection was occupied by a Shell service station and is currently a vacant dirt lot. An Oil Max Tune and Lube is located to the southwest and adjacent to the Shell station. Shell has installed a groundwater monitoring well (B-8) in the eastbound left-turn lane of Adams Avenue. Groundwater samples from this well have contained detectable levels of petroleum hydrocarbons in the past.

On the northeastern corner of the intersection, is an unoccupied restaurant building, approximately 250 feet from the site. That location was formerly occupied by a Super-7 (Southland) gas station which underwent remediation and completed corrective action on December 8, 1997 (OCHCA Case No. 89UT046; Harding ESE, 2001; State Water Resources Control Board, 2006).

GEOLOGY AND HYDROGEOLOGY

The geology and hydrogeology underlying the site are described in detail in the *Case Closure Evaluation Report* (SAIC, 2006) and the most recent groundwater data can be found in *Submittal of 3rd Quarter 2012 Groundwater Monitoring and Progress Report* (SAIC, 2012b). Depth to groundwater at the site ranges from 6.04 to 8.61 feet below ground surface (bgs), based on the groundwater sampling event conducted on September 10, 2012. Groundwater gradient is predominantly to the southwest at a gradient of 0.01 feet per foot (SAIC, 2012b).

SITE BACKGROUND

In 1983, the Chevron station reported a loss of 1,875 gallons of gasoline. Non-aqueous-phase liquid (NAPL) was found in an excavation made by the city during the installation of the traffic lights at the intersection of Adams Avenue and Brookhurst Street on June 22, 1983 (Grunbaum, 1983, as cited in Harding ESE, 2001). In June 1983, three groundwater monitoring wells (SD-1, SD-2, and SD-3) were installed by Chevron personnel to a depth of 15 feet bgs. Petroleum hydrocarbon odors were reported during the drilling of borings SD-1 and SD-2, and groundwater was found at approximately 7 feet bgs. A formal report was not prepared for this investigation, nor was any soil or groundwater chemical analyses performed.

In April 1984, three gasoline USTs and one used-oil UST were removed during the demolition of the site. Petroleum hydrocarbons were discovered in both the soil and groundwater at the bottom of the excavation. Work was halted by the OCHCA, and the gasoline UST excavation was temporarily backfilled. On May 3 and 4, 1984, Harding Lawson Associates (HLA) installed three groundwater monitoring wells (B-1, B-2, and B-3) to a depth of approximately 20 feet bgs at the site. Petroleum hydrocarbon odors were noted during the drilling of B-2 and B-3, although no soil samples appear to have been analyzed. Data collected from these wells indicated that the groundwater flow direction was to the southwest. Wells B-2, B-3, SD-2, and SD-3 apparently were destroyed later in 1984 during the construction and tank removal activities at the site (HLA, 1984, as cited in Harding ESE, 2001a).

In July 1984, the excavation was reopened and soil containing petroleum hydrocarbons was removed. A 16-inch-diameter well (also named Well B-2) was installed on the south side of the site and was originally designed to provide a means to monitor and extract groundwater containing petroleum hydrocarbons. The

excavation was then backfilled with clean soil and the Coast Savings building was constructed. A total of 1,208.45 tons of soil was excavated and transported from the site and disposed of at the BKK Landfill in Covina, California. However, it does not appear that any soil samples were analyzed for petroleum hydrocarbons during the tank removal (HLA, 1984; Holguin, Fahan & Associates, Inc., 1995, as cited in Harding ESE, 2001a).

In January 1992, Well B-8 was installed in Adams Avenue to assess groundwater conditions north (upgradient) of the Shell station. Petroleum hydrocarbons were detected in the soil sample collected at 10 feet bgs and in the groundwater samples collected from this well (Environmental Science & Engineering, 1992, as cited in Harding ESE, 2001a).

On June 29, 1993, HLA installed Well MW-1 onsite to replace Well SD-3. On July 12, 1993, CPT soundings were performed (CPT-1 through CPT-4) and two of the soundings were completed as piezometers (CPT-1/P1 and CPT-3/P2). The groundwater elevation data confirmed that the apparent flow direction was toward the southwest (HLA, 1993, as cited in Harding ESE, 2001a).

On July 13, 1999, Bechtel Environmental, Inc. (BEI), installed groundwater monitoring wells MW-2 and MW-3 and abandoned Piezometers P1 and P2 (BEI, 1999, as cited in Harding ESE, 2001a).

On August 16 and 23, 2001, Harding ESE installed two offsite groundwater monitoring wells, MW-4 and MW-5, located in the eastbound lanes of Adams Avenue, approximately 80 and 180 feet west of Brookhurst Street, respectively. With the exception of isolated concentrations of benzene, ethylbenzene and total xylenes detected, all other analytes were below laboratory detection limits. Benzene, ethylbenzene, and total xylenes were detected in MW-4 at 0.041 milligrams per kilogram (mg/kg) (10 feet bgs), 0.012 mg/kg (20 feet bgs), and 0.0096 mg/kg and 0.021 mg/kg (10 and 20 feet bgs), respectively (Harding ESE, 2001b).

On May 28, 2002, Harding ESE installed one extraction well, MW-6, and two vapor probes, VP-1 and VP-2, to enhance remediation efforts at this site. Extraction well MW-6 was installed to a depth of 20 feet bgs. Vapor probe VP-1 was installed to a depth of 9 feet bgs, and vapor probe VP-2 was installed to a depth of 10.5 feet bgs. Benzene and total petroleum hydrocarbons as gasoline (TPHg) were detected in soil with maximum concentrations of 4.49 mg/kg and 6,190 mg/kg, respectively, in soil sample VP-2 at a depth of 11.5 feet bgs (Harding ESE, 2002a).

From June 4 to 7, 2002, TRC Alton Geoscience (TRC), under the direction of MACTEC, performed a 72-hour two-phase extraction (TPE) event utilizing a mobile treatment system (MTS) unit. The 72-hour TPE event was performed on extraction wells MW-2 and MW-6. The total amount of petroleum hydrocarbon compounds destroyed during the 72-hour TPE event was approximately 185 pounds (30 gallons). A total volume of 18,358 gallons of groundwater was extracted during the 72-hour TPE event (Harding ESE, 2002b).

In October 2005, four confirmation soil borings (CB-1, CB-2, CB-3, and CB-4) were advanced at the site to approximately 15 feet bgs. The soil samples collected from the confirmation borings did not contain di-isopropyl ether (DIPE), ethyl tertiary-butyl ether (ETBE), tertiary-amyl methyl ether (TAME), or tertiary-butyl alcohol (TBA). Methyl tertiary-butyl ether (MTBE) was detected near the method detection limit at 5 feet bgs in CB-1 and CB-2 at a maximum concentration of 0.0020J mg/kg; this analyte was not detected in the remaining soil samples collected during this effort. TPHg was detected in all four borings

at concentrations ranging from 0.10J mg/kg (15 feet bgs at CB-2) to 2,100 mg/kg (10 feet bgs at CB-2). One or more of benzene, toluene, ethylbenzene, and total xylenes (BTEX) compounds were detected in all four borings; the soil sample collected from 10 feet bgs in CB-2 contained maximum concentrations these compounds at 3.7J mg/kg, 53 mg/kg, 58 mg/kg, and 290 mg/kg, respectively (SAIC, 2006).

In March 2006, five sub-slab vapor sample points (V-1 through V-5) were installed and sampled and a vapor hazard survey was conducted at the site. The vapor samples collected from the five sub-slab vapor points did not contain detectable concentrations of BTEX, MTBE, or naphthalene; therefore, a risk assessment evaluation of vapors was not warranted. Additionally, the tracer compound (isobutene) was not detected in any of the vapor samples collected. Methane was detected in vapor samples V-2 through V-4 at concentrations ranging from 11 to 550 parts per million by volume (ppmv). Fixed gasses were present in all the vapor samples collected at percentages ranging from 15 to 22% for oxygen, 73 to 82% for nitrogen, and 0.4 to 6.8% carbon dioxide (SAIC, 2006).

In February and March 2008, wells TPE-1 and TPE-2 were properly destroyed and wells TPE-1R and TPE-2E were installed at the site. The new wells were constructed at greater depths and with sumps capable of accommodating pumps for a future dual-phase extraction pilot test (SAIC, 2008a).

In April 2008, a 7-day multi-phase extraction (MPE) pilot test was performed in order to remove hydrocarbon mass and evaluate the feasibility of MPE at the site. The estimated hydrocarbon mass removal during the MPE pilot test was approximately 1,006 pounds (SAIC, 2008b).

In October 2008, SAIC submitted a Corrective Action Plan (CAP) for the site proposing the installation of a fixed dual-phase extraction (DPE) system (SAIC, 2008c). Following permitting and construction, the SVE portion of the system was started on February 1, 2010 (SAIC, 2010a). Operation of the groundwater extraction (GWE) portion of the system was initiated on March 11, 2010 (SAIC, 2010b). The DPE system operated at the site from February 2010 to June 2012. Since start up, the GWE and SVE systems have not been able to operate consistently due to the production of large volumes of silt, low mass removal rates during recent operation, and the significant repairs that would be required for continual operation . The GWE portion of the system was discontinued on December 7, 2011 due to plugging of the tank and carbon vessels with large amounts of silt. The SVE portion of the system was shut down on June 2, 2012 due to low asymptotic mass removal rates (SAIC, 2012a).

In October 2009, one groundwater monitoring well (MW-08) was installed in the northwest corner of the site (SAIC, 2009).

In June 2011, remediation well TPE-1R was properly destroyed and replaced with well TPE-1B because the well screen appeared to be broken and well filter pack material had been found in the groundwater extraction pump. Prior to the well destruction and installation activities, one soil boring (DP-1) was advanced immediately adjacent to TPE-1R in order to optimize the well design and minimize silt intake into the remediation system (SAIC, 2011).

Quarterly groundwater monitoring has been performed since 1991 (SAIC, 2012b).

FIELD ACTIVITIES

Field activities associated with the confirmation soil borings and soil-vapor sampling point installation were conducted on November 7 and November 8, 2012. Field activities included a geophysical utility survey, hand auger of the top 8 feet of each boring, slide hammer soil sample collection at 5 feet bgs, direct-push soil boring advancements, and soil-vapor sampling point installation.

Pre-field Activities

Prior to the commencement of intrusive work activities, the following tasks were conducted:

- Site visit to mark the proposed boring and soil-vapor sampling point locations;
- Obtained a permit from the OCHCA to advance three direct-push soil borings (Attachment B);
- Notified Underground Service Alert of the planned work at least 72 hours prior to initiating field activities and verified the locations of underground utilities;
- Notified the OCHCA a minimum of 48 hours prior to commencement of field activities;
- Notified the property owner/manager, and bank tenant prior to intrusive work;
- Performed a subsurface geophysical survey on October 15, 2012 to identify and mark any buried utility lines running within close proximity of the proposed boring locations and soil-vapor sampling point (Attachment C);
- Utilized the hand-auger method to clear proposed locations of buried utilities to eight feet bgs;

Direct-Push Drilling and Sampling Activities

On November 7 and 8, 2012, under the supervision of SAIC field personnel, three confirmation soil borings (CB-5, CB-6, and CB-7) were cleared to approximately 8 feet bgs using the hand-auger method. The boreholes for CB-5, CB-6, and CB-7 were advanced by direct-push method using a Geoprobe™ 540 MT limited-access rig operated by H&P Mobile Geochemistry Inc. The locations of the confirmation soil borings and temporary soil vapor point were adjusted due to offsets caused by subsurface utilities.

The soil borings were advanced to approximate depths of 31 feet bgs for CB-5, 32 feet bgs for CB-6, and 31 feet bgs for CB-7. The soil borings were unable to advance further than 32 feet bgs due to refusal. During the boring advancement, soil samples were collected at 8 feet bgs and then at 5-foot intervals starting at 10 feet bgs until 30 feet bgs. The soil samples collected at 5 feet bgs were collected using the slide hammer method to avoid soil disturbance. Each sample collected thereafter was obtained through 6-inch long acetate sample tube liners which were covered with Teflon™ film and capped at each end at the time of sampling. All laboratory samples were prepared by SAIC personnel and placed on ice at the time of sampling to preserve the integrity of the samples. Soils were logged by SAIC personnel working under the supervision of an SAIC California Professional Geologist. Soils were logged in accordance with the American Society for Testing and (ASTM) Method D2488-00 and the Unified Soil Classification System (USCS). The slide hammer, hand auger, and direct push rods were decontaminated between each borehole. Each soil sample collected was screened for petroleum hydrocarbons using a portable flame ionization detector (FID). On completion, each boring was backfilled with bentonite chips, properly hydrated, and completed to grade to match the surrounding surface. Soil lithology and FID measurements, when taken, were recorded on the exploratory boring logs and are presented in Attachment D.

Laboratory Analyses

Soil samples collected from the direct-push soil borings were submitted for chemical analysis, with chain of-custody (COC) documentation, to TestAmerica Analytical Testing Corporation (TestAmerica) in Irvine, California. TestAmerica is a State of California certified laboratory. All soil samples were analyzed for U.S. Environmental Protection Agency (EPA) Method 8260B for TPHg, BTEX, MTBE, DIPE, ETBE, TAME, TBA, and naphthalene by Test America Laboratories. Laboratory results above the method detection limit, but below the detection limit for reporting are flagged with the letter "J" by the laboratory and may not be considered quantitative. Analytical data for the sampled soils can be found in Table 1. A copy of the laboratory analytical report is included Attachment E.

Results of Laboratory Analyses of Confirmation Soil Borings

TPHg was detected at a maximum concentration of 110 mg/kg in the soil sample collected at 10 feet bgs from soil boring CB-5. The remaining soil samples had detectable TPHg concentrations less than or equal to 2 mg/kg. The majority of the soil samples from the three borings (CB-5 through CB-7) contained trace concentrations, "J-flag" concentrations, or non-detect concentrations at or below the laboratory reporting limits for TPHg.

Benzene was detected at a maximum concentration of 0.26 mg/kg in the soil sample collected at 10 feet bgs from soil boring CB-6. The majority of the soil samples from the three borings contained trace concentrations, "J-flag" concentrations, or non-detect concentrations at or below the laboratory reporting limits for TPHg.

Toluene, ethylbenzene, and total xylenes were detected at maximum concentrations of 0.045J mg/kg, 1.8 mg/kg, and 4.5 mg/kg, respectively, in the soil sample collected at 10 feet bgs from soil boring CB-5. The other soil samples from the nine borings contained trace concentrations, "J-flag" concentrations, or non-detect concentrations at or below the laboratory reporting limits for toluene, ethylbenzne, and total xylenes.

MTBE, ETBE, DIPE, TAME and TBA were not detected at or above their respective laboratory reporting limits in all of the soil samples collected from the three soil borings.

Naphthalene was detected at a maximum concentration of 0.83 mg/kg, in the soil sample collected at 10 feet bgs from soil boring CB-5. With the exception of two other samples with concentrations of 0.024 mg/kg (CB-5 at 20 feet bgs) and 0.061 mg/kg (CB-6 at 10 feet bgs), all other soil samples from the three borings below the laboratory reporting limit for naphthalene.

Based on the soil samples collected from the confirmation soil borings, none of the soil samples results detected benzene, ethylbenzene, or naphthalene concentrations in excess of residential, commercial/industrial, or utility worker soil screening levels as listed in Table 1 of the Low-Threat Underground Storage Tank Case Closure Policy for petroleum constituents in soils that will have no risk of adversely affecting human health. The table below includes the maximum concentrations of petroleum hydrocarbons detected during field activities in comparison to Table 1 of the Low-Threat Underground Storage Tank Case Closure Policy.

Chemical	Maximum Concentration Detected During Field Activities (mg/kg)	Residential		Commercial/Industrial		Utility Worker
		0 to 5 feet bgs (mg/kg)	Volatilization to outdoor air (5 to 10 feet bgs; mg/kg)	0 to 5 feet bgs (mg/kg)	Volatilization to outdoor air (5 to 10 feet bgs; mg/kg)	0 to 10 feet bgs (mg/kg)
Benzene	0.26 (CB-6 at 10 feet bgs)	1.9	2.8	8.2	12	14
Ethylbenzene	1.8 (CB-5 at 10 feet bgs)	21	32	89	134	314
Naphthalene	0.83 (CB-5 at 10 feet bgs)	9.7	9.7	45	45	219

TPHg, BTEX, MTBE, DIPE, ETBE, TAME, TBA, and naphthalene analytical results are summarized in Table 1 and are graphically depicted with soil boring locations in Plate 3. The analytical results are shown on Plate 4 and Analytical laboratory reports associated with this investigative effort including the COCs, are included in Attachment E.

Soil-Vapor Sampling Point Installation

On November 8, 2012, under the supervision of SAIC personnel, one soil-vapor sampling point was installed by H&P Mobile Geochemistry Inc.

The sampling point was named V-6. For this point, a 3-inch diameter boring was advanced to approximately 5.5 feet bgs using a hand auger. Two stainless steel 6-inch soil-vapor probes, attached to 1/4-inch diameter Teflon tubing, were placed down hole with the top of the screens placed at approximately 5 feet bgs and 3 feet bgs. Gas-tight caps were installed at the surface opening of each tube. The filter pack consisted of #3 sand and was used from approximately 3-inch below to 3-inches above each vapor probe. Above each filter pack, 6-inches of dry #8 granular bentonite chips were added followed by another 6-inches of pre-hydrated #8 granular bentonite chips. Neat cement was then used as backfill from approximately 6-inches bgs to ground surface. A standard 3-inch diameter well box was then installed flush to match surrounding grade. A construction diagram of soil-vapor sampling point V-6 can be found on Attachment F.

The soil-vapor sampling point was not sampled during the recent field activities. Soil-vapor samples from the soil-vapor sampling point will be collected concurrently with the sub-slab vapor sampling field activities. Upon completion of the vapor sample collection, the soil-vapor sampling point will be abandoned.

Sub-Slab Vapor Sampling Point Installation Status

The installation of the sub-slab soil-vapor sampling points inside the bank building has not been performed due to site access restrictions by the bank tenant. Chevron is currently pursuing an access agreement with the bank tenant. The OCHCA will be notified when site access has been granted in order to proceed with the fieldwork.

INVESTIGATION DERIVED WASTE

Soil cuttings and equipment rinse water generated during hand-auger and direct-push drilling activities were placed and secured in two Department of Transportation (DOT)-approved 30-gallon steel drums. These drums are stored temporarily on-onsite pending removal from a licensed waste hauler. Each drum was properly labeled with non-hazardous labels accompanied by the appropriate labeling information. Upon removal of the drums, the license hauler will deliver the waste to the appropriate waste disposal facility. Copies of the waste manifest will be available upon request.

SUMMARY AND CONCLUSION

The most recent site assessment activity, conducted between November 7, 2012 and November 8, 2012, consisted of three confirmation soil borings (CB-5 through CB-7) to determine the vertical and horizontal extent of petroleum hydrocarbon impacted soil. The results of this latest assessment indicate that the lateral and vertical extent of petroleum hydrocarbons has been adequately assessed and that the remaining residual petroleum hydrocarbon-impacted soil at the site is limited in vertical and lateral extent. Furthermore, the maximum concentrations of benzene, ethylbenzene, and naphthalene were detected at 0.26 mg/kg, 1.8 mg/kg, and 0.83 mg/kg, respectively, which all fall below residential, commercial/industrial, or utility worker soil screening levels as listed in Table 1 of the Low-Threat Underground Storage Tank Case Closure Policy. Therefore, SAIC proposes to cease remediation and to remove the components of the DPE system from the site.

If you have any questions, please contact Mr. Steve Targanyan the SAIC Project Manager, at (714) 257-6407, or Mr. Daryl Pessler, the CEMC Project Manager, at (714) 671-3277.

Respectfully submitted,
SAIC ENERGY, ENVIRONMENT & INFRASTRUCTURE, LLC

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Project Manager

Richard Vogl
Professional Geologist No. 5526

REGISTERED GEOLOGIST
Richard A. Vogl
No. 5526
4-30-2013
STATE OF CALIFORNIA

Enclosures:

- Plate 1 – Site Location Map
- Plate 2 – Site Vicinity Map
- Plate 3 – Site Plan
- Plate 4 – Site Plan Showing Confirmation Soil Boring Results
- Table 1 – Historical Soil Analytical Data
- Attachment A – OCHCA Letter dated August 24, 2012
- Attachment B – Confirmation Soil Borings Permit
- Attachment C – Geophysical Survey Report
- Attachment D – Soil Boring Logs
- Attachment E – Soil Analytical Laboratory Report
- Attachment F – Multi-Depth Soil-Vapor Probe Construction Diagram

cc: Mr. Daryl Pessler, CEMC
Mr. Mark Sork, Property Owner (E-mailed PDF or CD-ROM)
SAIC Project Files

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REPORT LIMITATIONS

- This technical document was prepared on behalf of Chevron and is intended for its sole use and for use by the local, state or federal regulatory agency that the technical document was sent to by SAIC. Any other person or entity obtaining, using, or relying on this technical document hereby acknowledges that they do so at their own risk, and that SAIC Energy, Environment & Infrastructure, LLC (SAIC) shall have no responsibility or liability for the consequences thereof.

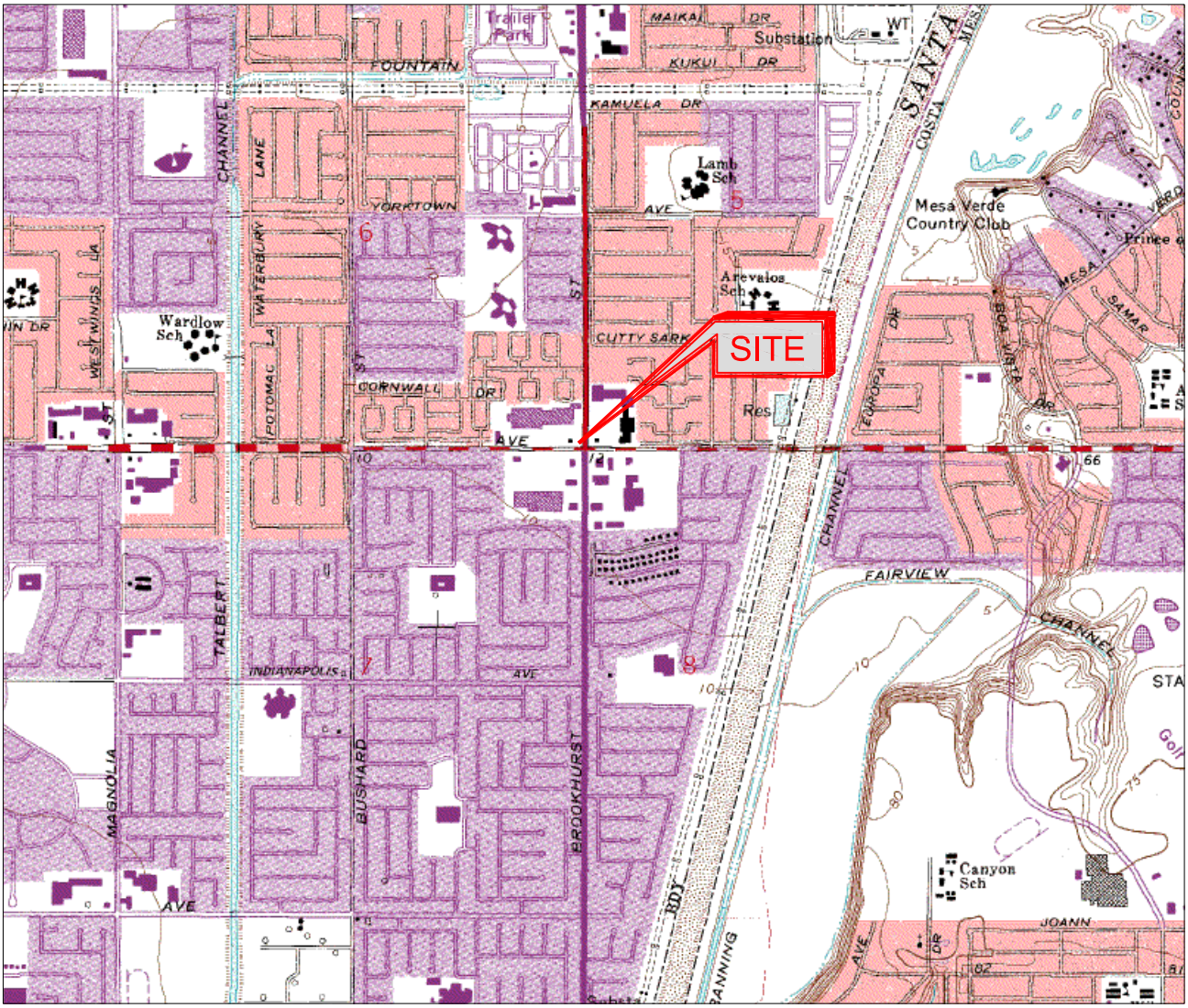
- Site history and background information provided in this technical document are based on sources that may include interviews with environmental regulatory agencies and property management personnel and a review of acquired environmental regulatory agency documents and property information obtained from CEMC and others. SAIC has not made, nor has it been asked to make, any independent investigation concerning the accuracy, reliability, or completeness of such information beyond that described in this technical document.

- Recognizing reasonable limits of time and cost, this technical document cannot wholly eliminate uncertainty regarding the vertical and lateral extent of impacted environmental media.

- Opinions and recommendations presented in this technical document apply only to site conditions and features as they existed at the time of SAIC's site visits or site work and cannot be applied to conditions and features of which SAIC is unaware and has not had the opportunity to evaluate.

- All sources of information on which SAIC has relied in making its conclusions (including direct field observations) are identified by reference in this technical document or in appendices attached to this technical document. Any information not listed by reference or in appendices has not been evaluated or relied upon by SAIC in the context of this technical document. The conclusions, therefore, represent our professional opinion based on the identified sources of information.

PLATES



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SCALE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

REFERENCE: USGS (1981) 7.5-MINUTE QUADRANGLE, NEWPORT BEACH, CALIFORNIA

Chevron Environmental Management Company
FORMER CHEVRON SERVICE STATION NO. 9-8721
9971 ADAMS AVENUE
HUNTINGTON BEACH, CALIFORNIA

SITE LOCATION MAP

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date 10/11	date	date	
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SAIC

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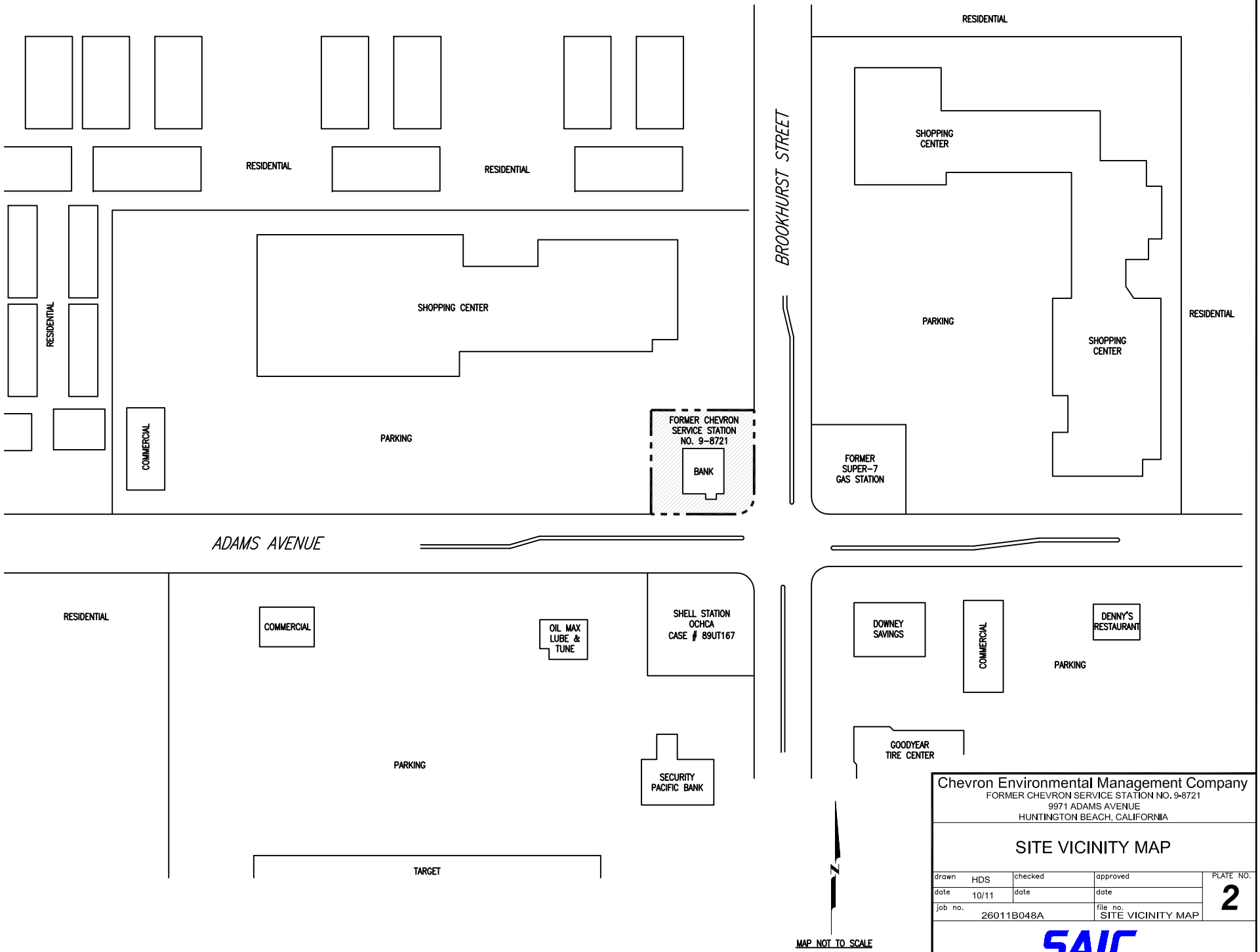

Chevron Environmental Management Company
FORMER CHEVRON SERVICE STATION NO. 9-8721
9971 ADAMS AVENUE
HUNTINGTON BEACH, CALIFORNIA

SITE VICINITY MAP

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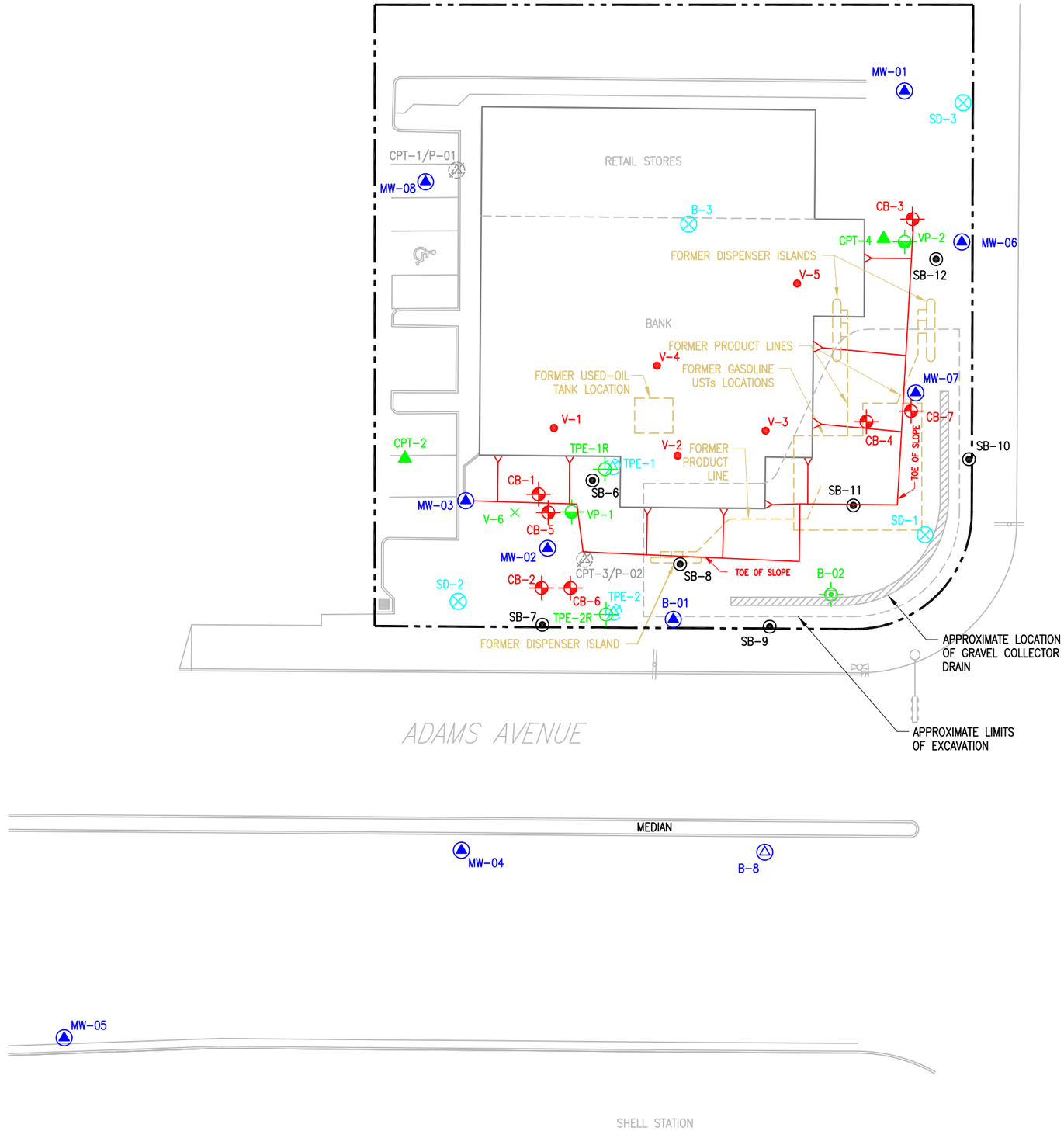
date 10/11	date	date	
job no. 26011B048A		file no. SITE VICINITY MAP	

SAIC

FILE: X:\Drafting\9-8721\BASE\SITE VICINITY MAP.dwg [Model]



EXPLANATION

SURVEYED LOCATION OF:

- GROUNDWATER MONITORING WELL
- 16-INCH-DIAMETER WELL
- SHELL GROUNDWATER MONITORING WELL
- VAPOR PROBE (VP-1 ONLY)
- SUB-SLAB SOIL-VAPOR POINT
- EXTRACTION WELL

APPROXIMATE LOCATION OF:

- VAPOR PROBE (VP-2 ONLY)
- SOIL BORING
- CONFIRMATION SOIL BORING
- ABANDONED GROUNDWATER MONITORING WELL
- ABANDONED PIEZOMETER
- CONE PENTROMETER TEST SOUNDING
- SOIL VAPOR POINT
- ABANDONED EXTRACTION WELL

N

APPROXIMATE
Scale 0 15 30 feet

Chevron Environmental Management Company
FORMER CHEVRON SERVICE STATION NO. 9-8721
9971 ADAMS AVENUE
HUNTINGTON BEACH, CALIFORNIA

SITE PLAN

drawn HDS	checked	approved	PLATE NO. 3
date 12/12	date	date	
job no. 26012B-048C-A10-020		file no. B8721-013	

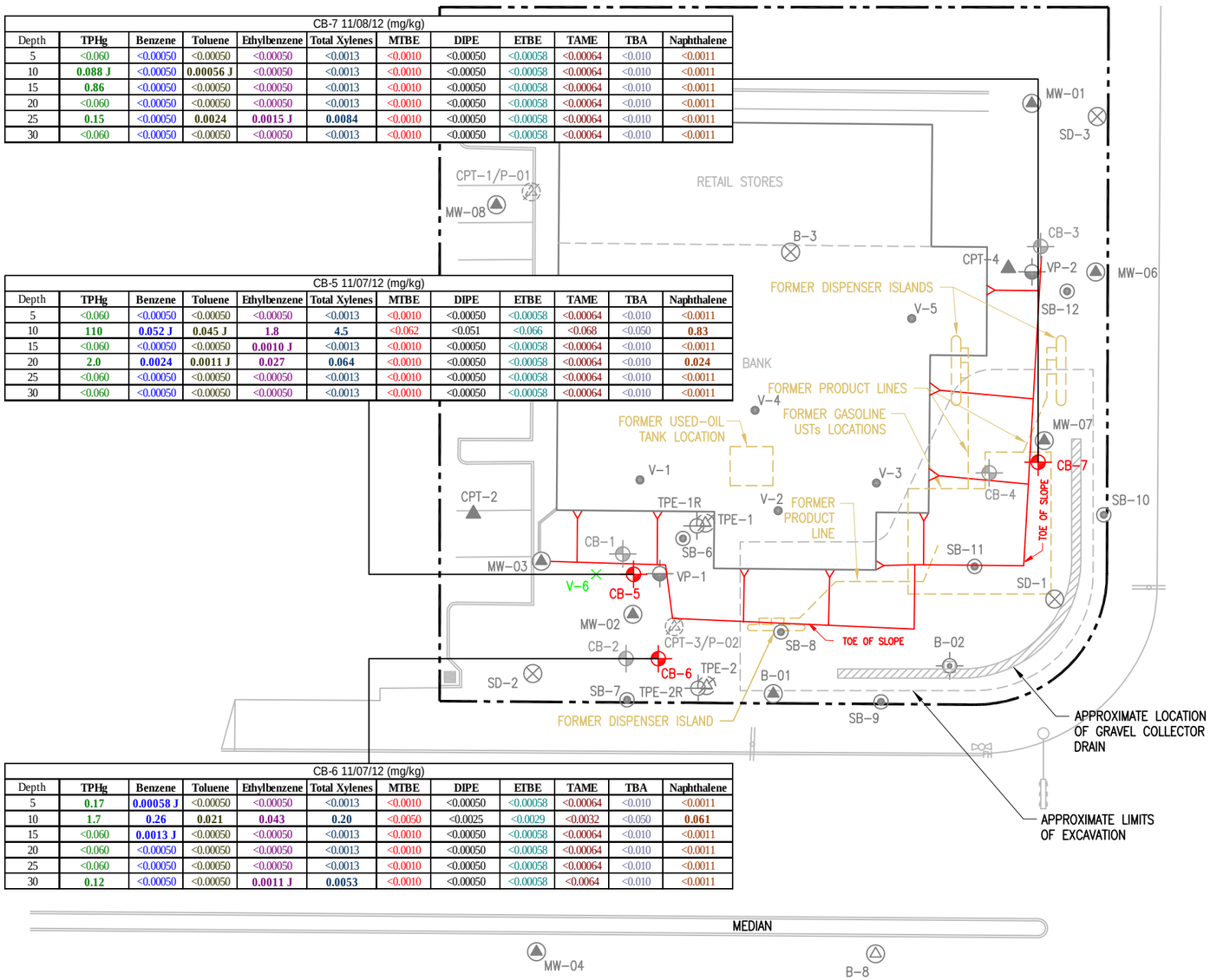
SAIC

FILE: X:\Drafting\9-8721\FIGURE\B8721-013.dwg [Model]

CB-7 11/08/12 (mg/kg)											
Depth	TPHg	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	DIPE	ETBE	TAME	TBA	Naphthalene
5	<0.060	<0.00050	<0.00050	<0.00050	<0.0013	<0.0010	<0.00050	<0.00058	<0.00064	<0.010	<0.0011
10	0.088 J	<0.00050	0.00056 J	<0.00050	<0.0013	<0.0010	<0.00050	<0.00058	<0.00064	<0.010	<0.0011
15	0.86	<0.00050	<0.00050	<0.00050	<0.0013	<0.0010	<0.00050	<0.00058	<0.00064	<0.010	<0.0011
20	<0.060	<0.00050	<0.00050	<0.00050	<0.0013	<0.0010	<0.00050	<0.00058	<0.00064	<0.010	<0.0011
25	0.15	<0.00050	0.0024	0.0015 J	0.0084	<0.0010	<0.00050	<0.00058	<0.00064	<0.010	<0.0011
30	<0.060	<0.00050	<0.00050	<0.00050	<0.0013	<0.0010	<0.00050	<0.00058	<0.00064	<0.010	<0.0011

CB-5 11/07/12 (mg/kg)											
Depth	TPHg	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	DIPE	ETBE	TAME	TBA	Naphthalene
5	<0.060	<0.00050	<0.00050	<0.00050	<0.0013	<0.0010	<0.00050	<0.00058	<0.00064	<0.010	<0.0011
10	110	0.052 J	0.045 J	1.8	4.5	<0.062	<0.051	<0.066	<0.068	<0.050	0.83
15	<0.060	<0.00050	<0.00050	0.0010 J	<0.0013	<0.0010	<0.00050	<0.00058	<0.00064	<0.010	<0.0011
20	2.0	0.0024	0.0011 J	0.027	0.064	<0.0010	<0.00050	<0.00058	<0.00064	<0.010	0.024
25	<0.060	<0.00050	<0.00050	<0.00050	<0.0013	<0.0010	<0.00050	<0.00058	<0.00064	<0.010	<0.0011
30	<0.060	<0.00050	<0.00050	<0.00050	<0.0013	<0.0010	<0.00050	<0.00058	<0.00064	<0.010	<0.0011

CB-6 11/07/12 (mg/kg)											
Depth	TPHg	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	DIPE	ETBE	TAME	TBA	Naphthalene
5	0.17	0.00058 J	<0.00050	<0.00050	<0.0013	<0.0010	<0.00050	<0.00058	<0.00064	<0.010	<0.0011
10	1.7	0.26	0.021	0.043	0.20	<0.0050	<0.0025	<0.0029	<0.0032	<0.050	0.061
15	<0.060	0.0013 J	<0.00050	<0.00050	<0.0013	<0.0010	<0.00050	<0.00058	<0.00064	<0.010	<0.0011
20	<0.060	<0.00050	<0.00050	<0.00050	<0.0013	<0.0010	<0.00050	<0.00058	<0.00064	<0.010	<0.0011
25	<0.060	<0.00050	<0.00050	<0.00050	<0.0013	<0.0010	<0.00050	<0.00058	<0.00064	<0.010	<0.0011
30	0.12	<0.00050	<0.00050	0.0011 J	0.0053	<0.0010	<0.00050	<0.00058	<0.0064	<0.010	<0.0011



EXPLANATION

SURVEYED LOCATION OF:

- GROUNDWATER MONITORING WELL
- 16-INCH-DIAMETER WELL
- SHELL GROUNDWATER MONITORING WELL
- VAPOR PROBE (VP-1 ONLY)
- SUB-SLAB SOIL-VAPOR POINT
- EXTRACTION WELL

APPROXIMATE LOCATION OF:

- VAPOR PROBE (VP-2 ONLY)
- SOIL BORING
- CONFIRMATION SOIL BORING
- CONFIRMATION SOIL BORING
- ABANDONED GROUNDWATER MONITORING WELL
- ABANDONED PIEZOMETER
- CONE PENTROMETER TEST SOUNDING
- SOIL VAPOR POINT
- ABANDONED EXTRACTION WELL

CONCENTRATION IN MILLIGRAMS PER KILOGRAM (mg/kg) FOR:

0.15	TOTAL PETROLEUM HYDROCARBONS AS GASOLINE (TPHg) AS DETERMINED BY EPA METHOD 8260B
0.26	BENZENE AS DETERMINED BY EPA METHOD 8260B
0.021	TOLUENE AS DETERMINED BY EPA METHOC 8260B
0.043	ETHYLBENZENE AS DETERMINED BY EPA METHDOD 8260B
4.5	TOTAL XYLENES AS DETERMINED BY EPA METHOD 8260B
<0.0010	METHYL TERTIARY BUTYL ETHER (MTBE) AS DETERMINED BY EPA METHOD 8260B
<0.00050	DI-ISO PROPYL ETHER (DIPE) AS DETERMINED BY EPA METHOD 8260B
<0.00058	ETHYL TERTIARY BUTYL ETHER (ETBE) AS DETERMINED BY EPA METHOD 8260B
<0.0064	TERETIARY AMYL METHYL ETHER (TAME) AS DETERMINED BY EPA METHOD 8260B
<0.010	TERTIARY BUTYL ALCOHOL (TBA) AS DETERMINED BY EPA METHOD 8260B
0.83	NAPHTHALENE AS DETERMINED BY EPA METHOD 8260B

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APPROXIMATE
Scale 0 15 30 feet

Chevron Environmental Management Company
FORMER CHEVRON SERVICE STATION NO. 9-8721
9971 ADAMS AVENUE
HUNTINGTON BEACH, CALIFORNIA

SITE PLAN SHOWING CONFIRMATION SOIL BORING RESULTS

drawn HDS	checked	approved	PLATE NO.
date 12/12	date	date	4
job no. 26012B-048C-A10-020		file no. B8721-015	

SAIC

FILE: X:\Drafting\9-8721\FIGURE\B8721-015.dwg [Model]

TABLE

Table 1. Historical Soil Analytical Data
Chevron Environmental Management Company
Former Chevron Service Station No. 9-8721
9971 Adams Avenue, Huntington Beach, California

Sample ID	Date Sampled	Sample Depth (feet bgs)	EPA Method 8015 (mg/kg)		EPA Method 8020 (mg/kg)					EPA Method 8260 (mg/kg)											7420
			TPHg	TPHd	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	TPHg	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	DIPE	ETBE	TAME	TBA	Naphthalene	Lead
B-8 (Shell)	01/15/92	5	**0.15**	-	<0.05	<0.05	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-
B-8 (Shell)	01/15/92	10	-	-	**0.07**	**0.4**	**0.2**	**0.7**	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	06/29/93	6	<10	<10	<0.005	<0.005	<0.005	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	**10**
MW-1	06/29/93	11	<10	<10	**0.034**	**0.5**	**0.28**	**1.5**	-	-	-	-	-	-	-	-	-	-	-	-	**9**
CPT-1/P-1	07/12/93	7	<10	<10	<0.005	<0.005	<0.005	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-
CPT-2	07/12/93	7.5	<10	<10	<0.005	<0.005	<0.005	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-
CPT-3/P-2	7/12/1993	7	<10	<10	**0.019**	**0.012**	**0.036**	**0.023**	-	-	-	-	-	-	-	-	-	-	-	-	-
CPT-4	7/12/1993	9	**120**	<10	**0.27**	**0.35**	**0.7**	**0.56**	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	7/13/1999	5	-	-	**0.141**	**0.0388**	**0.259**	**0.481**	<0.020	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	7/13/1999	7	**1,110**	-	**6.93**	**78.2**	**27.1**	**150**	<0.004	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	7/13/1999	10	**4,960**	-	**27.2**	**89.9**	**208**	**443**	<0.01	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	7/13/1999	15	<0.1	-	<0.001	**0.00199**	<0.001	<0.001	<0.01	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	7/13/1999	19	<0.1	-	<0.001	<0.001	<0.001	<0.001	<0.01	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	7/13/1999	5	<0.1	-	<0.001	<0.001	<0.001	<0.001	<0.01	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	7/13/1999	8	<0.1	-	<0.001	<0.001	<0.001	<0.001	<0.01	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	7/13/1999	10	<0.1	-	<0.001	<0.001	<0.001	<0.001	<0.01	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	7/13/1999	15	<0.1	-	<0.001	<0.001	<0.001	<0.001	<0.01	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	7/13/1999	18	<0.1	-	<0.001	<0.001	<0.001	<0.001	<0.01	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	08/16/01	5	<5	-	-	-	-	-	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.01	<0.05	-	-
MW-4	08/16/01	10	<5	-	-	-	-	-	-	-	**0.041**	<0.005	<0.005	**0.0096**	<0.005	<0.01	<0.01	<0.01	<0.05	-	-
MW-4	08/16/01	15	<5	-	-	-	-	-	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.01	<0.05	-	-
MW-4	08/16/01	20	<5	-	-	-	-	-	-	-	<0.005	<0.005	**0.012**	**0.021**	<0.005	<0.01	<0.01	<0.01	<0.05	-	-
MW-5	08/23/01	5	<5	-	-	-	-	-	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.01	<0.05	-	-
MW-5	08/23/01	10	<5	-	-	-	-	-	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.01	<0.05	-	-
MW-5	08/23/01	15	<5	-	-	-	-	-	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.01	<0.05	-	-
MW-5	08/23/01	20	<5	-	-	-	-	-	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.01	<0.05	-	-
SB-6	05/03/02	5	< 0.5	-	-	-	-	-	-	-	<0.0004	< 0.0007	<0.0005	<0.0008	< 0.0011	<0.002	<0.001	<0.002	<0.005	-	-
SB-6	05/03/02	7.5	< 0.5	-	-	-	-	-	-	-	**0.026**	< 0.0007	**0.032**	<0.0008	< 0.0011	<0.002	<0.001	<0.002	<0.005	-	-
SB-6	05/03/02	10	**2,560**	-	-	-	-	-	-	-	**8.41**	**104**	**29.6**	**157**	<0.11	<0.2	<0.1	<0.2	<0.5	-	-
SB-6	05/03/02	16.5	< 0.5	-	-	-	-	-	-	-	**0.283**	**0.0061**	**0.012**	**0.008**	< 0.0011	<0.002	<0.001	<0.002	<0.005	-	-
SB-7	05/03/02	5	< 0.5	-	-	-	-	-	-	-	**0.0062**	<0.0007	<0.0005	<0.0008	< 0.0011	<0.002	<0.001	<0.002	<0.005	-	-
SB-7	05/03/02	9	**4,510**	-	-	-	-	-	-	-	**8.79**	**94.3**	**75.7**	**333**	<0.11	<0.2	<0.1	<0.2	<0.5	-	-
SB-7	05/03/02	11.5	< 0.5	-	-	-	-	-	-	-	**0.572**	<0.0007	**0.0068**	**0.024**	< 0.0011	<0.002	<0.001	<0.002	<0.005	-	-
SB-7	05/03/02	16.5	< 0.5	-	-	-	-	-	-	-	<0.0004	<0.0007	<0.0005	<0.0008	< 0.0011	<0.002	<0.001	<0.002	<0.005	-	-
SB-8	05/03/02	5.5	< 0.5	-	-	-	-	-	-	-	<0.0004	<0.0007	<0.0005	<0.0008	< 0.0011	<0.002	<0.001	<0.002	<0.005	-	-
SB-8	05/03/02	9	**44**	-	-	-	-	-	-	-	**0.036**	**0.0052**	**0.378**	**0.047**	< 0.0011	<0.002	<0.001	<0.002	<0.005	-	-
SB-8	05/03/02	11.5	< 0.5	-	-	-	-	-	-	-	**0.033**	<0.0007	<0.0005	<0.0008	< 0.0011	<0.002	<0.001	<0.002	<0.005	-	-
SB-8	05/03/02	16.5	< 0.5	-	-	-	-	-	-	-	<0.0004	<0.0007	<0.0005	<0.0008	< 0.0011	<0.002	<0.001	<0.002	<0.005	-	-
SB-9	05/03/02	5.5	< 0.5	-	-	-	-	-	-	-	<0.0004	<0.0007	<0.0005	<0.0008	< 0.0011	<0.002	<0.001	<0.002	<0.005	-	-
SB-9	05/03/02	9	**17**	-	-	-	-	-	-	-	<0.04	<0.07	**0.175J**	**0.615**	<0.11	<0.2	<0.1	<0.2	<0.5	-	-
SB-9	05/03/02	11.5	< 0.5	-	-	-	-	-	-	-	**0.012**	<0.0007	<0.0005	<0.0008	< 0.0011	<0.002	<0.001	<0.002	<0.005	-	-

SAIC

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Chevron Environmental Management Company
Former Chevron Service Station No. 9-8721
9971 Adams Avenue, Huntington Beach, California

Sample ID	Date Sampled	Sample Depth (feet bgs)	EPA Method 8015 (mg/kg)		EPA Method 8020 (mg/kg)					EPA Method 8260 (mg/kg)											7420
			TPHg	TPHd	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	TPHg	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	DIPE	ETBE	TAME	TBA	Naphthalene	Lead
SB-9	05/03/02	16.5	< 0.5	-	-	-	-	-	-	-	<0.0004	<0.0007	**0.0025J**	**0.0076**	< 0.0011	<0.002	<0.001	<0.002	<0.005	-	-
SB-10	05/03/02	5	< 0.5	-	-	-	-	-	-	-	<0.0004	<0.0007	<0.0005	<0.0008	< 0.0011	<0.002	<0.001	<0.002	<0.005	-	-
SB-10	05/03/02	9	**5,230**	-	-	-	-	-	-	-	**2.76**	**188**	**92**	**387**	<0.11	<0.2	<0.1	<0.2	<0.5	-	-
SB-10	05/03/02	11.5	< 0.5	-	-	-	-	-	-	-	**0.168**	**0.024**	**0.035**	**0.097**	< 0.0011	<0.002	<0.001	<0.002	<0.005	-	-
SB-10	05/03/02	16.5	< 0.5	-	-	-	-	-	-	-	**0.012**	**0.107**	**0.042**	**0.232**	< 0.0011	<0.002	<0.001	<0.002	<0.005	-	-
SB-11	05/03/02	5	< 0.5	-	-	-	-	-	-	-	<0.0004	<0.0007	<0.0005	<0.0008	< 0.0011	<0.002	<0.001	<0.002	<0.005	-	-
SB-11	05/03/02	7.5	< 0.5	-	-	-	-	-	-	-	**0.0049J**	<0.0007	<0.0005	<0.0008	< 0.0011	<0.002	<0.001	<0.002	<0.005	-	-
SB-11	05/03/02	11.5	< 0.5	-	-	-	-	-	-	-	**0.0059**	<0.0007	<0.0005	<0.0008	< 0.0011	<0.002	<0.001	<0.002	<0.005	-	-
SB-12	05/03/02	5	< 0.5	-	-	-	-	-	-	-	<0.0004	<0.0007	<0.0005	<0.0008	< 0.0011	<0.002	<0.001	<0.002	<0.005	-	-
SB-12	05/03/02	9	**4,960**	-	-	-	-	-	-	-	**5.58**	**71.2**	**66.3**	**336**	<0.11	<0.2	<0.1	<0.2	<0.5	-	-
SB-12	05/03/02	11.5	< 0.5	-	-	-	-	-	-	-	<0.0004	<0.0007	**2.5J**	**0.017**	< 0.0011	<0.002	<0.001	<0.002	<0.005	-	-
VP-1	05/28/02	5	< 0.5	-	-	-	-	-	-	-	<0.04	<0.07	<0.05	<0.08	<0.11	<0.2	<0.1	<0.2	<0.5	-	-
VP-1	05/28/02	8	< 0.5	-	-	-	-	-	-	-	<0.004	<0.007	<0.005	<0.008	<0.011	<0.02	<0.01	<0.02	<0.05	-	-
VP-1	05/28/02	9	< 0.5	-	-	-	-	-	-	-	<0.04	<0.07	<0.05	<0.08	<0.11	<0.2	<0.1	<0.2	<0.5	-	-
VP-1	05/28/02	10	**787**	-	-	-	-	-	-	-	**1.23J**	**10.5**	**6.42**	**27.7**	<1.1	<2	<1	<2	<5	-	-
VP-2	05/28/02	6.5	**5.7**	-	-	-	-	-	-	-	<0.04	<0.07	<0.05	<0.08	<0.11	<0.2	<0.1	<0.2	<0.5	-	-
VP-2	05/28/02	8	**512**	-	-	-	-	-	-	-	**1.29J**	**7.79**	**4.11J**	**10.7**	<1.1	<2	<1	<2	<5	-	-
VP-2	05/28/02	10	**1,680**	-	-	-	-	-	-	-	**3.12J**	**64**	**19.5**	**126**	<1.1	<2	<1	<2	<5	-	-
VP-2	05/28/02	11.5	**6,190**	-	-	-	-	-	-	-	**4.49J**	**43.9**	**92.4**	**500**	<1.1	<2	<1	<2	<5	-	-
MW-6	05/28/02	6.5	**328**	-	-	-	-	-	-	-	<0.4	<0.7	**0.0016J**	<0.8	<1.1	<2	<1	<2	<5	-	-
MW-6	05/28/02	10	**954**	-	-	-	-	-	-	-	<0.4	<0.7	**11**	<0.8	<1.1	<2	<1	<2	<5	-	-
MW-6	05/28/02	15	< 0.5	-	-	-	-	-	-	-	<0.0004	<0.0007	**0.0041J**	<0.0008	< 0.0011	<0.002	<0.001	<0.002	<0.005	-	-
MW-6	05/28/02	20	< 0.5	-	-	-	-	-	-	-	<0.04	<0.07	<0.05	<0.08	<0.11	<0.2	<0.1	<0.2	<0.5	-	-
TPE-1	07/30/03	5	**13**	-	-	-	-	-	-	-	<0.002	<0.002	**6**	<0.002	<0.005	<0.005	<0.005	<0.005	<0.02	-	-
TPE-1	07/30/03	10	**560**	-	-	-	-	-	-	-	**1.1**	**2.1**	**10**	**32**	<0.25	<0.25	<0.25	<0.25	<1	-	-
TPE-1	07/30/03	15	**6,000**	-	-	-	-	-	-	-	**5.3**	**75**	**38**	**200**	<1	<1	<1	<1	<4	-	-
TPE-2	07/23/03	5	**4.6**	-	-	-	-	-	-	-	**0.63**	**0.018J**	**1.4**	**0.37**	<0.025	<0.025	<0.025	<0.025	<1	-	-
TPE-2	07/23/03	10	**3.1**	-	-	-	-	-	-	-	**0.98**	<0.05	**1.4**	**5.9**	<0.05	<0.05	<0.05	<0.05	<2	-	-
TPE-2	07/23/03	15	<0.25	-	-	-	-	-	-	-	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.02	-	-
MW-7	07/23/03	5	**0.3J**	-	-	-	-	-	-	-	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.02	-	-
MW-7	07/23/03	10	<0.25	-	-	-	-	-	-	-	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.02	-	-
MW-7	07/23/03	15	<0.25	-	-	-	-	-	-	-	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.02	-	-
MW-7	07/23/03	20	<0.25	-	-	-	-	-	-	-	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.02	-	-
CB-1	10/07/05	5	<0.10	-	-	-	-	-	-	-	<0.00050	<0.00091	<0.00051	<0.00075	**0.0011J**	<0.00037	<0.00058	<0.00064	<0.0050	-	-
CB-1	10/10/05	10	**160**	-	-	-	-	-	-	-	**0.84**	**0.94**	**4.4**	**20**	<0.062	<0.051	<0.066	<0.068	<0.50	-	-
CB-1	10/10/05	15	**0.13J**	-	-	-	-	-	-	-	0.00089J	0.0037J	<0.00091	0.013	<0.0010	<0.00037	<0.00058	<0.00064	<0.0050	-	-
CB-2	10/07/05	5	<0.10	-	-	-	-	-	-	-	**0.00050J**	**0.0014J**	**0.00094J**	**0.00090J**	**0.0020J**	<0.00037	<0.00058	<0.00064	<0.0050	-	-
CB-2	10/10/05	10	**2,100**	-	-	-	-	-	-	-	**3.7J**	**53**	**58**	**290**	<1.2	<1.0	<1.3	<1.4	<10	-	-
CB-2	10/10/05	15	**0.10J**	-	-	-	-	-	-	-	**0.00068J**	**0.0049J**	**0.0044J**	**0.022**	<0.0010	<0.00037	<0.00058	<0.00064	<0.0050	-	-
CB-3	10/07/05	5	**280**	-	-	-	-	-	-	-	<0.0043	<0.0078	**1.3**	**1.2**	<0.0086	<0.0032	<0.0050	<0.0055	<0.043	-	-

SAIC

Table 1. Historical Soil Analytical Data
Chevron Environmental Management Company
Former Chevron Service Station No. 9-8721
9971 Adams Avenue, Huntington Beach, California

Sample ID	Date Sampled	Sample Depth (feet bgs)	EPA Method 8015 (mg/kg)		EPA Method 8020 (mg/kg)					EPA Method 8260 (mg/kg)											7420
			TPHg	TPHd	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	TPHg	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	DIPE	ETBE	TAME	TBA	Naphthalene	Lead
CB-3	10/10/05	10	**1,000**	-	-	-	-	-	-	-	**1.7**	**9.3**	**39**	**190**	<0.25	<0.20	<0.26	<0.27	<2.0	-	-
CB-3	10/10/05	15	**0.22**	-	-	-	-	-	-	-	**0.00065J**	**0.0021J**	**0.0099**	**0.048**	<0.0010	<0.00037	<0.00058	<0.00064	<0.0050	-	-
CB-3D	10/10/05	15	**0.10J**	-	-	-	-	-	-	-	<0.00050	<0.00091	**0.0016J**	**0.0073**	<0.0010	<0.00037	<0.00058	<0.00064	<0.0050	-	-
CB-3	10/10/05	20	**0.10J**	-	-	-	-	-	-	-	<0.00050	<0.00091	**0.0026J**	**0.0097**	<0.0010	<0.00037	<0.00058	<0.00064	<0.0050	-	-
CB-4	10/07/05	5	<0.10	-	-	-	-	-	-	-	<0.00050	<0.00091	<0.00051	<0.00075	<0.0010	<0.00037	<0.00058	<0.00064	<0.0050	-	-
CB-4	10/10/05	10	1.8	-	-	-	-	-	-	-	<0.00050	<0.00091	<0.00051	<0.0075	<0.0010	<0.00037	<0.00058	<0.00064	<0.0050	-	-
CB-4	10/10/05	15	<0.10	-	-	-	-	-	-	-	<0.00050	<0.00091	<0.00051	**0.00093J**	<0.0010	<0.00037	<0.00058	<0.00064	<0.0050	-	-
CB-5	11/07/12	5	-	-	-	-	-	-	-	<0.060	<0.00050	<0.00050	<0.00050	<0.0013	<0.0010	<0.00050	<0.00058	<0.00064	<0.010	<0.0011	-
CB-5	11/07/12	10	-	-	-	-	-	-	-	**110**	**0.052 J**	**0.045 J**	**1.8**	**4.5**	<0.062	<0.051	<0.066	<0.068	<0.050	**0.83**	-
CB-5	11/07/12	15	-	-	-	-	-	-	-	<0.060	<0.00050	<0.00050	**0.0010 J**	<0.0013	<0.0010	<0.00050	<0.00058	<0.00064	<0.010	<0.0011	-
CB-5	11/07/12	20	-	-	-	-	-	-	-	**2.0**	**0.0024**	**0.0011 J**	**0.027**	**0.064**	<0.0010	<0.00050	<0.00058	<0.00064	<0.010	**0.024**	-
CB-5	11/07/12	25	-	-	-	-	-	-	-	<0.060	<0.00050	<0.00050	<0.00050	<0.0013	<0.0010	<0.00050	<0.00058	<0.00064	<0.010	<0.0011	-
CB-5	11/07/12	30	-	-	-	-	-	-	-	<0.060	<0.00050	<0.00050	<0.00050	<0.0013	<0.0010	<0.00050	<0.00058	<0.00064	<0.010	<0.0011	-
CB-6	11/07/12	5	-	-	-	-	-	-	-	**0.17**	**0.00058 J**	<0.00050	<0.00050	<0.0013	<0.0010	<0.00050	<0.00058	<0.00064	<0.010	<0.0011	-
CB-6	11/07/12	10	-	-	-	-	-	-	-	**1.7**	**0.26**	**0.021**	**0.043**	**0.20**	<0.0050	<0.0025	<0.0029	<0.0032	<0.050	**0.061**	-
CB-6	11/07/12	15	-	-	-	-	-	-	-	<0.060	**0.0013 J**	<0.00050	<0.00050	<0.0013	<0.0010	<0.00050	<0.00058	<0.00064	<0.010	<0.0011	-
CB-6	11/07/12	20	-	-	-	-	-	-	-	<0.060	<0.00050	<0.00050	<0.00050	<0.0013	<0.0010	<0.00050	<0.00058	<0.00064	<0.010	<0.0011	-
CB-6	11/07/12	25	-	-	-	-	-	-	-	<0.060	<0.00050	<0.00050	<0.00050	<0.0013	<0.0010	<0.00050	<0.00058	<0.00064	<0.010	<0.0011	-
CB-6	11/07/12	30	-	-	-	-	-	-	-	**0.12**	<0.00050	<0.00050	**0.0011 J**	**0.0053**	<0.0010	<0.00050	<0.00058	<0.0064	<0.010	<0.0011	-
CB-7	11/08/12	5	-	-	-	-	-	-	-	<0.060	<0.00050	<0.00050	<0.00050	<0.0013	<0.0010	<0.00050	<0.00058	<0.00064	<0.010	<0.0011	-
CB-7	11/08/12	10	-	-	-	-	-	-	-	**0.088 J**	<0.00050	**0.00056 J**	<0.00050	<0.0013	<0.0010	<0.00050	<0.00058	<0.00064	<0.010	<0.0011	-
CB-7	11/08/12	15	-	-	-	-	-	-	-	**0.86**	<0.00050	<0.00050	<0.00050	<0.0013	<0.0010	<0.00050	<0.00058	<0.00064	<0.010	<0.0011	-
CB-7	11/08/12	20	-	-	-	-	-	-	-	<0.060	<0.00050	<0.00050	<0.00050	<0.0013	<0.0010	<0.00050	<0.00058	<0.00064	<0.010	<0.0011	-
CB-7	11/08/12	25	-	-	-	-	-	-	-	**0.15**	<0.00050	**0.0024**	**0.0015 J**	**0.0084**	<0.0010	<0.00050	<0.00058	<0.00064	<0.010	<0.0011	-
CB-7	11/08/12	30	-	-	-	-	-	-	-	<0.060	<0.00050	<0.00050	<0.00050	<0.0013	<0.0010	<0.00050	<0.00058	<0.00064	<0.010	<0.0011	-
QA-T	10/07/05	-	<0.05	-	-	-	-	-	-	-	<0.00028	<0.00036	<0.00025	<0.00052	<0.00032	<0.00025	<0.00028	<0.00033	<0.0031	-	-
QA-AT	10/07/05	-	<0.05	-	-	-	-	-	-	-	<0.00028	<0.00036	<0.00025	<0.00052	<0.00032	<0.00025	<0.00028	<0.00033	<0.0031	-	-
QA-T	10/07/05	-	<0.05	-	-	-	-	-	-	-	<0.00028	<0.00036	<0.00025	<0.00052	<0.00032	<0.00025	<0.00028	<0.00033	<0.0031	-	-
TPE-1R	03/11/08	15	**7.1**	-	-	-	-	-	-	-	**0.074**	**0.12**	**0.12**	**0.23**	ND<0.0005	ND<0.001	ND<0.001	ND<0.001	ND<0.021	-	-
TPE-1R	03/11/08	20	**0.63**	-	-	-	-	-	-	-	**0.006**	**0.018**	**0.018**	**0.067**	ND<0.0005	ND<0.001	ND<0.001	ND<0.001	ND<0.019	-	-
TPE-1R	03/11/08	25	**0.26**	-	-	-	-	-	-	-	**0.007**	**0.022**	**0.014**	**0.059**	ND<0.0005	ND<0.001	ND<0.001	ND<0.001	ND<0.022	-	-
TPE-1R	03/11/08	30	ND<0.044	-	-	-	-	-	-	-	ND<0.0005	ND<0.001	ND<0.001	ND<0.001	ND<0.0005	ND<0.001	ND<0.001	ND<0.001	ND<0.020	-	-
TPE-2R	03/24/08	20	ND<0.044	-	-	-	-	-	-	-	ND<0.0005	ND<0.001	ND<0.001	ND<0.001	ND<0.0005	ND<0.001	ND<0.001	ND<0.001	ND<0.020	-	-
TPE-2R	03/24/08	25	ND<0.044	-	-	-	-	-	-	-	ND<0.0005	ND<0.001	ND<0.001	ND<0.001	ND<0.0005	ND<0.001	ND<0.001	ND<0.001	ND<0.020	-	-

Notes:

mg/kg	- miligrams per kilogram
TPHg	- total petroleum hydrocarbons as gasoline
TPHd	- total petroleum hydrocarbons as diesel
MTBE	- methyl tertiary butyl ether
ETBE	- ethyl tertiary butyl ether
DIPE	- di-isopropyl ether
TAME	- tertiary amyl methyl ether
TBA	- tertiary butyl alcohol
-	- not analyzed
J	- denotes a value between the method detection limit and the laboratory reporting limit
feet bgs	- feet below ground surface
CB3D	- denotes a duplicate soil sample
QA-AT	- denotes an atmospheric blank

SAIC

ATTACHMENT A

OCHCA LETTER DATED AUGUST 24, 2012

COUNTY OF ORANGE
HEALTH CARE AGENCY

PUBLIC HEALTH SERVICES
ENVIRONMENTAL HEALTH

MARK A. REFOWITZ
DIRECTOR

DAVID M. SOULELES, MPH
DEPUTY AGENCY DIRECTOR

RICHARD SANCHEZ, REHS, MPH
DIRECTOR
ENVIRONMENTAL HEALTH

MAILING ADDRESS:
1241 E. DYER RD., #120
SANTA ANA, CA 92705-5611

TELEPHONE: (714) 433-6000
FAX: (714) 754-1732
E-MAIL: ehealth@ochca.com

Excellence
Integrity
Service

RECEIVED
AUG 24 2012
BY: MJM

August 24, 2012

Daryl Pessler
Chevron Environmental Management Company
PO Box 2292
Brea, CA 92822-2292

Subject: Confirmation Soil Borings, Sub-Slab Vapor Sampling, and Soil Vapor Investigation Work Plan dated August 13, 2012

Re: Chevron Station #9-8721
9971 Adams Avenue
Huntington Beach, CA
OCHCA Case #91UT079

Dear Mr. Pessler:

The Orange County Local Oversight Program (OCLOP) has reviewed the subject report prepared by Science Applications International Corporation (SAIC) and has the following comments:

1. As recommended in the October 2011 guidance published by the Department of Toxic Substances Control please use the attenuation factor of 0.05 in evaluating all sub-slab vapor sampling points.

2. Teflon tubing must be utilized for construction of the proposed soil vapor sampling probe.

3. The work plan does not provide detection limits for the chemicals of concern. Please ensure that selected detection limits for all chemicals of potential concern do not result in unacceptable levels of risk based on site specific risk modeling parameters when input into vapor intrusion models.

4. After further review of the soil data presented, the OCLOP requires that all proposed confirmation borings be drilled and sampled to a total depth of 30 feet below ground surface (bgs) rather than 20 feet bgs.

5. Work activities, as presented in the subject work plan, must be conducted within 60 days of receipt of this letter.

6. The report documenting the results of the assessment must be submitted within 45 days of completion of field activities.

7. This Agency must be notified a minimum of 48-hours prior to conducting field activities.

If you have any questions, please call me at (714) 433-6251.

Sincerely,

Original signed by

Tamara Escobedo
Hazardous Waste Specialist
Hazardous Materials Mitigation Section
Environmental Health

cc: Tom E. Mbeke-Ekanem, Santa Ana Regional Water Quality Control Board (electronic copy)
Steve Targanyan, SAIC (electronic copy)

ATTACHMENT B

CONFIRMATION SOIL BORINGS PERMIT

RECEIVED HCA

APPLICATION FOR WELL CONSTRUCTION PERMIT

ORANGE COUNTY HEALTH CARE AGENCY
ENVIRONMENTAL HEALTH DIVISION
1241 E. DYER ROAD, SUITE 120
SANTA ANA, CA 92705-4720
(714) 433-6000
FAX: (714) 433-6481

OCT 09 2012

CITY: HUNTINGTON BEACH

DATE: 10/9/12 ENVIRONMENTAL HEALTH

WELL LOCATION (ADDRESS IF AVAILABLE): 9971 ADAMS AVENUE

NAME OF WELL OWNER: CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY

ADDRESS: 145 S. STATE COLLEGE BLVD.

CITY: BREA ZIP: 92821 TELEPHONE:

NAME OF CONSULTING FIRM: SAIC

BUSINESS ADDRESS: 590 WEST CENTRAL AVENUE

CITY: BREA ZIP: 92821 TELEPHONE: (714) 257-6415

NAME OF DRILLING CO.: H&P MOBILE GEOCHEMISTRY INC. C-57 LICENSE NO.: #920371

CITY: CARLSBAD ZIP: 92010 TELEPHONE: (760) 804-9678

TYPE OF WELL *(CHECK)*

- PRIVATE DOMESTIC ☐
- PUBLIC DOMESTIC ☐
- IRRIGATION ☐
- CATHODIC ☐
- PROBE SURVEY ☑
- MONITORING ☐
- SOIL BORING ☐
- OTHER ☐
- TOTAL NUMBER 3

A. WELLS – SUBMIT A WELL CONSTRUCTION DIAGRAM (INCLUDE DIMENSIONS)

B. SOIL BORINGS AND PROBES –
TOTAL DEPTH 30 FEET BELOW GRAND SURFACE
SEALING MATERIAL BENTONITE GROUT

C. PROPOSED START DATE

DIAGRAM OF WELL SITE *(Use additional sheets and/or attachments)*

☑ SITE PLAN ATTACHED

I hereby agree to comply in every respect with all requirements of the Health Care Agency and with all ordinances and laws of the County of Orange and of the State of California pertaining to well construction, reconstruction and destruction, including the requirements to maintain the integrity of all significant confining zones.

APPLICANT'S SIGNATURE: [signature] DATE: 10/8/12

PRINT NAME: RYAN TEOXON

PHONE NUMBER: (714) 257-6437 FAX NUMBER:

WELL PERMIT NUMBER: 12-10-08

RPT 10/9/12

FOR ACCOUNTING USE ONLY:

HSO NO. 344339 CHECK NO. 107082

DATE 10-9-12 AMOUNT ~~740~~ 419-

INTL. NS

APPROVAL BY OTHER AGENCIES:

JURISDICTION

REMARKS

AUTHORIZED SIGNATURE DATE

DISPOSITION OF PERMIT (DO NOT FILL IN):

☒ **APPROVED** SUBJECT TO THE FOLLOWING CONDITIONS:

A. NOTIFY THIS AGENCY AT LEAST **48 HOURS**
☒ PRIOR TO START. CALL (714) 433-6288
☐ PRIOR TO SEALING THE ANNULAR SPACE OR FILLING OF THE CONDUCTOR CASING.

B. ☐ SUBMIT TO THE AGENCY WITHIN 30 DAYS AFTER COMPLETION OF WORK, A WELL COMPLETION REPORT AND/OR DRILLING LOGS. PLEASE REFERENCE PERMIT NO.

C. ☐ SECURE ALL MONITORING WELLS TO PREVENT TAMPERING.

D. ☐ OTHER

☐ **DENIED**

PERMIT ISSUED BY: [signature] DATE: 10/9/2012

PRINT NAME: DAN YOKOYAMA PHONE NUMBER: (714) 433-6288

WHEN SIGNED BY ORANGE COUNTY HEALTH CARE AGENCY REPRESENTATIVE, THIS APPLICATION IS A PERMIT.

F272-09.0803 (R11/01)

County of Orange
Environmental Health
1241 E Dyer Rd, Ste 120
Santa Ana, CA 92705
(714)433-6000

Sales Receipt

Transaction #: 55974
Date: 10/9/2012 Time: 4:26:52 PM
Cashier: 002 Register #: 1

Reference: HSO 344339
CHEVRON ENVIRONMENTAL

Item	Description	Amount
21	WELLS (CONST, RECON, DE	$419.00
70	TRUST FUND - CLIENT REF	$321.00
	Sub Total	$740.00
	Total	$740.00
	Check Tendered	$740.00
	Change Due	$0.00

55974
County of Orange
Environmental Health
www.ocfoodinfo.com

ORANGE COUNTY HEALTH CARE AGENCY
ENVIRONMENTAL HEALTH DIVISION
HEALTH SERVICE ORDER

344339

Date 10·9·12 Initials NS
Client Name Chevron Environmental
Address 145 S. State College Blvd
Brea 92821 Ph#
Paid By Saic Energy, Environment & Instrastruct
Address 9400 N. Broadway #300
Oklahoma City 73114 Ph#

Please circle the respective service code(s)

01	CEQ/HSF (Acct/Bat#)	$
02	CEQ Plan Check/Foods (PC#)	$
03	CEQ Plan Check/Pools (PC#)	$
04	Food Vehicles Cat	$
	Decal No(s)	
05	CEQ/Court Restitution/Judgmant	$
	Name	
	Case#	
06	Hotels/Motels (Acct/Bat#)	$
07	Massage Parlor (Acct/Bat#)	$
08	Noise	$
09	Liquid Waste Hauler	$
10	Farm Labor Camp Registration	$
11	Aboveground Petroleum Storage Act	$
12	Hazardous Waste (Acct/Bat#)	$
13	Hazardous Waste Fines	$
14	Hazardous Waste Restitution/Judgment	$
	Name	
	Case#	
15	Hazardous Waste Clean-up	$
16	Medical Waste/Body Art)	$
17	UST/HSF (Acct/Bat#)	$
18	UST Plan Check (PC#)	$
19	UST State Surcharge	$
20	UST Restitution/Judgment	$
	Name	
	Case#	
21	Wells (Const____ Recon____ Destr ____)	$ 419
	Water____ Cath____ Init. Monit. ____)	
	Add. Monit.____ #Wells	
	Driller	
	Consultant	
22	Backflow/Cross Connection	$
	Client(s)	
23	Small Water Systems	$
24	CUPA - Base Fee	$
25	CUPA - CalArp	$
26	FOG - OC Sanitation District	$
27	Tierred Permitting	$
70	OTHER Refund	$ 321
__	OTHER	$
__	OTHER	$
__	OTHER	$
	PAID BY CHECK NO:	

WHITE: Client's Copy YELLOW: Accounting Copy MANILILA: Cashier's Copy

F272-9.1539 (R 5/12)

55974

ATTACHMENT C

GEOPHYSICAL SURVEY REPORT

SubSurface Surveys
& Associates, Inc.
An Applied Geophysical Company

2075 Corte Del Nogal, Suite W
Carlsbad, California 92011

Office: (760) 476-0492
Fax: (760) 476-0493

October 23rd, 2012

SAIC
590 W Central Avenue
Suite I
Brea, California 92821

Project Number: 12-404

Attn: **Ryan Teoxon**

Re: Geophysical Survey, 4 Boreholes, Fmr Chevron Station #9-8721, 9971 Adams Ave, Huntington Beach, California.

This report is to present the results of our geophysical survey carried out over portions of property of former Chevron Service Station #9-8721 located at 9971 Adams Avenue in Huntington Beach, California (Figure 1), on October 15th, 2012. Purpose of the survey was to locate and identify, insofar as possible, piping, conduit, and other buried features that may exist in the vicinity of four (4) specific locations designated for future drilling activities.

A combination of electromagnetic induction (EM), magnetometry, and ground penetrating radar (GPR) were applied to the search. A utility locator with line tracing capabilities was also brought to the field and used where risers exist onto which a signal could be impressed and traced.

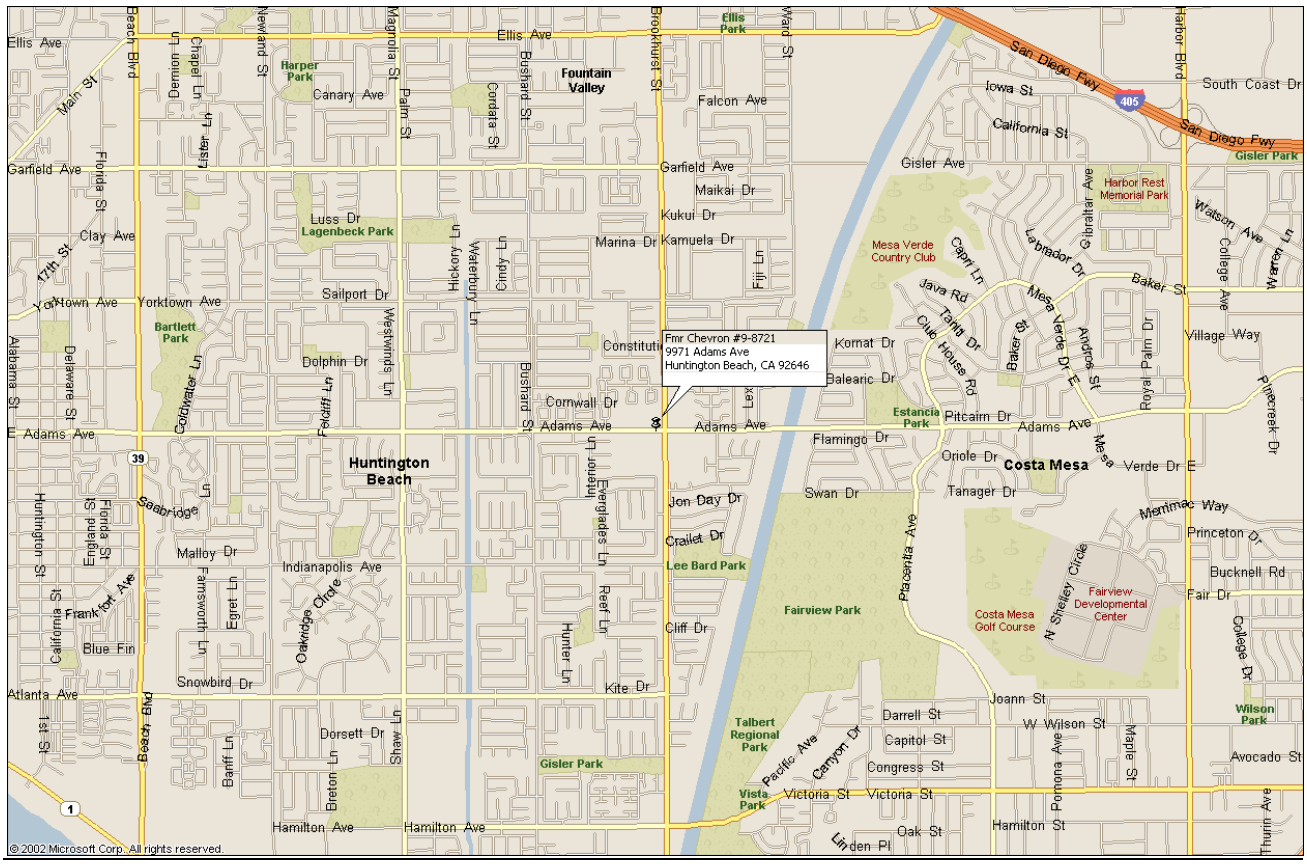

FIGURE 1 –Site Location Map

Survey Design – The areas to be surveyed, along with the specific borehole locations, were indicated in the field by the client. All four boreholes were located within the planter. The magnetic gradiometer, EM-61, line tracer, M-Scope and GPR were traversed systematically over each borehole along the eight lines of the standard search pattern (Figure 2), wherein, there are two sets of three parallel lines, mutually orthogonal, and two diagonals, all centered on the marked drill location. Adjacent parallel lines are approximately 5 feet apart, and each line is approximately 20 feet long, access permitting. Other traverses were taken, access permitting, for detailing and confirmation where anomalous conditions were found.

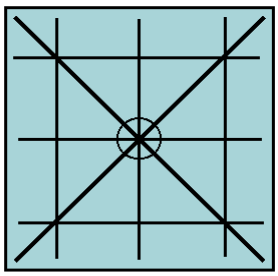

Figure 2: Standard search pattern around target

Hard copy of the EM data was not acquired, that is, discrete readings on the nodes of a grid were not recorded that could be put into a contoured map format. Rather, the instruments' meters were read continuously, and in real-time, during each traverse. This free-traversing method allowed for immediate detection of anomalous objects and facilitated the opportunity to investigate them further, without first having to download data in the office. The lack of hard copy for EM data sets does not degrade the quality of the survey in any way. Hard copy merely provides a basis for report documentation of these geophysical fields, if such documentation is needed.

A Geonic's model EM61 and a Fischer M-Scope was used for the EM sampling. A Sensors and Software Noggin Ground Penetrating Radar unit with a 500 MHz antenna produced the radar images. The magnetic gradiometer was a Schonstedt GA-52, and a Metrotech 9890 and RIDGID SR-60 SeekTech utility locator rounded out the tools applied.

Brief Description of the Geophysical Methods Applied - The line locator is used to passively detect energized high voltage electric lines and electrical conduit (50-60 Hz), VLF signals (14-22 kHz), as well as to actively trace other utilities. Where risers are present, the utility locator transmitter can be connected directly to the object, and a signal (9.8-82 kHz) is sent traveling along the conductor, pipe, conduit, etc. In the absence of a riser, the transmitter can be used to impress an input signal on the utility by induction. In either case, the receiver unit is tuned to the input signal, and is used to actively trace the signal along the pipe's surface projection.

The magnetic gradiometer has two flux gate magnetic fixed sensors that are passed closely to and over the ground. When not in close proximity to a magnetic object, that is, only in the earth's field, the instrument emits a sound signal at a low frequency. When the instrument passes over a buried iron or steel object, so that locally there is a high magnetic gradient, the frequency of the emitted sound increases. The frequency is a function of the gradient between the two sensors.

The EM61 instrument is a high resolution, time-domain device for detecting buried conductive objects. It consists of a powerful transmitter that generates a pulsed primary magnetic field when its coils are energized, which induces eddy currents in nearby conductive objects. The decay of the eddy currents, following the input

pulse, is measured by the coils, which in turn serve as receiver coils. The decay rate is measured for two coils, mounted concentrically, one above the other. By making the measurements at a relatively long time interval (measured in milliseconds) after termination of the primary pulse, the response is nearly independent of the electrical conductivity of the ground. Thus, the instrument is a super-sensitive metal detector. Due to its unique coil arrangement, the response curve is a single well-defined positive peak directly over a buried conductive object. This facilitates quick and accurate location of targets.

The GPR instrument beams energy into the ground from its transducer/antenna, in the form of electromagnetic waves. A portion of this energy is reflected back to the antenna at a boundary in the subsurface across which there is an electrical contrast. The instrument produces a continuous record of the reflected energy as the antenna is traversed across the ground surface. The greater the electrical contrast, the higher the amplitude of the returned energy. The radar wave travels at a velocity unique to the material properties of the ground being investigated, and when these velocities are known, the two-way travel times can be converted to depth. The depth of penetration and image resolution produced are a function of ground electrical conductivity and dielectric constant.

The M-Scope device energizes the ground by producing an alternating primary magnetic field with AC current in a transmitting coil. If conducting materials are within the area of influence of the primary field, AC eddy currents are induced to flow in the conductors. A receiving coil senses the secondary magnetic field produced by these eddy currents, and outputs the response to a meter in the form of ground conductivity values for the M-Scope. The strength of the secondary field is a function of the conductivity of the object, say a pipe, tank or cluster of drums, its size, and its depth and position relative to the instrument's two coils. Conductive objects, to a depth of approximately 7 feet for the M-Scope are sensed. The devices are also somewhat focused; that is, they are more sensitive to conductors below the instrument than they are to conductors off to the side.

Interpretation and Conclusions - The interpretation took place in real time as the survey progressed, and accordingly, the findings of our investigation were marked on the ground cover with spray chalk paint at the site, and further documented with site photographs of each borehole location (Figures 3-5).

The EM and magnetic instruments were effective at locating and delineating metallic objects and utilities over the search areas. GPR was useful at detecting both metallic and non-metallic lines and utilities. According to principles of physics, radar penetration is a function of soil conductivity and dielectric constant. At this site, local conditions were unfavorable for radar penetration due to the nature of the soil and materials covering the survey areas. This resulted in radar penetration down to approximately 2.0 feet bgs.

Piping and utilities detected during the survey were marked with spray chalk paint on the ground cover, using blue for water, red for electric, orange for unknown utility type, yellow for gas and green for sanitary sewer/storm drain.

Once all detectable buried cultural objects were marked and accounted for, each borehole was then repositioned, if applicable, to be at least two feet from any line/utility detected in the vicinity. Each borehole was then marked cleared by Subsurface Surveys and Associates with a white circle, pink feather marker and a yellow “SSS”. Please refer to the photographs along with the markings in the field for a better representation of our findings.

<u>Limitations and Further Recommendations</u> - It should be understood that limitations inherent in geophysical instruments and/or surveying techniques exist at all sites, and nearly all sites exhibit conditions under which instruments might not perform optimally. Consequently, the detection of buried objects in all circumstances **cannot be guaranteed**. Such limitations are numerous and include, but are not limited to, rebar-reinforced ground cover, abrupt changes in ground cover type, above-ground obstacles preventing full traverses or traverses in one direction only, above-ground conductive objects interfering with instrument signal, nearby powerlines or EM transmitters, highly conductive background soil conditions, limiting GPR penetration, non-metallic targets, shallower or larger objects shielding deeper or smaller targets, tracing signal jumping from one line to another, and inaccessible risers, cleanouts, valve boxes, and manholes. If one or more geophysical instrument is rendered ineffective and cannot be utilized, the quality of the survey can be somewhat degraded.

For the above reasons, and in the interest of maximum safety, we encourage our clients to take advantage of Underground Service Alert (USA), Dig Alert, or other similar services, when possible. Furthermore, we recommend hand-auguring and the use of a drilling method known as air knifing and vacuum extraction, when feasible or if applicable to this project. These methods may significantly limit damage to underground pipes, conduits, and utilities that might not have been detectable during the course of this survey. Please bear in mind, that geophysical surveying is only one of several levels of protection that is available to our clients.

SubSurface Surveys may include maps in some reports. While they are an accurate general representation of the site and our findings, they are not of engineering quality (i.e., measured and mapped by a licensed land surveyor).

SubSurface Surveys and Associates makes no guarantee either expressed or implied regarding the accuracy of the findings and interpretations present. And, in no event will SubSurface Surveys and Associates be liable for any direct, indirect, special, incidental, or consequential damages resulting from interpretations and opinions presented herewith.

All data acquired in these surveys are in confidential file in this office, and are available for review by your staff, or by us at your request, at any time. We appreciate the opportunity to participate in this project. Please call, if there are questions.

Bret Herman
Staff Geophysicist

Travis Crosby, GP# 1044
Staff Geophysicist

Figure 3

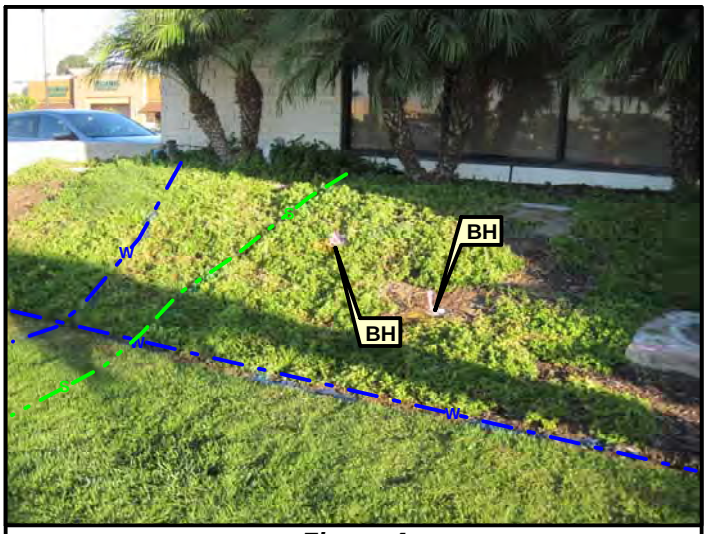

Figure 4

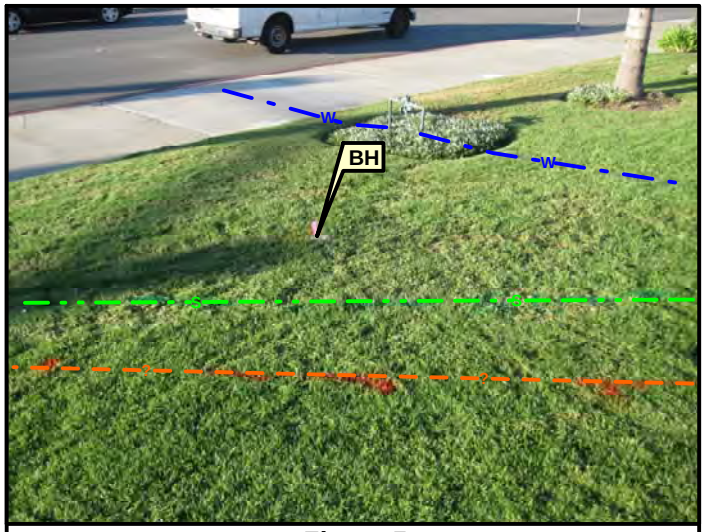

Figure 5

NO PHOTO

NO PHOTO

NO PHOTO

Sub Surface Surveys	SITE: **Former Chevron Station #9-8721** **9971 Adams Avenue** **Huntington Beach, California**	TITLE: **Borehole Survey** PREPARED FOR: **SAIC**	SURVEY DATE: **October 15th, 2012** SSS PROJECT NO: **12-404**

ATTACHMENT D

SOIL BORING LOGS

SAIC BORING LOG

PROJECT	JOB NUMBER	SHEET NUMBER	HOLE NUMBER
Chevron Project	26012B048C-A10-021	1 of 1	CB-5

DRILLING COMPANY	DRILLING RIG	SITE	BEGUN	FINISHED
H&P Mobile Geochemistry Inc.	Limited Access	Former Service Station No. 9-8721	11-7-12	11-7-12

DRILLING METHOD	HAMMER WEIGHT / FALL	SITE LOCATION or MAP DESCRIPTION	ELEVATION	TOTAL DEPTH
Direct-Push		9971 Adams Ave., Huntington Beach, CA	n.a.	31.0 ft

DEPTH / ELEVATION TO WATER	TOC ELEVATION	LOGGED BY	REVIEWED BY	ANGLE (from Horiz)	HOLE DIAMETER
▽ ~5 ft / ▼	n.a.	Ryan Teoxon	Richard Vogl	Vertical	3 in

SAMPLE ID	SAMPLER ADVANCE	BLOW COUNTS / 6" or CORE RECOVERY (%)	PID READING (PPM)	WELL CONSTRUCTION	ELEVATION IN FEET	DEPTH IN FEET	GRAPHIC SYMBOL	DESCRIPTION AND CLASSIFICATION	NOTES
								SANDY SILT (ML/SM): Dark olive brown [2.5Y 3/3], fine-grained sand, poorly graded, moist, low plasticity, slightly micaceous.	
CB-5-S-5			0.0	▽		5		**SANDY SILT** (ML/SM): Dark olive brown [2.5Y 3/3], fine-grained sand, poorly graded, moist to wet, low plasticity, slightly micaceous.	Groundwater encountered at approximately 5 feet below ground surface.
CB-5-S-10			135.0			10		**SANDY SILT** (ML/SM): Very dark grayish brown [2.5Y 3/2], fine-grained sand, poorly graded, dry to moist, low plasticity, slightly micaceous.	
CB-5-S-15			3.0			15		**SAND** (SP): Very dark grayish brown [2.5Y 3/2], fine- to medium-grained sand, poorly graded, wet.	
CB-5-S-20			0.0			20		**SAND** (SP): Very dark grayish brown [2.5Y 3/2], fine- to medium-grained sand, poorly graded, wet.	
CB-5-S-25			0.0			25		**CLAYEY SILT** (ML/CL): Dark grayish brown [2.5Y 4/2], poorly graded, moist, low to medium plasticity, slightly micaceous.	
CB-5-S-30			10.2			30		**SAND** (SP): Dark gray [2.5Y 4/1], fine- to medium-grained sand, poorly graded, dry, micaceous.	

TOTAL DEPTH = 31.0 FEET

SAIC	BORING LOCATION	HOLE NUMBER
	9971 Adams Ave., Huntington Beach, CA	CB-5

SAIC BORING LOG

PROJECT	JOB NUMBER	SHEET NUMBER	HOLE NUMBER
Chevron Project	26012B048C-A10-021	1 of 1	CB-6

DRILLING COMPANY	DRILLING RIG	SITE	BEGUN	FINISHED
H&P Mobile Geochemistry Inc.	Limited Access	Former Service Station No. 9-8721	11-7-12	11-7-12

DRILLING METHOD	HAMMER WEIGHT / FALL	SITE LOCATION or MAP DESCRIPTION	ELEVATION	TOTAL DEPTH
Direct-Push		9971 Adams Ave., Huntington Beach, CA	n.a.	32.0 ft

DEPTH / ELEVATION TO WATER	TOC ELEVATION	LOGGED BY	REVIEWED BY	ANGLE (from Horiz)	HOLE DIAMETER
~10 ft /	n.a.	Ryan Teoxon	Richard Vogl	Vertical	3 in

SAMPLE ID	SAMPLER ADVANCE	BLOW COUNTS / 6" or CORE RECOVERY (%)	PID READING (PPM)	WELL CONSTRUCTION	ELEVATION IN FEET	DEPTH IN FEET	GRAPHIC SYMBOL	DESCRIPTION AND CLASSIFICATION	NOTES
								SANDY SILT (ML/SM): Black [2.5Y 2.5/1], fine-grained sand, poorly graded, dry, no to low plasticity, micaceous, trace construction debris.	
CB-6-S-5			2.4			5		**SANDY SILT** (ML/SM): Black [2.5Y 2.5/1], fine-grained sand, poorly graded, dry, no to low plasticity, micaceous, trace construction debris.	
CB-6-S-10			307.0	▽		10		**SAND** (SP): Dark gray [2.5Y 4/1], fine- to medium-grained sand, poorly graded, wet, micaceous.	Groundwater encountered at approximately 10 feet below ground surface.
CB-6-S-15			15.0			15		**SILTY SAND** (SM): Dark grayish brown [2.5Y 4/2], fine-grained sand, poorly graded, wet, no to low plasticity, micaceous.	
CB-6-S-20			9.8			20		**SILTY SAND** (SM): Dark grayish brown [2.5Y 4/2], fine-grained sand, poorly graded, wet, no to low plasticity, micaceous, increasing sand content.	
CB-6-S-25			239.0			25		**SILTY SAND** (SM): Dark grayish brown [2.5Y 4/2], fine-grained sand, poorly graded, wet, no to low plasticity, micaceous, increased sand content.	
CB-6-S-30			101.6			30		**SILTY SAND** (SM): Dark grayish brown [2.5Y 4/2], fine-grained sand, poorly graded, wet, no to low plasticity, micaceous, increased silt content.	
								TOTAL DEPTH = 32.0 FEET	Refusal at 32 feet below ground surface.

SAIC	BORING LOCATION	HOLE NUMBER
	9971 Adams Ave., Huntington Beach, CA	CB-6

SAIC BORING LOG

PROJECT	JOB NUMBER	SHEET NUMBER	HOLE NUMBER
Chevron Project	26012B048C-A10-021	1 of 1	CB-7

DRILLING COMPANY	DRILLING RIG	SITE	BEGUN	FINISHED
H&P Mobile Geochemistry Inc.	Limited Access	Former Service Station No. 9-8721	11-8-12	11-8-12

DRILLING METHOD	HAMMER WEIGHT / FALL	SITE LOCATION or MAP DESCRIPTION	ELEVATION	TOTAL DEPTH
Direct-Push		9971 Adams Ave., Huntington Beach, CA	n.a.	31.0 ft

DEPTH / ELEVATION TO WATER	TOC ELEVATION	LOGGED BY	REVIEWED BY	ANGLE (from Horiz)	HOLE DIAMETER
~10 ft /	n.a.	Ryan Teoxon	Richard Vogl	Vertical	3 in

SAMPLE ID	SAMPLER ADVANCE	BLOW COUNTS / 6" or CORE RECOVERY (%)	PID READING (PPM)	WELL CONSTRUCTION	ELEVATION IN FEET	DEPTH IN FEET	GRAPHIC SYMBOL	DESCRIPTION AND CLASSIFICATION	NOTES
								SILT (ML): Olive brown [2.5Y 4/3], poorly graded, dry, no plasticity, trace subangular to angular gravel to 1/4" diameter.	
CB-7-S-5			1.2			5		**SILT** (ML): Olive brown [2.5Y 4/3], poorly graded, dry, no plasticity, trace subangular to angular gravel to 1/4" diameter.	
CB-7-S-10			16.2	∇		10		**GRAVELLY SILT**(ML): Very dark gray [2.5Y 3/1], fine gravel, poorly graded, wet, low plasticity, trace subangular to angular gravel to 1/4" diameter.	Groundwater encountered at approximately 10 feet below ground surface.
CB-7-S-15			4.1			15		**SANDY SILT**(ML/SM): Olive brown [2.5Y 4/3], fine-grained sand, poorly graded, wet, no to low plasticity, trace subangular gravel to 1" diameter.	
CB-7-S-20			0.2			20		**SANDY SILT**(ML/SM): Olive brown [2.5Y 4/3], fine-grained sand, poorly graded, wet, no to low plasticity, slightly micaceous, trace subangular gravel to 1" diameter.	
CB-7-S-25			0.6			25		**SANDY SILT**(ML/SM): Olive brown [2.5Y 4/3], fine-grained sand, poorly graded, wet, no to low plasticity, slightly micaceous, trace subangular gravel to 1" diameter, increased fine grain sand content.	
CB-7-S-30			0.6			30		**SANDY SILT**(ML/SM): Dark gray [2.5Y 4/1], fine-grained sand, poorly graded, moist, low plasticity, increased silt content.	

TOTAL DEPTH = 31.0 FEET

SAIC	BORING LOCATION	HOLE NUMBER
	9971 Adams Ave., Huntington Beach, CA	CB-7

ATTACHMENT E

SOIL ANALYTICAL LABORATORY REPORT

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: 440-29146-1
Client Project/Site: CVX 9-8721

For:
Science Applications International Corp
590 West Central Ave
Suite 1
Brea, California 92821-3034

Attn: Steve Targanyan

Authorized for release by:
11/15/2012 5:28:06 PM

Lena Davidkova
Project Manager I
lena.davidkova@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.

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Chain of Custody 39
Receipt Checklists 41

Sample Summary

Client: Science Applications International Corp
Project/Site: CVX 9-8721

TestAmerica Job ID: 440-29146-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-29146-1	CB-5-S-5-121107	Solid	11/07/12 09:30	11/08/12 15:05
440-29146-2	CB-5-S-10-121107	Solid	11/07/12 09:55	11/08/12 15:05
440-29146-3	CB-5-S-15-121107	Solid	11/07/12 09:59	11/08/12 15:05
440-29146-4	CB-5-S-20-121107	Solid	11/07/12 10:07	11/08/12 15:05
440-29146-5	CB-5-S-25-121107	Solid	11/07/12 10:17	11/08/12 15:05
440-29146-6	CB-5-S-30-121107	Solid	11/07/12 10:20	11/08/12 15:05
440-29146-7	CB-6-S-5-121107	Solid	11/07/12 11:00	11/08/12 15:05
440-29146-8	CB-6-S-10-121107	Solid	11/07/12 12:50	11/08/12 15:05
440-29146-9	CB-6-S-15-121107	Solid	11/07/12 12:58	11/08/12 15:05
440-29146-10	CB-6-S-20-121107	Solid	11/07/12 13:05	11/08/12 15:05
440-29146-11	CB-6-S-25-121107	Solid	11/07/12 13:10	11/08/12 15:05
440-29146-12	CB-6-S-30-121107	Solid	11/07/12 13:36	11/08/12 15:05
440-29146-13	CB-7-S-5-121108	Solid	11/08/12 11:51	11/08/12 15:05
440-29146-14	CB-7-S-10-121108	Solid	11/08/12 12:06	11/08/12 15:05
440-29146-15	CB-7-S-15-121108	Solid	11/08/12 12:23	11/08/12 15:05
440-29146-16	CB-7-S-20-121108	Solid	11/08/12 12:29	11/08/12 15:05
440-29146-17	CB-7-S-25-121108	Solid	11/08/12 12:58	11/08/12 15:05
440-29146-18	CB-7-S-30-121108	Solid	11/08/12 12:58	11/08/12 15:05

Client Sample Results

Client: Science Applications International Corp
Project/Site: CVX 9-8721

TestAmerica Job ID: 440-29146-1

Client Sample ID: CB-5-S-5-121107

Lab Sample ID: 440-29146-1
Date Collected: 11/07/12 09:30
Matrix: Solid
Date Received: 11/08/12 15:05

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		0.10	0.060	mg/Kg			11/14/12 23:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*107*		*80 - 125*		*11/14/12 23:35*	*1*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*11/14/12 23:35*	*1*
Toluene-d8 (Surr)	*108*		*80 - 120*		*11/14/12 23:35*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	0.00050	mg/Kg			11/14/12 23:35	1
Isopropyl Ether (DIPE)	ND		0.0050	0.00050	mg/Kg			11/14/12 23:35	1
Ethyl-t-butyl ether (ETBE)	ND		0.0050	0.00058	mg/Kg			11/14/12 23:35	1
Ethylbenzene	ND		0.0020	0.00050	mg/Kg			11/14/12 23:35	1
m,p-Xylene	ND		0.0020	0.00080	mg/Kg			11/14/12 23:35	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0050	0.0010	mg/Kg			11/14/12 23:35	1
o-Xylene	ND		0.0020	0.00050	mg/Kg			11/14/12 23:35	1
Tert-amyl-methyl ether (TAME)	ND		0.0050	0.00064	mg/Kg			11/14/12 23:35	1
tert-Butyl alcohol (TBA)	ND		0.10	0.010	mg/Kg			11/14/12 23:35	1
Toluene	ND		0.0020	0.00050	mg/Kg			11/14/12 23:35	1
Xylenes, Total	ND		0.0040	0.0013	mg/Kg			11/14/12 23:35	1
Naphthalene	ND		0.0050	0.0011	mg/Kg			11/14/12 23:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*108*		*80 - 120*		*11/14/12 23:35*	*1*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*11/14/12 23:35*	*1*
Dibromofluoromethane (Surr)	*107*		*80 - 125*		*11/14/12 23:35*	*1*

Client Sample ID: CB-5-S-10-121107

Lab Sample ID: 440-29146-2
Date Collected: 11/07/12 09:55
Matrix: Solid
Date Received: 11/08/12 15:05

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	**110**		9.9	4.9	mg/Kg		11/15/12 09:33	11/15/12 11:55	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*100*		*55 - 140*	*11/15/12 09:33*	*11/15/12 11:55*	*100*
4-Bromofluorobenzene (Surr)	*98*		*65 - 140*	*11/15/12 09:33*	*11/15/12 11:55*	*100*
Toluene-d8 (Surr)	*101*		*60 - 140*	*11/15/12 09:33*	*11/15/12 11:55*	*100*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.052**	**J**	0.099	0.034	mg/Kg		11/15/12 09:33	11/15/12 11:55	100
Isopropyl Ether (DIPE)	ND		0.25	0.051	mg/Kg		11/15/12 09:33	11/15/12 11:55	100
Ethyl-t-butyl ether (ETBE)	ND		0.25	0.066	mg/Kg		11/15/12 09:33	11/15/12 11:55	100
Ethylbenzene	**1.8**		0.099	0.027	mg/Kg		11/15/12 09:33	11/15/12 11:55	100
m,p-Xylene	**2.9**		0.099	0.053	mg/Kg		11/15/12 09:33	11/15/12 11:55	100
Methyl-t-Butyl Ether (MTBE)	ND		0.25	0.062	mg/Kg		11/15/12 09:33	11/15/12 11:55	100
o-Xylene	**1.6**		0.099	0.028	mg/Kg		11/15/12 09:33	11/15/12 11:55	100
Tert-amyl-methyl ether (TAME)	ND		0.25	0.068	mg/Kg		11/15/12 09:33	11/15/12 11:55	100

Client Sample Results

Client: Science Applications International Corp
Project/Site: CVX 9-8721

TestAmerica Job ID: 440-29146-1

Client Sample ID: CB-5-S-10-121107

Lab Sample ID: 440-29146-2
Date Collected: 11/07/12 09:55
Matrix: Solid
Date Received: 11/08/12 15:05

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butyl alcohol (TBA)	ND		5.0	0.50	mg/Kg		11/15/12 09:33	11/15/12 11:55	100
Toluene	**0.045**	**J**	0.099	0.033	mg/Kg		11/15/12 09:33	11/15/12 11:55	100
Xylenes, Total	**4.5**		0.20	0.053	mg/Kg		11/15/12 09:33	11/15/12 11:55	100
Naphthalene	**0.83**		0.25	0.081	mg/Kg		11/15/12 09:33	11/15/12 11:55	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*101*		*60 - 140*	*11/15/12 09:33*	*11/15/12 11:55*	*100*
4-Bromofluorobenzene (Surr)	*98*		*65 - 140*	*11/15/12 09:33*	*11/15/12 11:55*	*100*
Dibromofluoromethane (Surr)	*100*		*55 - 140*	*11/15/12 09:33*	*11/15/12 11:55*	*100*

Client Sample ID: CB-5-S-15-121107

Lab Sample ID: 440-29146-3
Date Collected: 11/07/12 09:59
Matrix: Solid
Date Received: 11/08/12 15:05

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		0.10	0.060	mg/Kg			11/12/12 18:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*98*		*80 - 125*		*11/12/12 18:12*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*11/12/12 18:12*	*1*
Toluene-d8 (Surr)	*107*		*80 - 120*		*11/12/12 18:12*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	0.00050	mg/Kg			11/12/12 18:12	1
Isopropyl Ether (DIPE)	ND		0.0050	0.00050	mg/Kg			11/12/12 18:12	1
Ethyl-t-butyl ether (ETBE)	ND		0.0050	0.00058	mg/Kg			11/12/12 18:12	1
Ethylbenzene	**0.0010**	**J**	0.0020	0.00050	mg/Kg			11/12/12 18:12	1
m,p-Xylene	**0.00091**	**J**	0.0020	0.00080	mg/Kg			11/12/12 18:12	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0050	0.0010	mg/Kg			11/12/12 18:12	1
o-Xylene	ND		0.0020	0.00050	mg/Kg			11/12/12 18:12	1
Tert-amyl-methyl ether (TAME)	ND		0.0050	0.00064	mg/Kg			11/12/12 18:12	1
tert-Butyl alcohol (TBA)	ND		0.10	0.010	mg/Kg			11/12/12 18:12	1
Toluene	ND		0.0020	0.00050	mg/Kg			11/12/12 18:12	1
Xylenes, Total	ND		0.0040	0.0013	mg/Kg			11/12/12 18:12	1
Naphthalene	ND		0.0050	0.0011	mg/Kg			11/12/12 18:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*107*		*80 - 120*		*11/12/12 18:12*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*11/12/12 18:12*	*1*
Dibromofluoromethane (Surr)	*98*		*80 - 125*		*11/12/12 18:12*	*1*

Client Sample ID: CB-5-S-20-121107

Lab Sample ID: 440-29146-4
Date Collected: 11/07/12 10:07
Matrix: Solid
Date Received: 11/08/12 15:05

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	**2.0**		0.10	0.060	mg/Kg			11/12/12 23:05	1

Client Sample Results

Client: Science Applications International Corp
Project/Site: CVX 9-8721

TestAmerica Job ID: 440-29146-1

Client Sample ID: CB-5-S-20-121107

Lab Sample ID: 440-29146-4

Date Collected: 11/07/12 10:07
Matrix: Solid
Date Received: 11/08/12 15:05

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	*100*		*80 - 125*		*11/12/12 23:05*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*		*11/12/12 23:05*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*11/12/12 23:05*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.0024**		0.0020	0.00050	mg/Kg			11/12/12 23:05	1
Isopropyl Ether (DIPE)	ND		0.0050	0.00050	mg/Kg			11/12/12 23:05	1
Ethyl-t-butyl ether (ETBE)	ND		0.0050	0.00058	mg/Kg			11/12/12 23:05	1
Ethylbenzene	**0.027**		0.0020	0.00050	mg/Kg			11/12/12 23:05	1
m,p-Xylene	**0.041**		0.0020	0.00080	mg/Kg			11/12/12 23:05	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0050	0.0010	mg/Kg			11/12/12 23:05	1
o-Xylene	**0.023**		0.0020	0.00050	mg/Kg			11/12/12 23:05	1
Tert-amyl-methyl ether (TAME)	ND		0.0050	0.00064	mg/Kg			11/12/12 23:05	1
tert-Butyl alcohol (TBA)	ND		0.10	0.010	mg/Kg			11/12/12 23:05	1
Toluene	**0.0011**	**J**	0.0020	0.00050	mg/Kg			11/12/12 23:05	1
Xylenes, Total	**0.064**		0.0040	0.0013	mg/Kg			11/12/12 23:05	1
Naphthalene	**0.024**		0.0050	0.0011	mg/Kg			11/12/12 23:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*104*		*80 - 120*		*11/12/12 23:05*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*		*11/12/12 23:05*	*1*
Dibromofluoromethane (Surr)	*100*		*80 - 125*		*11/12/12 23:05*	*1*

Client Sample ID: CB-5-S-25-121107

Lab Sample ID: 440-29146-5

Date Collected: 11/07/12 10:17
Matrix: Solid
Date Received: 11/08/12 15:05

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		0.10	0.060	mg/Kg			11/13/12 00:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	*94*		*80 - 125*		*11/13/12 00:29*	*1*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*		*11/13/12 00:29*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*11/13/12 00:29*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	0.00050	mg/Kg			11/13/12 00:29	1
Isopropyl Ether (DIPE)	ND		0.0050	0.00050	mg/Kg			11/13/12 00:29	1
Ethyl-t-butyl ether (ETBE)	ND		0.0050	0.00058	mg/Kg			11/13/12 00:29	1
Ethylbenzene	ND		0.0020	0.00050	mg/Kg			11/13/12 00:29	1
m,p-Xylene	ND		0.0020	0.00080	mg/Kg			11/13/12 00:29	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0050	0.0010	mg/Kg			11/13/12 00:29	1
o-Xylene	ND		0.0020	0.00050	mg/Kg			11/13/12 00:29	1
Tert-amyl-methyl ether (TAME)	ND		0.0050	0.00064	mg/Kg			11/13/12 00:29	1
tert-Butyl alcohol (TBA)	ND		0.10	0.010	mg/Kg			11/13/12 00:29	1
Toluene	ND		0.0020	0.00050	mg/Kg			11/13/12 00:29	1
Xylenes, Total	ND		0.0040	0.0013	mg/Kg			11/13/12 00:29	1
Naphthalene	ND		0.0050	0.0011	mg/Kg			11/13/12 00:29	1

Client Sample Results

Client: Science Applications International Corp
Project/Site: CVX 9-8721

TestAmerica Job ID: 440-29146-1

Client Sample ID: CB-5-S-25-121107

Lab Sample ID: 440-29146-5
Matrix: Solid
Date Collected: 11/07/12 10:17
Date Received: 11/08/12 15:05

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	103		80 - 120		11/13/12 00:29	1
4-Bromofluorobenzene (Surr)	95		80 - 120		11/13/12 00:29	1
Dibromofluoromethane (Surr)	94		80 - 125		11/13/12 00:29	1

Client Sample ID: CB-5-S-30-121107

Lab Sample ID: 440-29146-6
Matrix: Solid
Date Collected: 11/07/12 10:20
Date Received: 11/08/12 15:05

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		0.10	0.060	mg/Kg			11/13/12 00:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	97		80 - 125		11/13/12 00:57	1
4-Bromofluorobenzene (Surr)	93		80 - 120		11/13/12 00:57	1
Toluene-d8 (Surr)	101		80 - 120		11/13/12 00:57	1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	0.00050	mg/Kg			11/13/12 00:57	1
Isopropyl Ether (DIPE)	ND		0.0050	0.00050	mg/Kg			11/13/12 00:57	1
Ethyl-t-butyl ether (ETBE)	ND		0.0050	0.00058	mg/Kg			11/13/12 00:57	1
Ethylbenzene	ND		0.0020	0.00050	mg/Kg			11/13/12 00:57	1
m,p-Xylene	ND		0.0020	0.00080	mg/Kg			11/13/12 00:57	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0050	0.0010	mg/Kg			11/13/12 00:57	1
o-Xylene	ND		0.0020	0.00050	mg/Kg			11/13/12 00:57	1
Tert-amyl-methyl ether (TAME)	ND		0.0050	0.00064	mg/Kg			11/13/12 00:57	1
tert-Butyl alcohol (TBA)	ND		0.10	0.010	mg/Kg			11/13/12 00:57	1
Toluene	ND		0.0020	0.00050	mg/Kg			11/13/12 00:57	1
Xylenes, Total	ND		0.0040	0.0013	mg/Kg			11/13/12 00:57	1
Naphthalene	ND		0.0050	0.0011	mg/Kg			11/13/12 00:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	101		80 - 120		11/13/12 00:57	1
4-Bromofluorobenzene (Surr)	93		80 - 120		11/13/12 00:57	1
Dibromofluoromethane (Surr)	97		80 - 125		11/13/12 00:57	1

Client Sample ID: CB-6-S-5-121107

Lab Sample ID: 440-29146-7
Matrix: Solid
Date Collected: 11/07/12 11:00
Date Received: 11/08/12 15:05

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	**0.17**		0.10	0.060	mg/Kg			11/13/12 01:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	102		80 - 125		11/13/12 01:25	1
4-Bromofluorobenzene (Surr)	93		80 - 120		11/13/12 01:25	1
Toluene-d8 (Surr)	104		80 - 120		11/13/12 01:25	1

Client Sample Results

Client: Science Applications International Corp
Project/Site: CVX 9-8721

TestAmerica Job ID: 440-29146-1

Client Sample ID: CB-6-S-5-121107

Lab Sample ID: 440-29146-7

Date Collected: 11/07/12 11:00
Matrix: Solid
Date Received: 11/08/12 15:05

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00058**	**J**	0.0020	0.00050	mg/Kg			11/13/12 01:25	1
Isopropyl Ether (DIPE)	ND		0.0050	0.00050	mg/Kg			11/13/12 01:25	1
Ethyl-t-butyl ether (ETBE)	ND		0.0050	0.00058	mg/Kg			11/13/12 01:25	1
Ethylbenzene	ND		0.0020	0.00050	mg/Kg			11/13/12 01:25	1
m,p-Xylene	ND		0.0020	0.00080	mg/Kg			11/13/12 01:25	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0050	0.0010	mg/Kg			11/13/12 01:25	1
o-Xylene	ND		0.0020	0.00050	mg/Kg			11/13/12 01:25	1
Tert-amyl-methyl ether (TAME)	ND		0.0050	0.00064	mg/Kg			11/13/12 01:25	1
tert-Butyl alcohol (TBA)	ND		0.10	0.010	mg/Kg			11/13/12 01:25	1
Toluene	ND		0.0020	0.00050	mg/Kg			11/13/12 01:25	1
Xylenes, Total	ND		0.0040	0.0013	mg/Kg			11/13/12 01:25	1
Naphthalene	ND		0.0050	0.0011	mg/Kg			11/13/12 01:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*104*		*80 - 120*		*11/13/12 01:25*	*1*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*		*11/13/12 01:25*	*1*
Dibromofluoromethane (Surr)	*102*		*80 - 125*		*11/13/12 01:25*	*1*

Client Sample ID: CB-6-S-10-121107

Lab Sample ID: 440-29146-8

Date Collected: 11/07/12 12:50
Matrix: Solid
Date Received: 11/08/12 15:05

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	**1.7**		0.50	0.30	mg/Kg			11/13/12 01:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*100*		*80 - 125*		*11/13/12 01:53*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*11/13/12 01:53*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*11/13/12 01:53*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.26**		0.0099	0.0025	mg/Kg			11/13/12 01:53	1
Isopropyl Ether (DIPE)	ND		0.025	0.0025	mg/Kg			11/13/12 01:53	1
Ethyl-t-butyl ether (ETBE)	ND		0.025	0.0029	mg/Kg			11/13/12 01:53	1
Ethylbenzene	**0.043**		0.0099	0.0025	mg/Kg			11/13/12 01:53	1
m,p-Xylene	**0.14**		0.0099	0.0040	mg/Kg			11/13/12 01:53	1
Methyl-t-Butyl Ether (MTBE)	ND		0.025	0.0050	mg/Kg			11/13/12 01:53	1
o-Xylene	**0.055**		0.0099	0.0025	mg/Kg			11/13/12 01:53	1
Tert-amyl-methyl ether (TAME)	ND		0.025	0.0032	mg/Kg			11/13/12 01:53	1
tert-Butyl alcohol (TBA)	ND		0.50	0.050	mg/Kg			11/13/12 01:53	1
Toluene	**0.021**		0.0099	0.0025	mg/Kg			11/13/12 01:53	1
Xylenes, Total	**0.20**		0.020	0.0064	mg/Kg			11/13/12 01:53	1
Naphthalene	**0.061**		0.025	0.0054	mg/Kg			11/13/12 01:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*105*		*80 - 120*		*11/13/12 01:53*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*11/13/12 01:53*	*1*
Dibromofluoromethane (Surr)	*100*		*80 - 125*		*11/13/12 01:53*	*1*

Client Sample Results

Client: Science Applications International Corp
Project/Site: CVX 9-8721

TestAmerica Job ID: 440-29146-1

Client Sample ID: CB-6-S-15-121107

Lab Sample ID: 440-29146-9
Matrix: Solid
Date Collected: 11/07/12 12:58
Date Received: 11/08/12 15:05

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		0.10	0.060	mg/Kg			11/13/12 02:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*97*		*80 - 125*		*11/13/12 02:21*	*1*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*		*11/13/12 02:21*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*11/13/12 02:21*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.0013**	**J**	0.0020	0.00050	mg/Kg			11/13/12 02:21	1
Isopropyl Ether (DIPE)	ND		0.0050	0.00050	mg/Kg			11/13/12 02:21	1
Ethyl-t-butyl ether (ETBE)	ND		0.0050	0.00058	mg/Kg			11/13/12 02:21	1
Ethylbenzene	ND		0.0020	0.00050	mg/Kg			11/13/12 02:21	1
m,p-Xylene	ND		0.0020	0.00080	mg/Kg			11/13/12 02:21	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0050	0.0010	mg/Kg			11/13/12 02:21	1
o-Xylene	ND		0.0020	0.00050	mg/Kg			11/13/12 02:21	1
Tert-amyl-methyl ether (TAME)	ND		0.0050	0.00064	mg/Kg			11/13/12 02:21	1
tert-Butyl alcohol (TBA)	ND		0.10	0.010	mg/Kg			11/13/12 02:21	1
Toluene	ND		0.0020	0.00050	mg/Kg			11/13/12 02:21	1
Xylenes, Total	ND		0.0040	0.0013	mg/Kg			11/13/12 02:21	1
Naphthalene	ND		0.0050	0.0011	mg/Kg			11/13/12 02:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*104*		*80 - 120*		*11/13/12 02:21*	*1*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*		*11/13/12 02:21*	*1*
Dibromofluoromethane (Surr)	*97*		*80 - 125*		*11/13/12 02:21*	*1*

Client Sample ID: CB-6-S-20-121107

Lab Sample ID: 440-29146-10
Matrix: Solid
Date Collected: 11/07/12 13:05
Date Received: 11/08/12 15:05

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		0.10	0.060	mg/Kg			11/13/12 02:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*96*		*80 - 125*		*11/13/12 02:49*	*1*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*11/13/12 02:49*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*11/13/12 02:49*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	0.00050	mg/Kg			11/13/12 02:49	1
Isopropyl Ether (DIPE)	ND		0.0050	0.00050	mg/Kg			11/13/12 02:49	1
Ethyl-t-butyl ether (ETBE)	ND		0.0050	0.00058	mg/Kg			11/13/12 02:49	1
Ethylbenzene	ND		0.0020	0.00050	mg/Kg			11/13/12 02:49	1
m,p-Xylene	ND		0.0020	0.00080	mg/Kg			11/13/12 02:49	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0050	0.0010	mg/Kg			11/13/12 02:49	1
o-Xylene	ND		0.0020	0.00050	mg/Kg			11/13/12 02:49	1
Tert-amyl-methyl ether (TAME)	ND		0.0050	0.00064	mg/Kg			11/13/12 02:49	1
tert-Butyl alcohol (TBA)	ND		0.10	0.010	mg/Kg			11/13/12 02:49	1

Client Sample ID: CB-6-S-20-121107

Lab Sample ID: 440-29146-10

Date Collected: 11/07/12 13:05

Matrix: Solid

Date Received: 11/08/12 15:05

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		0.0020	0.00050	mg/Kg			11/13/12 02:49	1
Xylenes, Total	ND		0.0040	0.0013	mg/Kg			11/13/12 02:49	1
Naphthalene	ND		0.0050	0.0011	mg/Kg			11/13/12 02:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*105*		*80 - 120*		*11/13/12 02:49*	*1*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*11/13/12 02:49*	*1*
Dibromofluoromethane (Surr)	*96*		*80 - 125*		*11/13/12 02:49*	*1*

Client Sample ID: CB-6-S-25-121107

Lab Sample ID: 440-29146-11

Date Collected: 11/07/12 13:10

Matrix: Solid

Date Received: 11/08/12 15:05

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		0.10	0.060	mg/Kg			11/13/12 03:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*102*		*80 - 125*		*11/13/12 03:17*	*1*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*		*11/13/12 03:17*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*		*11/13/12 03:17*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	0.00050	mg/Kg			11/13/12 03:17	1
Isopropyl Ether (DIPE)	ND		0.0050	0.00050	mg/Kg			11/13/12 03:17	1
Ethyl-t-butyl ether (ETBE)	ND		0.0050	0.00058	mg/Kg			11/13/12 03:17	1
Ethylbenzene	ND		0.0020	0.00050	mg/Kg			11/13/12 03:17	1
m,p-Xylene	ND		0.0020	0.00080	mg/Kg			11/13/12 03:17	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0050	0.0010	mg/Kg			11/13/12 03:17	1
o-Xylene	ND		0.0020	0.00050	mg/Kg			11/13/12 03:17	1
Tert-amyl-methyl ether (TAME)	ND		0.0050	0.00064	mg/Kg			11/13/12 03:17	1
tert-Butyl alcohol (TBA)	ND		0.10	0.010	mg/Kg			11/13/12 03:17	1
Toluene	ND		0.0020	0.00050	mg/Kg			11/13/12 03:17	1
Xylenes, Total	ND		0.0040	0.0013	mg/Kg			11/13/12 03:17	1
Naphthalene	ND		0.0050	0.0011	mg/Kg			11/13/12 03:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*106*		*80 - 120*		*11/13/12 03:17*	*1*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*		*11/13/12 03:17*	*1*
Dibromofluoromethane (Surr)	*102*		*80 - 125*		*11/13/12 03:17*	*1*

Client Sample ID: CB-6-S-30-121107

Lab Sample ID: 440-29146-12

Date Collected: 11/07/12 13:36

Matrix: Solid

Date Received: 11/08/12 15:05

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	**0.12**		0.10	0.060	mg/Kg			11/13/12 03:45	1

Client Sample Results

Client: Science Applications International Corp
Project/Site: CVX 9-8721

TestAmerica Job ID: 440-29146-1

Client Sample ID: CB-6-S-30-121107

Lab Sample ID: 440-29146-12

Date Collected: 11/07/12 13:36
Matrix: Solid
Date Received: 11/08/12 15:05

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*103*		*80 - 125*		*11/13/12 03:45*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*11/13/12 03:45*	*1*
Toluene-d8 (Surr)	*107*		*80 - 120*		*11/13/12 03:45*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	0.00050	mg/Kg			11/13/12 03:45	1
Isopropyl Ether (DIPE)	ND		0.0050	0.00050	mg/Kg			11/13/12 03:45	1
Ethyl-t-butyl ether (ETBE)	ND		0.0050	0.00058	mg/Kg			11/13/12 03:45	1
Ethylbenzene	**0.0011**	**J**	0.0020	0.00050	mg/Kg			11/13/12 03:45	1
m,p-Xylene	**0.0040**		0.0020	0.00080	mg/Kg			11/13/12 03:45	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0050	0.0010	mg/Kg			11/13/12 03:45	1
o-Xylene	**0.0013**	**J**	0.0020	0.00050	mg/Kg			11/13/12 03:45	1
Tert-amyl-methyl ether (TAME)	ND		0.0050	0.00064	mg/Kg			11/13/12 03:45	1
tert-Butyl alcohol (TBA)	ND		0.10	0.010	mg/Kg			11/13/12 03:45	1
Toluene	ND		0.0020	0.00050	mg/Kg			11/13/12 03:45	1
Xylenes, Total	**0.0053**		0.0040	0.0013	mg/Kg			11/13/12 03:45	1
Naphthalene	ND		0.0050	0.0011	mg/Kg			11/13/12 03:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*107*		*80 - 120*		*11/13/12 03:45*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*11/13/12 03:45*	*1*
Dibromofluoromethane (Surr)	*103*		*80 - 125*		*11/13/12 03:45*	*1*

Client Sample ID: CB-7-S-5-121108

Lab Sample ID: 440-29146-13

Date Collected: 11/08/12 11:51
Matrix: Solid
Date Received: 11/08/12 15:05

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		0.10	0.060	mg/Kg			11/13/12 04:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*108*		*80 - 125*		*11/13/12 04:13*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*11/13/12 04:13*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*		*11/13/12 04:13*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	0.00050	mg/Kg			11/13/12 04:13	1
Isopropyl Ether (DIPE)	ND		0.0050	0.00050	mg/Kg			11/13/12 04:13	1
Ethyl-t-butyl ether (ETBE)	ND		0.0050	0.00058	mg/Kg			11/13/12 04:13	1
Ethylbenzene	ND		0.0020	0.00050	mg/Kg			11/13/12 04:13	1
m,p-Xylene	ND		0.0020	0.00080	mg/Kg			11/13/12 04:13	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0050	0.0010	mg/Kg			11/13/12 04:13	1
o-Xylene	ND		0.0020	0.00050	mg/Kg			11/13/12 04:13	1
Tert-amyl-methyl ether (TAME)	ND		0.0050	0.00064	mg/Kg			11/13/12 04:13	1
tert-Butyl alcohol (TBA)	ND		0.10	0.010	mg/Kg			11/13/12 04:13	1
Toluene	ND		0.0020	0.00050	mg/Kg			11/13/12 04:13	1
Xylenes, Total	ND		0.0040	0.0013	mg/Kg			11/13/12 04:13	1
Naphthalene	ND		0.0050	0.0011	mg/Kg			11/13/12 04:13	1

Client Sample Results

Client: Science Applications International Corp
Project/Site: CVX 9-8721

TestAmerica Job ID: 440-29146-1

Client Sample ID: CB-7-S-5-121108

Lab Sample ID: 440-29146-13
Matrix: Solid
Date Collected: 11/08/12 11:51
Date Received: 11/08/12 15:05

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	106		80 - 120		11/13/12 04:13	1
4-Bromofluorobenzene (Surr)	97		80 - 120		11/13/12 04:13	1
Dibromofluoromethane (Surr)	108		80 - 125		11/13/12 04:13	1

Client Sample ID: CB-7-S-10-121108

Lab Sample ID: 440-29146-14
Matrix: Solid
Date Collected: 11/08/12 12:06
Date Received: 11/08/12 15:05

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	0.088	J	0.10	0.060	mg/Kg			11/13/12 04:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	110		80 - 125		11/13/12 04:41	1
4-Bromofluorobenzene (Surr)	94		80 - 120		11/13/12 04:41	1
Toluene-d8 (Surr)	106		80 - 120		11/13/12 04:41	1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	0.00050	mg/Kg			11/13/12 04:41	1
Isopropyl Ether (DIPE)	ND		0.0050	0.00050	mg/Kg			11/13/12 04:41	1
Ethyl-t-butyl ether (ETBE)	ND		0.0050	0.00058	mg/Kg			11/13/12 04:41	1
Ethylbenzene	ND		0.0020	0.00050	mg/Kg			11/13/12 04:41	1
m,p-Xylene	ND		0.0020	0.00080	mg/Kg			11/13/12 04:41	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0050	0.0010	mg/Kg			11/13/12 04:41	1
o-Xylene	ND		0.0020	0.00050	mg/Kg			11/13/12 04:41	1
Tert-amyl-methyl ether (TAME)	ND		0.0050	0.00064	mg/Kg			11/13/12 04:41	1
tert-Butyl alcohol (TBA)	ND		0.10	0.010	mg/Kg			11/13/12 04:41	1
Toluene	0.00056	J	0.0020	0.00050	mg/Kg			11/13/12 04:41	1
Xylenes, Total	ND		0.0040	0.0013	mg/Kg			11/13/12 04:41	1
Naphthalene	ND		0.0050	0.0011	mg/Kg			11/13/12 04:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	106		80 - 120		11/13/12 04:41	1
4-Bromofluorobenzene (Surr)	94		80 - 120		11/13/12 04:41	1
Dibromofluoromethane (Surr)	110		80 - 125		11/13/12 04:41	1

Client Sample ID: CB-7-S-15-121108

Lab Sample ID: 440-29146-15
Matrix: Solid
Date Collected: 11/08/12 12:23
Date Received: 11/08/12 15:05

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	0.86		0.10	0.060	mg/Kg			11/13/12 12:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	100		80 - 125		11/13/12 12:39	1
4-Bromofluorobenzene (Surr)	102		80 - 120		11/13/12 12:39	1
Toluene-d8 (Surr)	108		80 - 120		11/13/12 12:39	1

Client Sample Results

Client: Science Applications International Corp
Project/Site: CVX 9-8721

TestAmerica Job ID: 440-29146-1

Client Sample ID: CB-7-S-15-121108

Lab Sample ID: 440-29146-15

Date Collected: 11/08/12 12:23
Matrix: Solid
Date Received: 11/08/12 15:05

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	0.00050	mg/Kg			11/13/12 12:39	1
Isopropyl Ether (DIPE)	ND		0.0050	0.00050	mg/Kg			11/13/12 12:39	1
Ethyl-t-butyl ether (ETBE)	ND		0.0050	0.00058	mg/Kg			11/13/12 12:39	1
Ethylbenzene	ND		0.0020	0.00050	mg/Kg			11/13/12 12:39	1
m,p-Xylene	ND		0.0020	0.00080	mg/Kg			11/13/12 12:39	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0050	0.0010	mg/Kg			11/13/12 12:39	1
o-Xylene	ND		0.0020	0.00050	mg/Kg			11/13/12 12:39	1
Tert-amyl-methyl ether (TAME)	ND		0.0050	0.00064	mg/Kg			11/13/12 12:39	1
tert-Butyl alcohol (TBA)	ND		0.10	0.010	mg/Kg			11/13/12 12:39	1
Toluene	ND		0.0020	0.00050	mg/Kg			11/13/12 12:39	1
Xylenes, Total	ND		0.0040	0.0013	mg/Kg			11/13/12 12:39	1
Naphthalene	ND		0.0050	0.0011	mg/Kg			11/13/12 12:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*108*		*80 - 120*		*11/13/12 12:39*	*1*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*11/13/12 12:39*	*1*
Dibromofluoromethane (Surr)	*100*		*80 - 125*		*11/13/12 12:39*	*1*

Client Sample ID: CB-7-S-20-121108

Lab Sample ID: 440-29146-16

Date Collected: 11/08/12 12:29
Matrix: Solid
Date Received: 11/08/12 15:05

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		0.10	0.060	mg/Kg			11/13/12 10:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*101*		*80 - 125*		*11/13/12 10:41*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*11/13/12 10:41*	*1*
Toluene-d8 (Surr)	*108*		*80 - 120*		*11/13/12 10:41*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	0.00050	mg/Kg			11/13/12 10:41	1
Isopropyl Ether (DIPE)	ND		0.0050	0.00050	mg/Kg			11/13/12 10:41	1
Ethyl-t-butyl ether (ETBE)	ND		0.0050	0.00058	mg/Kg			11/13/12 10:41	1
Ethylbenzene	ND		0.0020	0.00050	mg/Kg			11/13/12 10:41	1
m,p-Xylene	ND		0.0020	0.00080	mg/Kg			11/13/12 10:41	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0050	0.0010	mg/Kg			11/13/12 10:41	1
o-Xylene	ND		0.0020	0.00050	mg/Kg			11/13/12 10:41	1
Tert-amyl-methyl ether (TAME)	ND		0.0050	0.00064	mg/Kg			11/13/12 10:41	1
tert-Butyl alcohol (TBA)	ND		0.10	0.010	mg/Kg			11/13/12 10:41	1
Toluene	ND		0.0020	0.00050	mg/Kg			11/13/12 10:41	1
Xylenes, Total	ND		0.0040	0.0013	mg/Kg			11/13/12 10:41	1
Naphthalene	ND		0.0050	0.0011	mg/Kg			11/13/12 10:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*108*		*80 - 120*		*11/13/12 10:41*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*11/13/12 10:41*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 125*		*11/13/12 10:41*	*1*

Client Sample Results

Client: Science Applications International Corp
Project/Site: CVX 9-8721

TestAmerica Job ID: 440-29146-1

Client Sample ID: CB-7-S-25-121108

Lab Sample ID: 440-29146-17

Date Collected: 11/08/12 12:58
Matrix: Solid
Date Received: 11/08/12 15:05

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	**0.15**		0.10	0.060	mg/Kg			11/13/12 13:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*99*		*80 - 125*		*11/13/12 13:07*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*11/13/12 13:07*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*		*11/13/12 13:07*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	0.00050	mg/Kg			11/13/12 13:07	1
Isopropyl Ether (DIPE)	ND		0.0050	0.00050	mg/Kg			11/13/12 13:07	1
Ethyl-t-butyl ether (ETBE)	ND		0.0050	0.00058	mg/Kg			11/13/12 13:07	1
Ethylbenzene	**0.0015**	**J**	0.0020	0.00050	mg/Kg			11/13/12 13:07	1
m,p-Xylene	**0.0056**		0.0020	0.00080	mg/Kg			11/13/12 13:07	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0050	0.0010	mg/Kg			11/13/12 13:07	1
o-Xylene	**0.0028**		0.0020	0.00050	mg/Kg			11/13/12 13:07	1
Tert-amyl-methyl ether (TAME)	ND		0.0050	0.00064	mg/Kg			11/13/12 13:07	1
tert-Butyl alcohol (TBA)	ND		0.10	0.010	mg/Kg			11/13/12 13:07	1
Toluene	**0.0024**		0.0020	0.00050	mg/Kg			11/13/12 13:07	1
Xylenes, Total	**0.0084**		0.0040	0.0013	mg/Kg			11/13/12 13:07	1
Naphthalene	ND		0.0050	0.0011	mg/Kg			11/13/12 13:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*106*		*80 - 120*		*11/13/12 13:07*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*11/13/12 13:07*	*1*
Dibromofluoromethane (Surr)	*99*		*80 - 125*		*11/13/12 13:07*	*1*

Client Sample ID: CB-7-S-30-121108

Lab Sample ID: 440-29146-18

Date Collected: 11/08/12 12:58
Matrix: Solid
Date Received: 11/08/12 15:05

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		0.10	0.060	mg/Kg			11/13/12 13:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*103*		*80 - 125*		*11/13/12 13:35*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*11/13/12 13:35*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*11/13/12 13:35*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	0.00050	mg/Kg			11/13/12 13:35	1
Isopropyl Ether (DIPE)	ND		0.0050	0.00050	mg/Kg			11/13/12 13:35	1
Ethyl-t-butyl ether (ETBE)	ND		0.0050	0.00058	mg/Kg			11/13/12 13:35	1
Ethylbenzene	ND		0.0020	0.00050	mg/Kg			11/13/12 13:35	1
m,p-Xylene	ND		0.0020	0.00080	mg/Kg			11/13/12 13:35	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0050	0.0010	mg/Kg			11/13/12 13:35	1
o-Xylene	ND		0.0020	0.00050	mg/Kg			11/13/12 13:35	1
Tert-amyl-methyl ether (TAME)	ND		0.0050	0.00064	mg/Kg			11/13/12 13:35	1

Client Sample Results

Client: Science Applications International Corp
Project/Site: CVX 9-8721

TestAmerica Job ID: 440-29146-1

Client Sample ID: CB-7-S-30-121108

Lab Sample ID: 440-29146-18

Date Collected: 11/08/12 12:58

Matrix: Solid

Date Received: 11/08/12 15:05

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butyl alcohol (TBA)	ND		0.10	0.010	mg/Kg			11/13/12 13:35	1
Toluene	ND		0.0020	0.00050	mg/Kg			11/13/12 13:35	1
Xylenes, Total	ND		0.0040	0.0013	mg/Kg			11/13/12 13:35	1
Naphthalene	ND		0.0050	0.0011	mg/Kg			11/13/12 13:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*105*		*80 - 120*		*11/13/12 13:35*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*11/13/12 13:35*	*1*
Dibromofluoromethane (Surr)	*103*		*80 - 125*		*11/13/12 13:35*	*1*

Lab Chronicle

Client: Science Applications International Corp
Project/Site: CVX 9-8721

TestAmerica Job ID: 440-29146-1

Client Sample ID: CB-5-S-5-121107 — Lab Sample ID: 440-29146-1

Date Collected: 11/07/12 09:30 — **Matrix: Solid**
Date Received: 11/08/12 15:05

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	4.99 g	10 mL	66895	11/14/12 23:35	RM	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	4.99 g	10 mL	66896	11/14/12 23:35	RM	TAL IRV

Client Sample ID: CB-5-S-10-121107 — Lab Sample ID: 440-29146-2

Date Collected: 11/07/12 09:55 — **Matrix: Solid**
Date Received: 11/08/12 15:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			10.06 g	10 mL	67017	11/15/12 09:33	AL	TAL IRV
Total/NA	Analysis	8260B		100			66975	11/15/12 11:55	NA	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		100			66976	11/15/12 11:55	NA	TAL IRV

Client Sample ID: CB-5-S-15-121107 — Lab Sample ID: 440-29146-3

Date Collected: 11/07/12 09:59 — **Matrix: Solid**
Date Received: 11/08/12 15:05

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	5.01 g	10 mL	66056	11/12/12 18:12	CP	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	5.01 g	10 mL	66128	11/12/12 18:12	CP	TAL IRV

Client Sample ID: CB-5-S-20-121107 — Lab Sample ID: 440-29146-4

Date Collected: 11/07/12 10:07 — **Matrix: Solid**
Date Received: 11/08/12 15:05

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	4.99 g	10 mL	66254	11/12/12 23:05	RM	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	4.99 g	10 mL	66255	11/12/12 23:05	RM	TAL IRV

Client Sample ID: CB-5-S-25-121107 — Lab Sample ID: 440-29146-5

Date Collected: 11/07/12 10:17 — **Matrix: Solid**
Date Received: 11/08/12 15:05

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	5.01 g	10 mL	66254	11/13/12 00:29	RM	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	5.01 g	10 mL	66255	11/13/12 00:29	RM	TAL IRV

Lab Chronicle

Client: Science Applications International Corp
Project/Site: CVX 9-8721

TestAmerica Job ID: 440-29146-1

Client Sample ID: CB-5-S-30-121107 — Lab Sample ID: 440-29146-6

Date Collected: 11/07/12 10:20 — **Matrix: Solid**
Date Received: 11/08/12 15:05

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	4.97 g	10 mL	66254	11/13/12 00:57	RM	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	4.97 g	10 mL	66255	11/13/12 00:57	RM	TAL IRV

Client Sample ID: CB-6-S-5-121107 — Lab Sample ID: 440-29146-7

Date Collected: 11/07/12 11:00 — **Matrix: Solid**
Date Received: 11/08/12 15:05

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	4.98 g	10 mL	66254	11/13/12 01:25	RM	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	4.98 g	10 mL	66255	11/13/12 01:25	RM	TAL IRV

Client Sample ID: CB-6-S-10-121107 — Lab Sample ID: 440-29146-8

Date Collected: 11/07/12 12:50 — **Matrix: Solid**
Date Received: 11/08/12 15:05

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	1.01 g	10 mL	66254	11/13/12 01:53	RM	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	1.01 g	10 mL	66255	11/13/12 01:53	RM	TAL IRV

Client Sample ID: CB-6-S-15-121107 — Lab Sample ID: 440-29146-9

Date Collected: 11/07/12 12:58 — **Matrix: Solid**
Date Received: 11/08/12 15:05

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	5.02 g	10 mL	66254	11/13/12 02:21	RM	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	5.02 g	10 mL	66255	11/13/12 02:21	RM	TAL IRV

Client Sample ID: CB-6-S-20-121107 — Lab Sample ID: 440-29146-10

Date Collected: 11/07/12 13:05 — **Matrix: Solid**
Date Received: 11/08/12 15:05

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	4.99 g	10 mL	66254	11/13/12 02:49	RM	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	4.99 g	10 mL	66255	11/13/12 02:49	RM	TAL IRV

Client Sample ID: CB-6-S-25-121107 — Lab Sample ID: 440-29146-11

Date Collected: 11/07/12 13:10 — **Matrix: Solid**
Date Received: 11/08/12 15:05

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	5 g	10 mL	66254	11/13/12 03:17	RM	TAL IRV

Lab Chronicle

Client: Science Applications International Corp
Project/Site: CVX 9-8721

TestAmerica Job ID: 440-29146-1

Client Sample ID: CB-6-S-25-121107 — Lab Sample ID: 440-29146-11

Date Collected: 11/07/12 13:10 — **Matrix: Solid**
Date Received: 11/08/12 15:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	5 g	10 mL	66255	11/13/12 03:17	RM	TAL IRV

Client Sample ID: CB-6-S-30-121107 — Lab Sample ID: 440-29146-12

Date Collected: 11/07/12 13:36 — **Matrix: Solid**
Date Received: 11/08/12 15:05

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	4.98 g	10 mL	66254	11/13/12 03:45	RM	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	4.98 g	10 mL	66255	11/13/12 03:45	RM	TAL IRV

Client Sample ID: CB-7-S-5-121108 — Lab Sample ID: 440-29146-13

Date Collected: 11/08/12 11:51 — **Matrix: Solid**
Date Received: 11/08/12 15:05

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	4.97 g	10 mL	66254	11/13/12 04:13	RM	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	4.97 g	10 mL	66255	11/13/12 04:13	RM	TAL IRV

Client Sample ID: CB-7-S-10-121108 — Lab Sample ID: 440-29146-14

Date Collected: 11/08/12 12:06 — **Matrix: Solid**
Date Received: 11/08/12 15:05

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	4.97 g	10 mL	66254	11/13/12 04:41	RM	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	4.97 g	10 mL	66255	11/13/12 04:41	RM	TAL IRV

Client Sample ID: CB-7-S-15-121108 — Lab Sample ID: 440-29146-15

Date Collected: 11/08/12 12:23 — **Matrix: Solid**
Date Received: 11/08/12 15:05

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	5.01 g	10 mL	66333	11/13/12 12:39	BD	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	5.01 g	10 mL	66334	11/13/12 12:39	BD	TAL IRV

Client Sample ID: CB-7-S-20-121108 — Lab Sample ID: 440-29146-16

Date Collected: 11/08/12 12:29 — **Matrix: Solid**
Date Received: 11/08/12 15:05

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	5.02 g	10 mL	66333	11/13/12 10:41	BD	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	5.02 g	10 mL	66334	11/13/12 10:41	BD	TAL IRV

Lab Chronicle

Client: Science Applications International Corp
Project/Site: CVX 9-8721

TestAmerica Job ID: 440-29146-1

Client Sample ID: CB-7-S-25-121108

Lab Sample ID: 440-29146-17

Date Collected: 11/08/12 12:58

Matrix: Solid

Date Received: 11/08/12 15:05

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	5 g	10 mL	66333	11/13/12 13:07	BD	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	5 g	10 mL	66334	11/13/12 13:07	BD	TAL IRV

Client Sample ID: CB-7-S-30-121108

Lab Sample ID: 440-29146-18

Date Collected: 11/08/12 12:58

Matrix: Solid

Date Received: 11/08/12 15:05

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	5.01 g	10 mL	66333	11/13/12 13:35	BD	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	5.01 g	10 mL	66334	11/13/12 13:35	BD	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: Science Applications International Corp
Project/Site: CVX 9-8721

TestAmerica Job ID: 440-29146-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: 440-29015-E-19-B MS
Matrix: Solid
Analysis Batch: 66056

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 65362

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND		0.0538	0.0597		mg/Kg		111	65 - 130
Isopropyl Ether (DIPE)	ND		0.0538	0.0590		mg/Kg		110	60 - 150
Ethyl-t-butyl ether (ETBE)	ND		0.0538	0.0579		mg/Kg		108	60 - 145
Ethylbenzene	ND		0.0538	0.0592		mg/Kg		110	70 - 135
m,p-Xylene	ND		0.108	0.125		mg/Kg		116	70 - 130
Methyl-t-Butyl Ether (MTBE)	ND		0.0538	0.0620		mg/Kg		115	55 - 155
o-Xylene	ND		0.0538	0.0615		mg/Kg		114	65 - 130
Tert-amyl-methyl ether (TAME)	ND		0.0538	0.0617		mg/Kg		115	60 - 150
tert-Butyl alcohol (TBA)	ND		0.269	0.295		mg/Kg		110	65 - 145
Toluene	ND		0.0538	0.0620		mg/Kg		115	70 - 130
Naphthalene	ND		0.0538	0.0589		mg/Kg		110	40 - 150

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Toluene-d8 (Surr)	*107*		*80 - 120*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*
Dibromofluoromethane (Surr)	*98*		*80 - 125*

Lab Sample ID: 440-29015-E-19-C MSD
Matrix: Solid
Analysis Batch: 66056

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 65362

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	ND		0.0521	0.0567		mg/Kg		109	65 - 130	5	20
Isopropyl Ether (DIPE)	ND		0.0521	0.0552		mg/Kg		106	60 - 150	7	25
Ethyl-t-butyl ether (ETBE)	ND		0.0521	0.0560		mg/Kg		108	60 - 145	3	30
Ethylbenzene	ND		0.0521	0.0549		mg/Kg		105	70 - 135	7	25
m,p-Xylene	ND		0.104	0.117		mg/Kg		112	70 - 130	7	25
Methyl-t-Butyl Ether (MTBE)	ND		0.0521	0.0581		mg/Kg		111	55 - 155	7	35
o-Xylene	ND		0.0521	0.0581		mg/Kg		112	65 - 130	6	25
Tert-amyl-methyl ether (TAME)	ND		0.0521	0.0614		mg/Kg		118	60 - 150	0	25
tert-Butyl alcohol (TBA)	ND		0.260	0.274		mg/Kg		105	65 - 145	7	30
Toluene	ND		0.0521	0.0580		mg/Kg		111	70 - 130	7	20
Naphthalene	ND		0.0521	0.0557		mg/Kg		107	40 - 150	6	40

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*106*		*80 - 120*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*
Dibromofluoromethane (Surr)	*100*		*80 - 125*

Lab Sample ID: MB 440-66056/14
Matrix: Solid
Analysis Batch: 66056

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	0.00050	mg/Kg			11/12/12 10:55	1
Isopropyl Ether (DIPE)	ND		0.0050	0.00050	mg/Kg			11/12/12 10:55	1
Ethyl-t-butyl ether (ETBE)	ND		0.0050	0.00058	mg/Kg			11/12/12 10:55	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 440-66056/14
Matrix: Solid
Analysis Batch: 66056

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		0.0020	0.00050	mg/Kg			11/12/12 10:55	1
m,p-Xylene	ND		0.0020	0.00080	mg/Kg			11/12/12 10:55	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0050	0.0010	mg/Kg			11/12/12 10:55	1
o-Xylene	ND		0.0020	0.00050	mg/Kg			11/12/12 10:55	1
Tert-amyl-methyl ether (TAME)	ND		0.0050	0.00064	mg/Kg			11/12/12 10:55	1
tert-Butyl alcohol (TBA)	ND		0.10	0.010	mg/Kg			11/12/12 10:55	1
Toluene	ND		0.0020	0.00050	mg/Kg			11/12/12 10:55	1
Xylenes, Total	ND		0.0040	0.0013	mg/Kg			11/12/12 10:55	1
Naphthalene	ND		0.0050	0.0011	mg/Kg			11/12/12 10:55	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*108*		*80 - 120*		*11/12/12 10:55*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*		*11/12/12 10:55*	*1*
Dibromofluoromethane (Surr)	*96*		*80 - 125*		*11/12/12 10:55*	*1*

Lab Sample ID: LCS 440-66056/5
Matrix: Solid
Analysis Batch: 66056

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0500	0.0492		mg/Kg		98	65 - 120
Isopropyl Ether (DIPE)	0.0500	0.0466		mg/Kg		93	60 - 140
Ethyl-t-butyl ether (ETBE)	0.0500	0.0488		mg/Kg		98	60 - 140
Ethylbenzene	0.0500	0.0460		mg/Kg		92	70 - 125
m,p-Xylene	0.100	0.0946		mg/Kg		95	70 - 125
Methyl-t-Butyl Ether (MTBE)	0.0500	0.0518		mg/Kg		104	60 - 140
o-Xylene	0.0500	0.0486		mg/Kg		97	70 - 125
Tert-amyl-methyl ether (TAME)	0.0500	0.0527		mg/Kg		105	60 - 145
tert-Butyl alcohol (TBA)	0.250	0.234		mg/Kg		93	70 - 135
Toluene	0.0500	0.0495		mg/Kg		99	70 - 125
Naphthalene	0.0500	0.0473		mg/Kg		95	55 - 135

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*107*		*80 - 120*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*
Dibromofluoromethane (Surr)	*98*		*80 - 125*

Lab Sample ID: MB 440-66254/4
Matrix: Solid
Analysis Batch: 66254

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	0.00050	mg/Kg			11/12/12 21:13	1
Isopropyl Ether (DIPE)	ND		0.0050	0.00050	mg/Kg			11/12/12 21:13	1
Ethyl-t-butyl ether (ETBE)	ND		0.0050	0.00058	mg/Kg			11/12/12 21:13	1
Ethylbenzene	ND		0.0020	0.00050	mg/Kg			11/12/12 21:13	1
m,p-Xylene	ND		0.0020	0.00080	mg/Kg			11/12/12 21:13	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0050	0.0010	mg/Kg			11/12/12 21:13	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 440-66254/4
Matrix: Solid
Analysis Batch: 66254

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.0020	0.00050	mg/Kg			11/12/12 21:13	1
Tert-amyl-methyl ether (TAME)	ND		0.0050	0.00064	mg/Kg			11/12/12 21:13	1
tert-Butyl alcohol (TBA)	ND		0.10	0.010	mg/Kg			11/12/12 21:13	1
Toluene	ND		0.0020	0.00050	mg/Kg			11/12/12 21:13	1
Xylenes, Total	ND		0.0040	0.0013	mg/Kg			11/12/12 21:13	1
Naphthalene	ND		0.0050	0.0011	mg/Kg			11/12/12 21:13	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*103*		*80 - 120*		*11/12/12 21:13*	*1*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*11/12/12 21:13*	*1*
Dibromofluoromethane (Surr)	*100*		*80 - 125*		*11/12/12 21:13*	*1*

Lab Sample ID: LCS 440-66254/5
Matrix: Solid
Analysis Batch: 66254

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0500	0.0503		mg/Kg		101	65 - 120
Isopropyl Ether (DIPE)	0.0500	0.0543		mg/Kg		109	60 - 140
Ethyl-t-butyl ether (ETBE)	0.0500	0.0513		mg/Kg		103	60 - 140
Ethylbenzene	0.0500	0.0534		mg/Kg		107	70 - 125
m,p-Xylene	0.100	0.111		mg/Kg		111	70 - 125
Methyl-t-Butyl Ether (MTBE)	0.0500	0.0551		mg/Kg		110	60 - 140
o-Xylene	0.0500	0.0558		mg/Kg		112	70 - 125
Tert-amyl-methyl ether (TAME)	0.0500	0.0539		mg/Kg		108	60 - 145
tert-Butyl alcohol (TBA)	0.250	0.238		mg/Kg		95	70 - 135
Toluene	0.0500	0.0532		mg/Kg		106	70 - 125
Naphthalene	0.0500	0.0592		mg/Kg		118	55 - 135

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*105*		*80 - 120*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*
Dibromofluoromethane (Surr)	*103*		*80 - 125*

Lab Sample ID: 440-29146-4 MS
Matrix: Solid
Analysis Batch: 66254

Client Sample ID: CB-5-S-20-121107
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0024		0.0502	0.0544		mg/Kg		104	65 - 130
Isopropyl Ether (DIPE)	ND		0.0502	0.0552		mg/Kg		110	60 - 150
Ethyl-t-butyl ether (ETBE)	ND		0.0502	0.0518		mg/Kg		103	60 - 145
Ethylbenzene	0.027		0.0502	0.0868		mg/Kg		120	70 - 135
m,p-Xylene	0.041		0.100	0.164		mg/Kg		123	70 - 130
Methyl-t-Butyl Ether (MTBE)	ND		0.0502	0.0544		mg/Kg		108	55 - 155
o-Xylene	0.023		0.0502	0.0859		mg/Kg		125	65 - 130
Tert-amyl-methyl ether (TAME)	ND		0.0502	0.0539		mg/Kg		107	60 - 150
tert-Butyl alcohol (TBA)	ND		0.251	0.262		mg/Kg		104	65 - 145

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-29146-4 MS
Matrix: Solid
Analysis Batch: 66254

Client Sample ID: CB-5-S-20-121107
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Toluene	0.0011	J	0.0502	0.0561		mg/Kg		110	70 - 130
Naphthalene	0.024		0.0502	0.0741		mg/Kg		100	40 - 150

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Toluene-d8 (Surr)	*105*		*80 - 120*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*
Dibromofluoromethane (Surr)	*99*		*80 - 125*

Lab Sample ID: 440-29146-4 MSD
Matrix: Solid
Analysis Batch: 66254

Client Sample ID: CB-5-S-20-121107
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.0024		0.0500	0.0524		mg/Kg		100	65 - 130	4	20
Isopropyl Ether (DIPE)	ND		0.0500	0.0545		mg/Kg		109	60 - 150	1	25
Ethyl-t-butyl ether (ETBE)	ND		0.0500	0.0498		mg/Kg		100	60 - 145	4	30
Ethylbenzene	0.027		0.0500	0.0862		mg/Kg		119	70 - 135	1	25
m,p-Xylene	0.041		0.100	0.166		mg/Kg		125	70 - 130	1	25
Methyl-t-Butyl Ether (MTBE)	ND		0.0500	0.0524		mg/Kg		105	55 - 155	4	35
o-Xylene	0.023		0.0500	0.0868		mg/Kg		127	65 - 130	1	25
Tert-amyl-methyl ether (TAME)	ND		0.0500	0.0534		mg/Kg		107	60 - 150	1	25
tert-Butyl alcohol (TBA)	ND		0.250	0.249		mg/Kg		100	65 - 145	5	30
Toluene	0.0011	J	0.0500	0.0547		mg/Kg		107	70 - 130	2	20
Naphthalene	0.024		0.0500	0.0785		mg/Kg		109	40 - 150	6	40

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*103*		*80 - 120*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*
Dibromofluoromethane (Surr)	*96*		*80 - 125*

Lab Sample ID: MB 440-66333/4
Matrix: Solid
Analysis Batch: 66333

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	0.00050	mg/Kg			11/13/12 09:02	1
Isopropyl Ether (DIPE)	ND		0.0050	0.00050	mg/Kg			11/13/12 09:02	1
Ethyl-t-butyl ether (ETBE)	ND		0.0050	0.00058	mg/Kg			11/13/12 09:02	1
Ethylbenzene	ND		0.0020	0.00050	mg/Kg			11/13/12 09:02	1
m,p-Xylene	ND		0.0020	0.00080	mg/Kg			11/13/12 09:02	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0050	0.0010	mg/Kg			11/13/12 09:02	1
o-Xylene	ND		0.0020	0.00050	mg/Kg			11/13/12 09:02	1
Tert-amyl-methyl ether (TAME)	ND		0.0050	0.00064	mg/Kg			11/13/12 09:02	1
tert-Butyl alcohol (TBA)	ND		0.10	0.010	mg/Kg			11/13/12 09:02	1
Toluene	ND		0.0020	0.00050	mg/Kg			11/13/12 09:02	1
Xylenes, Total	ND		0.0040	0.0013	mg/Kg			11/13/12 09:02	1
Naphthalene	ND		0.0050	0.0011	mg/Kg			11/13/12 09:02	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 440-66333/4
Matrix: Solid
Analysis Batch: 66333

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	106		80 - 120		11/13/12 09:02	1
4-Bromofluorobenzene (Surr)	102		80 - 120		11/13/12 09:02	1
Dibromofluoromethane (Surr)	109		80 - 125		11/13/12 09:02	1

Lab Sample ID: LCS 440-66333/5
Matrix: Solid
Analysis Batch: 66333

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0500	0.0533		mg/Kg		107	65 - 120
Isopropyl Ether (DIPE)	0.0500	0.0595		mg/Kg		119	60 - 140
Ethyl-t-butyl ether (ETBE)	0.0500	0.0559		mg/Kg		112	60 - 140
Ethylbenzene	0.0500	0.0564		mg/Kg		113	70 - 125
m,p-Xylene	0.100	0.115		mg/Kg		115	70 - 125
Methyl-t-Butyl Ether (MTBE)	0.0500	0.0587		mg/Kg		117	60 - 140
o-Xylene	0.0500	0.0590		mg/Kg		118	70 - 125
Tert-amyl-methyl ether (TAME)	0.0500	0.0573		mg/Kg		115	60 - 145
tert-Butyl alcohol (TBA)	0.250	0.267		mg/Kg		107	70 - 135
Toluene	0.0500	0.0562		mg/Kg		112	70 - 125
Naphthalene	0.0500	0.0551		mg/Kg		110	55 - 135

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	107		80 - 120
4-Bromofluorobenzene (Surr)	105		80 - 120
Dibromofluoromethane (Surr)	110		80 - 125

Lab Sample ID: 440-29146-16 MS
Matrix: Solid
Analysis Batch: 66333

Client Sample ID: CB-7-S-20-121108
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND		0.0495	0.0553		mg/Kg		112	65 - 130
Isopropyl Ether (DIPE)	ND		0.0495	0.0577		mg/Kg		117	60 - 150
Ethyl-t-butyl ether (ETBE)	ND		0.0495	0.0538		mg/Kg		109	60 - 145
Ethylbenzene	ND		0.0495	0.0590		mg/Kg		119	70 - 135
m,p-Xylene	ND		0.0990	0.121		mg/Kg		122	70 - 130
Methyl-t-Butyl Ether (MTBE)	ND		0.0495	0.0563		mg/Kg		114	55 - 155
o-Xylene	ND		0.0495	0.0614		mg/Kg		124	65 - 130
Tert-amyl-methyl ether (TAME)	ND		0.0495	0.0561		mg/Kg		113	60 - 150
tert-Butyl alcohol (TBA)	ND		0.248	0.271		mg/Kg		109	65 - 145
Toluene	ND		0.0495	0.0593		mg/Kg		120	70 - 130
Naphthalene	ND		0.0495	0.0562		mg/Kg		114	40 - 150

Surrogate	MS %Recovery	MS Qualifier	Limits
Toluene-d8 (Surr)	107		80 - 120
4-Bromofluorobenzene (Surr)	101		80 - 120
Dibromofluoromethane (Surr)	101		80 - 125

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-29146-16 MSD — **Client Sample ID: CB-7-S-20-121108**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 66333

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	ND		0.0498	0.0574		mg/Kg		115	65 - 130	4	20
Isopropyl Ether (DIPE)	ND		0.0498	0.0624		mg/Kg		125	60 - 150	8	25
Ethyl-t-butyl ether (ETBE)	ND		0.0498	0.0588		mg/Kg		118	60 - 145	9	30
Ethylbenzene	ND		0.0498	0.0616		mg/Kg		124	70 - 135	4	25
m,p-Xylene	ND		0.0996	0.127		mg/Kg		128	70 - 130	5	25
Methyl-t-Butyl Ether (MTBE)	ND		0.0498	0.0622		mg/Kg		125	55 - 155	10	35
o-Xylene	ND		0.0498	0.0646		mg/Kg		130	65 - 130	5	25
Tert-amyl-methyl ether (TAME)	ND		0.0498	0.0614		mg/Kg		123	60 - 150	9	25
tert-Butyl alcohol (TBA)	ND		0.249	0.278		mg/Kg		112	65 - 145	3	30
Toluene	ND		0.0498	0.0607		mg/Kg		122	70 - 130	2	20
Naphthalene	ND		0.0498	0.0609		mg/Kg		122	40 - 150	8	40

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*105*		*80 - 120*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*
Dibromofluoromethane (Surr)	*103*		*80 - 125*

Lab Sample ID: MB 440-66895/4 — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 66895

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	0.00050	mg/Kg			11/14/12 20:31	1
Isopropyl Ether (DIPE)	ND		0.0050	0.00050	mg/Kg			11/14/12 20:31	1
Ethyl-t-butyl ether (ETBE)	ND		0.0050	0.00058	mg/Kg			11/14/12 20:31	1
Ethylbenzene	ND		0.0020	0.00050	mg/Kg			11/14/12 20:31	1
m,p-Xylene	ND		0.0020	0.00080	mg/Kg			11/14/12 20:31	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0050	0.0010	mg/Kg			11/14/12 20:31	1
o-Xylene	ND		0.0020	0.00050	mg/Kg			11/14/12 20:31	1
Tert-amyl-methyl ether (TAME)	ND		0.0050	0.00064	mg/Kg			11/14/12 20:31	1
tert-Butyl alcohol (TBA)	ND		0.10	0.010	mg/Kg			11/14/12 20:31	1
Toluene	ND		0.0020	0.00050	mg/Kg			11/14/12 20:31	1
Xylenes, Total	ND		0.0040	0.0013	mg/Kg			11/14/12 20:31	1
Naphthalene	ND		0.0050	0.0011	mg/Kg			11/14/12 20:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*108*		*80 - 120*		*11/14/12 20:31*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*11/14/12 20:31*	*1*
Dibromofluoromethane (Surr)	*107*		*80 - 125*		*11/14/12 20:31*	*1*

Lab Sample ID: LCS 440-66895/5 — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 66895

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0500	0.0474		mg/Kg		95	65 - 120
Isopropyl Ether (DIPE)	0.0500	0.0509		mg/Kg		102	60 - 140

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 440-66895/5
Matrix: Solid
Analysis Batch: 66895

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethyl-t-butyl ether (ETBE)	0.0500	0.0496		mg/Kg		99	60 - 140
Ethylbenzene	0.0500	0.0510		mg/Kg		102	70 - 125
m,p-Xylene	0.100	0.102		mg/Kg		102	70 - 125
Methyl-t-Butyl Ether (MTBE)	0.0500	0.0536		mg/Kg		107	60 - 140
o-Xylene	0.0500	0.0525		mg/Kg		105	70 - 125
Tert-amyl-methyl ether (TAME)	0.0500	0.0523		mg/Kg		105	60 - 145
tert-Butyl alcohol (TBA)	0.250	0.239		mg/Kg		96	70 - 135
Toluene	0.0500	0.0480		mg/Kg		96	70 - 125
Naphthalene	0.0500	0.0499		mg/Kg		100	55 - 135

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*104*		*80 - 120*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*
Dibromofluoromethane (Surr)	*111*		*80 - 125*

Lab Sample ID: 440-28923-A-28 MS
Matrix: Solid
Analysis Batch: 66895

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	0.0011	J	0.0501	0.0492		mg/Kg		96	65 - 130
Isopropyl Ether (DIPE)	ND		0.0501	0.0489		mg/Kg		98	60 - 150
Ethyl-t-butyl ether (ETBE)	ND		0.0501	0.0486		mg/Kg		97	60 - 145
Ethylbenzene	ND		0.0501	0.0493		mg/Kg		98	70 - 135
m,p-Xylene	0.0010	J	0.100	0.0992		mg/Kg		98	70 - 130
Methyl-t-Butyl Ether (MTBE)	0.044		0.0501	0.0961		mg/Kg		104	55 - 155
o-Xylene	0.00058	J	0.0501	0.0496		mg/Kg		98	65 - 130
Tert-amyl-methyl ether (TAME)	0.00087	J	0.0501	0.0513		mg/Kg		101	60 - 150
tert-Butyl alcohol (TBA)	0.11		0.251	0.367		mg/Kg		101	65 - 145
Toluene	0.00092	J	0.0501	0.0508		mg/Kg		100	70 - 130
Naphthalene	0.0074		0.0501	0.0569		mg/Kg		99	40 - 150

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Toluene-d8 (Surr)	*104*		*80 - 120*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*
Dibromofluoromethane (Surr)	*106*		*80 - 125*

Lab Sample ID: 440-28923-A-28 MSD
Matrix: Solid
Analysis Batch: 66895

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	0.0011	J	0.0496	0.0470		mg/Kg		92	65 - 130	5	20
Isopropyl Ether (DIPE)	ND		0.0496	0.0459		mg/Kg		92	60 - 150	6	25
Ethyl-t-butyl ether (ETBE)	ND		0.0496	0.0458		mg/Kg		92	60 - 145	6	30
Ethylbenzene	ND		0.0496	0.0463		mg/Kg		93	70 - 135	6	25
m,p-Xylene	0.0010	J	0.0992	0.0962		mg/Kg		96	70 - 130	3	25
Methyl-t-Butyl Ether (MTBE)	0.044		0.0496	0.0916		mg/Kg		96	55 - 155	5	35

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-28923-A-28 MSD
Matrix: Solid
Analysis Batch: 66895

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
o-Xylene	0.00058	J	0.0496	0.0474		mg/Kg		94	65 - 130	5	25
Tert-amyl-methyl ether (TAME)	0.00087	J	0.0496	0.0488		mg/Kg		97	60 - 150	5	25
tert-Butyl alcohol (TBA)	0.11		0.248	0.353		mg/Kg		96	65 - 145	4	30
Toluene	0.00092	J	0.0496	0.0479		mg/Kg		95	70 - 130	6	20
Naphthalene	0.0074		0.0496	0.0563		mg/Kg		99	40 - 150	1	40

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*106*		*80 - 120*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*
Dibromofluoromethane (Surr)	*104*		*80 - 125*

Lab Sample ID: MB 440-66975/4
Matrix: Solid
Analysis Batch: 66975

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.10	0.034	mg/Kg			11/15/12 09:38	100
Isopropyl Ether (DIPE)	ND		0.25	0.051	mg/Kg			11/15/12 09:38	100
Ethyl-t-butyl ether (ETBE)	ND		0.25	0.066	mg/Kg			11/15/12 09:38	100
Ethylbenzene	ND		0.10	0.027	mg/Kg			11/15/12 09:38	100
m,p-Xylene	ND		0.10	0.053	mg/Kg			11/15/12 09:38	100
Methyl-t-Butyl Ether (MTBE)	ND		0.25	0.062	mg/Kg			11/15/12 09:38	100
o-Xylene	ND		0.10	0.028	mg/Kg			11/15/12 09:38	100
Tert-amyl-methyl ether (TAME)	ND		0.25	0.068	mg/Kg			11/15/12 09:38	100
tert-Butyl alcohol (TBA)	ND		5.0	0.50	mg/Kg			11/15/12 09:38	100
Toluene	ND		0.10	0.033	mg/Kg			11/15/12 09:38	100
Xylenes, Total	ND		0.20	0.053	mg/Kg			11/15/12 09:38	100
Naphthalene	ND		0.25	0.081	mg/Kg			11/15/12 09:38	100

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*60 - 140*		*11/15/12 09:38*	*100*
4-Bromofluorobenzene (Surr)	*98*		*65 - 140*		*11/15/12 09:38*	*100*
Dibromofluoromethane (Surr)	*105*		*55 - 140*		*11/15/12 09:38*	*100*

Lab Sample ID: LCS 440-66975/5
Matrix: Solid
Analysis Batch: 66975

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	2.50	2.74		mg/Kg		110	65 - 120
Isopropyl Ether (DIPE)	2.50	3.06		mg/Kg		123	60 - 140
Ethyl-t-butyl ether (ETBE)	2.50	3.28		mg/Kg		131	60 - 140
Ethylbenzene	2.50	2.84		mg/Kg		113	80 - 120
m,p-Xylene	5.00	5.34		mg/Kg		107	70 - 125
Methyl-t-Butyl Ether (MTBE)	2.50	3.10		mg/Kg		124	55 - 145
o-Xylene	2.50	2.82		mg/Kg		113	70 - 125
Tert-amyl-methyl ether (TAME)	2.50	3.31		mg/Kg		132	60 - 145
tert-Butyl alcohol (TBA)	12.5	11.3		mg/Kg		90	65 - 140

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 440-66975/5
Matrix: Solid
Analysis Batch: 66975

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Toluene	2.50	2.73		mg/Kg		109	80 - 120
Naphthalene	2.50	2.80		mg/Kg		112	50 - 140

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*103*		*60 - 140*
4-Bromofluorobenzene (Surr)	*98*		*65 - 140*
Dibromofluoromethane (Surr)	*109*		*55 - 140*

Lab Sample ID: LCSD 440-66975/7
Matrix: Solid
Analysis Batch: 66975

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	2.50	2.71		mg/Kg		108	65 - 120	1	20
Isopropyl Ether (DIPE)	2.50	2.80		mg/Kg		112	60 - 140	9	20
Ethyl-t-butyl ether (ETBE)	2.50	2.97		mg/Kg		119	60 - 140	10	20
Ethylbenzene	2.50	2.72		mg/Kg		109	80 - 120	4	20
m,p-Xylene	5.00	5.12		mg/Kg		102	70 - 125	4	20
Methyl-t-Butyl Ether (MTBE)	2.50	2.87		mg/Kg		115	55 - 145	8	25
o-Xylene	2.50	2.75		mg/Kg		110	70 - 125	3	20
Tert-amyl-methyl ether (TAME)	2.50	3.05		mg/Kg		122	60 - 145	8	25
tert-Butyl alcohol (TBA)	12.5	11.3		mg/Kg		90	65 - 140	0	20
Toluene	2.50	2.75		mg/Kg		110	80 - 120	1	20
Naphthalene	2.50	2.86		mg/Kg		114	50 - 140	2	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*101*		*60 - 140*
4-Bromofluorobenzene (Surr)	*95*		*65 - 140*
Dibromofluoromethane (Surr)	*105*		*55 - 140*

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Lab Sample ID: 440-29015-E-19-B MS
Matrix: Solid
Analysis Batch: 66128

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 65362

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Volatile Fuel Hydrocarbons (C4-C12)	ND		3.71	3.01		mg/Kg		81	55 - 140

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*98*		*80 - 125*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*
Toluene-d8 (Surr)	*107*		*80 - 120*

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 440-29015-E-19-C MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 66128 — **Prep Batch: 65362**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Volatile Fuel Hydrocarbons (C4-C12)	ND		3.59	3.11		mg/Kg		87	55 - 140	3	25

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*100*		*80 - 125*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*
Toluene-d8 (Surr)	*106*		*80 - 120*

Lab Sample ID: MB 440-66128/14 — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 66128

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		0.10	0.060	mg/Kg			11/12/12 10:55	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*96*		*80 - 125*		*11/12/12 10:55*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*		*11/12/12 10:55*	*1*
Toluene-d8 (Surr)	*108*		*80 - 120*		*11/12/12 10:55*	*1*

Lab Sample ID: LCS 440-66128/6 — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 66128

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Volatile Fuel Hydrocarbons (C4-C12)	1.00	1.17		mg/Kg		117	60 - 135

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*95*		*80 - 125*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*
Toluene-d8 (Surr)	*107*		*80 - 120*

Lab Sample ID: MB 440-66255/4 — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 66255

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		0.10	0.060	mg/Kg			11/12/12 21:13	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*100*		*80 - 125*		*11/12/12 21:13*	*1*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*11/12/12 21:13*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*11/12/12 21:13*	*1*

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 440-66255/6 — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 66255

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Volatile Fuel Hydrocarbons (C4-C12)	1.00	0.954		mg/Kg		95	60 - 135

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*101*		*80 - 125*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*
Toluene-d8 (Surr)	*105*		*80 - 120*

Lab Sample ID: 440-29146-4 MS — **Client Sample ID: CB-5-S-20-121107**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 66255

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Volatile Fuel Hydrocarbons (C4-C12)	2.0		3.46	4.40		mg/Kg		70	55 - 140

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*99*		*80 - 125*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*
Toluene-d8 (Surr)	*105*		*80 - 120*

Lab Sample ID: 440-29146-4 MSD — **Client Sample ID: CB-5-S-20-121107**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 66255

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Volatile Fuel Hydrocarbons (C4-C12)	2.0		3.45	5.11		mg/Kg		91	55 - 140	15	25

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*96*		*80 - 125*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*
Toluene-d8 (Surr)	*103*		*80 - 120*

Lab Sample ID: MB 440-66334/4 — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 66334

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		0.10	0.060	mg/Kg			11/13/12 09:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*109*		*80 - 125*		*11/13/12 09:02*	*1*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*11/13/12 09:02*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*		*11/13/12 09:02*	*1*

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 440-66334/6 — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 66334

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Volatile Fuel Hydrocarbons (C4-C12)	1.00	1.04		mg/Kg		104	60 - 135

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*108*		*80 - 125*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*
Toluene-d8 (Surr)	*108*		*80 - 120*

Lab Sample ID: 440-29146-16 MS — **Client Sample ID: CB-7-S-20-121108**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 66334

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Volatile Fuel Hydrocarbons (C4-C12)	ND		3.42	3.08		mg/Kg		90	55 - 140

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*101*		*80 - 125*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*
Toluene-d8 (Surr)	*107*		*80 - 120*

Lab Sample ID: 440-29146-16 MSD — **Client Sample ID: CB-7-S-20-121108**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 66334

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Volatile Fuel Hydrocarbons (C4-C12)	ND		3.44	3.29		mg/Kg		96	55 - 140	7	25

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*103*		*80 - 125*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*
Toluene-d8 (Surr)	*105*		*80 - 120*

Lab Sample ID: MB 440-66896/4 — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 66896

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		0.10	0.060	mg/Kg			11/14/12 20:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*107*		*80 - 125*		*11/14/12 20:31*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*11/14/12 20:31*	*1*
Toluene-d8 (Surr)	*108*		*80 - 120*		*11/14/12 20:31*	*1*

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 440-66896/6 — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 66896

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Volatile Fuel Hydrocarbons (C4-C12)	1.00	1.13		mg/Kg		113	60 - 135

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*106*		*80 - 125*
4-Bromofluorobenzene (Surr)	*110*		*80 - 120*
Toluene-d8 (Surr)	*110*		*80 - 120*

Lab Sample ID: 440-28923-A-28 MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 66896

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Volatile Fuel Hydrocarbons (C4-C12)	0.12		3.46	2.81		mg/Kg		78	55 - 140

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*106*		*80 - 125*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*
Toluene-d8 (Surr)	*104*		*80 - 120*

Lab Sample ID: 440-28923-A-28 MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 66896

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Volatile Fuel Hydrocarbons (C4-C12)	0.12		3.42	2.85		mg/Kg		80	55 - 140	1	25

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*104*		*80 - 125*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*
Toluene-d8 (Surr)	*106*		*80 - 120*

Lab Sample ID: MB 440-66976/4 — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 66976

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		10	4.9	mg/Kg			11/15/12 09:38	100

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*105*		*55 - 140*		*11/15/12 09:38*	*100*
4-Bromofluorobenzene (Surr)	*98*		*65 - 140*		*11/15/12 09:38*	*100*
Toluene-d8 (Surr)	*100*		*60 - 140*		*11/15/12 09:38*	*100*

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 440-66976/8
Matrix: Solid
Analysis Batch: 66976

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Volatile Fuel Hydrocarbons (C4-C12)			50.0	47.2		mg/Kg		94	60 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*101*		*55 - 140*
4-Bromofluorobenzene (Surr)	*95*		*65 - 140*
Toluene-d8 (Surr)	*99*		*60 - 140*

Lab Sample ID: LCSD 440-66976/9
Matrix: Solid
Analysis Batch: 66976

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
Volatile Fuel Hydrocarbons (C4-C12)			50.0	44.8		mg/Kg		90	60 - 130	5	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*98*		*55 - 140*
4-Bromofluorobenzene (Surr)	*96*		*65 - 140*
Toluene-d8 (Surr)	*96*		*60 - 140*

QC Association Summary

Client: Science Applications International Corp
Project/Site: CVX 9-8721

TestAmerica Job ID: 440-29146-1

GC/MS VOA

Prep Batch: 65362

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-29015-E-19-B MS	Matrix Spike	Total/NA	Solid	5030B	
440-29015-E-19-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5030B	

Analysis Batch: 66056

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-29015-E-19-B MS	Matrix Spike	Total/NA	Solid	8260B	65362
440-29015-E-19-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8260B	65362
440-29146-3	CB-5-S-15-121107	Total/NA	Solid	8260B	
LCS 440-66056/5	Lab Control Sample	Total/NA	Solid	8260B	
MB 440-66056/14	Method Blank	Total/NA	Solid	8260B	

Analysis Batch: 66128

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-29015-E-19-B MS	Matrix Spike	Total/NA	Solid	8260B/CA_LUFT MS	65362
440-29015-E-19-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8260B/CA_LUFT MS	65362
440-29146-3	CB-5-S-15-121107	Total/NA	Solid	8260B/CA_LUFT MS	
LCS 440-66128/6	Lab Control Sample	Total/NA	Solid	8260B/CA_LUFT MS	
MB 440-66128/14	Method Blank	Total/NA	Solid	8260B/CA_LUFT MS	

Analysis Batch: 66254

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-29146-4	CB-5-S-20-121107	Total/NA	Solid	8260B	
440-29146-4 MS	CB-5-S-20-121107	Total/NA	Solid	8260B	
440-29146-4 MSD	CB-5-S-20-121107	Total/NA	Solid	8260B	
440-29146-5	CB-5-S-25-121107	Total/NA	Solid	8260B	
440-29146-6	CB-5-S-30-121107	Total/NA	Solid	8260B	
440-29146-7	CB-6-S-5-121107	Total/NA	Solid	8260B	
440-29146-8	CB-6-S-10-121107	Total/NA	Solid	8260B	
440-29146-9	CB-6-S-15-121107	Total/NA	Solid	8260B	
440-29146-10	CB-6-S-20-121107	Total/NA	Solid	8260B	
440-29146-11	CB-6-S-25-121107	Total/NA	Solid	8260B	
440-29146-12	CB-6-S-30-121107	Total/NA	Solid	8260B	
440-29146-13	CB-7-S-5-121108	Total/NA	Solid	8260B	
440-29146-14	CB-7-S-10-121108	Total/NA	Solid	8260B	
LCS 440-66254/5	Lab Control Sample	Total/NA	Solid	8260B	
MB 440-66254/4	Method Blank	Total/NA	Solid	8260B	

Analysis Batch: 66255

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-29146-4	CB-5-S-20-121107	Total/NA	Solid	8260B/CA_LUFT MS	
440-29146-4 MS	CB-5-S-20-121107	Total/NA	Solid	8260B/CA_LUFT MS	
440-29146-4 MSD	CB-5-S-20-121107	Total/NA	Solid	8260B/CA_LUFT MS	
440-29146-5	CB-5-S-25-121107	Total/NA	Solid	8260B/CA_LUFT MS	

GC/MS VOA (Continued)

Analysis Batch: 66255 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-29146-6	CB-5-S-30-121107	Total/NA	Solid	8260B/CA_LUFT MS	
440-29146-7	CB-6-S-5-121107	Total/NA	Solid	8260B/CA_LUFT MS	
440-29146-8	CB-6-S-10-121107	Total/NA	Solid	8260B/CA_LUFT MS	
440-29146-9	CB-6-S-15-121107	Total/NA	Solid	8260B/CA_LUFT MS	
440-29146-10	CB-6-S-20-121107	Total/NA	Solid	8260B/CA_LUFT MS	
440-29146-11	CB-6-S-25-121107	Total/NA	Solid	8260B/CA_LUFT MS	
440-29146-12	CB-6-S-30-121107	Total/NA	Solid	8260B/CA_LUFT MS	
440-29146-13	CB-7-S-5-121108	Total/NA	Solid	8260B/CA_LUFT MS	
440-29146-14	CB-7-S-10-121108	Total/NA	Solid	8260B/CA_LUFT MS	
LCS 440-66255/6	Lab Control Sample	Total/NA	Solid	8260B/CA_LUFT MS	
MB 440-66255/4	Method Blank	Total/NA	Solid	8260B/CA_LUFT MS	

Analysis Batch: 66333

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-29146-15	CB-7-S-15-121108	Total/NA	Solid	8260B	
440-29146-16	CB-7-S-20-121108	Total/NA	Solid	8260B	
440-29146-16 MS	CB-7-S-20-121108	Total/NA	Solid	8260B	
440-29146-16 MSD	CB-7-S-20-121108	Total/NA	Solid	8260B	
440-29146-17	CB-7-S-25-121108	Total/NA	Solid	8260B	
440-29146-18	CB-7-S-30-121108	Total/NA	Solid	8260B	
LCS 440-66333/5	Lab Control Sample	Total/NA	Solid	8260B	
MB 440-66333/4	Method Blank	Total/NA	Solid	8260B	

Analysis Batch: 66334

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-29146-15	CB-7-S-15-121108	Total/NA	Solid	8260B/CA_LUFT MS	
440-29146-16	CB-7-S-20-121108	Total/NA	Solid	8260B/CA_LUFT MS	
440-29146-16 MS	CB-7-S-20-121108	Total/NA	Solid	8260B/CA_LUFT MS	
440-29146-16 MSD	CB-7-S-20-121108	Total/NA	Solid	8260B/CA_LUFT MS	
440-29146-17	CB-7-S-25-121108	Total/NA	Solid	8260B/CA_LUFT MS	
440-29146-18	CB-7-S-30-121108	Total/NA	Solid	8260B/CA_LUFT MS	
LCS 440-66334/6	Lab Control Sample	Total/NA	Solid	8260B/CA_LUFT MS	
MB 440-66334/4	Method Blank	Total/NA	Solid	8260B/CA_LUFT MS	

GC/MS VOA (Continued)

Analysis Batch: 66895

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-28923-A-28 MS	Matrix Spike	Total/NA	Solid	8260B	
440-28923-A-28 MSD	Matrix Spike Duplicate	Total/NA	Solid	8260B	
440-29146-1	CB-5-S-5-121107	Total/NA	Solid	8260B	
LCS 440-66895/5	Lab Control Sample	Total/NA	Solid	8260B	
MB 440-66895/4	Method Blank	Total/NA	Solid	8260B	

Analysis Batch: 66896

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-28923-A-28 MS	Matrix Spike	Total/NA	Solid	8260B/CA_LUFT MS	
440-28923-A-28 MSD	Matrix Spike Duplicate	Total/NA	Solid	8260B/CA_LUFT MS	
440-29146-1	CB-5-S-5-121107	Total/NA	Solid	8260B/CA_LUFT MS	
LCS 440-66896/6	Lab Control Sample	Total/NA	Solid	8260B/CA_LUFT MS	
MB 440-66896/4	Method Blank	Total/NA	Solid	8260B/CA_LUFT MS	

Analysis Batch: 66975

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-29146-2	CB-5-S-10-121107	Total/NA	Solid	8260B	67017
LCS 440-66975/5	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 440-66975/7	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 440-66975/4	Method Blank	Total/NA	Solid	8260B	

Analysis Batch: 66976

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-29146-2	CB-5-S-10-121107	Total/NA	Solid	8260B/CA_LUFT MS	67017
LCS 440-66976/8	Lab Control Sample	Total/NA	Solid	8260B/CA_LUFT MS	
LCSD 440-66976/9	Lab Control Sample Dup	Total/NA	Solid	8260B/CA_LUFT MS	
MB 440-66976/4	Method Blank	Total/NA	Solid	8260B/CA_LUFT MS	

Prep Batch: 67017

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-29146-2	CB-5-S-10-121107	Total/NA	Solid	5030B	

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

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, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDA	Minimum detectable activity
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
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: Science Applications International Corp
Project/Site: CVX 9-8721

TestAmerica Job ID: 440-29146-1

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	06-30-13
Arizona	State Program	9	AZ0671	10-13-13
California	LA Cty Sanitation Districts	9	10256	01-31-13
California	NELAC	9	1108CA	01-31-13
California	State Program	9	2706	06-30-14
Guam	State Program	9	Cert. No. 12.002r	01-23-13
Hawaii	State Program	9	N/A	01-31-13
Nevada	State Program	9	CA015312007A	07-31-13
New Mexico	State Program	6	N/A	01-31-13
Northern Mariana Islands	State Program	9	MP0002	01-31-13
Oregon	NELAC	10	4005	09-12-13
USDA	Federal		P330-09-00080	06-06-14
USEPA UCMR	Federal	1	CA01531	01-31-13

440-29146

CHAIN OF CUSTODY FORM

Chevron Environmental Management Company ■ 145 S. State College Boulevard, Suite 400 ■ Brea, CA 92821

COC 1 of 1

Chevron Site Number: 9-8721
Chevron Site Global ID: T0605900904
Chevron Site Address: 9971 ADAMS AVE. HUNTINGTON BEACH, CA
Chevron PM: DARYL PESSLER
Chevron PM Phone No.: (714) 671-3577
☑ Marketing Business Unit (MBU) Job
☐ Construction/Retail Job
Charge Code: NWRTB 0098721 -0- LAB
NWRTB 00 SITE NUMBER -0- WBS

WBS ELEMENTS:
Site Assessment: **A1L** Remediation Implementation: **R5L**
Site Monitoring: **OML** Operation Maintenance & Monitoring: **M1L**

This is a LEGAL document. ALL fields must be filled out CORRECTLY and COMPLETELY.

Chevron Consultant: Science Applications Intl. Corp. (SAIC)
Address: 590 W. Central Ave, Suite I, Brea, CA 92821
Consultant Contact: STEVE TARGANYAN
Consultant Phone No.: (714) 257-6487
Consultant Project No.:
Sampling Company: SAIC
Sampled By (PRINT): RYAN TEOXON
Sampler Signature:

~~Lancaster Laboratories~~
Lancaster, PA
Lab Contact:
Megan Moeller
Phone No.:
(717)656-2300
Ext. 1246

Other Lab: TEST AMERICA

Temp. Blank Check: Time ____ Temp. ____

ANALYSES REQUIRED

Preservation Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 O = Other

Special Instructions
EDF REQ'D

SAMPLE ID: Field Point Name	Matrix	Top Depth	Date (yymmdd)	Sample Time	# of Containers	Container Type	EPA 8260B/GC/MS TPH-G ☑ BTEX ☑ MTBE ☑ NAPHTHALENE OXYGENATES ☑ HVOC ☐	EPA 8015B GRO ☐ DRO ☐ ORO ☐ HC SCREEN ☐	TO-3 [TPH-G ☐ BTEX ☐ MTBE ☐]	TO-15 [BTEX ☐ MTBE ☐ OXYGENATES ☐]	TTO - 624	EPA 6010 Ca, Fe, K, Mg, Mn, Na	EPA 6010/7000 TITLE 22 METALS ☐ TTLC ☐ STLC ☐	EPA 418.1 TRPH ☐	EPA 413.1 OIL & GREASE ☐			Notes / Comments
CB-5	S	5	121107	0930	1	sleeve	X											
↓	↓	10	↓	0955	↓	↓	↓											
		15		0959														
		20		1007														
		25		1017														
↓	↓	30	↓	1020	↓	↓	↓											
CB-6	S	5	121107	1100	1	sleeve	X											
↓		10	↓	1250	↓	↓	↓											
		15		1258														
		20		1305														
		25		1310														
↓		30	↓	1336	↓	↓	↓											

Relinquished By	Company	Date / Time:	Relinquished To	Company	Date / Time :
[signature]	SAIC	11/8/12 1505	[signature]	TAI	11/8/12 15:05
Relinquished By	Company	Date / Time:	Relinquished To	Company	Date / Time :
Relinquished By	Company	Date / Time:	Relinquished To	Company	Date / Time :

Turnaround Time (TAT): Standard ☐ 24 Hours ☐ 48 Hours ☐ 72 Hours ☑ Other ☐

Sample Integrity: (Check by lab on arrival)
Custody Seals Intact: ____ On Ice: ✓ Temp.: 3.1°C

COC Revision 9/26/2011

440-29146

CHAIN OF CUSTODY FORM

Chevron Environmental Management Company ■ 145 S. State College Boulevard, Suite 400 ■ Brea, CA 92821

COC 2 of 2

Chevron Site Number: 9-8721
Chevron Site Global ID: T0600900904
Chevron Site Address: 9971 ADAMS AVE. HUNTINGTON BEACH, CA
Chevron PM: DARYL PESSLER
Chevron PM Phone No.: (714) 671-3277
☑ Marketing Business Unit (MBU) Job
☐ Construction/Retail Job
Charge Code: NWRTB 0098721 -0- LAB
NWRTB 00 SITE NUMBER -0- WBS

WBS ELEMENTS:
Site Assessment: **A1L** Remediation Implementation: **R5L**
Site Monitoring: **OML** Operation Maintenance & Monitoring: **M1L**

This is a LEGAL document. ALL fields must be filled out CORRECTLY and COMPLETELY.

Chevron Consultant: Science Applications Intl. Corp. (SAIC)
Address: 590 W. Central Ave, Suite I, Brea, CA 92821
Consultant Contact: STEVE TARGANIAN
Consultant Phone No.: (714) 257-6917
Consultant Project No.:
Sampling Company: SAIC
Sampled By (PRINT): RYAN TEOXON
Sampler Signature:

Lancaster Laboratories
Lancaster, PA
Lab Contact: Megan Moeller
Phone No.: (717)656-2300 Ext. 1246

Other Lab: Test America

Temp. Blank Check: Time / Temp.

ANALYSES REQUIRED

Preservation Codes
H = HCl **T** = Thiosulfate
N = HNO_3 **B** = NaOH
S = H_2SO_4 **O** = Other

Special Instructions
EDF REQ'D

SAMPLE ID: Field Point Name	Matrix	Top Depth	Date (yymmdd)	Sample Time	# of Containers	Container Type	EPA 8260B/GC/MS TPH-G ☑ BTEX ☑ MTBE ☑ OXYGENATES ☑ HVOCS ☑ NAPHTHALENE	EPA 8015B GRO ☐ DRO ☐ ORO ☐ HC SCREEN ☐	TO-3 [TPH-G ☐ BTEX ☐ MTBE ☐]	TO-15 [BTEX ☐ MTBE ☐ OXYGENATES ☐]	TTO - 624	EPA 6010 Ca, Fe, K, Mg, Mn, Na	EPA 6010/7000 TITLE 22 METALS ☐ TTLC ☐ STLC ☐	EPA 418.1 TRPH ☐ EPA 413.1 OIL & GREASE ☐			Notes / Comments
~~Waste~~ CB-7	S	5	121108	1151	1	sleeve	X										
↓	↓	10	↓	1206	↓	↓	↓										
		15		1223													
		20		1229													
		25		1258													
↓	↓	30	↓	1258	↓	↓	↓										

Relinquished By	Company	Date / Time:	Relinquished To	Company	Date / Time :
[signature]	SAIC	11/8/12 1505	[signature]	TAI	11/8/12 15:05
Relinquished By	Company	Date / Time:	Relinquished To	Company	Date / Time :
Relinquished By	Company	Date / Time:	Relinquished To	Company	Date / Time :

Turnaround Time (TAT): Standard ☐ 24 Hours ☐ 48 Hours ☐ 72 Hours ☒ Other ☐

Sample Integrity: (Check by lab on arrival)
Custody Seals Intact: ____ On Ice: ✓ Temp.: 3.1°C

COC Revision 9/26/2011

Login Sample Receipt Checklist

Client: Science Applications International Corp

Job Number: 440-29146-1

Login Number: 29146

List Source: TestAmerica Irvine

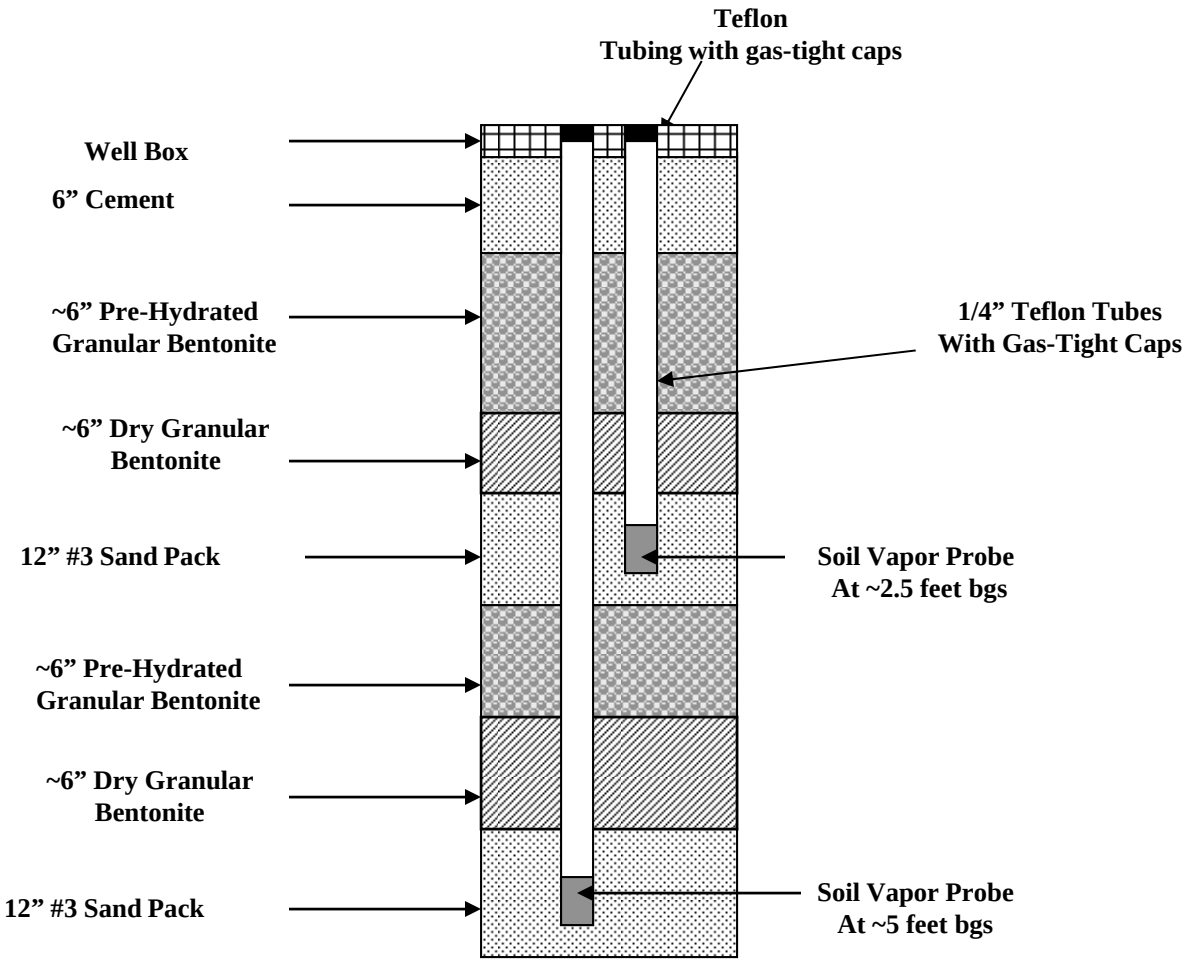
List Number: 1

Creator: Chavez, Elizabeth

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.	True	
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	Tyan Teoxon
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.	True	
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").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

ATTACHMENT F

MULTI-DEPTH SOIL-VAPOR PROBE CONTRUCTION DIAGRAM



NOT TO SCALE

SAIC®	**MULTI-DEPTH SOIL VAPOR PROBE CONSTRUCTION** CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY FORMER CHEVRON SERVICE STATION NO. 9-8721 9971 Adams Ave., Huntington Beach, California	**ATTACHMENT** **F**

ATTACHMENT A

OCHCA LETTER DATED AUGUST 24, 2012

ATTACHMENT B

CONFIRMATION SOIL BORINGS PERMIT

ATTACHMENT C

GEOPHYSICAL SURVEY REPORT

ATTACHMENT D

SOIL BORING LOGS

ATTACHMENT E

SOIL ANALYTICAL LABORATORY REPORT

ATTACHMENT F

MULTI-DEPTH SOIL-VAPOR PROBE CONTRUCTION DIAGRAM

STATE WATER RESOURCES CONTROL BOARD
GEOTRACKER

CHEVRON #9-8721 (T0605900904) - (MAP)

9971 ADAMS
HUNTINGTON BEACH, CA 92646
ORANGE COUNTY
LUST CLEANUP SITE

CLEANUP OVERSIGHT AGENCIES
ORANGE COUNTY LOP *(LEAD) - CASE #: 91UT079*
CASEWORKER: *TAMARA ESCOBEDO*
SANTA ANA RWQCB (REGION 8) *- CASE #: 083001145T*
CASEWORKER: *TOM E. MBEKE-EKANEM*

CUF Claim #:	15928
CUF Priority Assigned:	D
CUF Amount Paid:	

Regulatory Profile

PRINTABLE CASE SUMMARY

CLEANUP STATUS - DEFINITIONS
OPEN - REMEDIATION AS OF 8/19/2002 - CLEANUP STATUS HISTORY

POTENTIAL CONTAMINANTS OF CONCERN
GASOLINE

POTENTIAL MEDIA AFFECTED
AQUIFER USED FOR DRINKING WATER SUPPLY

FILE LOCATION
LOCAL AGENCY

BENEFICIAL USE
GW - MUNICIPAL AND DOMESTIC SUPPLY

GROUNDWATER MONITORING FREQUENCY
OF WELLS MONITORED - QUARTERLY : 7, SEMI-ANNUALLY : 4

REASONS FOR QUARTERLY OR MONTHLY OR OTHER GROUNDWATER MONITORING:
- Assessment Incomplete
- Well Being Sampled During Remedial Action for Progress Assessment

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.

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STATE WATER RESOURCES CONTROL BOARD
GEOTRACKER

CHEVRON #9-8721 (T0605966366) - (MAP)

9971 ADAMS
HUNTINGTON BEACH, CA 92646
ORANGE COUNTY
LUST CLEANUP SITE

CLEANUP OVERSIGHT AGENCIES
ORANGE COUNTY LOP *(LEAD) - CASE #: 84UT036*
CASEWORKER: *GENIECE HIGGINS*
SANTA ANA RWQCB (REGION 8)
CASEWORKER: *TOM E. MBEKE-EKANEM*

Regulatory Profile

PRINTABLE CASE SUMMARY

CLEANUP STATUS - DEFINITIONS
COMPLETED - CASE CLOSED AS OF 7/11/1984 - CLEANUP STATUS HISTORY

POTENTIAL CONTAMINANTS OF CONCERN
GASOLINE

POTENTIAL MEDIA AFFECTED
UNDER INVESTIGATION

FILE LOCATION
LOCAL AGENCY

BENEFICIAL USE
GW - MUNICIPAL AND DOMESTIC SUPPLY

Site History

No site history available

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STATE WATER RESOURCES CONTROL BOARD
GEOTRACKER

SOUTHLAND CORPORATION (T0605900923) - (MAP)

10001 ADAMS
HUNTINGTON BEACH, CA 92646
ORANGE COUNTY
LUST CLEANUP SITE

CLEANUP OVERSIGHT AGENCIES
ORANGE COUNTY LOP *(LEAD) - CASE #: 89UT046*
CASEWORKER: *GENIECE HIGGINS*
SANTA ANA RWQCB (REGION 8) *- CASE #: 083001169T*
CASEWORKER: *CARL BERNHARDT*
CUF Claim #: 7004
CUF Priority Assigned: D
CUF Amount Paid:

Regulatory Profile

PRINTABLE CASE SUMMARY

CLEANUP STATUS - DEFINITIONS
COMPLETED - CASE CLOSED AS OF 12/8/1997 - CLEANUP STATUS HISTORY

POTENTIAL CONTAMINANTS OF CONCERN
GASOLINE

POTENTIAL MEDIA AFFECTED
OTHER GROUNDWATER (USES OTHER THAN DRINKING WATER)

FILE LOCATION
LOCAL AGENCY

BENEFICIAL USE
GW - MUNICIPAL AND DOMESTIC SUPPLY

Site History

No site history available

Cleanup Action Report

ACTION TYPE	BEGIN DATE	END DATE	PHASE	CONTAMINANT MASS REMOVED	DESCRIPTION
FREE PRODUCT REMOVAL	1/23/1989	11/15/1996			
EXCAVATION	1/23/1989	11/15/1996			

Regulatory Activities

* Indicates a revised due date

ACTION TYPE	ACTION	ACTION DATE	RECEIVED / ISSUE DATE
LEAK ACTION	Leak Discovery	3/3/1989	
LEAK ACTION	Leak Reported	3/3/1989	
CLEANUP ACTION	Excavation	1/23/1989	
CLEANUP ACTION	Free Product Removal	1/23/1989	

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WAYNE PERRY, INC.
Environmental Remediation, Construction and Consulting

October 25, 2012

Orange County Health Care Agency
Environmental Health Division
1241 East Dyer Road
Santa Ana, California 92705-5611

Attention: Tamara Escobedo

SUBJECT: QUARTERLY GROUNDWATER MONITORING AND STATUS REPORT
THIRD QUARTER 2012
SHELL-BRANDED SERVICE STATION
20001 BROOKHURST STREET (at Adams Avenue)
HUNTINGTON BEACH, CALIFORNIA
AGENCY FILE: 89UT167
SAP CODE: 135372

Dear Ms. Escobedo:

Wayne Perry, Inc. (WPI), on behalf of Equilon Enterprises LLC dba Shell Oil Products US (Shell), is submitting this quarterly groundwater monitoring and status report. This report includes a summary of site activities, figures showing groundwater data, tables, sampling procedures, field data sheets and analytical reporting.

8281 Commonwealth Ave. Buena Park, California 90621 Phone (714) 826-0352 (800) 883-0352 Fax (714) 523-7880

SITE DESCRIPTION

The site is located at the southwest corner of the intersection of Adams Avenue and Brookhurst Street in Huntington Beach, California. There are three 12,000-gallon double-walled fiberglass gasoline underground storage tanks (USTs), one 550-gallon single-walled fiberglass waste-oil UST, four dispenser islands, and a station building with three service bays at the site. The surrounding land use is commercial.

WORK PERFORMED THIS QUARTER

Groundwater monitoring was conducted.

A groundwater monitoring report was prepared and submitted.

Site assessment was conducted.

A site assessment report was prepared and submitted.

Underground storage tanks, dispensers, and related piping were removed by the property owner.

A tank removal report was prepared by Partner Engineering and Science and submitted on behalf of the property owner.

Remedial excavation was conducted.

WORK TO BE PERFORMED

Groundwater monitoring will be conducted fourth quarter 2012.

A report detailing remedial excavation activities will be prepared and submitted.

A groundwater status and monitoring report will be prepared and submitted.

SITE CONDITIONS

Groundwater data indicate groundwater flow was primarily from a groundwater high at the east center portion of the site primarily toward the south southeast at an approximate gradient of 0.0041 foot/foot. Average groundwater elevation for the wells was approximately 5.48 feet relative to mean sea level.

Groundwater data indicate concentrations of benzene, MTBE, and TBA have generally decreased or been stable over time.

Evaluation of well condition indicates that in general the wells are secure, with intact well boxes with good seals and secured with locking caps.

This report has been prepared by WPI for the exclusive use of Shell, as it pertains to the subject site. Our professional services have been performed using that degree of care and skill ordinarily exercised under similar circumstances by other geologists, hydrogeologists, and engineers practicing in this field. No other warranty, express or implied, is made as to the professional advice in this report.

If you have any questions regarding this project, please contact Ms. Erica Rodriguez of WPI at (714) 826-0352 or Ms. Andrea Wing of Shell at (714) 731-1050.

Sincerely,
WAYNE PERRY, INC.

Michael Wielenga
California Professional Geologist 7900

PROFESSIONAL GEOLOGIST
MICHAEL WIELENGA
No. 7900
STATE OF CALIFORNIA

Attachments: Summary of Site Activities

Figure 1, Site Location Map
Figure 2, Plot Plan
Figure 3, Groundwater Elevation Map
Figure 4, Hydrocarbon Distribution Map
Figure 5, TPPH Concentration Map
Figure 6, Benzene Concentration Map
Figure 7, MTBE Concentration Map
Figure 8, TBA Concentration Map

Table 1, Current Groundwater Data
Table 2, Historical Groundwater Data
Table 3, Additional Groundwater Data

Graphs 1-18, Benzene, MTBE, and TBA and Groundwater Elevations versus Time

Appendix A, Sampling Procedure

Appendix B, Field Data Sheets, Laboratory Analytical Report with Chain-of-Custody Documentation

Appendix C, Site History

cc: Ms. Andrea Wing, Shell Oil Products US
Mr. Tarek Berri, Berri Brothers
Adhurst LLC
Mr. Andrew Brack, Frontier
Mr. Joe Morelli, Huntington Beach Fire Department

SUMMARY OF SITE ACTIVITIES
THIRD QUARTER 2012
SHELL-BRANDED SERVICE STATION
20001 Brookhurst Street, Huntington Beach

GROUNDWATER MONITORING

Date of Monitoring:	September 11, 2012
Monitoring Contractor:	Wayne Perry, Inc. 8281 Commonwealth Ave. Buena Park, California 90621
Contact:	Mr. Mario Milanes (714) 826-0532

GAUGING ACTIVITIES

Number of Wells Gauged:	24					
Groundwater	**Depth to Water**		**Groundwater Elevation**		**Separate Phase Hydrocarbons**	
	(ft)	**Well**	**(ft)**	**Well**	**(ft)**	**Well**
Minimum	4.92	MW-4C	3.31	MW-5B	ND	NA
Maximum	10.32	MW-5B	7.26	MW-4C	ND	NA
Average	7.47		5.48		**Wells w/ SPH:**	0

Direction of Groundwater Flow:	South Southeast
Groundwater Gradient: foot/foot	0.0041

GROUNDWATER SAMPLING

Number of Wells Sampled:	24					
Groundwater	**Benzene**		**MTBE**		**TBA**	
	Concentration	**Well**	**Concentration**	**Well**	**Concentration**	**Well**
Minimum Detection (ug/L)	63.3	MW-3	1.2	MW-5C	24.7	B-5RD
Maximum Detection (ug/L)	84900	DPE-2	24.9	VEW-2	462	MW-4B
Average Detection (ug/L)	13138		4		187	
Number of Wells >= MCL	10		1		7	

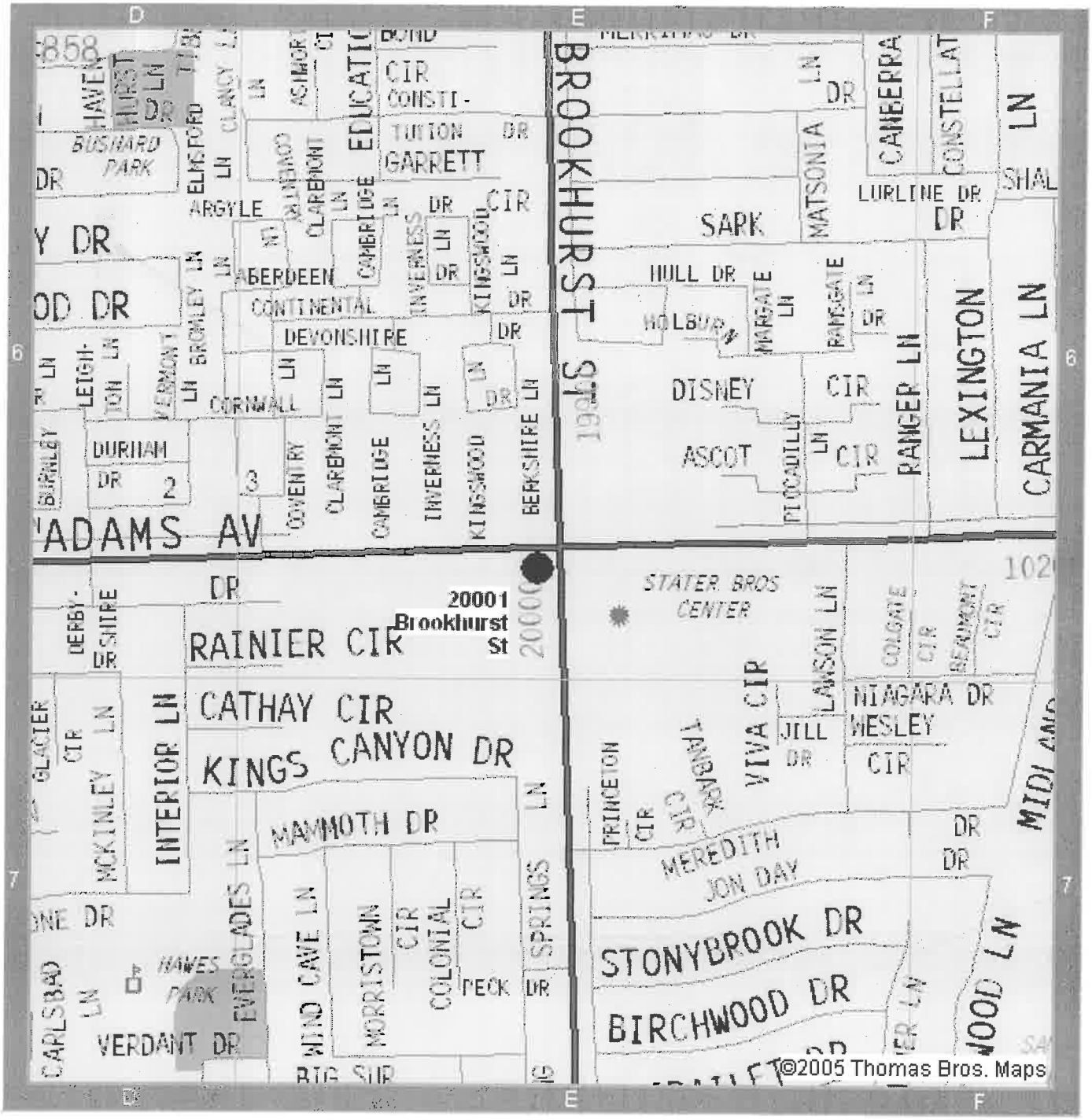
REMEDIATION ACTIVITIES

Manual SPH Recovery	None	**Dates of Operation**			
Gallons of SPH Recovered During Quarter					
Gallons of SPH Recovered to Date					

Groundwater Treatment System	Historic	**Dates of Past Operation**			
HC Recovered During Quarter (gal)					
HC Recovered to Date (gal)	1.71	10/2/2001	7/21/2010		
Gallons of GW Treated during Quarter					
Gallons of GW Treated to date	2,752,478	10/2/2001	7/21/2010		

Vapor Extraction System	Historic	**Dates of Past Operation**		**Total Hours of Operation**	**Pounds/Hour**
	Pounds	**From**	**To**		
HC Recovered during Quarter					
HC Recovered to Date	29,410	5/7/2002	8/9/2004	15,720	

FIGURES



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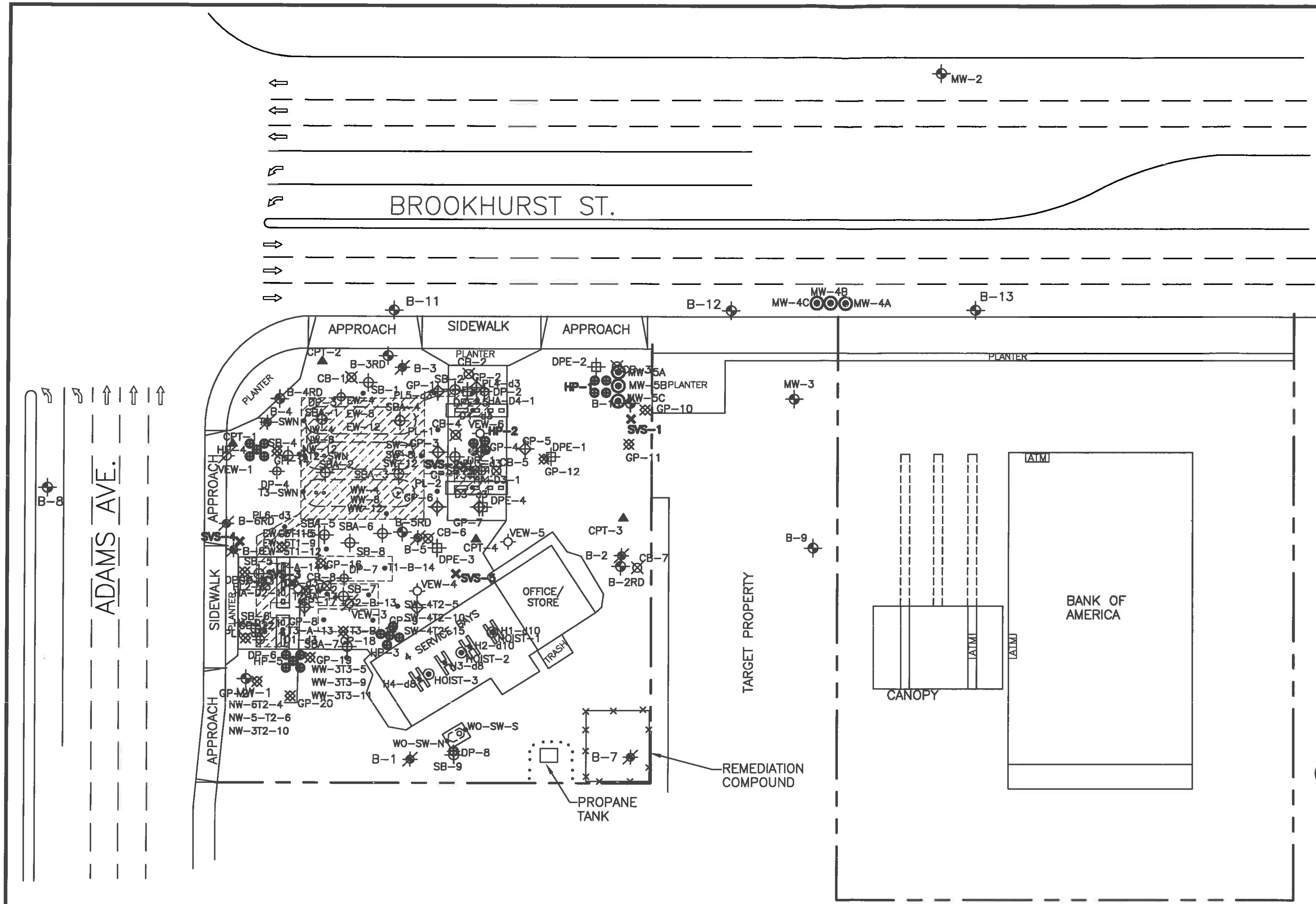
NOT TO SCALE

NORTH

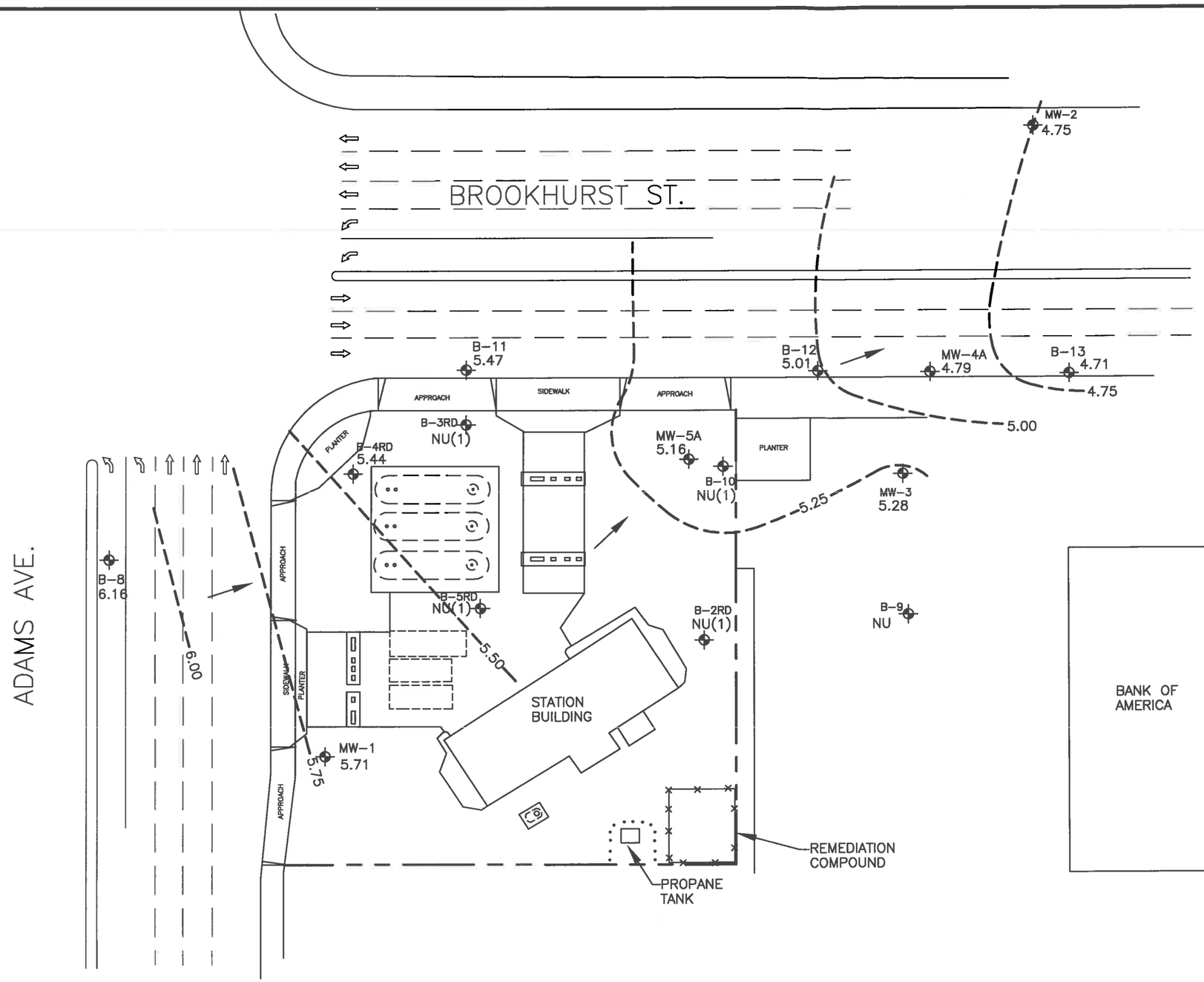
WaynePerry CONSULTING · CONSTRUCTION SINCE 1968 ENGINEERING · MAINTENANCE	DATE	SITE LOCATION MAP	FIGURE NO. 1
	REVISED	SHELL–BRANDED SERVICE STATION 20001 BROOKHURST ST./ADAMS AVE. HUNTINGTON BEACH, CA	
	CAD FILE 09653LM		PROJECT NO. 11.236



LEGEND

- B-1 GROUNDWATER MONITORING WELL
- VEW-4 VAPOR EXTRACTION WELL
- DPE-3 DUAL-PHASE EXTRACTION WELL
- DP-8 SOIL BORING
- SBA-6 SOIL BORING
- CPT-4 CONE PENETROMETER TEST BORING
- GP-1 GEOPROBE BORING
- B-6 DESTROYED/ABANDONED GROUNDWATER MONITORING WELL
- VEW-3 DESTROYED/ABANDONED EXTRACTION WELL
- HOIST-3 HAND AUGER BORING
- HA-D4-1 SOIL SAMPLE
- CB-1 CONFIRMATION SOIL BORING
- SOIL VAPOR SAMPLE
- DEPTH DISCRETE GROUNDWATER SAMPLE
- GEOPROBE SOIL BORING
- DEPTH DISCRETE GROUNDWATER WELL
- DEPTH DISCRETE HYDROPUNCH SOIL BORING
- HOIST
- 12,000-GALLON UNDERGROUND STORAGE TANK
- 550-GALLON WASTE-OIL TANK
- DISPENSER ISLAND
- FORMER UNDERGROUND STORAGE TANK
- UNDERGROUND STORAGE TANK EXCAVATION /TRENCHING

WaynePerry — CONSULTING - CONSTRUCTION — SINCE 1968 — ENGINEERING - MAINTENANCE	DATE DRAWN	PLOT PLAN	FIGURE NO. 2
	REV. DATE		
	CAD FILE 11236PP	SHELL-BRANDED SERVICE STATION 20001 BROOKHURST ST./ADAMS AVE. HUNTINGTON BEACH, CA	PROJECT NO. 11.236



LEGEND

GROUNDWATER MONITORING WELL SHOWING GROUNDWATER ELEVATION IN FEET RELATIVE TO MEAN SEA LEVEL

GROUNDWATER ELEVATION CONTOUR

DIRECTION OF GROUNDWATER FLOW

CONTOUR INTERVAL = 0.25 FOOT

NOTES:

NG – NOT GAUGED

NG(1) – NOT GAUGED, WELL INACCESSIBLE

NU – NOT USED FOR CONTOURING, DATA ANOMALOUS

NU(1) – NOT USED, FORMER REMEDIATION WELL

12,000-GALLON UNDERGROUND STORAGE TANK

550-GALLON WASTE-OIL TANK

DISPENSER ISLAND

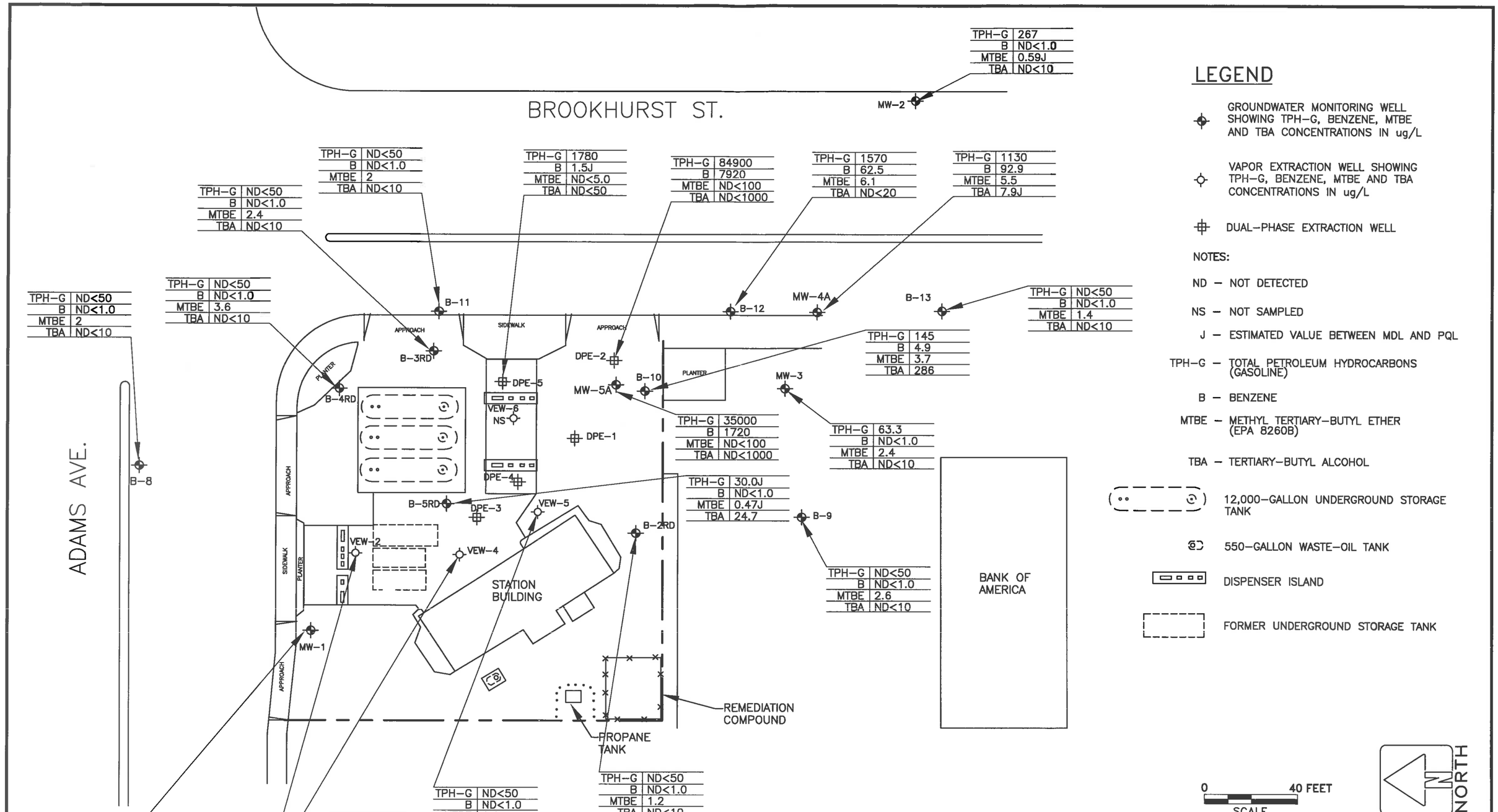
FORMER UNDERGROUND STORAGE TANK

0 40 FEET
SCALE

NORTH

WaynePerry CONSULTING · CONSTRUCTION · ENGINEERING · MAINTENANCE SINCE 1968

DATE DRAWN	GROUNDWATER ELEVATION MAP SEPTEMBER 11, 2012	FIGURE NO.	3
REV. DATE	SHELL-BRANDED SERVICE STATION 20001 BROOKHURST ST./ADAMS AVE. HUNTINGTON BEACH, CA		
CAD FILE 06227GW		PROJECT NO.	11.236



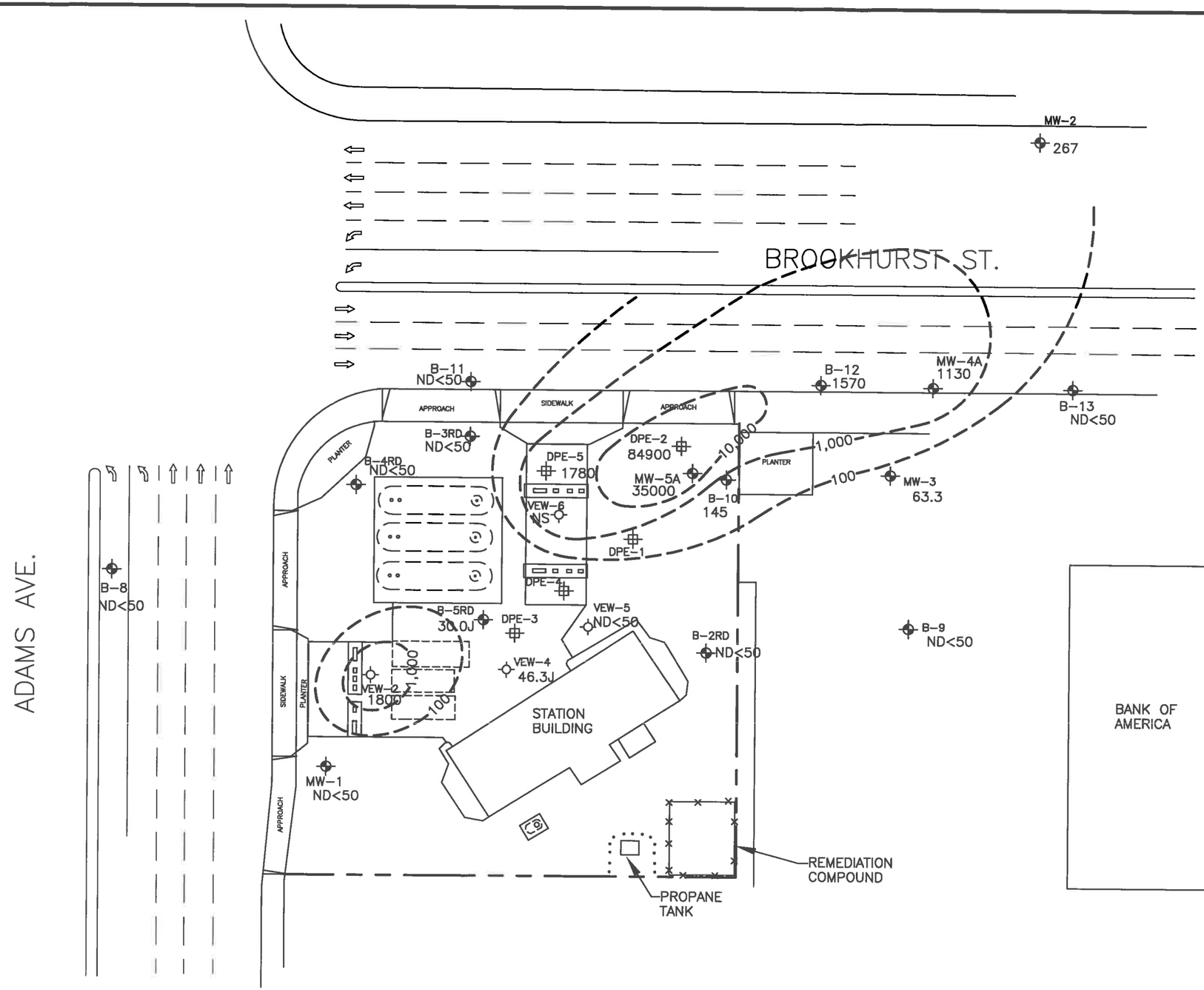
DATE DRAWN	
REV. DATE	
CAD FILE	06227HC

HYDROCARBON DISTRIBUTION MAP
SEPTEMBER 11, 2012

SHELL SERVICE STATION
20001 BROOKHURST ST./ADAMS AVE.
HUNTINGTON BEACH, CA

FIGURE NO. 4

PROJECT NO. 11.236



LEGEND

- GROUNDWATER MONITORING WELL SHOWING TPH-G CONCENTRATION IN ug/L
- VAPOR EXTRACTION WELL SHOWING TPH-G CONCENTRATION IN ug/L
- DUAL-PHASE EXTRACTION WELL
- LINE OF EQUAL TPH-G CONCENTRATION

NOTES:

ND – NOT DETECTED

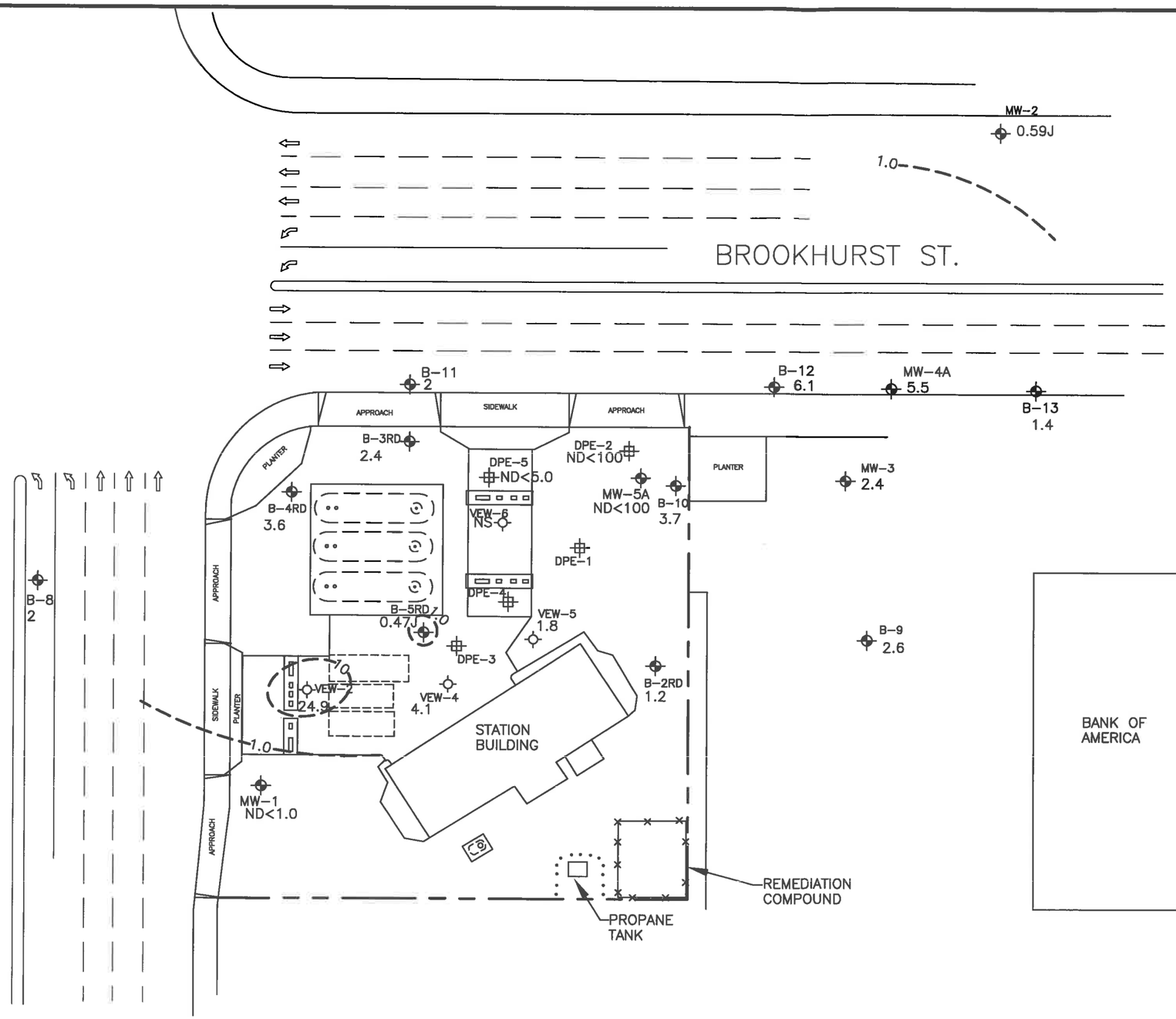
NS – NOT SAMPLED

- 12,000-GALLON UNDERGROUND STORAGE TANK
- 550-GALLON WASTE-OIL TANK
- DISPENSER ISLAND
- FORMER UNDERGROUND STORAGE TANK

0 40 FEET
SCALE

NORTH

WaynePerry CONSULTING · CONSTRUCTION · ENGINEERING · MAINTENANCE SINCE 1968	DATE DRAWN	TPH-G CONCENTRATION MAP SEPTEMBER 11, 2012	FIGURE NO. 5
	REV. DATE	SHELL-BRANDED SERVICE STATION 20001 BROOKHURST ST./ADAMS AVE. HUNTINGTON BEACH, CA	
	CAD FILE 06227TPH		PROJECT NO. 11.236



LEGEND

- GROUNDWATER MONITORING WELL SHOWING MTBE CONCENTRATION IN ug/L
- VAPOR EXTRACTION WELL SHOWING MTBE CONCENTRATION IN ug/L
- DUAL-PHASE EXTRACTION WELL
- LINE OF EQUAL MTBE CONCENTRATION

NOTES:

ND – NOT DETECTED

NS – NOT SAMPLED

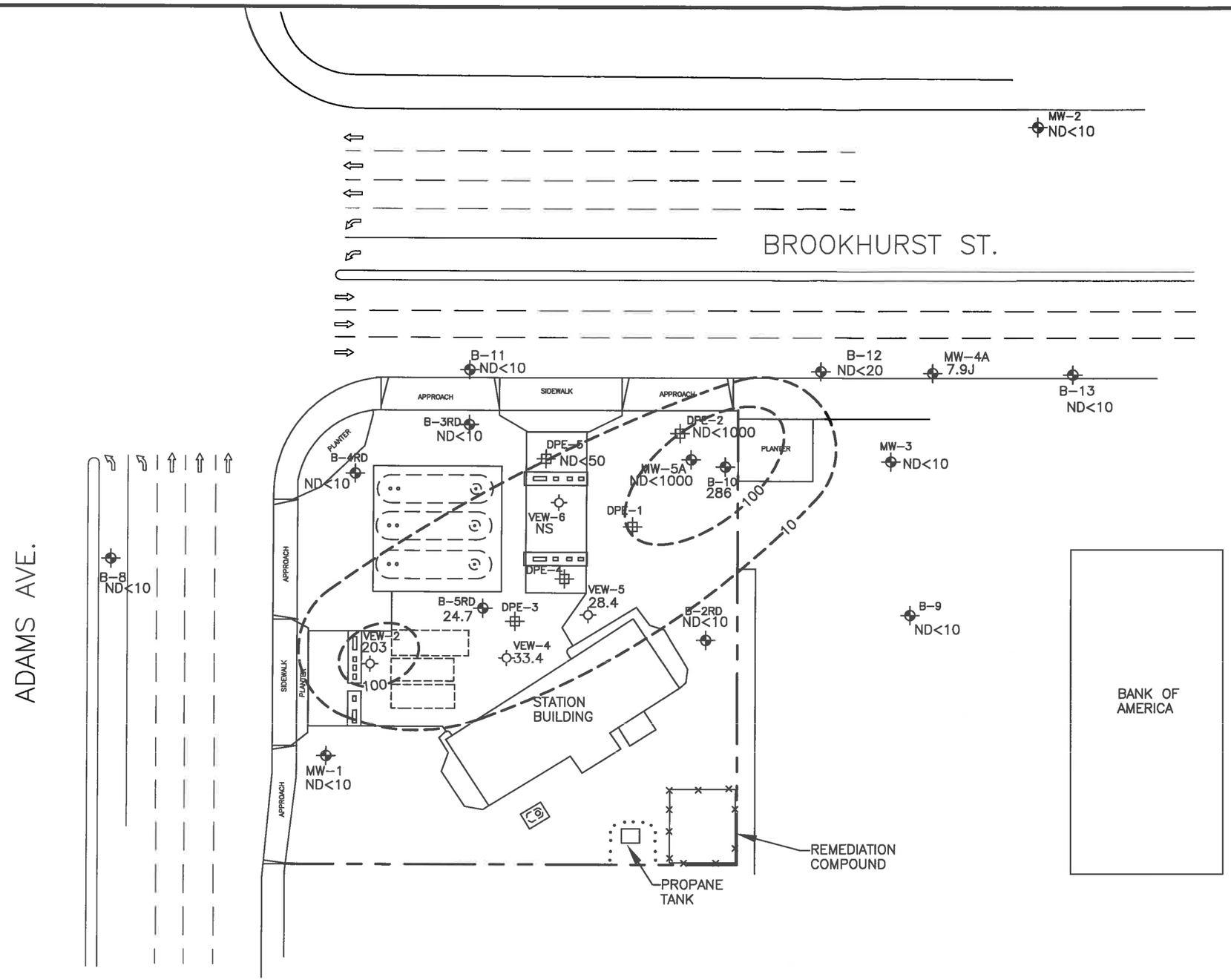
J – ESTIMATED VALUE BETWEEN MDL AND PQL

- 12,000-GALLON UNDERGROUND STORAGE TANK
- 550-GALLON WASTE-OIL TANK
- DISPENSER ISLAND
- FORMER UNDERGROUND STORAGE TANK

0 40 FEET
SCALE

NORTH

WaynePerry CONSULTING · CONSTRUCTION ENGINEERING · MAINTENANCE SINCE 1968	DATE DRAWN	MTBE CONCENTRATION MAP SEPTEMBER 11, 2012	FIGURE NO. 7
	REV. DATE	SHELL-BRANDED SERVICE STATION 20001 BROOKHURST ST./ADAMS AVE. HUNTINGTON BEACH, CA	
	CAD FILE 06227MTB		PROJECT NO. 11.236



LEGEND

- GROUNDWATER MONITORING WELL SHOWING TBA CONCENTRATION IN ug/L
- VAPOR EXTRACTION WELL SHOWING TBA CONCENTRATION IN ug/L
- DUAL-PHASE EXTRACTION WELL
- LINE OF EQUAL TBA CONCENTRATION

NOTES:

ND – NOT DETECTED

NS – NOT SAMPLED

J – ESTIMATED VALUE BETWEEN MDL AND PQL

- 12,000-GALLON UNDERGROUND STORAGE TANK
- 550-GALLON WASTE-OIL TANK
- DISPENSER ISLAND
- FORMER UNDERGROUND STORAGE TANK

0 40 FEET
SCALE

NORTH

WaynePerry CONSULTING · CONSTRUCTION · ENGINEERING · MAINTENANCE SINCE 1988	DATE DRAWN	TBA CONCENTRATION MAP MARCH 5, 2012	FIGURE NO. 8
	REV. DATE	SHELL SERVICE STATION 20001 BROOKHURST ST./ADAMS AVE. HUNTINGTON BEACH, CA	
	CAD FILE 06227TBA		PROJECT NO. 11.236

TABLES

TABLE 1
CURRENT GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
20001 Brookhurst Street, Huntington Beach

WELL	DATE GAUGED	DATE SAMPLED	DEPTH TO GW (feet)	SPH THICKN. (feet)	GW ELEV. (feet relative to MSL)	WELL DEPTH (feet)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL BENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	COMMENTS
MW-4A	07/03/12		6.79	0.00	5.25	13.42											Well Development
MW-4B	07/03/12		7.16	0.00	5.13	22.03											Well Development
MW-4C	07/03/12		6.30	0.00	5.88	29.32											Well Development
MW-5A	07/03/12		10.48	0.00	3.00	11.30											Well Development
MW-5B	07/03/12		8.95	0.00	4.68	19.20											Well Development
MW-5C	07/03/12		7.38	0.00	6.34	26.35											Well Development
MW-4A	07/06/12	07/06/12	6.83	0.00	5.21	14.70	1080	72.8	1.1 J	35.4	3.5 J	10.5	31.5	14.1	ND<4.0	ND<4.0	
MW-4B	07/06/12	07/06/12	7.31	0.00	4.98	24.56	ND<100	1.4 J	ND<2.0	ND<2.0	ND<4.0	6.1	606	4.5	ND<4.0	ND<4.0	
MW-4C	07/06/12	07/06/12	5.43	0.00	6.75	34.62	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
MW-5A	07/06/12	07/06/12	7.85	0.00	5.63	14.31	42100	2250	6320	1040	6450	ND<100	ND<1000	ND<200	ND<200	ND<200	
MW-5B	07/06/12	07/06/12	8.04	0.00	5.59	24.42	14200	181	1110	609	3040	7.4 J	272	ND<40	ND<40	ND<40	
MW-5C	07/06/12	07/06/12	7.83	0.00	5.89	32.87	28.3 J	0.21 J	0.72 J	0.52 J	2.7	1.3	5.9 J	ND<2.0	ND<2.0	ND<2.0	
MW-1	09/11/12	09/11/12	7.92	0.00	5.71	20.15	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<1.0	ND<10	0.45J	ND<2.0	ND<2.0	
MW-2	09/11/12	09/11/12	7.56	0.00	4.75	19.74	267	ND<1.0	ND<1.0	ND<1.0	ND<2.0	0.59J	ND<10	ND<2.0	ND<2.0	ND<2.0	
MW-3	09/11/12	09/11/12	7.28	0.00	5.28	17.93	63.3	ND<1.0	ND<1.0	ND<1.0	ND<2.0	2.4	ND<10	5.3	ND<2.0	ND<2.0	
MW-4A	09/11/12	09/11/12	7.25	0.00	4.79	14.71	1130	92.9	0.96J	58.7	3.2J	5.5	7.9J	10.3	ND<4.0	ND<4.0	
MW-4B	09/11/12	09/11/12	7.60	0.00	4.69	24.59	ND<100	0.71J	ND<2.0	ND<2.0	ND<4.0	5.4	462	4.1	ND<4.0	ND<4.0	
MW-4C	09/11/12	09/11/12	4.92	0.00	7.26	34.50	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
MW-5A	09/11/12	09/11/12	8.32	0.00	5.16	14.32	35000	1720	3640	980	4890	ND<100	ND<1000	ND<200	ND<200	ND<200	
MW-5B	09/11/12	09/11/12	10.32	0.00	3.31	24.43	4720	96.4	6.3J	446	682	6.8J	273	ND<40	ND<40	ND<40	
MW-5C	09/11/12	09/11/12	8.05	0.00	5.67	32.64	ND<50	ND<1.0	0.21J	0.39J	0.75J	1.2	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-2RD	09/11/12	09/11/12	7.96	0.00	5.36	20.95	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0	1.2	ND<10	0.90J	ND<2.0	ND<2.0	
B-3RD	09/11/12	09/11/12	6.29	0.00	6.76	15.36	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0	2.4	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-4RD	09/11/12	09/11/12	7.74	0.00	5.44	21.49	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0	3.6	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-5RD	09/11/12	09/11/12	8.32	0.00	5.61	20.64	30.0J	ND<1.0	ND<1.0	ND<1.0	ND<2.0	0.47J	24.7	0.24J	ND<2.0	ND<2.0	
B-8	09/11/12	09/11/12	6.55	0.00	6.16	31.81	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0	2	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-9	09/11/12	09/11/12	6.64	0.00	5.99	31.75	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0	2.6	ND<10	1.4J	ND<2.0	ND<2.0	
B-10	09/11/12	09/11/12	6.98	0.00	5.18	19.49	145	4.9	ND<1.0	ND<1.0	ND<2.0	3.7	286	5.7	ND<2.0	ND<2.0	
B-11	09/11/12	09/11/12	6.98	0.00	5.47	20.37	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0	2	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-12	09/11/12	09/11/12	7.32	0.00	5.01	19.99	1570	62.5	8	23.2	31.2	6.1	ND<20	25.2	ND<4.0	ND<4.0	
B-13	09/11/12	09/11/12	7.53	0.00	4.71	19.51	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0	1.4	ND<10	ND<2.0	ND<2.0	ND<2.0	
VEW-2	09/11/12	09/11/12	7.20	0.00	6.19	10.59	1800	24.7	2.5J	5.8	3.1	24.9	203	4.8J	ND<10	ND<10	
VEW-4	09/11/12	09/11/12	8.06	0.00	6.29	19.97	46.3J	1.1	ND<1.0	ND<1.0	ND<2.0	4.1	33.4	2.3	ND<2.0	ND<2.0	
VEW-5	09/11/12	09/11/12	8.22	0.00	5.82	20.73	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0	1.8	28.4	2.6	ND<2.0	ND<2.0	
DPE-2	09/11/12	09/11/12	7.12	0.00		15.47	84900	7920	7990	2480	11200	ND<100	ND<1000	25.0J	ND<200	ND<200	
DPE-5	09/11/12	09/11/12	7.18	0.00		16.88	1780	1.5J	ND<5.0	1.9J	ND<10	ND<5.0	ND<50	ND<10	ND<10	ND<10	

Notes:
1. ND - Not detected
2. TBA - Tertiary-butyl alcohol
3. DIPE - Diisopropyl ether
4. ETBE - Ethyl tertiary-butyl ether
5. TAME - Tertiary-amyl methyl ether
6. TPH-G - analyzed by testing method 8015M, TPPH 8260B, or TPH-Gro 8260B with a carbon range of C6-C10

TABLE 2
HISTORICAL GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
20001 Brookhurst Street, Huntington Beach

WELL	DATE GAUGED	DATE SAMPLED	DEPTH TO GW (feet)	SPH THICKN. (feet)	GW ELEV. (relative to MSL)	WELL DEPTH (feet)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL-BENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE 8020/8021 (ug/L)	MTBE 8260 (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	COMMENTS
B-1					**Top of casing elevation (ft): 12.00**					**Screen Interval: 5 to 35**								
B-1	04/24/92		9.25	0.00	2.75	35.40	ND<500	ND	ND	ND	ND							
B-1	06/30/92		10.42	0.00	1.58	35.48	ND<500	ND	ND	ND	ND							
B-1	09/16/92		11.74	0.00	0.26	35.02	ND<500	ND	ND	ND	ND							
B-1	01/12/93		10.92	0.00	1.08	35.40	ND<500	ND	ND	ND	ND							
B-1	03/22/93		8.84	0.00	3.16	35.55	ND<500	ND	ND	ND	ND							
B-1	05/03/93		8.73	0.00	3.27	34.77	ND<500	ND	ND	ND	ND							
B-1	07/21/93		9.85	0.00	2.15	35.26	ND<500	ND	3.2	4.1	8.3							
B-1	10/25/93		11.34	0.00	0.66	35.28	ND<500	ND	ND	ND	ND							
B-1	12/03/93		10.93	0.00	1.07	35.24												
B-1	02/02/94		10.05	0.00	1.95	35.13												
B-1	02/12/94		9.91	0.00	2.09	34.98												
B-1	02/19/94		9.67	0.00	2.33	34.04												
B-1	02/26/94		9.32	0.00	2.68	35.07	ND<500	2.8	21.9	4.1	22.3							
B-1	03/10/94		9.08	0.00	2.92	35.03												
B-1	04/27/94		8.70	0.00	3.30	35.00	ND<500	1.4	3.2	0.9	5.3							
B-1	07/27/94		9.92	0.00	2.08	34.85	ND<500	ND	ND	ND	ND							
B-1	08/17/94		10.21	0.00	1.79	34.69												
B-1	12/19/94		10.09	0.00	1.91	34.58	ND<500	ND	ND	ND	ND							
B-1	02/15/95		8.40	0.00	3.60	34.46	ND<500	ND	ND	ND	ND							
B-1	04/13/95		8.33	0.00	3.67	33.91	ND<500	ND	ND	ND	ND							
B-1	07/13/95		9.61	0.00	2.39	33.82	ND<500	0.4	1.3	0.5	1.9							
B-1	10/10/95		11.15	0.00	0.85	33.51	ND<500	ND	ND	ND	ND							
B-1	01/24/96		11.15	0.00	0.85	32.94	ND<500	3.4	14.8	5.6	30.7							
B-1	04/22/96		9.01	0.00	2.99	32.79	ND<500	ND	ND	ND	ND	ND						
B-1	07/25/96		10.57	0.00	1.43	32.45	ND<500	ND	ND	ND	ND	ND						
B-1	02/17/97		8.99	0.00	3.01	32.36												
B-1	05/15/97		9.78	0.00	2.22	32.41												
B-1	09/11/97		11.92	0.00	0.08	32.40	ND<500	ND	0.5	ND	0.5	ND						
B-1	12/05/97		12.10	0.00	-0.10	32.55												
B-1	02/27/98		9.27	0.00	2.73	32.48	ND<500	ND	ND	ND	ND	ND						
B-1	04/08/98		9.64	0.00	2.36	32.46												
B-1	08/17/98		11.39	0.00	0.61	32.32	ND<500	1.6	ND	ND	7.8	ND						
B-1	10/20/98		11.94	0.00	0.06	32.37												Not sampled
B-1	01/08/99		10.90	0.00	1.10	32.36												Not sampled
B-1	04/01/99		10.39	0.00	1.61	32.33												Not sampled
B-1					**Top of casing elevation (ft): 14.18**													
B-1	07/02/99		10.45	0.00	3.73	32.32												Not sampled
B-1	10/22/99		12.32	0.00	1.86	32.35												Not sampled
B-1	02/03/00		11.19	0.00	2.99	32.19												Not sampled
B-1	04/25/00		9.40	0.00	4.78	31.92	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<5.0						
B-1	07/24/00		12.38	0.00	1.80	32.25	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<5.0						
B-1	10/24/00		13.22	0.00	0.96	32.29												Not sampled
B-1	02/09/01		11.25	0.00	2.93	32.37												
B-1	03/06/01		9.64	0.00	4.54	32.35	ND<500	ND<0.50	ND<1.0	ND<1.0	ND<2.0		ND<1.0	ND<50	ND<2.0	ND<2.0	ND<2.0	
B-1	06/29/01																	Well covered with asphalt
B-1	09/07/01																	Well abandoned
B-2					**Top of casing elevation (ft): 11.88**					**Screen Interval: 5 to 35**								
B-2	04/24/92		9.89	0.01	1.99	34.90												
B-2	05/19/92		10.08	0.00	1.80	34.14	ND<500	7	7	ND	40							
B-2	06/30/92		11.01	0.00	0.87	35.08	1600	100	200	100	300							

TABLE 2
HISTORICAL GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
20001 Brookhurst Street, Huntington Beach

WELL	DATE GAUGED	DATE SAMPLED	DEPTH TO GW (feet)	SPH THICKN. (feet)	GW ELEV. (relative to MSL)	WELL DEPTH (feet)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL-BENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE 8020/8021 (ug/L)	MTBE 8260 (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	COMMENTS
B-2	09/16/92		11.88	0.00	0.00	35.05	1200	62.6	56.7	32.1	71.6							
B-2	01/12/93		11.18	0.00	0.70	36.91	700	101.2	14.1	ND	101.3							
B-2	03/22/93		8.65	0.00	3.23	35.05	8900	633.7	1168.7	ND	1976.6							
B-2	05/03/93		8.89	0.00	2.99	35.04	6800	471.2	1614.2	118.6	1784.1							
B-2	07/21/93		9.82	0.00	2.06	34.91	2600	156	328	238	746							
B-2RD					**Top of casing elevation (ft): n/a.**					**Screen Interval: 7 to 22**								
B-2RD	10/25/93		10.61	0.00		21.78	3100	35	208.9	92.5	495.8							
B-2RD	12/03/93		10.68	0.00		21.77												
B-2RD	02/02/94		10.42	0.00		21.77												
B-2RD	02/12/94		10.28	0.00		21.75												
B-2RD	02/19/94		9.96	0.00		21.74												
B-2RD	02/26/94		9.73	0.00		21.79	2700	136	250.9	213.7	581.5							
B-2RD	03/10/94		9.57	0.00		21.79												
B-2RD	04/27/94		9.11	0.00		21.77	3500	154	176.3	268.6	441.4							
B-2RD	07/27/94		9.74	0.00		21.76	5200	224.6	291.6	406.2	659.1							
B-2RD	08/17/94		9.97	0.00		21.80												
B-2RD	12/19/94		10.36	0.00		21.82	ND<500	4.4	6.2	43.2	28.6							
B-2RD					**Top of casing elevation (ft): 11.91**													
B-2RD	02/15/95		8.27	0.00	3.64	21.82	9600	260.1	679.6	732.6	1414.7							
B-2RD	04/13/95		8.00	0.00	3.91	21.79	6400	708.3	663.5	929.6	1392.9							
B-2RD	07/13/95		8.23	0.00	3.68	21.10	5300	139.8	311.3	358.5	564.1							
B-2RD	10/10/95		9.25	0.00	2.66	21.06	5200	115.1	301.4	367.1	584.5							
B-2RD	01/24/96		9.02	0.00	2.89	21.00	6200	163.7	397.9	527.3	861.5							
B-2RD	04/22/96		7.81	0.00	4.10	21.05	8600	210	370	740	1000	140						
B-2RD	07/25/96		6.56	0.00	5.35	21.00	6100	100	220	470	650	ND<10						
B-2RD	02/17/97		7.56	0.00	4.35	21.03	9000	140	350	530	750	50						
B-2RD	05/15/97		8.51	0.00	3.40	21.09	4200	71	130	380	450	10						
B-2RD					**Top of casing elevation (ft): 11.17**													
B-2RD	09/11/97		9.66	0.00	1.51	21.10	4800	48	3.8	ND	4.3	ND						
B-2RD	12/05/97		10.09	0.00	1.08	21.06	1100	17	46	65	10	30						
B-2RD	02/27/98		6.81	0.00	4.36	21.05												
B-2RD	04/08/98		7.17	0.00	4.00	21.07	4100	69	160	340	540	60						
B-2RD	08/17/98		8.77	0.00	2.40	21.03	ND<500	340	700	2300	4300	130						
B-2RD	10/20/98		9.32	0.00	1.85	21.02	3500	160	120	300	890	150						
B-2RD	01/08/99		9.35	0.00	1.82	21.03	3000	28	44	150	520	140						
B-2RD	04/01/99		9.08	0.00	2.09	21.07	4000	79	76	190	290	320						
B-2RD					**Top of casing elevation (ft): 13.32**													
B-2RD	07/02/99		8.97	0.00	4.35	21.03	1700	40	20	210	200	130						No purge sample
B-2RD	10/22/99		9.88	0.00	3.44	21.06	5300	70	68	360	600	160						No purge sample
B-2RD	02/03/00		9.91	0.00	3.41	20.90	2500	26	12	140	160	96						No purge sample
B-2RD	04/25/00		8.64	0.00	4.68	20.61	3200	34	25	220	340	94						
B-2RD	07/24/00		9.54	0.00	3.78	21.08	4500	55	53	400	720	78						
B-2RD	10/24/00		9.90	0.00	3.42	21.00	13000	240	120	630	960	1100						
B-2RD	11/28/00		9.83	0.00	3.49	21.01							66	ND<500	280	ND<20	ND<20	
B-2RD	02/09/01		8.88	0.00	4.44	21.08	11000	210	150	1000	1750		29	ND<500	140	ND<20	ND<20	
B-2RD	03/06/01		7.28	0.00	6.04	21.04												
B-2RD	06/29/01		8.30	0.00	5.02	21.05	14000	220	140	1700	2370		ND<10	ND<500	71	ND<20	ND<20	
B-2RD	09/07/01		8.84	0.00	4.48	20.98	12000	190	68	890	960		25	ND<100	77	ND<10	ND<10	
B-2RD	12/10/01		9.81	0.00	3.51	20.98	1400	11	3	150	74		40	ND<500	27	ND<10	ND<10	
B-2RD	02/06/02		10.42	0.00	2.90	20.92	290	2	ND<1.0	4	3		14	ND<50	10	ND<10	ND<10	
B-2RD	05/16/02		10.08	0.00	3.24	20.95	5800	1300	430	100	520		1100	22000	93	ND<10	ND<10	Sampled from port

TABLE 2
HISTORICAL GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
20001 Brookhurst Street, Huntington Beach

WELL	DATE GAUGED	DATE SAMPLED	DEPTH TO GW (feet)	SPH THICKN. (feet)	GW ELEV. (relative to MSL)	WELL DEPTH (feet)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL-BENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE 8020/8021 (ug/L)	MTBE 8260 (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	COMMENTS
B-2RD	08/02/02		9.52	0.00	3.80	20.95	870	14	2	170	57		6	ND<50	ND<10	ND<10	ND<10	
B-2RD	11/07/02		9.90	0.00	3.42	21.14	790	2.0	2.1	30	9.7		8.0	ND<10	6.4	ND<2.0	ND<2.0	
B-2RD	02/04/03		9.79	0.00	3.53	21.14	2400	4.2	6.2	400	127		9.8	ND<10	7.0	ND<2.0	ND<2.0	
B-2RD	05/07/03		8.11	0.00	5.21	21.14	2200	ND<2.5	ND<5.0	480	81		ND<5.0	ND<50	ND<10	ND<10	ND<10	
B-2RD	08/08/03		10.22	0.00	3.10	21.14	250	ND<1.0	ND<2.0	2.5	ND<2.0		140.0	ND<20	ND<4.0	ND<4.0	ND<4.0	
B-2RD	11/07/03		9.54	0.00	3.78	20.90	480	ND<0.50	ND<1.0	30	1.3		25	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-2RD	02/06/04		9.54	0.00	3.78	20.90	330	ND<0.50	ND<1.0	59	1.5		3.3	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-2RD	05/04/04		8.80	0.00	4.52	20.85	680	ND<0.50	ND<1.0	71	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-2RD	08/05/04		9.04	0.00	4.28	20.85	950	ND<0.50	1.5	90	5.4		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-2RD	11/18/04		8.15	0.00	5.17	20.89	940	ND<0.50	ND<1.0	40	1.5		7.4	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-2RD	02/04/05		7.10	0.00	6.22	20.85	1700	ND<0.50	ND<1.0	26	ND<1.0		5.6	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-2RD	05/12/05		7.27	0.00	6.05	20.83	1000	ND<0.50	ND<1.0	12	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-2RD	08/05/05		8.15	0.00	5.17	20.86	1000	ND<0.5	ND<1.0	11	ND<1.0		3.2	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-2RD	11/23/05		7.83	0.00	5.49	20.90	590	ND<0.50	ND<2.0	3.9	ND<4.0		13.0	ND<25	ND<5.0	ND<5.0	ND<5.0	
B-2RD	02/09/06		7.53	0.00	5.79	20.93	782	ND<0.50	ND<0.50	2.52	ND<0.50		6.93	ND<10	0.74	ND<0.50	ND<0.50	
B-2RD	05/09/06		7.33	0.00	5.99	20.80	1300	ND<0.50	ND<0.50	8.4	ND<1.0		8.80	ND<10	ND<1.0	ND<1.0	ND<1.0	
B-2RD	08/24/06		7.76	0.00	5.56	20.82	640	ND<0.50	ND<1.0	6	ND<1.0		18	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-2RD	11/17/06		8.49	0.00	4.83	20.77	420	ND<0.50	ND<0.50	1.3	ND<1.0		12	ND<10	ND<1.0	ND<1.0	ND<1.0	
B-2RD	03/02/07		8.60	0.00	4.72	20.71	420	ND<0.50	ND<0.50	0.88	ND<1.0		8.0	ND<10	ND<1.0	ND<1.0	ND<1.0	
B-2RD	06/05/07		8.47	0.00	4.85	20.78	320	ND<0.50	ND<0.50	1.6	ND<1.0		4.6	ND<10	ND<1.0	ND<1.0	ND<1.0	
B-2RD	09/10/07		8.80	0.00	4.52	20.72	570	ND<0.50	ND<0.50	2.2	ND<1.0		2.6	ND<10	ND<1.0	ND<1.0	ND<1.0	
B-2RD	10/29/07		8.53	0.00	4.79	20.81	630	ND<0.50	ND<0.50	ND<0.50	ND<1.0		2.3	ND<10	ND<1.0	ND<1.0	ND<1.0	
B-2RD	03/25/08		8.54	0.00	4.78	20.78	620	ND<0.50	ND<1.0	3.2	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-2RD	06/23/08		8.04	0.00	5.28	20.80	650	ND<0.50	ND<1.0	4.1	ND<1.0		1.4	11	ND<2.0	ND<2.0	ND<2.0	
B-2RD	09/02/08	09/02/08	7.83	0.00	5.49	20.92	610	ND<0.50	ND<1.0	4.9	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-2RD	12/11/08	12/11/08	8.80	0.00	4.52	21.01	520	ND<0.50	ND<1.0	2.0	ND<1.0		1.4	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-2RD	03/04/09	03/04/09	8.37	0.00	4.95	20.89	570	ND<0.50	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-2RD	06/02/09	06/02/09	9.00	0.00	4.32	20.85	470	ND<0.50	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-2RD	07/28/09	07/28/09	9.34	0.00	3.98	20.85	510	ND<0.50	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-2RD	11/06/09		9.43	0.00	3.89	20.85	280	ND<0.50	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-2RD	03/03/10		7.18	0.00	6.14	20.84	280	ND<0.50	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-2RD	06/01/10		8.39	0.00	4.93	20.84	370	ND<0.50	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-2RD	08/31/10		8.02	0.00	5.30	20.90	61	ND<0.50	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-2RD	12/01/10		7.61	0.00	5.71	20.87	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-2RD	03/02/11	03/02/11	6.48	0.00	6.84	19.96	370	ND<1.0	ND<1.0	2.7	ND<2.0		0.56 J	ND<10	ND<5.0	ND<5.0	ND<5.0	
B-2RD	06/02/11	06/02/11	7.06	0.00	6.26	20.97	994	ND<2.0	ND<2.0	9.4	ND<4.0		ND<2.0	ND<20	ND<10	ND<10	ND<10	
B-2RD	09/06/11	09/06/11	7.71	0.00	5.61	20.96	1060	ND<2.0	ND<2.0	9.1	1.5 J		ND<2.0	ND<20	ND<10	ND<10	ND<10	
B-2RD	03/05/12	03/05/12	7.42	0.00	5.90	21.00	697	ND<1.0	0.26 J	4.1	0.54 J		0.32 J	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-2RD	09/11/12	09/11/12	7.96	0.00	5.36	20.95	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		1.2	ND<10	0.90J	ND<2.0	ND<2.0	
B-3					**Top of casing elevation (ft): 11.24**						**Screen Interval: 6 to 36**							
B-3	04/24/92		9.18	0.00	2.06	35.80	ND<500	ND	ND	ND	ND							
B-3	06/30/92		9.82	0.00	1.42	35.94	ND<500	20	ND	ND	ND							
B-3	09/16/92		10.89	0.00	0.35	35.92	ND<500	32.1	2.1	13	16.9							
B-3	01/12/93		10.39	0.00	0.85	35.79	ND<500	34.3	2.3	10.8	6.4							
B-3	03/22/93		8.05	0.00	3.19	35.90	ND<500	6.1	1.5	5.8	7.3							
B-3	05/03/93		8.13	0.00	3.11	35.90	ND<500	8.5	1.3	2	5.3							
B-3	07/21/93		9.04	0.00	2.20	35.85	ND<500	29.3	1.3	8.2	1.7							
B-3RD					**Top of casing elevation (ft): n/a.**						**Screen Interval: 7 to 22**							
B-3RD	10/25/93		9.34	0.00		21.76	2500	74	8.6	115.1	196							
B-3RD	12/03/93		9.47	0.00		22.80												

TABLE 2
HISTORICAL GROUNDWATER DATA
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WELL	DATE GAUGED	DATE SAMPLED	DEPTH TO GW (feet)	SPH THICKN. (feet)	GW ELEV. (relative to MSL)	WELL DEPTH (feet)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL-BENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE 8020/8021 (ug/L)	MTBE 8260 (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	COMMENTS
B-3RD	02/02/94		9.47	0.00		21.80												
B-3RD	02/12/94		9.26	0.00		22.80												
B-3RD	02/19/94		9.05	0.00		21.79												
B-3RD	02/26/94		8.81	0.00		21.81	1900	124.8	47.3	143.2	253.2							
B-3RD	03/10/94		8.58	0.00		21.80												
B-3RD	04/27/94		8.35	0.00		21.80	2900	129.2	15.3	148.4	215.7							
B-3RD	07/27/94		8.69	0.00		21.71	2600	148.7	63.2	140.5	272.3							
B-3RD	08/17/94		8.86	0.00		21.81												
B-3RD	12/19/94		9.31	0.00		21.83	3000	213.3	19.8	198	296.7							
B-3RD					**Top of casing elevation (ft): 11.14**													
B-3RD	02/15/95		7.36	0.00	3.78	21.85	2000	102.5	12.8	97.9	155.2							
B-3RD	04/13/95		7.15	0.00	3.99	21.79	1700	370.4	28.4	140.1	212.8							
B-3RD	07/13/95		7.61	0.00	3.53	21.57	1500	57.4	17.8	52.3	147							
B-3RD	10/10/95		8.66	0.00	2.48	21.52	2400	67.8	14.9	103.9	258.1							
B-3RD	01/24/96		8.56	0.00	2.58	21.51	1300	40.1	9.1	71.1	156.1							
B-3RD	04/22/96		7.49	0.00	3.65	21.54	3100	400	8.9	81	130	1520						
B-3RD	07/25/96		7.68	0.00	3.46	20.76	ND<500	1.6	11	1.7	6.6	620	540					
B-3RD	02/17/97		7.20	0.00	3.94	15.90												
B-3RD	05/15/97		7.96	0.00	3.18	15.10												
B-3RD					**Top of casing elevation (ft): 10.89**													
B-3RD	09/11/97		8.96	0.00	1.93	14.95	ND<500	2.3	3.9	12	6.1	90						
B-3RD	12/05/97		9.38	0.00	1.51	14.94												
B-3RD	02/27/98		6.42	0.00	4.47	14.94												
B-3RD	04/08/98		6.70	0.00	4.19	14.95												
B-3RD	08/17/98		8.00	0.00	2.89	14.52	ND<500	8.1	58	48	5.2	38						
B-3RD	10/20/98		8.51	0.00	2.38	14.71												Not sampled
B-3RD	01/08/99		8.66	0.00	2.23	14.78												Not sampled
B-3RD	04/01/99		8.27	0.00	2.62	14.70												Not sampled
B-3RD					**Top of casing elevation (ft): 13.05**													
B-3RD	07/02/99		8.27	0.00	4.78	14.70												Not sampled
B-3RD	10/22/99		9.05	0.00	4.00	14.69												Not sampled
B-3RD	02/03/00		9.19	0.00	3.86	14.61												Not sampled
B-3RD	04/25/00		8.02	0.00	5.03	14.26	ND<500	1.9	ND<0.3	ND<0.3	ND<0.6	15						
B-3RD	07/24/00		8.70	0.00	4.35	14.80	ND<500	ND<0.3	ND<0.3	ND<0.3	0.8	14						
B-3RD	10/24/00		9.08	0.00	3.97	14.74												Not sampled
B-3RD	02/09/01		8.14	0.00	4.91	14.85												
B-3RD	03/06/01		6.84	0.00	6.21	14.80	ND<500	ND<0.50	ND<1.0	ND<1.0	ND<2.0		16	60	ND<2.0	ND<2.0	ND<2.0	
B-3RD	06/29/01		7.65	0.00	5.40	14.84	1900	28	2.7	1.0	1.8		800	40000	ND<2.0	ND<2.0	ND<2.0	
B-3RD	09/07/01		8.29	0.00	4.76	15.15	260	2	4	3	7		50	13000	ND<10	ND<10	ND<10	
B-3RD	12/10/01		9.28	0.00	3.77	15.15	93	ND<1	ND<1	ND<1	ND<1		18	ND<500	ND<10	ND<10	ND<10	
B-3RD	02/06/02		9.82	0.00	3.23	15.33	140	ND<1.0	ND<1.0	ND<1.0	ND<1.0		15	ND<50	ND<10	ND<10	ND<10	
B-3RD	05/16/02		9.45	0.00	3.60	15.12	66	ND<1.0	1	2	4		9	ND<50	ND<10	ND<10	ND<10	
B-3RD	08/02/02		9.02	0.00	4.03	15.12	70	ND<1	ND<1	ND<1	ND<1.0		11	ND<50	ND<10	ND<10	ND<10	
B-3RD	11/07/02		9.35	0.00	3.70	15.23	62	0.94	2.5	ND<1.0	2.2		9.0	14	ND<2.0	ND<2.0	ND<2.0	
B-3RD	02/04/03		9.45	0.00	3.60	15.23	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		10	19	ND<2.0	ND<2.0	ND<2.0	
B-3RD	05/07/03		7.71	0.00	5.34	15.23	53	ND<0.50	ND<1.0	ND<1.0	ND<1.0		9.0	56	ND<2.0	ND<2.0	ND<2.0	
B-3RD	08/08/03		9.63	0.00	3.42	15.23	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		9.1	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-3RD	11/07/03		8.98	0.00	4.07	15.20	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		4.1	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-3RD	02/06/04		9.02	0.00	4.03	15.24	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		3.5	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-3RD	05/04/04		8.05	0.00	5.00	15.23	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		5.2	12	ND<2.0	ND<2.0	ND<2.0	
B-3RD	08/05/04		8.27	0.00	4.78	15.23	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		6.5	50	ND<2.0	ND<2.0	ND<2.0	
B-3RD	11/18/04		7.73	0.00	5.32	15.20	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		3.7	300	ND<2.0	ND<2.0	ND<2.0	

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B-3RD	02/04/05		6.69	0.00	6.36	15.11	50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		3.9	1100	ND<2.0	ND<2.0	ND<2.0	
B-3RD	05/12/05		6.76	0.00	6.29	15.16	ND<50	ND<1.0	ND<2.0	ND<2.0	ND<2.0		7.5	1700	ND<4.0	ND<4.0	ND<4.0	
B-3RD	08/05/05		7.40	0.00	5.65	15.32	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0		2.7	240	ND<2.0	ND<2.0	ND<2.0	
B-3RD	11/23/05		7.44	0.00	5.61	15.25	ND<50	ND<0.50	ND<2.0	ND<2.0	ND<4.0		ND<5.0	160	ND<5.0	ND<5.0	ND<5.0	
B-3RD	02/09/06		7.25	0.00	5.80	15.31	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50		3.34	244	ND<0.50	ND<0.50	ND<0.50	
B-3RD	05/09/06		6.85	0.00	6.20	15.16	170	ND<1.0	ND<1.0	ND<1.0	ND<2.0		ND<2.0	820	ND<2.0	ND<2.0	ND<2.0	
B-3RD	08/24/06		7.50	0.00	5.55	15.22	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		4	370	ND<2.0	ND<2.0	ND<2.0	
B-3RD	11/17/06		7.95	0.00	5.10	15.15	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0		2.4	170	ND<1.0	ND<1.0	ND<1.0	
B-3RD	03/02/07		8.01	0.00	5.04	15.20	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0		2.5	170	ND<1.0	ND<1.0	ND<1.0	
B-3RD	06/05/07		7.79	0.00	5.26	15.06	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0		1.8	160	ND<1.0	ND<1.0	ND<1.0	
B-3RD	09/10/07		8.34	0.00	4.71	15.22	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0		1.6	190	ND<1.0	ND<1.0	ND<1.0	
B-3RD	10/29/07		8.04	0.00	5.01	15.23	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0		1.7	190	ND<1.0	ND<1.0	ND<1.0	
B-3RD	03/25/08		8.34	0.00	4.71	15.30	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.4	120	ND<2.0	ND<2.0	ND<2.0	
B-3RD	06/23/08		7.50	0.00	5.55	15.17	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.2	400	ND<2.0	ND<2.0	ND<2.0	
B-3RD	09/02/08	09/02/08	7.40	0.00	5.65	15.19	330	ND<0.50	ND<1.0	1.6	ND<1.0		ND<1.0	1300	ND<2.0	ND<2.0	ND<2.0	
B-3RD	12/11/08	12/11/08	8.31	0.00	4.74	21.05	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.0	210	ND<2.0	ND<2.0	ND<2.0	
B-3RD	03/04/09	03/04/09																Unable to access / No sample taken
B-3RD	03/02/11	03/02/11	4.60	0.00	8.45	15.03	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		ND<1.0	35	ND<5.0	ND<5.0	ND<5.0	
B-3RD	06/02/11	06/02/11	5.25	0.00	7.80	15.33	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		ND<1.0	ND<10	ND<5.0	ND<5.0	ND<5.0	
B-3RD	09/06/11	09/06/11	5.80	0.00	7.25	15.37	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		ND<1.0	23.9	ND<5.0	ND<5.0	ND<5.0	
B-3RD	03/05/12	03/05/12	5.60	0.00	7.45	15.42	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		0.23 J	15.1	ND<2.0	ND<2.0	ND<2.0	
B-3RD	09/11/12	09/11/12	6.29	0.00	6.76	15.36	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		2.4	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-4					**Top of casing elevation (ft): 11.66**					**Screen Interval: 6 to 36**								
B-4	04/24/92		9.36	0.00	2.30	35.52	ND<500	30	4	3	4							
B-4	06/30/92		10.20	0.00	1.46	35.56	ND<500	ND	ND	ND	ND							
B-4	09/16/92		12.80	0.00	-1.14	35.35	ND<500	8	3.1	ND	3.9							
B-4	01/12/93		11.80	0.00	-0.14	35.15	ND<500	ND	ND	ND	ND							
B-4	03/22/93		8.24	0.00	3.42	34.90	ND<500	7.6	2.3	ND	ND							
B-4	05/03/93		8.34	0.00	3.32	34.70	ND<500	7.2	ND	ND	ND							
B-4	07/21/93		9.27	0.00	2.39	34.85	ND<500	8	ND	ND	ND							
B-4RD					**Top of casing elevation (ft): n/a.**					**Screen Interval: 7.5 to 22.5**								
B-4RD	10/25/93		9.47	0.00		21.97	ND<500	4.2	0.3	ND	ND							
B-4RD	12/03/93		9.59	0.00		22.04												
B-4RD	02/02/94		9.50	0.00		22.03												
B-4RD	02/12/94		9.40	0.00		22.04												
B-4RD	02/19/94		9.00	0.00		21.03												
B-4RD	02/26/94		8.95	0.00		22.07	ND<500	5.9	13.8	2.2	20							
B-4RD	03/10/94		8.82	0.00		22.04												
B-4RD	04/27/94		8.30	0.00		22.05	ND<500	1.4	1.6	ND	3							
B-4RD	07/27/94		8.79	0.00		22.04	ND<500	ND	ND	ND	ND							
B-4RD	08/17/94		8.97	0.00		22.07												
B-4RD	12/19/94		9.28	0.00		22.09	ND<500	0.7	ND	1.1	1.7							
B-4RD					**Top of casing elevation (ft): 11.53**													
B-4RD	02/15/95		7.44	0.00	4.09	22.09	ND<500	0.6	0.9	0.8	2.5							
B-4RD	04/13/95		7.28	0.00	4.25	22.05	ND<500	ND	1.3	ND	2							
B-4RD	07/13/95		7.44	0.00	4.09	21.46	ND<500	ND	ND	ND	ND							
B-4RD	10/10/95		8.58	0.00	2.95	21.46	ND<500	0.4	0.5	1.1	2.5							
B-4RD	01/24/96		8.38	0.00	3.15	21.42	ND<500	4.4	3.9	4.7	14.2							
B-4RD	01/24/96		7.30	0.00	4.23	21.52	ND<500	12	2.5	4.1	9.8	20						
B-4RD	04/22/96		7.30	0.00	4.23	21.52	ND<500	12	2.5	4.1	9.8	20						

TABLE 2
HISTORICAL GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
20001 Brookhurst Street, Huntington Beach

WELL	DATE GAUGED	DATE SAMPLED	DEPTH TO GW (feet)	SPH THICKN. (feet)	GW ELEV. (relative to MSL)	WELL DEPTH (feet)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL-BENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE 8020/8021 (ug/L)	MTBE 8260 (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	COMMENTS
B-4RD	07/25/96		7.57	0.00	3.96	20.75	ND<500	1	2.1	1.8	7.1	ND<10						
B-4RD	02/17/97		7.09	0.00	4.44	20.37												
B-4RD	05/15/97		7.80	0.00	3.73	20.35												
B-4RD					**Top of casing elevation (ft): 11.03**													
B-4RD	09/11/97		8.82	0.00	2.21	20.28	ND<500	14	1	0.4	4.1	ND						
B-4RD	12/05/97		9.22	0.00	1.81	20.29												
B-4RD	02/27/98		6.41	0.00	4.62	20.29												
B-4RD	04/08/98		6.70	0.00	4.33	20.31												
B-4RD	08/17/98		7.86	0.00	3.17	20.25	ND<500	45	3	4.5	14	ND						
B-4RD	10/20/98		8.37	0.00	2.66	20.30												Not sampled
B-4RD	01/08/99		8.50	0.00	2.53	20.25												Not sampled
B-4RD	04/01/99		8.18	0.00	2.85	20.25												Not sampled
B-4RD					**Top of casing elevation (ft): 13.18**													
B-4RD	07/02/99		8.13	0.00	5.05	20.23												Not sampled
B-4RD	10/22/99		8.93	0.00	4.25	20.25												Not sampled
B-4RD	02/03/00		9.10	0.00	4.08	20.12												Not sampled
B-4RD	04/25/00		7.91	0.00	5.27	19.77	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<5.0						
B-4RD	07/24/00		8.58	0.00	4.60	20.26	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<5.0						
B-4RD	10/24/00		8.95	0.00	4.23	20.22												Not sampled
B-4RD	02/09/01		8.10	0.00	5.08	20.30												
B-4RD	03/06/01		6.76	0.00	6.42	20.25	ND<500	ND<0.50	ND<1.0	ND<1.0	ND<2.0		7.2	ND<50	ND<2.0	ND<2.0	ND<2.0	
B-4RD	06/29/01		7.52	0.00	5.66	20.31	160	1.3	ND<1.0	ND<1.0	ND<2.0		180	190	ND<2.0	ND<2.0	4.3	
B-4RD	09/07/01		8.29	0.00	4.89	20.29	240	2	4	2	6		150	ND<100	ND<10	ND<10	ND<10	
B-4RD	12/10/01		9.31	0.00	3.87	20.29	ND<50	ND<1	ND<1	ND<1	ND<1		19	ND<500	ND<10	ND<10	ND<10	
B-4RD	02/06/02		9.70	0.00	3.48	20.55	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0		17	ND<50	ND<10	ND<10	ND<10	
B-4RD	05/16/02		9.25	0.00	3.93	20.25	ND<50	ND<1.0	1	ND<1.0	3		13	ND<50	ND<10	ND<10	ND<10	
B-4RD	08/02/02		8.93	0.00	4.25	20.25	ND<50	ND<1	ND<1	ND<1	ND<1.0		13	ND<50	ND<10	ND<10	ND<10	
B-4RD	11/07/02		9.24	0.00	3.94	20.37	ND<50	0.57	1.4	ND<1.0	1.8		13	43	ND<2.0	ND<2.0	ND<2.0	
B-4RD	02/04/03		9.08	0.00	4.10	20.37	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		15	100	ND<2.0	ND<2.0	ND<2.0	
B-4RD	05/07/03		7.67	0.00	5.51	20.37	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		4.1	30	ND<2.0	ND<2.0	ND<2.0	
B-4RD	08/08/03		9.47	0.00	3.71	20.37	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		9.9	340	ND<2.0	ND<2.0	ND<2.0	
B-4RD	11/07/03		8.90	0.00	4.28	20.30	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		8.1	380	ND<2.0	ND<2.0	ND<2.0	
B-4RD	02/06/04		8.89	0.00	4.29	20.35	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		12	1000	ND<2.0	ND<2.0	ND<2.0	
B-4RD	05/04/04		8.04	0.00	5.14	20.35	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		13	320	ND<2.0	ND<2.0	ND<2.0	
B-4RD	08/05/04		8.11	0.00	5.07	20.37	ND<50	ND<0.50	1.2	ND<1.0	ND<1.0		12	120	ND<2.0	ND<2.0	ND<2.0	
B-4RD	11/18/04		7.60	0.00	5.58	20.34	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		3.2	100	ND<2.0	ND<2.0	ND<2.0	
B-4RD	02/04/05		6.66	0.00	6.52	20.29	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		2.0	160	ND<2.0	ND<2.0	ND<2.0	
B-4RD	05/12/05		6.70	0.00	6.48	20.24	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		4.1	520	ND<2.0	ND<2.0	ND<2.0	
B-4RD	08/05/05		7.24	0.00	5.94	20.35	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0		1.8	74	ND<2.0	ND<2.0	ND<2.0	
B-4RD	11/23/05		7.34	0.00	5.84	20.23	ND<50	ND<0.50	ND<2.0	ND<2.0	ND<4.0		ND<5.0	200	ND<5.0	ND<5.0	ND<5.0	
B-4RD	02/09/06		7.16	0.00	6.02	20.35	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50		1.59	159	ND<0.50	ND<0.50	ND<0.50	
B-4RD	05/09/06		6.80	0.00	6.38	20.38	59	ND<0.50	ND<0.50	ND<1.0	ND<1.0		1.20	250	ND<1.0	ND<1.0	ND<1.0	
B-4RD	08/24/06		7.33	0.00	5.85	20.39	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.5	210	ND<2.0	ND<2.0	ND<2.0	
B-4RD	11/17/06		7.74	0.00	5.44	20.30	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0		1.3	160	ND<1.0	ND<1.0	ND<1.0	
B-4RD	03/02/07		7.72	0.00	5.46	20.31	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0		1.3	160	ND<1.0	ND<1.0	ND<1.0	
B-4RD	06/05/07		7.96	0.00	5.22	20.29	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0		1.3	100	ND<1.0	ND<1.0	ND<1.0	
B-4RD	09/10/07		8.05	0.00	5.13	20.31	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0		1.7	130	ND<1.0	ND<1.0	ND<1.0	
B-4RD	10/29/07		7.95	0.00	5.23	20.35	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0		1.3	120	ND<1.0	ND<1.0	ND<1.0	
B-4RD	03/25/08		7.89	0.00	5.29	20.41	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.8	30	ND<2.0	ND<2.0	ND<2.0	
B-4RD	06/23/08		7.55	0.00	5.63	20.34	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.5	110	ND<2.0	ND<2.0	ND<2.0	
B-4RD	09/02/08	09/02/08	7.24	0.00	5.94	20.39	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.2	120	ND<2.0	ND<2.0	ND<2.0	
B-4RD	12/11/08	12/11/08	8.06	0.00	5.12	21.30	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.1	57	ND<2.0	ND<2.0	ND<2.0	

TABLE 2
HISTORICAL GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
20001 Brookhurst Street, Huntington Beach

WELL	DATE GAUGED	DATE SAMPLED	DEPTH TO GW (feet)	SPH THICKN. (feet)	GW ELEV. (relative to MSL)	WELL DEPTH (feet)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL-BENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE 8020/8021 (ug/L)	MTBE 8260 (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	COMMENTS
B-4RD	03/04/09	03/04/09	7.70	0.00	5.48	21.30	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		ND<1.0	51	ND<2.0	ND<2.0	ND<2.0	
B-4RD	06/02/09	06/02/09	8.43	0.00	4.75	21.43	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.4	170	ND<2.0	ND<2.0	ND<2.0	
B-4RD	11/06/09		8.86	0.00	4.32	21.40	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.1	170	ND<2.0	ND<2.0	ND<2.0	
B-4RD	06/01/10		8.00	0.00	5.18	21.34	53	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.2	180	ND<2.0	ND<2.0	ND<2.0	
B-4RD	08/31/10		7.44	0.00	5.74	21.37	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.1	47	ND<2.0	ND<2.0	ND<2.0	
B-4RD	12/01/10		6.91	0.00	6.27	21.29	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		ND<1.0	17	ND<2.0	ND<2.0	ND<2.0	
B-4RD	03/02/11	03/02/11	5.70	0.00	7.48	21.40	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		ND<1.0	ND<10	ND<5.0	ND<5.0	ND<5.0	
B-4RD	06/02/11	06/02/11	6.67	0.00	6.51	21.48	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		ND<1.0	ND<10	ND<5.0	ND<5.0	ND<5.0	
B-4RD	09/06/11	09/06/11	7.28	0.00	5.90	21.52	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		ND<1.0	ND<10	ND<5.0	ND<5.0	ND<5.0	
B-4RD	03/05/12	03/05/12	6.97	0.00	6.21	21.56	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		1.3	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-4RD	09/11/12	09/11/12	7.74	0.00	5.44	21.49	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		3.6	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-5					**Top of casing elevation (ft): 12.48**					**Screen Interval: 6 to 36**								
B-5	04/24/92		10.31	0.01	2.17	35.40												
B-5	05/19/92		10.42	0.00	2.06	34.49	11000	3000	800	20	2000							
B-5	06/30/92		11.43	0.00	1.05	31.68	4900	1600	600	500	1400							
B-5	09/16/92		12.97	0.00	-0.49	30.23	9000	1148.3	442.7	212.6	722.3							
B-5	01/12/93		12.30	0.00	0.18	28.79	3600	421.3	56	ND	202.6							
B-5	03/22/93		9.05	0.00	3.43	29.50	22100	2960.4	2534.5	ND	3293.3							
B-5	05/03/93		9.17	0.00	3.31	29.62	36900	6008	3560.4	1565.3	5771.6							
B-5	07/21/93		10.29	0.00	2.19	29.85	27400	5196.9	3108.4	1599.4	5236.3							
B-5RD					**Top of casing elevation (ft): n/a.**					**Screen Interval: 6.5 to 21.5**								
B-5RD	10/25/93		11.00	0.00		21.88	28600	3992.9	3448.5	1028.8	3668.9							
B-5RD	12/03/93		10.71	0.00		21.43												
B-5RD	02/02/94		10.58	0.00		21.13												
B-5RD	02/12/94		10.34	0.00		20.22												
B-5RD	02/19/94		10.03	0.00		20.83												
B-5RD	02/26/94		10.03	0.00		20.84	31000	3891.6	3023.1	1667.8	5837.3							
B-5RD	03/10/94		9.60	0.00		20.86												
B-5RD	04/27/94		9.20	0.00		20.84	38900	4250.2	3583	1941.7	7499							
B-5RD	07/27/94		9.80	0.00		20.91	29100	2990.1	2616.1	1445.3	5344.8							
B-5RD	08/17/94		10.00	0.00		21.00												
B-5RD	12/19/94		10.41	0.00		21.01	29300	3217.6	1455.9	1478	4509.1							
B-5RD					**Top of casing elevation (ft): 12.40**													
B-5RD	02/15/95		8.38	0.00	4.02	21.09												
B-5RD	04/13/95		8.23	0.00	4.17	21.31	23200	6883.9	2149.5	1632.4	5151.8							
B-5RD	07/13/95		8.35	0.00	4.05	20.81	34100	3547.6	2051	1652.8	5176.2							
B-5RD	10/10/95		9.35	0.00	3.05	20.90	29400	2454.7	1328.2	1263.3	3504.4							
B-5RD	01/24/96		9.24	0.00	3.16	20.87	20300	1545.9	873.8	857.7	2655.6							
B-5RD	04/22/96		8.10	0.00	4.30	20.91	16000	2000	300	770	1610	900						
B-5RD	07/25/96		8.02	0.00	4.38	20.92	4300	190	160	110	580	200						
B-5RD	02/17/97		7.89	0.00	4.51	20.89	23000	1700	550	530	1800	1200						
B-5RD	05/15/97		8.68	0.00	3.72	20.95	22000	2400	740	770	2300	1600						
B-5RD					**Top of casing elevation (ft): 11.76**													
B-5RD	09/11/97																	ORC sock in well
B-5RD	12/05/97																	ORC sock in well
B-5RD	02/27/98		7.37	0.00	4.39	20.91	19000	1200	1000	840	3200	2000						
B-5RD	04/08/98		7.50	0.00	4.26	20.93	20000	1000	1000	920	2900	5000						
B-5RD	08/17/98		8.82	0.00	2.94	20.87	21000	6900	4800	4400	16000	7600	5.8					
B-5RD	10/20/98		9.35	0.00	2.41	20.94	4700	470	290	360	1500	3300						
B-5RD	01/08/99		9.44	0.00	2.32	20.89	4500	240	130	160	720	2000						ORC sock in well

TABLE 2
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SHELL-BRANDED SERVICE STATION
20001 Brookhurst Street, Huntington Beach

WELL	DATE GAUGED	DATE SAMPLED	DEPTH TO GW (feet)	SPH THICKN. (feet)	GW ELEV. (relative to MSL)	WELL DEPTH (feet)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL-BENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE 8020/8021 (ug/L)	MTBE 8260 (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	COMMENTS
B-5RD	04/01/99		11.04	0.00	0.72	20.93	5000	440	120	310	590	7300						
B-5RD					**Top of casing elevation (ft): 13.93**													
B-5RD	07/02/99		9.09	0.00	4.84	20.90	16000	960	680	930	2900	4700						No purge sample
B-5RD	10/22/99		9.93	0.00	4.00	20.94	9700	68	7.8	55	17	14000						No purge sample
B-5RD	02/03/00		12.80	0.00	1.13	20.76	7500	26	2.7	19	17	14000						No purge sample
B-5RD	04/25/00		8.80	0.00	5.13	20.48	39000	420	200	520	1400	60000	69000					
B-5RD	07/24/00		12.30	0.00	1.63	20.95	71000	280	100	350	850	110000	110000					
B-5RD	10/24/00		9.94	0.00	3.99	20.89	7400	81	16	81	120	2900						
B-5RD	02/09/01		11.78	0.00	2.15	20.95	13000	290	68	350	570		5700	230000	ND<50	ND<50	ND<50	
B-5RD	03/06/01		7.63	0.00	6.30	20.92												
B-5RD	06/29/01		8.52	0.00	5.41	20.94	16000	320	ND<500	580	810		5700	66000	ND<1000	ND<1000	ND<1000	
B-5RD	09/07/01		8.73	0.00	5.20	20.47	1100	78	7	37	34		260	12000	17	ND<10	ND<10	
B-5RD	12/10/01		9.92	0.00	4.01	20.47	240	4	ND<1	1	2		92	ND<500	13	ND<10	ND<10	
B-5RD	02/06/02		11.06	0.00	2.87	20.85	5400	35	ND<1.0	1	4		200	42000	11	ND<10	ND<10	
B-5RD	05/16/02		10.45	0.00	3.48	20.51	15000	550	650	92	880		640	18000	30	ND<10	ND<10	Sampled from port
B-5RD	08/02/02		9.54	0.00	4.39	20.51	660	35	2	12	36		230	43000	20	ND<10	ND<10	
B-5RD	11/07/02		9.80	0.00	4.13	20.64	670	9.5	ND<10	ND<10	ND<10		140	44000	ND<20	ND<20	ND<20	
B-5RD	02/04/03		10.46	0.00	3.47	20.64	1200	ND<50	ND<100	ND<100	ND<100		250	51000	ND<200	ND<200	ND<200	
B-5RD	05/07/03		8.30	0.00	5.63	20.64	1100	ND<50	ND<100	ND<100	130		290	51000	ND<200	ND<200	ND<200	
B-5RD	08/08/03		12.04	0.00	1.89	20.64	ND<50	0.80	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<1000	3.1	ND<2.0	ND<2.0	
B-5RD	11/07/03		9.59	0.00	4.34	20.55	490	3.2	ND<2.0	5.6	ND<2.0		17.0	2800	ND<4.0	ND<4.0	ND<4.0	
B-5RD	02/06/04		9.65	0.00	4.28	20.54	240	ND<2.5	ND<5.0	ND<5.0	ND<5.0		7.0	1600	ND<10	ND<10	ND<10	
B-5RD	05/04/04		8.69	0.00	5.24	20.34	530	3.1	ND<2.0	20	ND<2.0		16	4400	ND<4.0	ND<4.0	ND<4.0	
B-5RD	08/05/04		8.80	0.00	5.13	20.55	420	2.7	ND<1.0	11	1.4		5.5	600	ND<2.0	ND<2.0	ND<2.0	
B-5RD	11/18/04		8.18	0.00	5.75	20.55	730	3.5	1.5	93	18.5		8.3	960	2.5	ND<2.0	ND<2.0	
B-5RD	02/04/05		7.22	0.00	6.71	20.48	1200	2.2	ND<1.0	100	13.7		4.7	420	2.4	ND<2.0	ND<2.0	
B-5RD	05/12/05		7.33	0.00	6.60	20.50	850	1.8	1.5	110	14.4		6.2	750	2.6	ND<2.0	ND<2.0	
B-5RD	08/05/05		7.97	0.00	5.96	20.54	1400	1.8	1.1	150	9.0		3.5	360	ND<2.0	ND<2.0	ND<2.0	
B-5RD	11/23/05		7.91	0.00	6.02	20.56	630	1.1	ND<2.0	50	ND<4.0		ND<5.0	450	ND<5.0	ND<5.0	ND<5.0	
B-5RD	02/09/06		7.68	0.00	6.25	20.57	1030	0.93	ND<0.50	41.3	2.08		2.97	356	2.75	ND<0.50	ND<0.50	
B-5RD	05/09/06		7.32	0.00	6.61	20.55	1100	1.7	ND<0.50	69	2.9		4.20	480	4.40	ND<1.0	ND<1.0	
B-5RD	08/24/06		7.90	0.00	6.03	20.50	780	1.9	ND<1.0	26	ND<1.0		4.8	310	4.1	ND<2.0	ND<2.0	
B-5RD	11/17/06		8.43	0.00	5.50	20.40	720	1.2	ND<0.50	12	ND<1.0		4.0	350	6.4	ND<1.0	ND<1.0	
B-5RD	03/02/07		8.55	0.00	5.38	20.50	1100	1.4	ND<0.50	14	ND<1.0		4.0	300	5.5	ND<1.0	ND<1.0	
B-5RD	06/05/07		8.40	0.00	5.53	20.55	1200	1.4	ND<0.50	8.4	ND<1.0		4.0	310	6.3	ND<1.0	ND<1.0	
B-5RD	09/10/07		8.93	0.00	5.00	20.57	930	0.98	ND<0.50	9.8	ND<1.0		3.3	350	6.9	ND<1.0	ND<1.0	
B-5RD	10/29/07		8.50	0.00	5.43	20.60	390	ND<0.50	ND<0.50	1.2	ND<1.0		2.7	220	5.2	ND<1.0	ND<1.0	
B-5RD	03/25/08		8.52	0.00	5.41	20.62	480	ND<0.50	ND<1.0	4.3	ND<1.0		ND<1.0	180	3.4	ND<2.0	ND<2.0	
B-5RD	06/23/08		8.21	0.00	5.72	20.50	1100	0.61	ND<1.0	11	ND<1.0		1.3	190	2.9	ND<2.0	ND<2.0	
B-5RD	09/02/08	09/03/08	7.73	0.00	6.20	20.52	270	ND<0.50	ND<1.0	2.4	ND<1.0		ND<1.0	110	ND<2.0	ND<2.0	ND<2.0	
B-5RD	12/11/08	12/11/08	8.75	0.00	5.18	20.45	540	ND<0.50	ND<1.0	2.6	ND<1.0		1.1	150	2.6	ND<2.0	ND<2.0	
B-5RD	03/04/09	03/04/09	8.49	0.00	5.44	20.48	840	ND<0.50	ND<1.0	3.8	ND<1.0		1.3	220	2.9	ND<2.0	ND<2.0	
B-5RD	06/02/09	06/02/09	9.10	0.00	4.83	20.50	470	ND<0.50	ND<1.0	1.4	ND<1.0		2.1	150	4.3	ND<2.0	ND<2.0	
B-5RD	07/28/09	07/28/09	9.47	0.00	4.46	20.50	470	ND<0.50	ND<1.0	1.2	ND<1.0		2.4	160	4.7	ND<2.0	ND<2.0	
B-5RD	11/06/09		9.50	0.00	4.43	20.55	640	ND<0.50	ND<1.0	1.3	ND<1.0		1.8	160	4.5	ND<2.0	ND<2.0	
B-5RD	03/03/10		7.30	0.00	6.63	20.50	610	ND<0.50	ND<1.0	3.6	ND<1.0		1.4	210	3.5	ND<2.0	ND<2.0	
B-5RD	06/01/10		8.63	0.00	5.30	20.38	770	ND<0.50	ND<1.0	2.7	ND<1.0		ND<1.0	160	2.3	ND<2.0	ND<2.0	
B-5RD	08/31/10		8.08	0.00	5.85	20.64	480	1.5	ND<1.0	2.2	ND<1.0		1.3	140	2.9	ND<2.0	ND<2.0	
B-5RD	12/01/10		7.38	0.00	6.55	20.51	380	ND<0.50	ND<1.0	2.1	ND<1.0		ND<1.0	64	ND<2.0	ND<2.0	ND<2.0	
B-5RD	03/02/11	03/02/11	6.62	0.00	7.31	20.63	178	ND<1.0	ND<1.0	3.7	ND<2.0		ND<1.0	34.6	ND<5.0	ND<5.0	ND<5.0	
B-5RD	06/02/11	06/02/11	7.21	0.00	6.72	20.64	382	ND<1.0	ND<1.0	2.7	ND<2.0		ND<1.0	29.6	ND<5.0	ND<5.0	ND<5.0	
B-5RD	09/06/11	09/06/11	7.87	0.00	6.06	20.82	401	ND<1.0	ND<1.0	2.9	ND<2.0		ND<1.0	45.3	ND<5.0	ND<5.0	ND<5.0	

TABLE 2
HISTORICAL GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
20001 Brookhurst Street, Huntington Beach

WELL	DATE GAUGED	DATE SAMPLED	DEPTH TO GW (feet)	SPH THICKN. (feet)	GW ELEV. (relative to MSL)	WELL DEPTH (feet)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL-BENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE 8020/8021 (ug/L)	MTBE 8260 (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	COMMENTS
B-5RD	03/05/12	03/05/12	7.32	0.00	6.61	20.50	179	ND<1.0	ND<1.0	1.4	ND<2.0		0.35 J	36.7	ND<2.0	ND<2.0	ND<2.0	
B-5RD	09/11/12	09/11/12	8.32	0.00	5.61	20.64	30.0J	ND<1.0	ND<1.0	ND<1.0	ND<2.0		0.47J	24.7	0.24J	ND<2.0	ND<2.0	
B-6					**Top of casing elevation (ft): 11.11**					**Screen Interval: 6 to 36**								
B-6	04/24/92		8.86	0.00	2.25	35.85	ND<500	60	6	ND								
B-6	06/30/92		10.01	0.00	1.10	35.97	ND<500	200	20	ND	ND							
B-6	09/16/92		11.80	0.00	-0.69	35.86	600	41.1	5	0.7	5.9							
B-6	01/12/93		11.37	0.00	-0.26	35.42	1000	57.1	9.5	ND	ND							
B-6	03/22/93		7.74	0.00	3.37	35.00	3000	969.6	27.4	ND	32.3							
B-6	05/03/93		7.92	0.00	3.19	34.61	2900	965.3	ND	ND	ND							
B-6	07/21/93		8.77	0.00	2.34	34.37	1500	842	19	ND	33.2							
B-6RD					**Top of casing elevation (ft): n/a.**					**Screen Interval: 5 to 35**								
B-6RD	10/25/93		9.97	0.00		22.55	ND<500	1.7	1.1	0.5	0.9							
B-6RD	12/03/93		9.11	0.00		22.53												
B-6RD	02/02/94		8.98	0.00		22.52												
B-6RD	02/12/94		8.77	0.00		22.43												
B-6RD	02/19/94		8.38	0.00		22.33												
B-6RD	02/26/94		8.34	0.00		22.36	ND<500	ND	ND	ND	ND							
B-6RD	03/10/94		8.62	0.00		22.48												
B-6RD	04/27/94		7.66	0.00		22.45	ND<500	ND	ND	ND	ND							
B-6RD	07/27/94		8.26	0.00		22.55	ND<500	1.9	2.5	ND	5.1							
B-6RD	08/17/94		8.45	0.00		22.61												
B-6RD	12/19/94		8.81	0.00		22.61	ND<500	1.9	1.7	1.4	6.6							
B-6RD					**Top of casing elevation (ft): 11.10**													
B-6RD	02/15/95		6.95	0.00	4.15	22.62	ND<500	0.8	1.5	0.7	3.5							
B-6RD	04/13/95		6.81	0.00	4.29	22.58	ND<500	3.2	9.4	2.2	8.7							
B-6RD	07/13/95		6.65	0.00	4.45	21.83	ND<500	2.5	11.6	4.2	18.8							
B-6RD	10/10/95		7.61	0.00	3.49	21.77	ND<500	ND	0.5	ND	ND							
B-6RD	01/24/96		7.58	0.00	3.52	21.78	ND<500	2.3	2.6	2.6	8							
B-6RD	04/22/96		6.48	0.00	4.62	21.80	ND<500	2.5	1.5	1.8	4.1	ND						
B-6RD	07/25/96		6.82	0.00	4.28	21.80	ND<500	7.8	0.5	0.5	1	ND						
B-6RD	02/17/97		6.29	0.00	4.81	21.79												
B-6RD	05/15/97		7.00	0.00	4.10	21.84												
B-6RD					**Top of casing elevation (ft): 10.35**													
B-6RD	09/11/97		8.05	0.00	2.30	21.86	ND<500	34	1.6	1	5.8	ND						
B-6RD	12/05/97		8.50	0.00	1.85	21.83												
B-6RD	02/27/98		5.69	0.00	4.66	21.81												
B-6RD	04/08/98		6.00	0.00	4.35	21.83												
B-6RD	08/17/98		7.13	0.00	3.22	21.78	ND<500	130	10	18	21	15						
B-6RD	10/20/98		7.63	0.00	2.72	21.84												Not sampled
B-6RD	01/08/99		7.75	0.00	2.60	21.77												Not sampled
B-6RD	04/01/99		7.41	0.00	2.94	21.80												Not sampled
B-6RD					**Top of casing elevation (ft): 12.53**													
B-6RD	07/02/99		7.39	0.00	5.14	21.80												Not sampled
B-6RD	10/22/99		8.24	0.00	4.29	21.83												Not sampled
B-6RD	02/03/00		8.36	0.00	4.17	21.66												Not sampled
B-6RD	04/25/00		7.13	0.00	5.40	21.38	ND<500	2.2	ND<0.3	ND<0.3	1.2	ND<5.0						
B-6RD	07/24/00		7.87	0.00	4.66	21.84	ND<500	14	ND<0.3	ND<0.3	ND<0.6	ND<5.0						
B-6RD	10/24/00		8.27	0.00	4.26	21.75												Not sampled
B-6RD	02/09/01		7.45	0.00	5.08	21.84												
B-6RD	03/06/01		6.14	0.00	6.39	21.81	ND<500	13	ND<1.0	ND<1.0	ND<2.0		6.4	ND<50	ND<2.0	ND<2.0	ND<2.0	

TABLE 2
HISTORICAL GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
20001 Brookhurst Street, Huntington Beach

WELL	DATE GAUGED	DATE SAMPLED	DEPTH TO GW (feet)	SPH THICKN. (feet)	GW ELEV. (relative to MSL)	WELL DEPTH (feet)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL-BENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE 8020/8021 (ug/L)	MTBE 8260 (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	COMMENTS
B-6RD	06/29/01		6.96	0.00	5.57	21.83	ND<100	0.72	ND<1.0	ND<1.0	ND<2.0		4.2	ND<50	ND<2.0	ND<2.0	ND<2.0	
B-6RD	09/07/01		7.48	0.00	5.05	21.74	150	4	10	4	13		ND<2	ND<100	ND<10	ND<10	ND<10	
B-6RD	12/10/01		8.51	0.00	4.02	21.74	54	ND<1	ND<1	ND<1	ND<1		ND<2	ND<500	ND<10	ND<10	ND<10	
B-6RD	02/06/02		9.00	0.00	3.53	21.80	110	ND<1.0	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<50	ND<10	ND<10	ND<10	
B-6RD	05/16/02		8.59	0.00	3.94	21.72	200	80	2	2	4		ND<1.0	ND<50	ND<10	ND<10	ND<10	
B-6RD	08/02/02		8.25	0.00	4.28	21.72	560	200	1	ND<1	2		ND<1	ND<50	ND<10	ND<10	ND<10	
B-6RD	11/07/02		8.54	0.00	3.99	21.83	170	26	1.0	ND<1.0	1.3		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-6RD	02/04/03		8.37	0.00	4.16	21.83	280	35	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-6RD	05/07/03		6.98	0.00	5.55	21.83	280	12	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-6RD	08/08/03		8.93	0.00	3.60	21.83	290	4.2	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-6RD	11/07/03		8.23	0.00	4.30	21.77	82	0.59	ND<1.0	ND<1.0	ND<1.0		ND<1.0	11	ND<2.0	ND<2.0	ND<2.0	
B-6RD	02/06/04		8.25	0.00	4.28	21.78	200	9.5	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-6RD	05/04/04		7.23	0.00	5.30	21.71	160	8.6	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-6RD	08/05/04		7.33	0.00	5.20	21.73	170	0.69	1.4	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-6RD	11/18/04		6.90	0.00	5.63	21.75	72	ND<0.50	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-6RD	02/04/05		5.99	0.00	6.54	21.68	66	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.2	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-6RD	05/12/05		6.04	0.00	6.49	21.77	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.5	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-6RD	08/05/05		6.53	0.00	6.00	21.81	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-6RD	11/23/05																	Well inaccessible
																		Well Abandoned
B-7					**Top of casing elevation (ft): 12.76**					**Screen Interval: 6 to 36**								
B-7	04/24/92		11.00	0.00	1.76	36.03	ND<500	ND	ND	ND	ND							
B-7	06/30/92		11.66	0.00	1.10	36.22	ND<500	ND	ND	ND	ND							
B-7	09/16/92		13.10	0.00	-0.34	36.20	ND<500	ND	ND	1.2	5.6							
B-7	01/12/93		12.34	0.00	0.42	36.08	ND<500	ND	ND	ND	1.3							
B-7	03/22/93		9.75	0.00	3.01	36.15	ND<500	5.5	ND	ND	ND							
B-7	05/03/93		9.56	0.00	3.20	36.10	ND<500	ND	ND	ND	ND							
B-7	07/21/93		10.57	0.00	2.19	35.93	ND<500	ND	ND	ND	ND							
B-7	10/25/93		12.26	0.00	0.50	35.95	ND<500	ND	ND	ND	ND							
B-7	12/03/93		11.90	0.00	0.86	35.90		ND										
B-7	02/02/94		11.07	0.00	1.69	35.85												
B-7	02/12/94		10.90	0.00	1.86	35.83												
B-7	02/19/94		10.84	0.00	1.92	35.83												
B-7	02/26/94		10.71	0.00	2.05	36.86	ND<500	ND	14	3	17.4							
B-7	03/10/94		10.23	0.00	2.53	35.86												
B-7	04/27/94		10.56	0.00	2.20	35.80	ND<500	2.6	7.2	2.2	10.8							
B-7	07/27/94		10.70	0.00	2.06	35.76	ND<500	ND	1.3	1.8	3.8							
B-7	08/17/94		10.93	0.00	1.83	35.73												
B-7	12/19/94		10.98	0.00	1.78	35.69	ND<500	ND	ND	ND	ND							
B-7	02/15/95		9.23	0.00	3.53	35.71	ND<500	ND	ND	ND	ND							
B-7	04/13/95		9.82	0.00	2.94	35.46	ND<500	ND	ND	ND	ND							
B-7	07/13/95		9.93	0.00	2.83	34.11	ND<500	ND	3.5	ND	5.8							
B-7	10/10/95																	Well inaccessible
B-7	01/24/96		10.57	0.00	2.19	34.12	ND<500	ND	ND	ND	ND							
B-7	04/22/96		9.15	0.00	3.61	34.14	ND<500	1.2	0.9	0.9	2.3	ND						
B-7	07/25/96		10.19	0.00	2.57	34.17	ND<500	ND	ND	ND	ND	ND<0.01						
B-7	02/17/97		9.23	0.00	3.53	34.14												
B-7	05/15/97		10.13	0.00	2.63	34.20												
B-7	09/11/97		12.18	0.00	0.58	34.28	ND<500	ND	0.5	ND	0.7	ND						
B-7	12/05/97		12.31	0.00	0.45	34.37												
B-7	02/27/98		8.83	0.00	3.93	34.32												
B-7	04/08/98		8.98	0.00	3.78	34.35												

TABLE 2
HISTORICAL GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
20001 Brookhurst Street, Huntington Beach

WELL	DATE GAUGED	DATE SAMPLED	DEPTH TO GW (feet)	SPH THICKN. (feet)	GW ELEV. (relative to MSL)	WELL DEPTH (feet)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL-BENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE 8020/8021 (ug/L)	MTBE 8260 (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	COMMENTS
B-7	08/17/98																	Well inaccessible
B-7	10/20/98		11.44	0.00	1.32	34.32												Not sampled
B-7	01/08/99																	Well inaccessible
B-7	04/01/99		10.49	0.00	2.27	34.26												Not sampled
B-7					**Top of casing elevation (ft): 14.93**													
B-7	07/02/99		10.92	0.00	4.01	34.32												Not sampled
B-7	10/22/99																	Well inaccessible
B-7	02/03/00		11.74	0.00	3.19	34.17												Not sampled
B-7	04/25/00		10.26	0.00	4.67	33.91	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<5.0						
B-7	07/24/00		12.21	0.00	2.72	34.35	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<5.0						
B-7	10/24/00		12.78	0.00	2.15	34.33												Not sampled
B-7	02/09/01		10.71	0.00	4.22	34.41												
B-7	03/06/01		9.22	0.00	5.71	34.39	ND<500	ND<0.50	ND<1.0	ND<1.0	ND<2.0		1.6	ND<50	ND<2.0	ND<2.0	ND<2.0	
B-7	06/29/01		10.35	0.00	4.58	34.36	ND<100	ND<0.50	ND<1.0	1.3	1.3		ND<1.0	ND<50	ND<2.0	ND<2.0	ND<2.0	
B-7	09/07/01																	Well Abandoned
B-8					**Top of casing elevation (ft): 10.53**					**Screen Interval: 7 to 32**								
B-8	04/24/92		8.12	0.00	2.41	32.05	1000	500	7	ND	10							Street well
B-8	06/30/92		8.90	0.00	1.63	32.15	ND<500	240	ND	10	7							
B-8	09/16/92		10.57	0.00	-0.04	32.11	6600	1284.9	26.5	126.9	140							
B-8	01/12/93		9.21	0.00	1.32	32.00	ND<500	96.9	1.7	4.4	4.1							
B-8	03/22/93		7.05	0.00	3.48	32.10	3300	843	24.1	59.3	42							
B-8	05/03/93		6.96	0.00	3.57	32.00	3900	1298.4	27.7	64.2	57.4							
B-8	07/21/93		7.75	0.00	2.78	31.87	2800	1495.6	20.2	71.8	48.9							
B-8	10/25/93		8.83	0.00	1.70	31.93	5100	1439.4	20.8	100.4	32.1							
B-8	12/03/93		8.62	0.00	1.91	34.86												
B-8	02/02/94																	
B-8	02/12/94		7.95	0.00	2.58	31.52												
B-8	02/19/94		7.60	0.00	2.93	31.56												
B-8	02/26/94		7.36	0.00	3.17	31.61	900	314.3	4.4	12.5	7.2							
B-8	03/10/94		7.20	0.00	3.33	31.77												
B-8	04/27/94		8.93	0.00	1.60	31.80	2000	587.5	11.1	6.2	13.7							
B-8	07/27/94		7.78	0.00	2.75	31.77	3100	1134.1	34.8	33.4	53.7							
B-8	08/17/94		7.98	0.00	2.55	31.78												
B-8	12/19/94		8.11	0.00	2.42	31.74	3800	937.7	21.5	39.5	37.7							
B-8	02/15/95		6.68	0.00	3.85	31.65	3500	914.5	11.1	23.1	21							
B-8	04/13/95		6.26	0.00	4.27	31.82	1800	1836.6	22.5	24.8	46.1							
B-8	07/13/95		7.00	0.00	3.53	31.81	4500	1109.9	48.5	66.4	85.1							
B-8	10/10/95		8.02	0.00	2.51	31.87	ND<500	122.3	1.4	3.1	2.7							
B-8	01/24/96		7.91	0.00	2.62	31.83	2400	0.5883*	11.6	17.5	14.3							
B-8	04/22/96		6.76	0.00	3.77	31.82	ND<500	64	1.6	1.8	2.1	20						
B-8	07/25/96		7.17	0.00	3.36	31.79	2000	420	9.9	19	22	ND						
B-8	02/17/97		6.66	0.00	3.87	31.73												
B-8	05/15/97		7.15	0.00	3.38	31.79												
B-8	09/11/97		8.49	0.00	2.04	31.77	540	120	6.3	3.3	6.5	ND						
B-8	12/05/97		8.70	0.00	1.83	31.71												
B-8	02/27/98		6.65	0.00	3.88	31.73												
B-8	04/08/98		6.08	0.00	4.45	31.74												
B-8	08/17/98		7.45	0.00	3.08	31.70	6000	8900	860	420	1000	100						
B-8	10/20/98		7.82	0.00	2.71	31.75												Not sampled
B-8	01/08/99		7.88	0.00	2.65	31.78												Not sampled
B-8	04/01/99		7.48	0.00	3.05	31.73												Not sampled

TABLE 2
HISTORICAL GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
20001 Brookhurst Street, Huntington Beach

WELL	DATE GAUGED	DATE SAMPLED	DEPTH TO GW (feet)	SPH THICKN. (feet)	GW ELEV. (relative to MSL)	WELL DEPTH (feet)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL-BENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE 8020/8021 (ug/L)	MTBE 8260 (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	COMMENTS
B-8					Top of casing elevation (ft): 12.71													
B-8	07/02/99		7.46	0.00	5.25	31.71												Not sampled
B-8	10/22/99		8.29	0.00	4.42	30.74												Not sampled
B-8	02/03/00		8.31	0.00	4.40	31.57												Not sampled
B-8	04/25/00		7.25	0.00	5.46	31.30	970	150	3.9	6.3	17	ND<5.0						
B-8	07/24/00		8.17	0.00	4.54	31.74	1200	230	5.3	7.3	13	ND<5.0						
B-8	10/24/00		8.61	0.00	4.10	31.68												Not sampled
B-8	02/09/01		7.71	0.00	5.00	31.77												
B-8	03/06/01		6.96	0.00	5.75	31.72	3300	740	10	17	12		ND<2.0	ND<100	ND<4.0	ND<4.0	ND<4.0	
B-8	06/29/01		7.00	0.00	5.71	31.73	2000	540	13	19	20		ND<10	ND<500	ND<20	ND<20	ND<20	
B-8	09/07/01		8.00	0.00	4.71	31.80	150	36	3	2	5		ND<2	ND<100	ND<10	ND<10	ND<10	
B-8	12/10/01		8.72	0.00	3.99	31.80	210	72	ND<1	2	1		ND<2	ND<500	ND<10	ND<10	ND<10	
B-8	02/06/02		8.78	0.00	3.93	31.95	140	38	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<50	ND<10	ND<10	ND<10	
B-8	05/16/02		8.38	0.00	4.33	31.65	210	76	2	3	6		ND<1.0	ND<50	ND<10	ND<10	ND<10	
B-8	08/02/02		8.73	0.00	3.98	31.65	90	13	ND<1	ND<1	ND<1.0		2	ND<50	ND<10	ND<10	ND<10	
B-8	11/07/02		8.65	0.00	4.06	31.78	180	52	1.9	1.0	2.2		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-8	02/04/03		8.05	0.00	4.66	31.78	240	44	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-8	05/07/03		7.09	0.00	5.62	31.78	590	150	2.9	1.4	3.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-8	08/08/03		8.34	0.00	4.37	31.78	240	76	1.2	ND<1.0	1.5		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-8	11/07/03		8.15	0.00	4.56	31.75	200	31	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-8	02/06/04		8.20	0.00	4.51	31.70	250	37	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-8	05/04/04		7.25	0.00	5.46	31.55	170	23	ND<1.0	ND<1.0	ND<1.0		1.5	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-8	08/05/04		7.45	0.00	5.26	31.75	490	110	6.5	ND<1.0	3.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-8	11/18/04		6.90	0.00	5.81	31.75	210	59	ND<1.0	ND<1.0	1.4		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-8	02/04/05		6.08	0.00	6.63	31.62	310	58	1.0	1.3	1.6		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-8	05/12/05		5.93	0.00	6.78	31.67	74	19	ND<1.0	ND<1.0	ND<1.0		1.6	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-8	08/05/05		6.42	0.00	6.29	31.70	330	48	ND<1.0	ND<1.0	1.2		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-8	11/23/05		6.48	0.00	6.23	31.70	75	4.3	ND<2.0	ND<2.0	ND<4.0		ND<5.0	ND<25	ND<5.0	ND<5.0	ND<5.0	
B-8	02/09/06		6.61	0.00	6.10	31.79	ND<50	1.1	ND<0.50	ND<0.50	ND<0.50		2.12	ND<10	ND<0.50	ND<0.50	ND<0.50	
B-8	05/09/06		6.23	0.00	6.48	31.82	130	ND<0.50	ND<0.50	ND<0.50	ND<1.0		8.40	ND<10	ND<1.0	ND<1.0	ND<1.0	
B-8	08/24/06		6.42	0.00	6.29	31.65	72	0.75	ND<1.0	ND<1.0	ND<1.0		2.3	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-8	11/17/06		6.64	0.00	6.07	31.70	ND<50	0.89	ND<0.50	ND<0.50	ND<1.0		ND<1.0	ND<10	ND<1.0	ND<1.0	ND<1.0	
B-8	03/02/07		6.70	0.00	6.01	31.60	ND<50	1.8	ND<0.50	ND<0.50	ND<1.0		2.2	ND<10	ND<1.0	ND<1.0	ND<1.0	
B-8	06/05/07																	Unable to locate
B-8	09/10/07		7.40	0.00	5.31	31.64	77	4.5	ND<0.50	ND<0.50	ND<1.0		ND<1.0	ND<10	ND<1.0	ND<1.0	ND<1.0	
B-8	10/29/07		7.32	0.00	5.39	31.69	67	15	ND<0.50	ND<0.50	ND<1.0		ND<1.0	ND<10	ND<1.0	ND<1.0	ND<1.0	
B-8	03/25/08		7.11	0.00	5.60	31.78	100	36.0	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-8	06/23/08		7.06	0.00	5.65	31.63	200	48	1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-8	09/02/08	09/03/08	7.15	0.00	5.56	31.71	130	30	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-8	12/11/08	12/11/08	7.42	0.00	5.29	31.78	99	23	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-8	03/04/09	03/04/09	6.73	0.00	5.98	31.69	120	27	ND<1.0	ND<1.0	ND<1.0		ND<1.0	16	ND<2.0	ND<2.0	ND<2.0	
B-8	06/02/09	06/02/09	7.23	0.00	5.48	31.79	160	30	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-8	07/28/09	07/28/09	7.60	0.00	5.11	31.66	140	17	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-8	11/06/09		7.86	0.00	4.85	31.60	70	8.6	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-8	03/03/10		6.62	0.00	6.09	31.60	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		2.5	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-8	06/01/10		7.25	0.00	5.46	31.68	130	18	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-8	08/31/10		6.97	0.00	5.74	31.73	ND<50	4.8	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-8	12/01/10		6.71	0.00	6.00	31.72	240	4.6	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-8	03/02/11																	Street well (inaccessible)
B-8	03/25/11	03/25/11	6.31	0.00	6.40	31.78	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		3.2	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-8	06/02/11	06/02/11	6.94	0.00	5.77	31.74	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		1.5	ND<10	ND<5.0	ND<5.0	ND<5.0	
B-8	09/06/11	09/06/11	7.95	0.00	4.76	31.81	558	22.4	0.57 J	ND<1.0	ND<2.0		ND<1.0	ND<10	ND<5.0	ND<5.0	ND<5.0	

TABLE 2
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SHELL-BRANDED SERVICE STATION
20001 Brookhurst Street, Huntington Beach

WELL	DATE GAUGED	DATE SAMPLED	DEPTH TO GW (feet)	SPH THICKN. (feet)	GW ELEV. (relative to MSL)	WELL DEPTH (feet)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL-BENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE 8020/8021 (ug/L)	MTBE 8260 (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	COMMENTS
B-8	03/05/12	03/05/12	6.61	0.00	6.10	30.85	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		2.5	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-8	09/11/12	09/11/12	6.55	0.00	6.16	31.81	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		2	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-9					**Top of casing elevation (ft): 10.45**					**Screen Interval: 7 to 32**								
B-9	04/24/92		9.03	0.00	1.42	31.55	ND<500	ND	ND	ND	ND							
B-9	06/30/92		9.90	0.00	0.55	31.70	ND<500	ND	ND	ND	ND							
B-9	09/16/92		11.21	0.00	-0.76	31.64	ND<500	1	ND	1	3.7							
B-9	01/12/93		10.43	0.00	0.02	31.50	ND<500	ND	ND	ND	2.4							
B-9	03/22/93		7.70	0.00	2.75	31.70	ND<500	ND	ND	ND	ND							
B-9	05/03/93		7.78	0.00	2.67	31.61	ND<500	ND	ND	ND	ND							
B-9	07/21/93		8.98	0.00	1.47	31.49	ND<500	ND	2.1	ND	3.2							
B-9	10/25/93		10.48	0.00	-0.03	31.51	ND<500	ND	ND	ND	ND							
B-9	12/03/93		10.05	0.00	0.40	31.52												
B-9	02/02/94		8.97	0.00	1.48	31.48												
B-9	02/12/94		8.89	0.00	1.56	30.79												
B-9	02/19/94		8.49	0.00	1.96	31.40												
B-9	02/26/94		8.34	0.00	2.11	31.44	ND<500	ND	ND	ND	ND							
B-9	03/10/94		8.07	0.00	2.38	31.51												
B-9	04/27/94		7.45	0.00	3.00	31.55	ND<500	1.5	3.4	1.3	6.5							
B-9	07/27/94		8.92	0.00	1.53	31.42	ND<500	ND	ND	ND	ND							
B-9	08/17/94		9.21	0.00	1.24	31.52												
B-9	12/19/94		9.06	0.00	1.39	31.50	ND<500	5.4	7.7	4.9	18							
B-9	02/15/95		7.29	0.00	3.16	31.48	ND<500	0.7	ND	ND	0.7							
B-9	04/13/95		7.08	0.00	3.37	31.58	ND<500	ND	ND	ND	ND							
B-9	07/13/95		8.42	0.00	2.03	31.62	2500	67	149.2	170.9	273.2							
B-9	10/10/95		9.92	0.00	0.53	31.66	ND<500	2.4	2.4	1.9	5.3							
B-9	01/24/96		9.29	0.00	1.16	31.62	ND<500	0.4	ND	ND	ND							
B-9	04/22/96		7.87	0.00	2.58	31.65	ND<500	0.3	ND	ND	ND							
B-9	07/25/96		10.24	0.00	0.21	31.62	ND<500	0.5	ND	ND	ND	ND						
B-9	02/17/97		7.95	0.00	2.50	31.58	9600	160	65	3.8	330	200						
B-9	05/15/97		9.03	0.00	1.42	31.60	ND<500	1.1	0.9	0.8	2.3	ND						
B-9	09/11/97		11.33	0.00	-0.88	31.62	ND<500	3.5	3.1	0.9	3.9	ND						
B-9	12/05/97		11.02	0.00	-0.57	31.55	ND<500	0.3	0.3	0.3	ND	ND<10						
B-9	02/27/98		7.99	0.00	2.46	31.61	ND<500	ND	ND	ND	ND	ND						
B-9	04/08/98		8.08	0.00	2.37	31.65	ND<500	0.7	1.1	0.5	2.2	ND						
B-9	08/17/98		10.28	0.00	0.17	31.65	ND<500	12	18	5.5	22	ND						
B-9	10/20/98		11.04	0.00	-0.59	31.70	ND<500	ND	ND	ND	ND	ND						
B-9	01/08/99		10.23	0.00	0.22	31.63	ND<500	0.85	ND<0.3	0.41	2.2	ND<10						
B-9	04/01/99		10.04	0.00	0.41	31.70	ND<500	0.82	0.40	ND<0.3	ND<0.6	12						
B-9					**Top of casing elevation (ft): 12.63**													
B-9	07/02/99		10.20	0.00	2.43	31.69	ND<500	0.70	ND<0.3	ND<0.3	ND<0.6	12						No purge sample
B-9	10/22/99		11.63	0.00	1.00	31.72	ND<500	0.4	ND<0.3	ND<0.3	ND<0.6	13						No purge sample
B-9	02/03/00		10.78	0.00	1.85	31.54	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<5.0						No purge sample
B-9	04/25/00		9.36	0.00	3.27	31.27	ND<500	1.4	ND<0.3	ND<0.3	ND<0.6	25						
B-9	07/24/00		10.78	0.00	1.85	31.73	ND<500	1.3	ND<0.3	ND<0.3	ND<0.6	20						
B-9	10/24/00		11.47	0.00	1.16	31.64	ND<500	2.9	ND<0.3	ND<0.3	ND<0.6	29						
B-9	11/28/00		11.23	0.00	1.40	31.70							28	ND<50	14	ND<2.0	ND<2.0	
B-9	02/09/01		10.08	0.00	2.55	31.75	ND<500	2.1	ND<1.0	ND<1.0	ND<2.0		38	ND<50	16	ND<2.0	ND<2.0	
B-9	03/06/01		8.29	0.00	4.34	31.72												
B-9	06/29/01		9.38	0.00	3.25	31.74	ND<100	1.4	ND<1.0	ND<1.0	ND<2.0		37	ND<50	18	ND<2.0	ND<2.0	
B-9	09/07/01		10.56	0.00	2.07	31.77	200	11	15	6	27		30	ND<100	14	ND<10	ND<10	
B-9	12/10/01		11.14	0.00	1.49	31.77	ND<50	ND<1	ND<1	ND<1	ND<1		24	ND<500	12	ND<10	ND<10	

TABLE 2
HISTORICAL GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
20001 Brookhurst Street, Huntington Beach

WELL	DATE GAUGED	DATE SAMPLED	DEPTH TO GW (feet)	SPH THICKN. (feet)	GW ELEV. (relative to MSL)	WELL DEPTH (feet)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL-BENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE 8020/8021 (ug/L)	MTBE 8260 (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	COMMENTS
B-9	02/06/02		11.48	0.00	1.15	31.78	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0		15	ND<50	ND<10	ND<10	ND<10	
B-9	05/16/02		11.10	0.00	1.53	31.70	60	ND<1.0	1	2	5		27	ND<50	ND<10	ND<10	ND<10	
B-9	08/02/02		11.11	0.00	1.52	31.70	80	ND<1	ND<1	ND<1	ND<1.0		69	ND<50	10	ND<10	ND<10	
B-9	11/07/02		11.14	0.00	1.49	31.75	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		32	110	8.0	ND<2.0	ND<2.0	
B-9	02/04/03		10.40	0.00	2.23	31.75	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		29	100	5.7	ND<2.0	ND<2.0	
B-9	05/07/03		8.85	0.00	3.78	31.75	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		19	93	5.0	ND<2.0	ND<2.0	
B-9	08/08/03		11.29	0.00	1.34	31.75	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		7.9	41	ND<2.0	ND<2.0	ND<2.0	
B-9	11/07/03		10.31	0.00	2.32	31.75	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		12	210	3.8	ND<2.0	ND<2.0	
B-9	02/06/04		9.90	0.00	2.73	31.70	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		13	110	3.7	ND<2.0	ND<2.0	
B-9	05/04/04		8.98	0.00	3.65	31.66	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		11	180	3.8	ND<2.0	ND<2.0	
B-9	08/05/04		9.35	0.00	3.28	31.64	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		7.5	74	2.6	ND<2.0	ND<2.0	
B-9	11/18/04		8.68	0.00	3.95	31.60	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		7.0	54	ND<2.0	ND<2.0	ND<2.0	
B-9	02/04/05		7.00	0.00	5.63	31.57	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		4.6	51	ND<2.0	ND<2.0	ND<2.0	
B-9	05/12/05		7.34	0.00	5.29	31.89	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		4.6	65	ND<2.0	ND<2.0	ND<2.0	
B-9	08/05/05		8.35	0.00	4.28	31.66	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0		3.1	60	ND<2.0	ND<2.0	ND<2.0	
B-9	11/23/05		7.90	0.00	4.73	31.67	ND<50	ND<0.50	ND<2.0	ND<2.0	ND<4.0		5.8	68	ND<5.0	ND<5.0	ND<5.0	
B-9	02/09/06		7.33	0.00	5.30	31.64	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50		7.61	15.6	3.05	ND<0.50	ND<0.50	
B-9	05/09/06		6.79	0.00	5.84	31.60	54	ND<0.50	ND<0.50	ND<0.50	ND<1.0		3.10	ND<10	ND<1.0	ND<1.0	ND<1.0	
B-9	08/24/06		7.71	0.00	4.92	31.51	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.2	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-9	11/17/06		8.20	0.00	4.43	31.59	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0		1.2	ND<10	ND<1.0	ND<1.0	ND<1.0	
B-9	03/02/07		7.94	0.00	4.69	31.50	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0		1.7	ND<10	ND<1.0	ND<1.0	ND<1.0	
B-9	06/05/07		8.45	0.00	4.18	31.65	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0		1.1	ND<10	ND<1.0	ND<1.0	ND<1.0	
B-9	09/10/07		9.60	0.00	3.03	31.73	ND<50	ND<0.50	ND<0.50	2.2	ND<1.0		1.3	ND<10	ND<1.0	ND<1.0	ND<1.0	
B-9	10/29/07		9.66	0.00	2.97	31.68	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0		2.0	ND<10	ND<1.0	ND<1.0	ND<1.0	
B-9	03/25/08		9.22	0.00	3.41	31.74	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.7	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-9	06/23/08		9.13	0.00	3.50	31.73	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.7	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-9	09/02/08	09/02/08	8.87	0.00	3.76	31.68	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.5	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-9	12/11/08	12/11/08	9.26	0.00	3.37	31.82	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.7	21	ND<2.0	ND<2.0	ND<2.0	
B-9	03/04/09	03/04/09	8.62	0.00	4.01	31.69	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.2	27	ND<2.0	ND<2.0	ND<2.0	
B-9	06/02/09	06/02/09	9.18	0.00	3.45	31.70	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.5	11	ND<2.0	ND<2.0	ND<2.0	
B-9	11/06/09		9.62	0.00	3.01	31.54	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.0	20	ND<2.0	ND<2.0	ND<2.0	
B-9	06/01/10		7.50	0.00	5.13	31.64	53	ND<0.50	ND<1.0	ND<1.0	ND<1.0		2.7	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-9	08/31/10		7.37	0.00	5.26	31.69	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		2.5	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-9	12/01/10		7.19	0.00	5.44	31.71	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.9	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-9	03/02/11	03/02/11	6.23	0.00	6.40	31.75	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		2.5	ND<10	0.85 J	ND<5.0	ND<5.0	
B-9	06/02/11	06/02/11	6.81	0.00	5.82	31.77	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		2	ND<10	0.88 J	ND<5.0	ND<5.0	
B-9	09/06/11	09/06/11	7.64	0.00	4.99	31.77	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		1.8	ND<10	0.63 J	ND<5.0	ND<5.0	
B-9	03/05/12	03/05/12	6.80	0.00	5.83	31.80	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		2.1	ND<10	0.55 J	ND<2.0	ND<2.0	
B-9	09/11/12	09/11/12	6.64	0.00	5.99	31.75	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		2.6	ND<10	1.4J	ND<2.0	ND<2.0	
B-10					**Top of casing elevation (ft): n/a.**					**Screen Interval: 6 to 21**								
B-10	12/20/96		8.78	0.00		20.37	3400	560	450	55	320							
B-10	02/17/97		7.69	0.00		20.44	31000	950	1700	1100	4500	130						
B-10	05/15/97		8.59	0.00		20.50	17000	3100	1300	250	840	ND						
B-10	09/11/97		9.65	0.00		20.50	11000	2000	1200	190	770	1600						
B-10	12/05/97		10.01	0.00		20.44	7000	500	550	120	420	2400	2550					
B-10	02/27/98		6.78	0.00		20.47	3400	280	53	ND	750	2000						
B-10	04/08/98		7.16	0.00		20.49	12000	2800	1500	270	1000	2000						
B-10	08/17/98		8.73	0.00		20.45	13000	3000	490	320	1200	150						
B-10	10/20/98		9.20	0.00		20.50	8100	1100	110	56	340	890						
B-10	01/08/99		9.36	0.00		20.45	5300	2100	150	120	880	4700						
B-10	04/01/99		9.11	0.00		20.48	13000	6100	110	540	380	6700						

TABLE 2
HISTORICAL GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
20001 Brookhurst Street, Huntington Beach

WELL	DATE GAUGED	DATE SAMPLED	DEPTH TO GW (feet)	SPH THICKN. (feet)	GW ELEV. (relative to MSL)	WELL DEPTH (feet)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL-BENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE 8020/8021 (ug/L)	MTBE 8260 (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	COMMENTS
B-10					**Top of casing elevation (ft): 13.13**													
B-10	07/02/99		9.01	0.00	4.12	20.46	7700	3100	30	260	230	3400						No purge sample
B-10	10/22/99		9.86	0.00	3.27	20.47	17000	2000	13	84	63	20000	16000					No purge sample
B-10	02/03/00		9.89	0.00	3.24	20.33	6000	1900	4.5	55	16	2200						No purge sample
B-10	04/25/00		8.72	0.00	4.41	20.00	7100	1200	44	91	210	7100						
B-10	07/24/00																	Car parked over well
B-10	10/24/00		9.90	0.00	3.23	20.43	25000	3400	33	94	280	32000						
B-10	11/28/00		9.94	0.00	3.19	20.46							4000	49000	ND<400	ND<400	ND<400	
B-10	02/09/01		8.93	0.00	4.20	20.50	7600	1800	ND<100	ND<100	110		4000	44000	ND<200	ND<200	ND<200	
B-10	03/06/01		7.31	0.00	5.82	20.47												
B-10	06/29/01		8.40	0.00	4.73	20.50	5700	1600	ND<100	ND<100	ND<200		890	53000	ND<200	ND<200	ND<200	
B-10	09/07/01		8.03	0.00	5.10	19.54	2500	650	36	21	68		100	87000	110	ND<10	ND<10	
B-10	12/10/01		8.90	0.00	4.23	19.54	6600	2600	13	29	42		190 J	79000	120	ND<10	ND<10	
B-10	02/06/02		10.10	0.00	3.03	19.54	15000	2200	43	43	71		160	60000	100	ND<10	ND<10	
B-10	05/16/02		10.12	0.00	3.01	19.41	8200	290	480	45	620		440	9300	19	ND<10	ND<10	Sampled from port
B-10	08/02/02		8.63	0.00	4.50	19.41	3100	800	5	12	15		220	20000	200 J	ND<10	ND<10	
B-10	11/07/02		8.99	0.00	4.14	19.61	350	150	ND<10	ND<10	13		19	1400	ND<20	ND<20	ND<20	
B-10	02/04/03		9.17	0.00	3.96	19.61	7100	2100	230	290	990		490	6800	70	ND<4.0	ND<4.0	
B-10	05/07/03		7.22	0.00	5.91	19.61	280	1.4	ND<1.0	1.4	12.3		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-10	08/08/03		9.54	0.00	3.59	19.61	7500	5100	56	110	30		250	9900	220	ND<40	ND<40	
B-10	11/07/03		8.64	0.00	4.49	19.48	2300	500	ND<5.0	21	ND<5.0		84	2300	73	ND<10	ND<10	
B-10	02/06/04		8.62	0.00	4.51	19.40	150	0.93	ND<1.0	ND<1.0	ND<1.0		ND<1.0	23	ND<2.0	ND<2.0	ND<2.0	
B-10	05/04/04		7.95	0.00	5.18	19.29	1200	390	36	54	68		16	120	14	ND<2.0	ND<2.0	
B-10	08/05/04		8.25	0.00	4.88	19.40	3000	860	20	55	75		110	410	72	ND<4.0	ND<4.0	
B-10	11/18/04		7.32	0.00	5.81	19.40	290	18	3.8	14	18		1.9	10	ND<2.0	ND<2.0	ND<2.0	
B-10	02/04/05		6.12	0.00	7.01	19.37	470	6.9	64	28	92		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-10	05/12/05		6.47	0.00	6.66	19.37	ND<50	1.3	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-10	08/05/05		7.29	0.00	5.84	19.40	1200	1000	22	36	61		13.0	47	28	ND<2.0	ND<2.0	
B-10	11/23/05		7.04	0.00	6.09	19.40	720	330	ND<10	ND<10	ND<20		33.0	330	28	ND<25	ND<25	
B-10	02/09/06		6.68	0.00	6.45	19.45	ND<50	119	1.06	0.82	0.85		29.80	384	21.20	ND<0.50	ND<0.50	
B-10	05/09/06		6.59	0.00	6.54	19.38	510	200.0	3.5	2.1	1.9		17	230	18	ND<1.0	ND<1.0	
B-10	08/24/06		7.35	0.00	5.78	19.20	3200	1100	21	64	35		170	460	64	ND<20	ND<20	
B-10	11/17/06		8.15	0.00	4.98	19.32	2800	940	ND<5.0	38	37		82	350	54	ND<10	ND<10	
B-10	03/02/07		8.12	0.00	5.01	19.32	2600	1200	11	63	52		100	320	72	ND<10	ND<10	
B-10	06/05/07		8.10	0.00	5.03	19.31	1200	640	ND<5.0	8.4	ND<10		63	ND<100	45	ND<10	ND<10	
B-10	09/10/07		6.22	0.00	6.91	19.34	1000	550	ND<5.0	5.7	ND<10		56	ND<100	52	ND<10	ND<10	
B-10	10/29/07		7.59	0.00	5.54	19.27	1200	520	ND<5.0	ND<5.0	ND<10		66	ND<100	64	ND<10	ND<10	
B-10	03/25/08		8.11	0.00	5.02	19.51	3300	790	13	110	14.9		ND<1.0	28	65	ND<2.0	ND<2.0	
B-10	06/23/08		7.12	0.00	6.01	19.45	1500	85	3.3	30	4.4		10	ND<10	12	ND<2.0	ND<2.0	
B-10	09/02/08	09/03/08	7.37	0.00	5.76	19.18	770	90	2.1	5.1	18.4		27	21	49	ND<2.0	ND<2.0	
B-10	12/11/08	12/11/08	7.91	0.00	5.22	19.41	1300	93	3.1	33	4.4		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-10	03/04/09	03/04/09	7.77	0.00	5.36	19.42	3800	270	19	170	43		ND<1.0	ND<10	12	ND<2.0	ND<2.0	
B-10	06/02/09	06/02/09	8.23	0.00	4.90	19.45	3700	210	21	51	24		5.4	ND<50	14	ND<10	ND<10	
B-10	07/28/09	07/28/09	8.57	0.00	4.56	19.41	1900	41	6.4	7.1	4.7		17	12	31	ND<2.0	ND<2.0	
B-10	11/06/09		8.94	0.00	4.19	19.51	1500	30	3.3	5.3	2.3		6.1	ND<10	8.4	ND<2.0	ND<2.0	
B-10	03/03/10		6.24	0.00	6.89	19.38	390	6.9	1.1	6.5	1.4		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-10	06/01/10		7.89	0.00	5.24	19.40	3900	220	27	72	41		18	10	26	ND<2.0	ND<2.0	
B-10	08/31/10		6.98	0.00	6.15	19.45	730	20	2.7	2.0	3.1		13	30	26	ND<2.0	ND<2.0	
B-10	12/01/10		6.66	0.00	6.47	19.41	390	0.65	ND<1.0	ND<1.0	ND<1.0		2.2	130	8.8	ND<2.0	ND<2.0	
B-10	03/02/11	03/02/11	5.47	0.00	7.66	19.38	100	ND<1.0	ND<1.0	ND<1.0	ND<2.0		ND<1.0	ND<10	ND<5.0	ND<5.0	ND<5.0	
B-10	06/02/11	06/02/11	6.00	0.00	7.13	19.50	175	2.2	ND<1.0	ND<1.0	ND<2.0		ND<1.0	ND<10	0.63 J	ND<5.0	ND<5.0	
B-10	09/06/11	09/06/11	6.67	0.00	6.46	19.50	185	8	0.70 J	ND<1.0	ND<2.0		ND<1.0	19.6	2.2 J	ND<5.0	ND<5.0	

TABLE 2
HISTORICAL GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
20001 Brookhurst Street, Huntington Beach

WELL	DATE GAUGED	DATE SAMPLED	DEPTH TO GW (feet)	SPH THICKN. (feet)	GW ELEV. (relative to MSL)	WELL DEPTH (feet)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL-BENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE 8020/8021 (ug/L)	MTBE 8260 (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	COMMENTS
B-10	03/05/12	03/05/12	6.53	0.00	6.60	19.54	58.1	1	ND<1.0	ND<1.0	ND<2.0		0.24 J	8.8 J	0.32 J	ND<2.0	ND<2.0	
B-10					Top of casing elevation (ft): 12.16													
B-10	09/11/12	09/11/12	6.98	0.00	5.18	19.49	145	4.9	ND<1.0	ND<1.0	ND<2.0		3.7	286	5.7	ND<2.0	ND<2.0	
B-11					Top of casing elevation (ft): 12.45					Screen Interval: 5 to 20								
B-11	06/29/01		7.21	0.00	5.24	20.56	ND<100	ND<0.50	ND<1.0	ND<1.0	ND<2.0		34	ND<50	ND<2.0	ND<2.0	ND<2.0	
B-11	09/07/01		7.66	0.00	4.79	20.48	230	9	19	6	21		42	ND<100	ND<10	ND<10	ND<10	
B-11	12/10/01		8.94	0.00	3.51	20.48	ND<50	ND<1	ND<1	ND<1	ND<1		34	ND<500	ND<10	ND<10	ND<10	
B-11	02/06/02		9.12	0.00	3.33	20.75	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0		30	ND<50	ND<10	ND<10	ND<10	
B-11	05/16/02		8.81	0.00	3.64	20.50	ND<50	4	2	2	5		20	72	ND<10	ND<10	ND<10	
B-11	08/02/02		8.46	0.00	3.99	20.50	ND<50	ND<1	ND<1	ND<1	ND<1.0		16	ND<50	ND<10	ND<10	ND<10	
B-11	11/07/02		8.75	0.00	3.70	20.53	ND<50	0.68	3.1	ND<1.0	4		8.5	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-11	02/04/03		8.82	0.00	3.63	20.53	ND<50	1.8	2.1	ND<1.0	1.0		7.8	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-11	05/07/03		7.23	0.00	5.22	20.53	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		5.7	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-11	08/08/03		9.17	0.00	3.28	20.53	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		9.5	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-11	11/07/03		8.39	0.00	4.06	20.45	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		5.6	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-11	02/06/04		8.40	0.00	4.05	20.45	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		9.6	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-11	05/04/04		7.64	0.00	4.81	20.45	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		7.5	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-11	08/05/04		7.83	0.00	4.62	20.43	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		4.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-11	11/18/04		7.12	0.00	5.33	20.50	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		5.2	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-11	02/04/05		6.10	0.00	6.35	20.40	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		5.7	20	ND<2.0	ND<2.0	ND<2.0	
B-11	05/12/05		6.13	0.00	6.32	20.40	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		9.6	43	ND<2.0	ND<2.0	ND<2.0	
B-11	08/05/05		6.78	0.00	5.67	20.44	ND<50	0.87	ND<1.0	ND<1.0	ND<1.0		6.3	29	ND<2.0	ND<2.0	ND<2.0	
B-11	11/23/05		6.88	0.00	5.57	20.41	ND<50	ND<0.50	ND<2.0	ND<2.0	ND<4.0		6.9	ND<25	ND<5.0	ND<5.0	ND<5.0	
B-11	02/09/06		6.56	0.00	5.89	20.51	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50		6.62	37.6	ND<0.50	ND<0.50	ND<0.50	
B-11	05/09/06		6.34	0.00	6.11	20.37	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0		7.00	13	ND<1.0	ND<1.0	ND<1.0	
B-11	08/24/06		6.96	0.00	5.49	20.35	54	ND<0.50	ND<1.0	ND<1.0	ND<1.0		5.4	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-11	11/17/06		7.45	0.00	5.00	20.37	ND<50	0.52	0.53	ND<0.50	ND<1.0		3.2	ND<10	ND<1.0	ND<1.0	ND<1.0	
B-11	03/02/07		7.50	0.00	4.95	20.30	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0		2.5	ND<10	ND<1.0	ND<1.0	ND<1.0	
B-11	06/05/07		7.41	0.00	5.04	20.23	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0		3.9	ND<10	ND<1.0	ND<1.0	ND<1.0	
B-11	09/10/07		7.75	0.00	4.70	20.38	ND<50	ND<0.50	ND<0.50	2.2	ND<1.0		3.6	ND<10	ND<1.0	ND<1.0	ND<1.0	
B-11	10/29/07		7.63	0.00	4.82	20.38	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0		4.5	ND<10	ND<1.0	ND<1.0	ND<1.0	
B-11	03/25/08		7.47	0.00	4.98	20.39	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		2.6	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-11	06/23/08		7.15	0.00	5.30	20.35	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		2.7	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-11	09/02/08		6.82	0.00	5.63	20.30	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		3.2	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-11	12/11/08	12/11/08	7.63	0.00	4.82	20.15	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.7	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-11	03/04/09	03/04/09	7.02	0.00	5.43	20.31	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.7	14	ND<2.0	ND<2.0	ND<2.0	
B-11	06/02/09	06/02/09	8.38	0.00	4.07	20.28	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.9	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-11	11/06/09		8.87	0.00	3.58	20.32	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.6	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-11	06/01/10		7.90	0.00	4.55	20.27	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.5	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-11	08/31/10		6.76	0.00	5.69	20.27	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.6	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-11	12/01/10		6.24	0.00	6.21	20.22	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-11	03/02/11																	Street well (inaccessible)
B-11	03/25/11	03/25/11	5.42	0.00	7.03	20.37	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-11	06/02/11	06/02/11	5.95	0.00	6.50	20.38	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		0.54 J	ND<10	ND<5.0	ND<5.0	ND<5.0	
B-11	09/06/11	09/06/11	6.51	0.00	5.94	20.37	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		ND<1.0	ND<10	ND<5.0	ND<5.0	ND<5.0	
B-11	03/05/12	03/05/12	6.28	0.00	6.17	20.41	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		1.3	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-11	09/11/12	09/11/12	6.98	0.00	5.47	20.37	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		2	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-12					Top of casing elevation (ft): 12.33					Screen Interval: 5 to 20								
B-12	06/29/01		7.93	0.00	4.40	20.13	19000	3300	2100	470	1890		1300	34000	180	ND<100	ND<100	
B-12	09/07/01		8.44	0.00	3.89	20.13	23000	3000	640	320	550		1500	35000	190 J	ND<10	ND<10	

TABLE 2
HISTORICAL GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
20001 Brookhurst Street, Huntington Beach

WELL	DATE GAUGED	DATE SAMPLED	DEPTH TO GW (feet)	SPH THICKN. (feet)	GW ELEV. (relative to MSL)	WELL DEPTH (feet)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL-BENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE 8020/8021 (ug/L)	MTBE 8260 (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	COMMENTS
B-12	12/10/01		9.28	0.00	3.05	20.13	9200	2800	120	300	470		580	48000	110	ND<10	ND<10	
B-12	02/06/02		9.50	0.00	2.83	20.08	13000	2400	110	180	450		470	46000	130	ND<10	ND<10	
B-12	05/16/02		9.30	0.00	3.03	20.05	12000	2800	180	550	430		440	46000	130	ND<10	ND<10	
B-12	08/02/02		9.07	0.00	3.26	20.05	11000	3000	390	250	360		440	11000	200	ND<10	ND<10	
B-12	11/07/02		9.39	0.00	2.94	20.13	4400	2400	75	49	65		280	18000	120	ND<20	ND<20	
B-12	02/04/03		9.10	0.00	3.23	20.13	1800	2200	240	77	150		210	11000	83	ND<40	ND<40	
B-12	05/07/03		7.68	0.00	4.65	20.13	4600	1900	570	160	690		130	7900	86	ND<40	ND<40	
B-12	08/08/03		9.15	0.00	3.18	20.13	1300	540	84	60	202		100	13000	81	ND<40	ND<40	
B-12	11/07/03		9.01	0.00	3.32	20.05	1700	810	37	99	221		92	3500	75	ND<40	ND<40	
B-12	02/06/04		9.04	0.00	3.29	20.05	1100	360	15	39	110		74	2700	73	ND<20	ND<20	
B-12	05/04/04		8.35	0.00	3.98	20.04	2200	940	76	94	331		97	3000	86	ND<10	ND<10	
B-12	08/05/04		8.52	0.00	3.81	20.10	4600	1700	47	210	614		100	2100	97	ND<10	ND<10	
B-12	11/18/04		7.78	0.00	4.55	20.10	4300	1900	170	210	757		93	1600	120.0	ND<20	ND<20	
B-12	02/04/05		6.30	0.00	6.03	19.97	4000	1500	370	180	570		86	1700	97.0	ND<40	ND<40	
B-12	05/12/05		6.66	0.00	5.67	20.00	2100	960	110	96	219		77	1600	92.0	ND<20	ND<20	
B-12	08/05/05		7.55	0.00	4.78	20.04	2000	1300	78	68	162		45	880	120	ND<20	ND<20	
B-12	11/23/05		7.44	0.00	4.89	20.06	1900	920	71	67	190		31	570	120	ND<5.0	ND<5.0	
B-12	02/09/06		7.34	0.00	4.99	20.10	4320	1040	29.7	76.8	167		37.60	209	87.70	ND<0.50	ND<0.50	
B-12	05/09/06		6.89	0.00	5.44	19.98	1700	570	14	74	120		24.00	320	60.00	ND<10	ND<10	
B-12	08/24/06		7.44	0.00	4.89	20.07	2500	1200	68	110	245		21	250	63	ND<20	ND<20	
B-12	11/17/06		7.99	0.00	4.34	20.01	900	270	1.7	31	43		9.5	92	60	ND<2.0	ND<2.0	
B-12	03/02/07		8.04	0.00	4.29	19.89	1200	570	9.0	45	71		12	34	61	ND<2.0	ND<2.0	
B-12	06/05/07		7.61	0.00	4.72	19.98	980	400	2.3	33	50		19	34	71	ND<2.0	ND<2.0	
B-12	09/10/07		8.38	0.00	3.95	19.98	700	380	2.6	35	37		16	ND<40	91	ND<4.0	ND<4.0	
B-12	10/29/07		8.10	0.00	4.23	20.05	410	100	ND<1.0	9.6	7.5		14	ND<20	66	ND<2.0	ND<2.0	
B-12	03/25/08		8.12	0.00	4.21	20.08	800	180	2.1	33	34		15	14	70	ND<2.0	ND<2.0	
B-12	06/23/08		7.54	0.00	4.79	20.05	1000	210	3.2	43	38.9		17	19	65	ND<2.0	ND<2.0	
B-12	09/02/08	09/02/08	7.05	0.00	5.28	20.02	240	14	ND<1.0	4.2	3.9		3.7	11	29	ND<2.0	ND<2.0	
B-12	12/11/08	12/11/08	8.17	0.00	4.16	19.98	280	11	ND<1.0	18	16.2		2.0	ND<10	20.0	ND<2.0	ND<2.0	
B-12	03/04/09	03/04/09	6.72	0.00	5.61	20.05	470	23	ND<1.0	13	12		1.9	22	17	ND<2.0	ND<2.0	
B-12	06/02/09	06/02/09	8.24	0.00	4.09	20.00	470	30	1.7	8.8	3.7		4.5	ND<10	25	ND<2.0	ND<2.0	
B-12	07/28/09	07/28/09	8.45	0.00	3.88	20.01	190	14	ND<1.0	3.4	1.1		5.3	ND<10	23	ND<2.0	ND<2.0	
B-12	11/06/09		8.81	0.00	3.52	20.12	340	7.7	ND<1.0	3.1	1.9		5.9	ND<10	24	ND<2.0	ND<2.0	
B-12	03/03/10		6.48	0.00	5.85	19.89	160	12	ND<1.0	3.1	2.5		3.4	ND<10	16	ND<2.0	ND<2.0	
B-12	06/01/10		7.48	0.00	4.85	19.91	270	9.5	ND<1.0	3.0	2.9		6.8	ND<10	29	ND<2.0	ND<2.0	
B-12	08/31/10		7.23	0.00	5.10	19.89	290	46	3.1	16	40		7.1	ND<10	35	ND<2.0	ND<2.0	
B-12	12/01/10		6.89	0.00	5.44	19.84	140	ND<0.50	ND<1.0	ND<1.0	ND<1.0		2.3	ND<10	8.8	ND<2.0	ND<2.0	
B-12	03/02/11																	Street well (inaccessible)
B-12	03/25/11	03/25/11	5.50	0.00	6.83	20.00	340	34	1.4	9.6	13		4.3	ND<10	15	ND<2.0	ND<2.0	
B-12	06/02/11	06/02/11	6.31	0.00	6.02	20.00	236	14.4	1.6	3.1	3.1		5.1	ND<10	20	ND<5.0	ND<5.0	
B-12	09/06/11	09/06/11	6.99	0.00	5.34	20.02	801	55.2	7	11.7	20		7.5	ND<10	35.6	ND<5.0	ND<5.0	
B-12	03/05/12	03/05/12	6.82	0.00	5.51	20.10	583	49.2	3.3	13.9	22.2		3.2	2.8 J	16.7	ND<2.0	ND<2.0	
B-12	09/11/12	09/11/12	7.32	0.00	5.01	19.99	1570	62.5	8	23.2	31.2		6.1	ND<20	25.2	ND<4.0	ND<4.0	
B-13					**Top of casing elevation (ft): 12.24**					**Screen Interval: 5 to 20**								
B-13	06/29/01		8.18	0.00	4.06	20.01	ND<100	0.69	ND<1.0	ND<1	ND<2		1.6	ND<50	ND<2.0	ND<2.0	ND<2.0	
B-13	09/07/01		8.65	0.00	3.59	19.93	ND<50	ND<1	1	ND<1	ND<1		ND<2	ND<100	ND<10	ND<10	ND<10	
B-13	12/10/01		9.31	0.00	2.93	19.93	ND<50	ND<1	ND<1	ND<1	ND<1		4	ND<500	ND<10	ND<10	ND<10	
B-13	02/06/02		9.52	0.00	2.72	20.20	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0		3	ND<50	ND<10	ND<10	ND<10	
B-13	05/16/02		9.27	0.00	2.97	19.90	ND<50	ND<1.0	1	2	4		4	ND<50	ND<10	ND<10	ND<10	
B-13	08/02/02		9.25	0.00	2.99	19.90	ND<50	ND<1	ND<1	ND<1	ND<1		3	ND<50	ND<10	ND<10	ND<10	
B-13	11/07/02		9.69	0.00	2.55	19.95	ND<50	0.77	3.8	ND<1.0	5		2.4	ND<10	ND<2.0	ND<2.0	ND<2.0	

TABLE 2
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SHELL-BRANDED SERVICE STATION
20001 Brookhurst Street, Huntington Beach

WELL	DATE GAUGED	DATE SAMPLED	DEPTH TO GW (feet)	SPH THICKN. (feet)	GW ELEV. (relative to MSL)	WELL DEPTH (feet)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL-BENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE 8020/8021 (ug/L)	MTBE 8260 (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	COMMENTS
B-13	02/04/03		9.23	0.00	3.01	19.95	ND<50	1.1	1.2	ND<1.0	ND<1.0		11	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-13	05/07/03		7.77	0.00	4.47	19.95	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		34	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-13	08/08/03		9.11	0.00	3.13	19.95	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		30	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-13	11/07/03		9.26	0.00	2.98	19.84	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		23	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-13	02/06/04		9.26	0.00	2.98	19.85	ND<50	0.62	ND<1.0	ND<1.0	ND<1.0		16	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-13	05/04/04		8.51	0.00	3.73	19.89	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		12	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-13	08/05/04		8.75	0.00	3.49	19.93	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		12	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-13	11/18/04		8.00	0.00	4.24	19.86	ND<50	0.84	ND<1.0	ND<1.0	ND<1.0		8.9	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-13	02/04/05		6.59	0.00	5.65	19.79	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		2.2	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-13	05/12/05		6.82	0.00	5.42	19.72	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.1	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-13	08/05/05		7.75	0.00	4.49	19.74	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0		1.9	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-13	11/23/05		7.81	0.00	4.43	19.80	ND<50	ND<0.50	ND<2.0	ND<2.0	ND<4.0		ND<5.0	ND<25	ND<5.0	ND<5.0	ND<5.0	
B-13	02/09/06		7.51	0.00	4.73	19.84	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50		2.35	ND<10	ND<0.50	ND<0.50	ND<0.50	
B-13	05/09/06		6.94	0.00	5.30	19.63	ND<50	0.53	ND<0.50	ND<0.50	ND<1.0		ND<1.0	ND<10	ND<1.0	ND<1.0	ND<1.0	
B-13	08/24/06		7.52	0.00	4.72	19.80	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.7	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-13	11/17/06		8.05	0.00	4.19	19.75	ND<50	ND<0.50	0.68	ND<0.50	ND<1.0		1.4	ND<10	ND<1.0	ND<1.0	ND<1.0	
B-13	03/02/07		8.21	0.00	4.03	19.75	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0		1.5	ND<10	ND<1.0	ND<1.0	ND<1.0	
B-13	06/05/07		7.96	0.00	4.28	19.50	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0		1.5	ND<10	ND<1.0	ND<1.0	ND<1.0	
B-13	09/10/07		8.41	0.00	3.83	19.71	ND<50	ND<0.50	ND<0.50	2.2	ND<1.0		1.8	ND<10	ND<1.0	ND<1.0	ND<1.0	
B-13	10/29/07		8.35	0.00	3.89	19.83	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0		1.4	ND<10	ND<1.0	ND<1.0	ND<1.0	
B-13	03/25/08		7.98	0.00	4.26	19.84	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.4	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-13	06/23/08		7.63	0.00	4.61	19.68	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		2.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-13	09/02/08	09/02/08	8.18	0.00	4.06	19.75	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.2	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-13	12/11/08	12/11/08	8.32	0.00	3.92	19.72	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-13	03/04/09	03/04/09	7.63	0.00	4.61	19.71	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.4	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-13	06/02/09	06/02/09	8.24	0.00	4.00	19.66	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		2.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-13	11/06/09		8.83	0.00	3.41	19.83	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.7	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-13	06/01/10		7.41	0.00	4.83	19.54	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.9	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-13	08/31/10		7.64	0.00	4.60	19.57	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.9	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-13	12/01/10		7.11	0.00	5.13	19.63	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.1	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-13	03/02/11																	Street well (inaccessible)
B-13	03/25/11	03/25/11	5.84	0.00	6.40	19.62	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.1	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-13	06/02/11	06/02/11	6.52	0.00	5.72	19.63	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		1.5	ND<10	ND<5.0	ND<5.0	ND<5.0	
B-13	09/06/11	09/06/11	7.21	0.00	5.03	19.62	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		1.4	ND<10	ND<5.0	ND<5.0	ND<5.0	
B-13	03/05/12	03/05/12	7.14	0.00	5.10	19.63	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		1.9	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-13	09/11/12	09/11/12	7.53	0.00	4.71	19.51	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		1.4	ND<10	ND<2.0	ND<2.0	ND<2.0	
DPE-2					**Top of casing elevation (ft): unknown**													
DPE-2	09/11/12	09/11/12	7.12	0.00		15.47	84900	7920	7990	2480	11200		ND<100	ND<1000	25.0J	ND<200	ND<200	
DPE-5					**Top of casing elevation (ft): unknown**													
DPE-5	09/11/12	09/11/12	7.18	0.00		16.88	1780	1.5J	ND<5.0	1.9J	ND<10		ND<5.0	ND<50	ND<10	ND<10	ND<10	
MW-1					**Top of casing elevation (ft): 13.63**					**Screen Interval: 5 to 20**								
MW-1	09/10/07		8.43	0.00	5.20	19.96	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0		ND<1.0	ND<10	1.6	ND<1.0	ND<1.0	
MW-1	10/29/07		8.27	0.00	5.36	19.93	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0		2.2	ND<10	2.4	ND<1.0	ND<1.0	
MW-1	03/25/08		8.03	0.00	5.60	19.78	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.6	ND<10	ND<2.0	ND<2.0	ND<2.0	
MW-1	06/23/08		7.91	0.00	5.72	19.91	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		ND<1.0	11	ND<2.0	ND<2.0	ND<2.0	
MW-1	09/02/08	09/02/08	7.83	0.00	5.80	19.96	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
MW-1	12/11/08	12/11/08	8.45	0.00	5.18	19.88	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
MW-1	03/04/09	03/04/09	7.89	0.00	5.74	19.88	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.2	ND<10	ND<2.0	ND<2.0	ND<2.0	
MW-1	06/02/09	06/02/09	8.55	0.00	5.08	19.95	340	7.1	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	

TABLE 2
HISTORICAL GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
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WELL	DATE GAUGED	DATE SAMPLED	DEPTH TO GW (feet)	SPH THICKN. (feet)	GW ELEV. (relative to MSL)	WELL DEPTH (feet)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL-BENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE 8020/8021 (ug/L)	MTBE 8260 (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	COMMENTS
MW-1	07/28/09	07/28/09	8.85	0.00	4.78	19.96	700	37	ND<1.0	1.0	ND<1.0		1.2	ND<10	ND<2.0	ND<2.0	ND<2.0	
MW-1	11/06/09		9.02	0.00	4.61	19.98	1100	38	ND<1.0	1.6	2.2		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
MW-1	03/03/10		7.27	0.00	6.36	19.87	210	1.8	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
MW-1	06/01/10		8.25	0.00	5.38	19.92	560	15	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
MW-1	08/31/10		7.95	0.00	5.68	19.97	640	120	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
MW-1	12/01/10		7.41	0.00	6.22	19.92	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
MW-1	03/02/11	03/02/11	6.68	0.00	6.95	20.00	20.7 J	ND<1.0	ND<1.0	ND<1.0	ND<2.0		ND<1.0	ND<10	ND<5.0	ND<5.0	ND<5.0	
MW-1	06/02/11	06/02/11	7.17	0.00	6.46	20.05	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		0.64 J	ND<10	0.72 J	ND<5.0	ND<5.0	
MW-1	09/06/11	09/06/11	7.92	0.00	5.71	20.11	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		ND<1.0	ND<10	0.70 J	ND<5.0	ND<5.0	
MW-1	03/05/12	03/05/12	7.39	0.00	6.24	20.18	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		ND<1.0	ND<10	0.46 J	ND<2.0	ND<2.0	
MW-1	09/11/12	09/11/12	7.92	0.00	5.71	20.15	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		ND<1.0	ND<10	0.45J	ND<2.0	ND<2.0	
MW-2					**Top of casing elevation (ft): 12.31**					**Screen Interval: 5 to 20**								
MW-2	10/17/07		8.67	0.00	3.64	19.02												
MW-2	10/29/07		8.44	0.00	3.87	20.10	180	ND<0.50	ND<0.50	ND<0.50	ND<1.0		1.0	ND<10	ND<1.0	ND<1.0	ND<1.0	
MW-2	03/25/08		7.98	0.00	4.33	19.87	330	ND<0.50	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
MW-2	06/23/08		7.90	0.00	4.41	19.38	350	ND<0.50	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
MW-2	09/02/08	09/03/08	7.97	0.00	4.34	19.08	270	ND<0.50	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
MW-2	12/11/08	12/11/08	8.40	0.00	3.91	19.05	350	ND<0.50	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
MW-2	03/04/09	03/04/09	7.76	0.00	4.55	19.05	470	ND<0.50	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
MW-2	06/02/09	06/02/09	8.11	0.00	4.20	19.00	350	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.4	ND<10	ND<2.0	ND<2.0	ND<2.0	
MW-2	07/28/09	07/28/09	8.42	0.00	3.89	19.00	430	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.7	ND<10	ND<2.0	ND<2.0	ND<2.0	
MW-2	11/06/09		8.69	0.00	3.62	19.02	470	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
MW-2	03/03/10		7.05	0.00	5.26	18.91	330	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.3	ND<10	ND<2.0	ND<2.0	ND<2.0	
MW-2	06/01/10		7.41	0.00	4.90	18.95	390	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.8	ND<10	ND<2.0	ND<2.0	ND<2.0	
MW-2	08/31/10		7.72	0.00	4.59	18.99	120	0.69	ND<1.0	ND<1.0	ND<1.0		1.4	ND<10	ND<2.0	ND<2.0	ND<2.0	
MW-2	12/01/10		7.31	0.00	5.00	19.03	99	ND<0.50	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
MW-2	03/02/11																	Street well (inaccessible)
MW-2	03/25/11	03/25/11	6.26	0.00	6.05	19.10	59	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.6	ND<10	ND<2.0	ND<2.0	ND<2.0	
MW-2	06/02/11	06/02/11	6.61	0.00	5.70	19.26	406	0.75 J	ND<2.0	ND<2.0	ND<4.0		1.5 J	ND<20	ND<10	ND<10	ND<10	
MW-2	09/06/11	09/06/11	7.22	0.00	5.09	19.64	308	ND<1.0	ND<1.0	ND<1.0	ND<2.0		0.74 J	ND<10	ND<5.0	ND<5.0	ND<5.0	
MW-2	03/05/12	03/05/12	7.29	0.00	5.02	19.68	237	0.23 J	ND<1.0	ND<1.0	ND<2.0		0.82 J	ND<10	0.24 J	ND<2.0	ND<2.0	
MW-2	09/11/12	09/11/12	7.56	0.00	4.75	19.74	267	ND<1.0	ND<1.0	ND<1.0	ND<2.0		0.59J	ND<10	ND<2.0	ND<2.0	ND<2.0	
MW-3					**Top of casing elevaiton (ft): 12.56**					**Screen Interval: 5 to 20**								
MW-3	07/09/09	07/09/09	8.68	0.00	3.88	18.28												
MW-3	07/28/09	07/28/09	8.77	0.00	3.79	19.90	110	ND<0.50	ND<1.0	ND<1.0	ND<1.0		4.6	ND<10	ND<2.0	ND<2.0	ND<2.0	
MW-3					**Top of casing elevaiton (ft): 12.56**													
MW-3	11/06/09		8.98	0.00	3.58	19.26	52	ND<0.50	ND<1.0	ND<1.0	ND<1.0		4.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
MW-3	03/03/10		6.86	0.00	5.70	18.73	96	ND<0.50	ND<1.0	ND<1.0	ND<1.0		4.3	ND<10	ND<2.0	ND<2.0	ND<2.0	
MW-3	06/01/10		7.65	0.00	4.91	18.71	100	ND<0.50	ND<1.0	ND<1.0	ND<1.0		4.4	ND<10	ND<2.0	ND<2.0	ND<2.0	
MW-3	08/31/10		7.63	0.00	4.93	18.51	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		3.7	ND<10	ND<2.0	ND<2.0	ND<2.0	
MW-3	12/01/10		7.34	0.00	5.22	18.39	100	ND<0.50	ND<1.0	ND<1.0	ND<1.0		2.4	ND<10	ND<2.0	ND<2.0	ND<2.0	
MW-3	03/02/11	03/02/11	6.04	0.00	6.52	18.40	114	ND<1.0	ND<1.0	ND<1.0	ND<2.0		2.3	ND<10	1.3 J	ND<5.0	ND<5.0	
MW-3	06/02/11	06/02/11	6.44	0.00	6.12	18.32	125	ND<1.0	ND<1.0	ND<1.0	ND<2.0		2.1	ND<10	2.4 J	ND<5.0	ND<5.0	
MW-3	09/06/11	09/06/11	6.95	0.00	5.61	18.15	69.3	ND<1.0	ND<1.0	ND<1.0	ND<2.0		1.9	ND<10	0.78 J	ND<5.0	ND<5.0	
MW-3	03/05/12	03/05/12	6.81	0.00	5.75	18.16	79.3	ND<1.0	ND<1.0	ND<1.0	ND<2.0		2.1	ND<10	2.6	ND<2.0	ND<2.0	
MW-3	09/11/12	09/11/12	7.28	0.00	5.28	17.93	63.3	ND<1.0	ND<1.0	ND<1.0	ND<2.0		2.4	ND<10	5.3	ND<2.0	ND<2.0	
MW-4A					**Top of casing elevation (ft): 12.04**					**Screen Interval: Unknown**								
MW-4A	07/03/12		6.79	0.00	5.25	13.42												Well Development
MW-4A	07/03/12		6.79	0.00	5.25	13.42												Well Development

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20001 Brookhurst Street, Huntington Beach

WELL	DATE GAUGED	DATE SAMPLED	DEPTH TO GW (feet)	SPH THICKN. (feet)	GW ELEV. (relative to MSL)	WELL DEPTH (feet)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL-BENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE 8020/8021 (ug/L)	MTBE 8260 (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	COMMENTS
MW-4A	07/06/12	07/06/12	6.83	0.00	5.21	14.70	1080	72.8	1.1 J	35.4	3.5 J		10.5	31.5	14.1	ND<4.0	ND<4.0	
MW-4A	07/06/12	07/06/12	6.83	0.00	5.21	14.70	1080	72.8	1.1 J	35.4	3.5 J		10.5	31.5	14.1	ND<4.0	ND<4.0	
MW-4A	09/11/12	09/11/12	7.25	0.00	4.79	14.71	1130	92.9	0.96J	58.7	3.2J		5.5	7.9J	10.3	ND<4.0	ND<4.0	
MW-4B					**Top of casing elevation (ft): 12.29**					**Screen Interval: Unknown**								
MW-4B	07/03/12		7.16	0.00	5.13	22.03												Well Development
MW-4B	07/03/12		7.16	0.00	5.13	22.03												Well Development
MW-4B	07/06/12	07/06/12	7.31	0.00	4.98	24.56	ND<100	1.4 J	ND<2.0	ND<2.0	ND<4.0		6.1	606	4.5	ND<4.0	ND<4.0	
MW-4B	07/06/12	07/06/12	7.31	0.00	4.98	24.56	ND<100	1.4 J	ND<2.0	ND<2.0	ND<4.0		6.1	606	4.5	ND<4.0	ND<4.0	
MW-4B	09/11/12	09/11/12	7.60	0.00	4.69	24.59	ND<100	0.71J	ND<2.0	ND<2.0	ND<4.0		5.4	462	4.1	ND<4.0	ND<4.0	
MW-4C					**Top of casing elevation (ft): 12.18**					**Screen Interval: Unknown**								
MW-4C	07/03/12		6.30	0.00	5.88	29.32												Well Development
MW-4C	07/03/12		6.30	0.00	5.88	29.32												Well Development
MW-4C	07/06/12	07/06/12	5.43	0.00	6.75	34.62	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
MW-4C	07/06/12	07/06/12	5.43	0.00	6.75	34.62	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
MW-4C	09/11/12	09/11/12	4.92	0.00	7.26	34.50	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
MW-5A					**Top of casing elevation (ft): 13.48**					**Screen Interval: Unknown**								
MW-5A	07/03/12		10.48	0.00	3.00	11.30												Well Development
MW-5A	07/03/12		10.48	0.00	3.00	11.30												Well Development
MW-5A	07/06/12	07/06/12	7.85	0.00	5.63	14.31	42100	2250	6320	1040	6450		ND<100	ND<1000	ND<200	ND<200	ND<200	
MW-5A	07/06/12	07/06/12	7.85	0.00	5.63	14.31	42100	2250	6320	1040	6450		ND<100	ND<1000	ND<200	ND<200	ND<200	
MW-5A	09/11/12	09/11/12	8.32	0.00	5.16	14.32	35000	1720	3640	980	4890		ND<100	ND<1000	ND<200	ND<200	ND<200	
MW-5B					**Top of casing elevation (ft): 13.63**					**Screen Interval: Unknown**								
MW-5B	07/03/12		8.95	0.00	4.68	19.20												Well Development
MW-5B	07/03/12		8.95	0.00	4.68	19.20												Well Development
MW-5B	07/06/12	07/06/12	8.04	0.00	5.59	24.42	14200	181	1110	609	3040		7.4 J	272	ND<40	ND<40	ND<40	
MW-5B	07/06/12	07/06/12	8.04	0.00	5.59	24.42	14200	181	1110	609	3040		7.4 J	272	ND<40	ND<40	ND<40	
MW-5B	09/11/12	09/11/12	10.32	0.00	3.31	24.43	4720	96.4	6.3J	446	682		6.8J	273	ND<40	ND<40	ND<40	
MW-5C					**Top of casing elevation (ft): 13.72**					**Screen Interval: Unknown**								
MW-5C	07/03/12		7.38	0.00	6.34	26.35												Well Development
MW-5C	07/03/12		7.38	0.00	6.34	26.35												Well Development
MW-5C	07/06/12	07/06/12	7.83	0.00	5.89	32.87	28.3 J	0.21 J	0.72 J	0.52 J	2.7		1.3	5.9 J	ND<2.0	ND<2.0	ND<2.0	
MW-5C	07/06/12	07/06/12	7.83	0.00	5.89	32.87	28.3 J	0.21 J	0.72 J	0.52 J	2.7		1.3	5.9 J	ND<2.0	ND<2.0	ND<2.0	
MW-5C	09/11/12	09/11/12	8.05	0.00	5.67	32.64	ND<50	ND<1.0	0.21J	0.39J	0.75J		1.2	ND<10	ND<2.0	ND<2.0	ND<2.0	
VEW-2					**Top of casing elevation (ft): n/a.**					**Screen Interval: 5 to 20**								
VEW-2	12/03/93		9.76	0.00		19.25	22	1276.8	3877.1	1531.3	4176.3							
VEW-2	02/02/94		9.64	0.00		19.28												
VEW-2	02/12/94		9.37	0.00		19.14												
VEW-2	02/19/94		9.30	0.00		19.15												
VEW-2	02/26/94		9.04	0.00		19.21	36	1557.1	6040.6	1504.8	6190.3							
VEW-2	03/10/94		8.64	0.00		19.32												
VEW-2	04/27/94		8.35	0.00		19.30	43	1732.6	6854.8	1859.7	8924.6							
VEW-2	07/27/94		8.91	0.00		19.85	38	1369	6766.6	1940.3	9372.1							
VEW-2	08/17/94		9.11	0.00		20.01												
VEW-2	12/19/94		9.51	0.00		19.90	98	3652.4	12132.3	4881.7	17202.1							
VEW-2					**Top of casing elevaiton (ft): 11.70**													
VEW-2	02/15/95		7.50	0.00	4.20	20.08	35.7	1259.6	5146.1	1771.3	7595.6							

TABLE 2
HISTORICAL GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
20001 Brookhurst Street, Huntington Beach

WELL	DATE GAUGED	DATE SAMPLED	DEPTH TO GW (feet)	SPH THICKN. (feet)	GW ELEV. (relative to MSL)	WELL DEPTH (feet)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL-BENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE 8020/8021 (ug/L)	MTBE 8260 (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	COMMENTS
VEW-2	04/13/95		7.40	0.00	4.30	20.43	4	4596.6	9236.1	3000.6	13419.5							
VEW-2	07/13/95		7.70	0.00	4.00	20.16	53	1796.4	7183.7	2825.4	11877.5							
VEW-2	10/10/95		8.72	0.00	2.98	20.41	44	1256.9	4927	2069.8	8510.8							
VEW-2	01/24/96		8.58	0.00	3.12	20.41	32	955.3	3472.6	1139	7196.7							
VEW-2	04/22/96		7.45	0.00	4.25	20.59	51	1400	5600	2400	10000	150						
VEW-2	07/25/96		7.37	0.00	4.33	20.40	44	870	3000	2000	7300	80						
VEW-2	02/17/97		7.25	0.00	4.45	20.53	17	500	700	180	2300	130						
VEW-2	05/15/97		7.58	0.00	4.12	20.59	34	1100	1300	2000	6800	ND						
VEW-2					**Top of casing elevation (ft): 11.33**													
VEW-2	09/11/97																	ORC sock in well
VEW-2	12/05/97																	ORC sock in well
VEW-2	02/27/98		6.76	0.00	4.57	20.58	17	520	690	1000	3100	80						
VEW-2	04/08/98		6.74	0.00	4.59	20.59	19	580	790	1200	3400	70						
VEW-2	08/17/98		8.18	0.00	3.15	20.60	19	9600	7100	15000	45000	ND						
VEW-2	10/20/98		8.69	0.00	2.64	20.61	11000	1100	360	780	2300	ND						
VEW-2	01/08/99		8.79	0.00	2.54	10.96	18000	230	150	530	1200	91						ORC sock in well
VEW-2	04/01/99		8.81	0.00	2.52	11.00	15000	780	330	1700	2400	210						
VEW-2					**Top of casing elevation (ft): 13.39**													
VEW-2	07/02/99		8.30	0.00	5.09	10.88	9700	570	200	1400	1700	77						No purge sample
VEW-2	10/22/99		9.58	0.00	3.81		12000	610	170	1300	1500	ND<50						ORC sock in well
VEW-2	02/03/00		9.60	0.00	3.79	10.80	10000	500	110	1000	1200	66						No purge sample
VEW-2	04/25/00		8.51	0.00	4.88	10.47	13000	570	110	1200	1300	ND<50						
VEW-2	07/24/00		9.24	0.00	4.15	10.90	9000	430	72	910	740	77						
VEW-2	10/24/00		9.18	0.00	4.21	10.85	12000	650	87	1300	910	740						ORC stuck in well
VEW-2	11/28/00		9.44	0.00	3.95	10.90							22	ND<500	56	ND<20	ND<20	ORC stuck in well
VEW-2	02/09/01		8.81	0.00	4.58	9.96	13000	920	130	1900	1820		99	ND<500	51	ND<20	ND<20	
VEW-2	03/06/01		7.03	0.00	6.36	10.91												ORC sock stuck in well
VEW-2	06/29/01		7.79	0.00	5.60	10.93	16000	770	130	1900	1870		650	1000	50	ND<20	ND<20	
VEW-2	09/07/01		7.72	0.00	5.67	10.58	8800	340	41	730	440		550	1400	29	ND<10	ND<10	
VEW-2	12/10/01		8.88	0.00	4.51	10.58	11000	350	130	1000	1010		310	380 J	24	ND<10	ND<10	
VEW-2	02/06/02		9.34	0.00	4.05	10.58	12000	390	150	880	900		250	280	20	ND<10	ND<10	
VEW-2	05/16/02		8.80	0.00	4.59	10.25	7900	810	500	100	1040		1700	64000	42	ND<10	ND<10	Sampled from port
VEW-2	08/02/02		8.50	0.00	4.89	10.25	5200	330	33	560	540		150	100	20	ND<10	ND<10	
VEW-2	11/07/02		8.76	0.00	4.63	10.65	5200	350	32	670	424		160	ND<200	ND<40	ND<40	ND<40	
VEW-2	02/04/03		8.54	0.00	4.85	10.65	6000	290	29	700	370		130	140	ND<20	ND<20	ND<20	
VEW-2	05/07/03		7.26	0.00	6.13	10.65	5500	320	39	880	526		170	290	11	ND<10	ND<10	
VEW-2	08/08/03		9.10	0.00	4.29	10.65	4300	93	24	510	237		110	300	ND<20	ND<20	ND<20	
VEW-2	11/07/03		8.54	0.00	4.85	10.80	3600	86	12	280	97		100	180	ND<10	ND<10	ND<10	
VEW-2	02/06/04		8.58	0.00	4.81	10.85	4500	160	11	300	108		130	210	7.9	ND<4.0	ND<4.0	
VEW-2	05/04/04		7.60	0.00	5.79	10.71	3700	180	7.3	350	70		150	360	10	ND<4.0	ND<4.0	
VEW-2	08/05/04		7.63	0.00	5.76	10.75	5100	210	8.6	440	80.5		190	490	9.8	ND<4.0	ND<4.0	
VEW-2	11/18/04		7.15	0.00	6.24	10.85	4000	150	5.3	230	12		120	410	ND<10	ND<10	ND<10	
VEW-2	02/04/05		6.14	0.00	7.25	10.81	3300	140	4.0	140	8.8		110	350	8.0	ND<4.0	ND<4.0	
VEW-2	05/12/05		6.15	0.00	7.24	10.85	2600	130	3.5	110	5.2		91	480	7.5	ND<2.0	ND<2.0	
VEW-2	08/05/05		6.80	0.00	6.59	10.58	3000	120	4.4	110	6.6		85	310	6.4	ND<2.0	ND<2.0	
VEW-2	11/23/05		6.94	0.00	6.45	10.64	2100	110	3.0	34	ND<4.0		100	270	9.2	ND<5.0	ND<5.0	
VEW-2	02/09/06		7.23	0.00	6.16	10.59	5950	121	3.35	58.2	8.01		96.80	243	8.25	ND<0.50	ND<0.50	
VEW-2	05/09/06		6.34	0.00	7.05	10.88	3700	95	3.2	42	6		78.00	270	8.00	ND<2.0	ND<2.0	
VEW-2	08/24/06		6.79	0.00	6.60	10.46	3700	110	3.5	48	4.5		71	310	6.1	ND<2.0	ND<2.0	
VEW-2	11/17/06		7.23	0.00	6.16	10.92	3800	110	3.9	66	7.2		72	420	5.2	ND<1.0	ND<1.0	
VEW-2	03/02/07		7.35	0.00	6.04	10.83	3900	83	2.8	55	6.4		73	260	6.1	ND<1.0	ND<1.0	
VEW-2	06/05/07		7.13	0.00	6.26	10.83	3800	76	2.7	42	5.5		51	220	4.2	ND<1.0	MD<1.0	

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VEW-2	09/10/07		7.65	0.00	5.74	10.43	3600	110	3.7	68	8.4		64	260	5.5	ND<2.0	ND<2.0	
VEW-2	10/29/07		7.48	0.00	5.91	10.42	3300	78	3.9	38	6.9		55	230	4.4	ND<1.0	ND<1.0	
VEW-2	03/25/08		7.34	0.00	6.05	10.40	2900	68	2.7	34	4.3		51	270	3.4	ND<2.0	ND<2.0	
VEW-2	06/23/08		7.10	0.00	6.29	10.49	3400	72	3.3	42	4.7		51	370	3.3	ND<2.0	ND<2.0	
VEW-2	09/02/08	09/03/08	6.97	0.00	6.42	10.83	3200	110	4.8	35	4.8		48	240	4.6	ND<2.0	ND<2.0	
VEW-2	12/11/08	12/11/08	7.60	0.00	5.79	10.84	3100	78	ND<5.0	47	ND<5.0		42	200	ND<10	ND<10	ND<10	
VEW-2	03/04/09	03/04/09	7.30	0.00	6.09	10.85	4000	64	ND<5.0	51	ND<5.0		33	150	ND<10	ND<10	ND<10	
VEW-2	06/02/09	06/02/09	7.75	0.00	5.64	10.80	2900	63	3.8	56	5.2		36	200	ND<4.0	ND<4.0	ND<4.0	
VEW-2	07/28/09	07/28/09	8.21	0.00	5.18	10.91	3700	61	2.2	57	4.1		32	180	ND<4.0	ND<4.0	ND<4.0	
VEW-2	11/06/09		8.34	0.00	5.05	10.47	3600	39	2.0	25	3.3		21	140	ND<4.0	ND<4.0	ND<4.0	
VEW-2	03/03/10		6.36	0.00	7.03	10.50	3000	52	2.6	18	2.8		34	160	ND<4.0	ND<4.0	ND<4.0	
VEW-2	06/01/10		7.46	0.00	5.93	10.48	4600	100	5.6	58	6.7		35	150	4.3	ND<2.0	ND<2.0	
VEW-2	08/31/10		7.08	0.00	6.31	10.94	3700	79	3.3	28	4.8		38	160	4.5	ND<4.0	ND<4.0	
VEW-2	12/01/10		6.54	0.00	6.85	10.82	2400	100	5.2	20	4.6		16	69	2.7	ND<2.0	ND<2.0	
VEW-2	03/02/11	03/02/11	5.75	0.00	7.64	10.50	1480	31.7	ND<5.0	9.7	ND<10		19.9	68.7	3.5 J	ND<25	ND<25	
VEW-2	06/02/11	06/02/11	6.30	0.00	7.09	10.66	2640	217	7.8	45.4	6.8 J		43.3	287	7.7 J	ND<25	ND<25	
VEW-2	09/06/11	09/06/11	7.02	0.00	6.37	10.85	3070	227	10.7	76.1	11.6		43.4	289	5.9 J	ND<25	ND<25	
VEW-2	03/05/12	03/05/12	6.54	0.00	6.85	10.55	3050	102	4.7 J	16.9	4.4 J		36.9	280	6.4 J	ND<10	ND<10	
VEW-2	09/11/12	09/11/12	7.20	0.00	6.19	10.59	1800	24.7	2.5J	5.8	3.1		24.9	203	4.8J	ND<10	ND<10	
VEW-3					**Top of casing elevation (ft): n/a.**						**Screen Interval: 4 to 9**							
VEW-3	12/03/93					8.79												Well dry
VEW-3	02/02/94		8.60	0.00		8.82												
VEW-3	02/12/94		10.65	0.00		8.79												
VEW-3	02/19/94		8.80	0.00		8.78												
VEW-3	02/26/94		8.83	0.00		8.83												
VEW-3	03/10/94		8.80	0.00		8.80												
VEW-3	04/27/94					8.80												Well dry
VEW-3	07/27/94					8.78												Well dry
VEW-3	08/17/94					8.82												Well dry
VEW-3	12/19/94					8.81												Well dry
VEW-3	02/15/95		7.95	0.00		8.82												Insufficient water column
VEW-3	04/13/95		7.82	0.00		8.80	29300	2091.9	959.9	1188.2	7762.3							
VEW-3	07/13/95																	Well covered with asphalt
VEW-3	04/22/96																	Well covered with asphalt
VEW-3	07/25/96																	Well covered with asphalt
VEW-3	05/15/97																	Well covered with asphalt
VEW-3	09/11/97																	Well covered with asphalt
VEW-3	12/05/97																	Well covered with asphalt
VEW-3	02/27/98																	Well covered with asphalt
VEW-3	04/08/98																	Well covered with asphalt
VEW-3	08/17/98																	Well covered with asphalt
VEW-3	10/20/98																	Well covered with asphalt
VEW-3	01/08/99																	Well covered with asphalt
VEW-3	04/01/99																	Well covered with asphalt
VEW-3	07/02/99																	Well destroyed
VEW-4					**Top of casing elevation (ft): n/a.**						**Screen Interval: 7 to 22**							
VEW-4	12/03/93		11.07	0.00		21.38	22000	4400	2837.1	1233.1	2791.5							
VEW-4	02/02/94		10.94	0.00		21.27												
VEW-4	02/12/94		10.74	0.00		20.72												
VEW-4	02/19/94		10.39	0.00		21.35												

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VEW-4	02/26/94		10.34	0.00		21.40	7100	1404.6	310.3	512.7	893							
VEW-4	03/10/94		9.95	0.00		21.40												
VEW-4	04/27/94		9.67	0.00		21.37	12700	2347	1277.1	712.8	1501							
VEW-4	07/27/94		10.18	0.00		21.35	21300	3631.1	2495.8	1384.9	3254.2							
VEW-4	08/17/94		10.39	0.00		21.40												
VEW-4	12/19/94		10.78	0.00		21.42	37800	6742.2	2170.3	2494.3	5249.6							
VEW-4					**Top of casing elevation (ft): 12.75**													
VEW-4	02/15/95		8.78	0.00	3.97	21.42	28000	3843	2829.1	1087.4	2898.5							
VEW-4	04/13/95		8.66	0.00	4.09	21.39	34800	16146.3	7298.8	2180	7044.3							
VEW-4	07/13/95		8.83	0.00	3.92	20.84	25800	3803	1782.1	1674.3	2885.1							
VEW-4	10/10/95		9.87	0.00	2.88	20.84	23300	3766.8	866.7	1482.3	2181							
VEW-4	01/24/96		9.68	0.00	3.07	20.80	16400	2569.1	774	1012.9	1663.3							
VEW-4	04/22/96		8.50	0.00	4.25	20.89	9800	1500	600	410	1020	100						
VEW-4	07/25/96		7.97	0.00	4.78	20.83	800	110	10	2.6	18	20						
VEW-4	02/17/97		8.30	0.00	4.45	20.79	9400	690	390	330	700	440						
VEW-4	05/15/97		9.11	0.00	3.64	20.85	13000	1500	630	380	1300	300						
VEW-4					**Top of casing elevation (ft): 12.20**													
VEW-4	09/11/97		10.25	0.00	1.95	20.86	5700	27	8.7	84	750	200	220					
VEW-4	12/05/97		10.70	0.00	1.50	20.84	6600	840	280	190	590	180						
VEW-4	02/27/98		7.70	0.00	4.50	20.82	11000	1600	740	340	1300	200						
VEW-4	04/08/98		7.98	0.00	4.22	20.84	14000	1700	760	560	1800	200						
VEW-4	08/17/98		9.33	0.00	2.87	20.80	8200	7200	250	ND	14000	160						
VEW-4	10/20/98		9.89	0.00	2.31	20.85	30000	4200	1500	1400	4600	170						
VEW-4	01/08/99		9.92	0.00	2.28	20.80	11000	990	590	700	6400	120						
VEW-4	04/01/99		9.72	0.00	2.48	20.83	10000	1400	240	590	720	270						
VEW-4					**Top of casing elevation (ft): 14.35**													
VEW-4	07/02/99		9.58	0.00	4.77	20.81	5400	1600	130	380	560	120						No purge sample
VEW-4	10/22/99		10.51	0.00	3.84	20.85	38000	4400	1400	1800	6300	300						No purge sample
VEW-4	02/03/00		10.57	0.00	3.78	20.67	4600	970	48	140	240	75						No purge sample
VEW-4	04/25/00		9.51	0.00	4.84	20.37	5600	820	140	190	640	84						
VEW-4	07/24/00		10.10	0.00	4.25	20.85	4000	510	130	170	620	95						
VEW-4	10/24/00		10.50	0.00	3.85	20.77	18000	2200	410	860	2800	140						
VEW-4	11/28/00		10.52	0.00	3.83	20.80							99	ND<500	160	ND<20	ND<20	
VEW-4	02/09/01		9.67	0.00	4.68	20.87	6700	1000	120	260	1010		140	ND<1000	89	ND<40	ND<40	
VEW-4	03/06/01		8.24	0.00	6.11	20.81												
VEW-4	06/29/01		9.15	0.00	5.20	20.83	5200	590	80	220	810		280	ND<1000	93	ND<40	ND<40	
VEW-4	09/07/01		8.71	0.00	5.64	19.89	1400	130	54	36	104		400	590	89	ND<10	ND<10	
VEW-4	12/10/01		9.90	0.00	4.45	19.89	800	49	ND<1	8	6		420	920	39	ND<10	ND<10	
VEW-4	02/06/02		11.13	0.00	3.22	20.02	710	28	ND<1.0	2	ND<1.0		140	1600	28	ND<10	ND<10	
VEW-4	05/16/02		10.71	0.00	3.64	19.88	12000	940	440	110	680		830	21000	63	ND<10	ND<10	Sampled from port
VEW-4	08/02/02		9.47	0.00	4.88	19.88	400	27	5	5	15		23	1000	40	ND<10	ND<10	
VEW-4	11/07/02		9.76	0.00	4.59	19.94	1100	290	6.1	16	46		21	1500	40	ND<2.0	ND<2.0	
VEW-4	02/04/03		10.15	0.00	4.20	19.94	1900	230	16	98	240		18	1700	25	ND<4.0	ND<4.0	
VEW-4	05/07/03		8.20	0.00	6.15	19.94	740	100	2.7	21	67		24	860	24	ND<4.0	ND<4.0	
VEW-4	08/08/03		11.86	0.00	2.49	19.94	120	22	ND<1.0	ND<1.0	ND<1.0		12	160	4.5	ND<2.0	ND<2.0	
VEW-4	11/07/03		9.50	0.00	4.85	19.90	860	120	2.7	25	10.4		11	72	15	ND<2.0	ND<2.0	
VEW-4	02/06/04		9.53	0.00	4.82	19.89	320	3.6	ND<1.0	ND<1.0	ND<1.0		11	400	7.4	ND<2.0	ND<2.0	
VEW-4	05/04/04		8.61	0.00	5.74	19.61	590	72	2.2	46	45.3		9.4	360	14	ND<2.0	ND<2.0	
VEW-4	08/05/04		8.74	0.00	5.61	19.86	650	73	2.2	45	39.1		9.1	370	11	ND<2.0	ND<2.0	
VEW-4	11/18/04		8.11	0.00	6.24	19.91	660	74	1.9	70	59.7		6.9	270	9.5	ND<2.0	ND<2.0	
VEW-4	02/04/05		7.20	0.00	7.15	19.84	830	62	1.1	45	35.7		13	170	8.0	ND<2.0	ND<2.0	
VEW-4	05/12/05		7.29	0.00	7.06	19.83	610	91	1	71	37.6		17	280	10.0	ND<2.0	ND<2.0	

TABLE 2
HISTORICAL GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
20001 Brookhurst Street, Huntington Beach

WELL	DATE GAUGED	DATE SAMPLED	DEPTH TO GW (feet)	SPH THICKN. (feet)	GW ELEV. (relative to MSL)	WELL DEPTH (feet)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL-BENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE 8020/8021 (ug/L)	MTBE 8260 (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	COMMENTS
VEW-4	08/05/05		7.97	0.00	6.38	19.82	1100	83	1.4	91	42.5		11	300	11	ND<2.0	ND<2.0	
VEW-4	11/23/05		7.83	0.00	6.52	19.91	560	50	ND<2.0	50	7.2		10	300	12	ND<5.0	ND<5.0	
VEW-4	02/09/06		7.59	0.00	6.76	19.91	754	36.80	ND<0.50	39.3	2.5		8.77	224	9.76	ND<0.50	ND<0.50	
VEW-4	05/09/06		7.36	0.00	6.99	19.89	600	39.0	0.51	34	3.9		7.40	290	8.60	ND<1.0	ND<1.0	
VEW-4	08/24/06		7.80	0.00	6.55	19.88	1700	120	2.2	62	4.0		9.4	260	11	ND<2.0	ND<2.0	
VEW-4	11/17/06		8.40	0.00	5.95	19.90	1100	73	1.5	67	3.5		9.6	280	9.2	ND<1.0	ND<1.0	
VEW-4	03/02/07		8.53	0.00	5.82	19.85	880	66	1.6	35	2.0		9.7	220	9.4	ND<1.0	ND<1.0	
VEW-4	06/05/07		8.39	0.00	5.96	19.71	950	72	1.8	56	3.2		7.3	240	7.2	ND<1.0	ND<1.0	
VEW-4	09/10/07		8.91	0.00	5.44	19.84	500	40	1.0	32	1.6		8.0	200	8.9	ND<1.0	ND<1.0	
VEW-4	10/29/07		8.45	0.00	5.90	19.88	160	5.4	ND<0.50	2.9	ND<1.0		6.3	140	6.2	ND<1.0	ND<1.0	
VEW-4	03/25/08		8.97	0.00	5.38	19.90	540	15	ND<1.0	3.4	ND<1.0		2.8	170	5.4	ND<2.0	ND<2.0	
VEW-4	06/23/08		8.32	0.00	6.03	19.83	1100	50	1.1	77	1.8		7.6	200	7.2	ND<2.0	ND<2.0	
VEW-4	09/02/08	09/03/08	7.84	0.00	6.51	19.84	560	34	ND<1.0	35	1.0		5.3	150	7.3	ND<2.0	ND<2.0	
VEW-4	12/11/08	12/11/08	8.76	0.00	5.59	19.76	380	21.0	ND<1.0	19	ND<1.0		5.2	130	7.2	ND<2.0	ND<2.0	
VEW-4	03/04/09	03/04/09	8.44	0.00	5.91	19.87	660	25	ND<1.0	27	ND<1.0		5.0	140	6.3	ND<2.0	ND<2.0	
VEW-4	06/02/09	06/02/09	9.06	0.00	5.29	19.90	610	28	ND<1.0	28	1.2		5.2	130	8.1	ND<2.0	ND<2.0	
VEW-4	07/28/09	07/28/09	9.51	0.00	4.84	19.85	440	21	ND<1.0	18	ND<1.0		5.2	110	6.3	ND<2.0	ND<2.0	
VEW-4	11/06/09		9.53	0.00	4.82	19.91	440	14	ND<1.0	11	ND<1.0		5.1	120	5.7	ND<2.0	ND<2.0	
VEW-4	03/03/10		7.25	0.00	7.10	19.90	310	9.6	ND<1.0	14	ND<1.0		4.0	100	5.3	ND<2.0	ND<2.0	
VEW-4	06/01/10		8.69	0.00	5.66	19.86	770	27	ND<1.0	40	1.2		5.3	95	6.3	ND<2.0	ND<2.0	
VEW-4	08/31/10		7.96	0.00	6.39	19.91	200	9.7	ND<1.0	5.3	ND<1.0		3.4	62	5.1	ND<2.0	ND<2.0	
VEW-4	12/01/10		7.49	0.00	6.86	19.81	150	5.8	ND<1.0	4.3	ND<1.0		2.0	65	3.6	ND<2.0	ND<2.0	
VEW-4	03/02/11	03/02/11	6.58	0.00	7.77	19.97	114	3.8	ND<1.0	7.8	ND<2.0		1.9	14.9	7.6	ND<5.0	ND<5.0	
VEW-4	06/02/11	06/02/11	7.15	0.00	7.20	20.00	280	5.7	ND<1.0	5.8	ND<2.0		2.4	34.1	4.8 J	ND<5.0	ND<5.0	
VEW-4	09/06/11	09/06/11	7.83	0.00	6.52	20.00	497	22.5	0.77 J	4.8	0.83 J		ND<1.0	66	3.6 J	ND<5.0	ND<5.0	
VEW-4	03/05/12	03/05/12	7.42	0.00	6.93	20.05	109	2	ND<1.0	0.52 J	ND<2.0		2.4	64.2	3.4	ND<2.0	ND<2.0	
VEW-4	09/11/12	09/11/12	8.06	0.00	6.29	19.97	46.3J	1.1	ND<1.0	ND<1.0	ND<2.0		4.1	33.4	2.3	ND<2.0	ND<2.0	
VEW-5					**Top of casing elevation (ft): n/a.**					**Screen Interval: 7 to 22**								
VEW-5	12/03/93		11.09	0.00		21.72	26900	4385.1	4209.6	949.4	4135.9							
VEW-5	02/02/94		10.96	0.00		21.82												
VEW-5	02/12/94		10.26	0.00		21.78												
VEW-5	02/19/94		10.43	0.00		21.75												
VEW-5	02/26/94		10.23	0.00		21.80	18400	3412.1	2914.9	637.3	3296.4							
VEW-5	03/10/94		10.00	0.00		21.79												
VEW-5	04/27/94		9.70	0.00		21.90	34800	6061.8	4306.2	1306.2	5384.9							
VEW-5	07/27/94		10.19	0.00		21.78	45700	7487.1	7761.5	1597.5	8153.9							
VEW-5	08/17/94		10.41	0.00		21.97												
VEW-5	12/19/94		10.85	0.00		21.98	9700	2088	1005.5	393.6	1193.8							
VEW-5					**Top of casing elevation (ft): 12.56**													
VEW-5	02/15/95		8.76	0.00	3.80	21.99	29800	5165.5	2898	1025.7	3429.4							
VEW-5	04/13/95		8.58	0.00	3.98	21.96	55500	20872.2	5356.8	1895.1	6102.8							
VEW-5	07/13/95		8.71	0.00	3.85	21.29	34900	6096.9	3637.6	1225.6	4229.7							
VEW-5	10/10/95		9.72	0.00	2.84	21.27	43800	7987.5	3648.8	1416.4	4559.3							
VEW-5	01/24/96		9.56	0.00	3.00	21.24	26900	4373.8	2323.2	804	4190.1							
VEW-5	04/22/96		8.39	0.00	4.17	21.25	29000	6200	2100	1100	3000	ND						
VEW-5	07/25/96		7.84	0.00	4.72	21.24	29000	6200	2100	1100	3000	ND						
VEW-5	02/17/97		8.13	0.00	4.43	21.24	18000	1200	370	290	1300	560						
VEW-5	05/15/97		9.00	0.00	3.56	21.30	9300	2200	140	380	600	300						
VEW-5					**Top of casing elevation (ft): 11.88**													
VEW-5	09/11/97																	ORC sock in well
VEW-5	12/05/97																	ORC sock in well

TABLE 2
HISTORICAL GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
20001 Brookhurst Street, Huntington Beach

WELL	DATE GAUGED	DATE SAMPLED	DEPTH TO GW (feet)	SPH THICKN. (feet)	GW ELEV. (relative to MSL)	WELL DEPTH (feet)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL-BENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE 8020/8021 (ug/L)	MTBE 8260 (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	COMMENTS
VEW-5	02/27/98		7.65	0.00	4.23	21.26	19000	3400	240	720	2300	690						
VEW-5	04/08/98		10.35	0.00	1.53	21.27	14000	2300	140	770	2000	1000						
VEW-5	08/17/98		9.21	0.00	2.67	21.25	13000	27000	930	6200	9900	4100						
VEW-5	10/20/98		9.75	0.00	2.13	21.25	8300	2200	76	580	1100	3000						
VEW-5	01/08/99		9.81	0.00	2.07	21.23	8100	2300	89	740	1600	2500						ORC sock in well
VEW-5	04/01/99		10.37	0.00	1.51	21.26	4000	630	57	250	220	15000						
VEW-5					**Top of casing elevation (ft): 14.04**													
VEW-5	07/02/99		9.45	0.00	4.59	21.23	10000	2400	73	1000	670	1200						No purge sample
VEW-5	10/22/99		10.34	0.00	3.70	21.31	4600	310	7.4	110	110	3200						No purge sample
VEW-5	02/03/00		13.25	0.00	0.79	21.10	6900	850	10	220	67	13000						No purge sample
VEW-5	04/25/00		9.13	0.00	4.91	20.82	15000	1100	27	440	280	15000						
VEW-5	07/24/00		13.24	0.00	0.80	21.30	18000	1400	29	540	320	16000						
VEW-5	10/24/00		10.36	0.00	3.68	21.18	14000	560	8.9	150	42	14000						
VEW-5	02/09/01		11.88	0.00	2.16	21.25	14000	1300	ND<200	360	ND<400		8800	180000	ND<400	ND<400	ND<400	
VEW-5	03/06/01		7.88	0.00	6.16	21.26												
VEW-5	06/29/01		8.83	0.00	5.21	21.27	12000	2000	ND<250	320	ND<500		4000	100000	ND<500	ND<500	ND<500	
VEW-5	09/07/01		8.90	0.00	5.14	20.75	6600	1200	30	130	90		900	40000	240 J	ND<10	ND<10	
VEW-5	12/10/01		9.98	0.00	4.06	20.75	2000	310	4	70	24		90	11000	110	ND<10	ND<10	
VEW-5	02/06/02		11.55	0.00	2.49	20.25	1500	120	1	9	10		24	3900	53	ND<10	ND<10	
VEW-5	05/16/02		11.13	0.00	2.91	20.67	8600	470	230	86	570		640	26000	51	ND<10	ND<10	Sampled from port
VEW-5	08/02/02		9.61	0.00	4.43	20.67	1000	180	2	49	41		55	730	130	ND<10	ND<10	
VEW-5	11/07/02		9.95	0.00	4.09	20.75	2900	780	ND<10	92	18		61	2100	140	ND<20	ND<20	
VEW-5	02/04/03		10.87	0.00	3.17	20.73	650	130	ND<10	ND<10	ND<10		25	24000	29	ND<20	ND<20	
VEW-5	05/07/03		8.31	0.00	5.73	20.75	1200	110	2.9	200	61		21	370	80	ND<4.0	ND<4.0	
VEW-5	08/08/03		12.53	0.00	1.51	20.75	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.2	40	3.7	ND<2.0	ND<2.0	
VEW-5	11/07/03		9.66	0.00	4.38	20.70	210	1.7	ND<1.0	7.3	ND<1.0		5.2	38	23	ND<2.0	ND<2.0	
VEW-5	02/06/04		9.68	0.00	4.36	20.70	150	0.90	ND<1.0	7.3	ND<1.0		1.5	39	5.4	ND<2.0	ND<2.0	
VEW-5	05/04/04		8.88	0.00	5.16	20.70	980	100	ND<1.0	70	ND<1.0		4.2	32	23	ND<2.0	ND<2.0	
VEW-5	08/05/04		7.52	0.00	6.52	20.67	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		4.5	ND<10	ND<2.0	ND<2.0	ND<2.0	
VEW-5	11/18/04		8.25	0.00	5.79	20.60	380	73	ND<1.0	13	ND<1.0		3.6	92	14	ND<2.0	ND<2.0	
VEW-5	02/04/05		7.45	0.00	6.59	20.63	990	110	ND<1.0	14	1.1		3.2	70	19	ND<2.0	ND<2.0	
VEW-5	05/12/05		7.54	0.00	6.50	20.62	1800	350	3.1	58	ND<1.0		6.2	120	37	ND<2.0	ND<2.0	
VEW-5	08/05/05		8.17	0.00	5.87	20.67	2000	200	3	65	4.3		2.9	130	23	ND<4.0	ND<4.0	
VEW-5	11/23/05		8.04	0.00	6.00	20.70	290	21	ND<2.0	ND<2.0	ND<4.0		ND<5.0	210	12.0	ND<5.0	ND<5.0	
VEW-5	02/09/06		7.77	0.00	6.27	20.65	124	3.33	ND<0.50	0.6	ND<0.50		1.51	251	9.00	ND<0.50	ND<0.50	
VEW-5	05/09/06		7.66	0.00	6.38	20.60	350	11.0	ND<0.50	1.4	ND<1.0		1.20	120	6.60	ND<1.0	ND<1.0	
VEW-5	08/24/06		8.00	0.00	6.04	20.49	2300	330	3.6	18	3.9		4.7	160	21	ND<4.0	ND<4.0	
VEW-5	11/17/06		8.63	0.00	5.41	20.70	2500	280	4.3	40	5.9		6.1	210	20	ND<1.0	ND<1.0	
VEW-5	03/02/07		8.78	0.00	5.26	26.10	1400	95	ND<2.5	16	ND<5.0		ND<5.0	140	10	ND<5.0	ND<5.0	
VEW-5	06/05/07		8.62	0.00	5.42	20.50	2000	250	3.9	18	5.7		5.3	210	16	ND<1.0	ND<1.0	
VEW-5	09/10/07		9.31	0.00	4.73	20.64	1100	110	1.0	23	ND<2.0		7.3	63	33	ND<2.0	ND<2.0	
VEW-5	10/29/07		10.23	0.00	3.81	20.68	920	76	0.93	6.1	1.2		6.6	61	30	ND<1.0	ND<1.0	
VEW-5	03/25/08		8.71	0.00	5.33	20.67	580	50	ND<1.0	4.0	ND<1.0		ND<1.0	28	27	ND<2.0	ND<2.0	
VEW-5	06/23/08		8.43	0.00	5.61	20.65	1500	94	1.2	14	1.3		5.8	40	31	ND<2.0	ND<2.0	
VEW-5	09/02/08	09/03/08	7.93	0.00	6.11	20.62	1100	55	ND<1.0	13	ND<1.0		2.7	23	16	ND<2.0	ND<2.0	
VEW-5	12/11/08	12/11/08	8.94	0.00	5.10	20.77	1900	120	1.4	9.1	1.1		2.5	70	13.0	ND<2.0	ND<2.0	
VEW-5	03/04/09	03/04/09	8.71	0.00	5.33	20.63	1800	61	1.1	10	1.3		4.1	64	24.0	ND<2.0	ND<2.0	
VEW-5	06/02/09	06/02/09	9.29	0.00	4.75	20.68	870	34	ND<1.0	4	ND<1.0		4.6	30	31.0	ND<2.0	ND<2.0	
VEW-5	07/28/09	07/28/09	9.77	0.00	4.27	20.64	480	8.4	ND<1.0	2.6	ND<1.0		4.6	11	14	ND<2.0	ND<2.0	
VEW-5	11/06/09		9.53	0.00	4.51	20.75	460	20	ND<1.0	1.8	ND<1.0		3.4	22	20	ND<2.0	ND<2.0	
VEW-5	03/03/10		7.37	0.00	6.67	20.56	840	39	ND<1.0	3.1	ND<1.0		3.8	37	26	ND<2.0	ND<2.0	
VEW-5	06/01/10		8.89	0.00	5.15	20.64	460	3.6	ND<1.0	1.9	ND<1.0		3.3	ND<10	11	ND<2.0	ND<2.0	

TABLE 2
HISTORICAL GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
20001 Brookhurst Street, Huntington Beach

WELL	DATE GAUGED	DATE SAMPLED	DEPTH TO GW (feet)	SPH THICKN. (feet)	GW ELEV. (relative to MSL)	WELL DEPTH (feet)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL-BENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE 8020/8021 (ug/L)	MTBE 8260 (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	COMMENTS
VEW-5	08/31/10		8.02	0.00	6.02	20.70	98	ND<0.50	ND<1.0	ND<1.0	ND<1.0		2.1	ND<10	9.4	ND<2.0	ND<2.0	
VEW-5	12/01/10		7.64	0.00	6.40	20.87	420	23	ND<1.0	3.2	ND<1.0		1.3	38	5.8	ND<2.0	ND<2.0	
VEW-5	03/02/11	03/02/11	6.63	0.00	7.41	20.75	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		ND<1.0	ND<10	1.8 J	ND<5.0	ND<5.0	
VEW-5	06/02/11	06/02/11	7.22	0.00	6.82	20.76	160	ND<1.0	ND<1.0	1.1	ND<2.0		ND<1.0	ND<10	3.6 J	ND<5.0	ND<5.0	
VEW-5	09/06/11	09/06/11	7.84	0.00	6.20	20.74	443	5.1	0.61 J	6.1	ND<2.0		ND<1.0	36.6	3.1 J	ND<5.0	ND<5.0	
VEW-5	03/05/12	03/05/12	7.56	0.00	6.48	20.80	70.1	0.30 J	ND<1.0	0.28 J	ND<2.0		0.98 J	23.5	2.3	ND<2.0	ND<2.0	
VEW-5	09/11/12	09/11/12	8.22	0.00	5.82	20.73	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		1.8	28.4	2.6	ND<2.0	ND<2.0	
VEW-6					**Top of casing elevation (ft): n/a.**					**Screen Interval: 5 to 20**								
VEW-6	12/03/93		10.60	0.06		25.04												
VEW-6	02/02/94		10.48	0.02		20.58												
VEW-6	02/12/94		8.60	0.00		19.00												
VEW-6	02/19/94		9.95	0.00		19.58												
VEW-6	02/26/94		9.69	0.00		19.62	68700	11975.9	15959.1	1511.8	15368.7							
VEW-6	03/10/94		9.55	0.00		19.61												
VEW-6	04/27/94		9.16	0.00		19.50	61900	8638.1	11752.6	1230.6	9121.4							
VEW-6	07/27/94		9.71	0.00		19.79	56200	10008.9	13574.6	1181.1	6279.5							
VEW-6	08/17/94		9.91	0.00		20.10												
VEW-6	12/19/94		10.32	0.04		20.93												
VEW-6					**Top of casing elevation (ft): 11.96**													
VEW-6	02/15/95		8.30	0.00	3.66	20.02	105700	15927.5	23083.6	2306.4	13971.4							
VEW-6	04/13/95		8.09	0.00	3.87	20.40	89400	39844.6	30168.4	2749.1	15303.2							
VEW-6	07/13/95		8.53	0.00	3.43	20.53	98300	13965.5	21215	2009.6	10572.5							
VEW-6	10/10/95		9.70	0.02	2.28	20.69												
VEW-6	01/24/96		9.41	0.00	2.55	20.31	118000	14102.5	26643.8	2108.6	18050.9							
VEW-6	04/22/96		8.29	0.00	3.67	20.98												
VEW-6	07/25/96		8.29	0.00	3.67	20.91	220000	12000	18000	1900	18000	720						
VEW-6	02/17/97		8.00	0.00	3.96	21.06	130000	16000	20000	1500	9400	13000						
VEW-6	05/15/97		8.85	0.00	3.11	21.11	150000	15000	18000	1800	10000	4400	4.7					
VEW-6					**Top of casing elevation (ft): 11.60**													
VEW-6	09/11/97																	ORC sock in well
VEW-6	12/05/97																	ORC sock in well
VEW-6	02/27/98		7.28	0.00	4.32	21.08	110000	14000	21000	1200	11000	3000	3.6					
VEW-6	04/08/98		7.52	0.00	4.08	21.05	120000	16000	26000	1900	12000	4000						
VEW-6	08/17/98		8.98	0.00	2.62	21.06	110000	120000	200000	15000	92000	5000						
VEW-6	10/20/98		9.49	0.00	2.11	21.06	91000	14000	16000	1500	9600	11000						
VEW-6	01/08/99		10.12	0.00	1.48	21.15	130000	11000	14000	1600	9700	6300	4300					
VEW-6	04/01/99		11.04	0.00	0.56	21.07	86000	14000	15000	2100	14000	26000	13000					
VEW-6					**Top of casing elevation (ft): 13.74**													
VEW-6	07/02/99		9.15	0.00	4.59	21.26	150000	29000	45000	4300	28000	17000	10000					No purge sample
VEW-6	10/22/99		10.00	0.00	3.74	21.07	46000	6100	6400	790	6000	8400						No purge sample
VEW-6	02/03/00		14.10	0.00	-0.36	20.91	23000	2000	1300	250	1500	20000	24000					No purge sample
VEW-6	04/25/00		8.95	0.00	4.79	20.65	84000	9800	14000	1500	7500	25000						
VEW-6	07/24/00		13.63	0.00	0.11	24.06	57000	7000	6000	1100	4300	27000						
VEW-6	10/24/00		10.04	0.00	3.70	21.00	63000	5200	6300	920	4800	34000	24000					
VEW-6	11/28/00		10.02	0.00	3.72	21.05							28000	53000	ND<500	ND<500	ND<500	
VEW-6	02/09/01		9.13	0.00	4.61	21.08	100000	10000	14000	1600	6900		61000	150000	ND<1000	ND<1000	ND<1000	
VEW-6	03/06/01		7.64	0.00	6.10	21.12												
VEW-6	06/29/01		8.58	0.00	5.16	21.12	73000	8600	7400	1500	4800		38000	140000	ND<1000	ND<1000	ND<1000	
VEW-6	09/07/01		8.31	0.00	5.43	20.25	46000	4200	1900	620	1550		14000	160000	55	ND<10	10	
VEW-6	12/10/01		9.32	0.00	4.42	20.25	23000	3100	2800	700	2410		3400	120000	24	ND<10	10	
VEW-6	02/06/02		10.94	0.00	2.80	20.40	44000	3800	3100	850	3110		3300	44000	24	ND<10	10	

TABLE 2
HISTORICAL GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
20001 Brookhurst Street, Huntington Beach

WELL	DATE GAUGED	DATE SAMPLED	DEPTH TO GW (feet)	SPH THICKN. (feet)	GW ELEV. (relative to MSL)	WELL DEPTH (feet)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL-BENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE 8020/8021 (ug/L)	MTBE 8260 (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	COMMENTS
VEW-6	05/16/02		10.60	0.00	3.14	20.30	10000	920	1300	150	1760		710	18000	28	ND<10	ND<10	Sampled from port
VEW-6	08/02/02		8.98	0.00	4.76	20.30	17000	2800	1400	500	1500		1400	36000	20	ND<10	10	
VEW-6	11/07/02		9.27	0.00	4.47	20.27	10000	3100	610	470	1380		1300	33000	14	ND<10	13	
VEW-6	02/04/03		10.78	0.00	2.96	20.27	18000	1200	2000	ND<500	1400		520	93000	ND<1000	ND<1000	ND<1000	
VEW-6	05/07/03		7.68	0.00	6.06	20.27	14000	1500	1200	ND<200	890		830	93000	ND<400	ND<400	ND<400	
VEW-6	08/08/03		11.77	0.00	1.97	20.27	8000	890	1600	240	1180		820	35000	ND<200	ND<200	ND<200	
VEW-6	11/07/03		9.03	0.00	4.71	20.30	11000	2100	640	610	990		540	15000	ND<100	ND<100	ND<100	
VEW-6	02/06/04		9.05	0.00	4.69	20.84	4900	1200	470	310	680		260	5100	ND<40	ND<40	ND<40	
VEW-6	05/04/04		8.41	0.00	5.33	20.51	5900	1600	410	380	750		360	6400	ND<20	ND<20	ND<20	
VEW-6	08/05/04		8.53	0.00	5.21	20.84	8200	2000	400	530	760		230	5500	ND<20	ND<20	ND<20	
VEW-6	11/18/04		7.60	0.00	6.14	20.87	5500	1500	660	420	930		82	3100	ND<40	ND<40	ND<40	
VEW-6	02/04/05		6.93	0.00	6.81	20.80	6400	1100	1300	330	770		32	1200	ND<20	ND<20	ND<20	
VEW-6	05/12/05		7.07	0.00	6.67	20.82	7000	1500	860	630	980		70	2700	ND<20	ND<20	ND<20	
VEW-6	08/05/05		7.82	0.00	5.92	20.79	8000	1500	770	610	1020		41	1300	ND<20	ND<20	ND<20	
VEW-6	11/23/05		7.34	0.00	6.40	20.89	2500	680	200	300	350		ND<50	940	ND<50	ND<50	ND<50	
VEW-6	02/09/06																	Well abandoned

Notes:
1. ND - Not detected
2. TBA - Tertiary-butyl alcohol
3. DIPE - Diisopropyl ether
4. ETBE - Ethyl tertiary-butyl ether
5. TAME - Tertiary-amyl methyl ether
6. TPH-G - analyzed by testing method 8015M, TPPH 8260B, or TPH-Gro 8260B with a carbon range of C6-C10
7. J - Estimated value between MDL and PQL
8. Unless noted, gauging date and sampling date are the same.

TABLE 3
ADDITIONAL GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
20001 Brookhurst Street, Huntington Beach

WELL	DATE GAUGED	DATE SAMPLED	MEK (ug/L)	ETHANOL (ug/L)	ORP (m/V)	DO (ppm)	DO METHOD	COMMENTS
B-1								
B-1	04/24/92							
B-1	06/30/92							
B-1	09/16/92							
B-1	01/12/93							
B-1	03/22/93							
B-1	05/03/93							
B-1	07/21/93							
B-1	10/25/93							
B-1	12/03/93							
B-1	02/02/94							
B-1	02/12/94							
B-1	02/19/94							
B-1	02/26/94							
B-1	03/10/94							
B-1	04/27/94							
B-1	07/27/94							
B-1	08/17/94							
B-1	12/19/94							
B-1	02/15/95							
B-1	04/13/95					1.9	ESD Probe	
B-1	07/13/95					2.3	ESD Probe	
B-1	10/10/95					1.8	ESD Probe	
B-1	01/24/96					0.9	ESD Probe	
B-1	04/22/96					1.2	ESD Probe	
B-1	07/25/96					1.4	ESD Probe	
B-1	02/17/97							
B-1	05/15/97							
B-1	09/11/97					0.8	ESD Probe	
B-1	12/05/97							
B-1	02/27/98					1.3		
B-1	04/08/98							
B-1	08/17/98					1.3	ESD Probe	
B-1	10/20/98							Not sampled
B-1	01/08/99							Not sampled
B-1	04/01/99							Not sampled
B-1								
B-1	07/02/99							Not sampled
B-1	10/22/99							Not sampled
B-1	02/03/00							Not sampled
B-1	04/25/00					1.7	ESD Probe	
B-1	07/24/00					1.5	ESD Probe	
B-1	10/24/00							Not sampled
B-1	02/09/01							
B-1	03/06/01		ND<10			2.1	ESD Probe	
B-1	06/29/01							Well covered with asphalt
B-1	09/07/01							Well abandoned
B-2								
B-2	04/24/92							
B-2	05/19/92							
B-2	06/30/92							
B-2	09/16/92							
B-2	01/12/93							
B-2	03/22/93							
B-2	05/03/93							
B-2	07/21/93							
B-2RD								
B-2RD	10/25/93							
B-2RD	12/03/93							
B-2RD	02/02/94							
B-2RD	02/12/94							
B-2RD	02/19/94							

TABLE 3
ADDITIONAL GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
20001 Brookhurst Street, Huntington Beach

WELL	DATE GAUGED	DATE SAMPLED	MEK (ug/L)	ETHANOL (ug/L)	ORP (m/V)	DO (ppm)	DO METHOD	COMMENTS
B-2RD	02/26/94							
B-2RD	03/10/94							
B-2RD	04/27/94							
B-2RD	07/27/94							
B-2RD	08/17/94							
B-2RD	12/19/94							
B-2RD								
B-2RD	02/15/95							
B-2RD	04/13/95					0.8	ESD Probe	
B-2RD	07/13/95					2.3	ESD Probe	
B-2RD	10/10/95					1.1	ESD Probe	
B-2RD	01/24/96					1.0	ESD Probe	
B-2RD	04/22/96					1.2	ESD Probe	
B-2RD	07/25/96					0.8	ESD Probe	
B-2RD	02/17/97					1.1	ESD Probe	
B-2RD	05/15/97					0.7	ESD Probe	
B-2RD								
B-2RD	09/11/97					1.1	ESD Probe	
B-2RD	12/05/97					1.4	ESD Probe	
B-2RD	02/27/98							
B-2RD	04/08/98					1.7	ESD Probe	
B-2RD	08/17/98					1.3	ESD Probe	
B-2RD	10/20/98					1.1	ESD Probe	
B-2RD	01/08/99					1.9	ESD Probe	
B-2RD	04/01/99					0.7	ESD Probe	
B-2RD								
B-2RD	07/02/99					0.8	ESD Probe	No purge sample
B-2RD	10/22/99					1.5	ESD Probe	No purge sample
B-2RD	02/03/00					1.1	ESD Probe	No purge sample
B-2RD	04/25/00					1.3	ESD Probe	
B-2RD	07/24/00					1.6	ESD Probe	
B-2RD	10/24/00					1.1	ESD Probe	
B-2RD	11/28/00					0.4	ESD Probe	
B-2RD	02/09/01					0.4	ESD Probe	
B-2RD	03/06/01							
B-2RD	06/29/01		ND<100			0.7	ESD Probe	
B-2RD	09/07/01		ND<20					
B-2RD	12/10/01		ND<20					
B-2RD	02/06/02		ND<20					
B-2RD	05/16/02		82					Sampled from port
B-2RD	08/02/02		ND<20					
B-2RD	11/07/02		ND<10					
B-2RD	02/04/03		ND<10					
B-2RD	05/07/03		ND<50					
B-2RD	08/08/03		ND<20					
B-2RD	11/07/03		ND<10					
B-2RD	02/06/04		ND<10					
B-2RD	05/04/04		ND<10					
B-2RD	08/05/04		ND<10					
B-2RD	11/18/04		ND<10			0.25		
B-2RD	02/04/05		ND<10			0.08		
B-2RD	05/12/05		ND<10			0.35		
B-2RD	08/05/05		ND<10			0.58		
B-2RD	11/23/05		ND<10			0.74		
B-2RD	02/09/06					0.72		
B-2RD	05/09/06					0.28		
B-2RD	08/24/06							
B-2RD	11/17/06							
B-2RD	03/02/07							
B-2RD	06/05/07					0.25		
B-2RD	09/10/07							
B-2RD	10/29/07					0.56		
B-2RD	03/25/08				11.0	0.78		
B-2RD	06/23/08				16	0.57		

TABLE 3
ADDITIONAL GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
20001 Brookhurst Street, Huntington Beach

WELL	DATE GAUGED	DATE SAMPLED	MEK (ug/L)	ETHANOL (ug/L)	ORP (m/V)	DO (ppm)	DO METHOD	COMMENTS
B-2RD	09/02/08	09/02/08			-148	2.98		
B-2RD	12/11/08	12/11/08			23	1.18		
B-2RD	03/04/09	03/04/09			61	0.30		
B-2RD	06/02/09	06/02/09			126	1.89		
B-2RD	07/28/09	07/28/09			18	1.01		
B-2RD	11/06/09							
B-2RD	03/03/10							
B-2RD	06/01/10				27	0.23		
B-2RD	08/31/10		ND<10	ND<100				
B-2RD	12/01/10		ND<10	ND<100				
B-2RD	03/02/11	03/02/11	ND<20					
B-2RD	06/02/11	06/02/11		ND<200				
B-2RD	09/06/11	09/06/11		ND<200				
B-2RD	03/05/12	03/05/12		ND<100				
B-2RD	09/11/12	09/11/12		ND<100				
B-3								
B-3	04/24/92							
B-3	06/30/92							
B-3	09/16/92							
B-3	01/12/93							
B-3	03/22/93							
B-3	05/03/93							
B-3	07/21/93							
B-3RD								
B-3RD	10/25/93							
B-3RD	12/03/93							
B-3RD	02/02/94							
B-3RD	02/12/94							
B-3RD	02/19/94							
B-3RD	02/26/94							
B-3RD	03/10/94							
B-3RD	04/27/94							
B-3RD	07/27/94							
B-3RD	08/17/94							
B-3RD	12/19/94							
B-3RD								
B-3RD	02/15/95							
B-3RD	04/13/95					1.2	ESD Probe	
B-3RD	07/13/95					2.1	ESD Probe	
B-3RD	10/10/95					1.4	ESD Probe	
B-3RD	01/24/96					0.7	ESD Probe	
B-3RD	04/22/96					1.8	ESD Probe	
B-3RD	07/25/96					1.0	ESD Probe	
B-3RD	02/17/97							
B-3RD	05/15/97							
B-3RD								
B-3RD	09/11/97					0.4	ESD Probe	
B-3RD	12/05/97							
B-3RD	02/27/98							
B-3RD	04/08/98							
B-3RD	08/17/98					1.2	ESD Probe	
B-3RD	10/20/98							Not sampled
B-3RD	01/08/99							Not sampled
B-3RD	04/01/99							Not sampled
B-3RD								
B-3RD	07/02/99							Not sampled
B-3RD	10/22/99							Not sampled
B-3RD	02/03/00							Not sampled
B-3RD	04/25/00					1.3	ESD Probe	
B-3RD	07/24/00					1.8	ESD Probe	
B-3RD	10/24/00							Not sampled
B-3RD	02/09/01							

TABLE 3
ADDITIONAL GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
20001 Brookhurst Street, Huntington Beach

WELL	DATE GAUGED	DATE SAMPLED	MEK (ug/L)	ETHANOL (ug/L)	ORP (m/V)	DO (ppm)	DO METHOD	COMMENTS
B-3RD	03/06/01		ND<10			2.7	ESD Probe	
B-3RD	06/29/01		ND<10			2.1	ESD Probe	
B-3RD	09/07/01		ND<20					
B-3RD	12/10/01		ND<20					
B-3RD	02/06/02		ND<20					
B-3RD	05/16/02		ND<20					
B-3RD	08/02/02		ND<20					
B-3RD	11/07/02		ND<10					
B-3RD	02/04/03		ND<10					
B-3RD	05/07/03		ND<10					
B-3RD	08/08/03		ND<10					
B-3RD	11/07/03		ND<10					
B-3RD	02/06/04		ND<10					
B-3RD	05/04/04		ND<10					
B-3RD	08/05/04		ND<10					
B-3RD	11/18/04		ND<10			0.61		
B-3RD	02/04/05		ND<10			0.21		
B-3RD	05/12/05		ND<20			0.16		
B-3RD	08/05/05		ND<10			2.09		
B-3RD	11/23/05		ND<10			1.07		
B-3RD	02/09/06					0.3		
B-3RD	05/09/06					0.16		
B-3RD	08/24/06							
B-3RD	11/17/06							
B-3RD	03/02/07							
B-3RD	06/05/07					0.07		
B-3RD	09/10/07							
B-3RD	10/29/07					0.18		
B-3RD	03/25/08				-92	0.16		
B-3RD	06/23/08				-24	0.30		
B-3RD	09/02/08	09/02/08			-114	0.07		
B-3RD	12/11/08	12/11/08			76	1.58		
B-3RD	03/04/09	03/04/09						Unable to access / No sample taken
B-3RD	03/02/11	03/02/11	ND<20					
B-3RD	06/02/11	06/02/11		ND<100				
B-3RD	09/06/11	09/06/11		ND<100				
B-3RD	03/05/12	03/05/12		ND<100				
B-3RD	09/11/12	09/11/12		ND<100				
B-4								
B-4	04/24/92							
B-4	06/30/92							
B-4	09/16/92							
B-4	01/12/93							
B-4	03/22/93							
B-4	05/03/93							
B-4	07/21/93							
B-4RD								
B-4RD	10/25/93							
B-4RD	12/03/93							
B-4RD	02/02/94							
B-4RD	02/12/94							
B-4RD	02/19/94							
B-4RD	02/26/94							
B-4RD	03/10/94							
B-4RD	04/27/94							
B-4RD	07/27/94							
B-4RD	08/17/94							
B-4RD	12/19/94							
B-4RD								
B-4RD	02/15/95							
B-4RD	04/13/95					1.2	ESD Probe	
B-4RD	07/13/95					2.5	ESD Probe	

TABLE 3
ADDITIONAL GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
20001 Brookhurst Street, Huntington Beach

WELL	DATE GAUGED	DATE SAMPLED	MEK (ug/L)	ETHANOL (ug/L)	ORP (m/V)	DO (ppm)	DO METHOD	COMMENTS
B-4RD	10/10/95					1.8	ESD Probe	
B-4RD	01/24/96					0.8	ESD Probe	
B-4RD	01/24/96					1.4	ESD Probe	
B-4RD	04/22/96					1.4	ESD Probe	
B-4RD	07/25/96					1.5	ESD Probe	
B-4RD	02/17/97							
B-4RD	05/15/97							
B-4RD								
B-4RD	09/11/97					1.0	ESD Probe	
B-4RD	12/05/97							
B-4RD	02/27/98							
B-4RD	04/08/98							
B-4RD	08/17/98					1.4	ESD Probe	
B-4RD	10/20/98							Not sampled
B-4RD	01/08/99							Not sampled
B-4RD	04/01/99							Not sampled
B-4RD								
B-4RD	07/02/99							Not sampled
B-4RD	10/22/99							Not sampled
B-4RD	02/03/00							Not sampled
B-4RD	04/25/00					1.6	ESD Probe	
B-4RD	07/24/00					2.5	ESD Probe	
B-4RD	10/24/00							Not sampled
B-4RD	02/09/01							
B-4RD	03/06/01		ND<10			2.5	ESD Probe	
B-4RD	06/29/01		ND<10			0.9	ESD Probe	
B-4RD	09/07/01		ND<20					
B-4RD	12/10/01		ND<20					
B-4RD	02/06/02		ND<20					
B-4RD	05/16/02		ND<20					
B-4RD	08/02/02		ND<20					
B-4RD	11/07/02		ND<10					
B-4RD	02/04/03		ND<10					
B-4RD	05/07/03		ND<10					
B-4RD	08/08/03		ND<10					
B-4RD	11/07/03		ND<10					
B-4RD	02/06/04		ND<10					
B-4RD	05/04/04		ND<10					
B-4RD	08/05/04		ND<10					
B-4RD	11/18/04		ND<10			0.41		
B-4RD	02/04/05		ND<10			0.57		
B-4RD	05/12/05		ND<10			0.37		
B-4RD	08/05/05		ND<10			2.06		
B-4RD	11/23/05		ND<10			1.66		
B-4RD	02/09/06					2.5		
B-4RD	05/09/06					0.76		
B-4RD	08/24/06							
B-4RD	11/17/06							
B-4RD	03/02/07							
B-4RD	06/05/07					0.15		
B-4RD	09/10/07							
B-4RD	10/29/07					0.65		
B-4RD	03/25/08				123	2.19		
B-4RD	06/23/08				66	0.36		
B-4RD	09/02/08	09/02/08			-111	0.07		
B-4RD	12/11/08	12/11/08			39	1.67		
B-4RD	03/04/09	03/04/09			43	0.27		
B-4RD	06/02/09	06/02/09			149	0.92		
B-4RD	11/06/09							
B-4RD	06/01/10				19	0.48		
B-4RD	08/31/10		ND<10	ND<100				
B-4RD	12/01/10		ND<10	ND<100				
B-4RD	03/02/11	03/02/11	ND<20					
B-4RD	06/02/11	06/02/11		ND<100				

TABLE 3
ADDITIONAL GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
20001 Brookhurst Street, Huntington Beach

WELL	DATE GAUGED	DATE SAMPLED	MEK (ug/L)	ETHANOL (ug/L)	ORP (m/V)	DO (ppm)	DO METHOD	COMMENTS
B-4RD	09/06/11	09/06/11		ND<100				
B-4RD	03/05/12	03/05/12		ND<100				
B-4RD	09/11/12	09/11/12		ND<100				
B-5								
B-5	04/24/92							
B-5	05/19/92							
B-5	06/30/92							
B-5	09/16/92							
B-5	01/12/93							
B-5	03/22/93							
B-5	05/03/93							
B-5	07/21/93							
B-5RD								
B-5RD	10/25/93							
B-5RD	12/03/93							
B-5RD	02/02/94							
B-5RD	02/12/94							
B-5RD	02/19/94							
B-5RD	02/26/94							
B-5RD	03/10/94							
B-5RD	04/27/94							
B-5RD	07/27/94							
B-5RD	08/17/94							
B-5RD	12/19/94							
B-5RD								
B-5RD	02/15/95							
B-5RD	04/13/95					0.8	ESD Probe	
B-5RD	07/13/95					1.2	ESD Probe	
B-5RD	10/10/95					1.2	ESD Probe	
B-5RD	01/24/96					0.6	ESD Probe	
B-5RD	04/22/96					1.6	ESD Probe	
B-5RD	07/25/96					2.0	ESD Probe	
B-5RD	02/17/97					1.8	ESD Probe	
B-5RD	05/15/97					1.6	ESD Probe	
B-5RD								
B-5RD	09/11/97							ORC sock in well
B-5RD	12/05/97							ORC sock in well
B-5RD	02/27/98							
B-5RD	04/08/98					1.9	ESD Probe	
B-5RD	08/17/98					3.2	ESD Probe	
B-5RD	10/20/98					0.9	ESD Probe	
B-5RD	01/08/99					1.2	ESD Probe	ORC sock in well
B-5RD	04/01/99					1.6	ESD Probe	
B-5RD								
B-5RD	07/02/99					0.8	ESD Probe	No purge sample
B-5RD	10/22/99					1.1	ESD Probe	No purge sample
B-5RD	02/03/00					1.2	ESD Probe	No purge sample
B-5RD	04/25/00					1.8	ESD Probe	
B-5RD	07/24/00					2.8	ESD Probe	
B-5RD	10/24/00					1.2	ESD Probe	
B-5RD	02/09/01					1.4	ESD Probe	
B-5RD	03/06/01							
B-5RD	06/29/01		ND<5000			1.3	ESD Probe	
B-5RD	09/07/01		ND<20					
B-5RD	12/10/01		ND<20					
B-5RD	02/06/02		ND<20					
B-5RD	05/16/02		170					Sampled from port
B-5RD	08/02/02		ND<20					
B-5RD	11/07/02		ND<100					
B-5RD	02/04/03		ND<1000					
B-5RD	05/07/03		ND<1000					
B-5RD	08/08/03		ND<10					

TABLE 3
ADDITIONAL GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
20001 Brookhurst Street, Huntington Beach

WELL	DATE GAUGED	DATE SAMPLED	MEK (ug/L)	ETHANOL (ug/L)	ORP (m/V)	DO (ppm)	DO METHOD	COMMENTS
B-5RD	11/07/03		ND<20					
B-5RD	02/06/04		ND<50					
B-5RD	05/04/04		ND<20					
B-5RD	08/05/04		ND<10					
B-5RD	11/18/04		ND<10			0.32		
B-5RD	02/04/05		ND<10			0.24		
B-5RD	05/12/05		ND<10			0.22		
B-5RD	08/05/05		ND<10			0.58		
B-5RD	11/23/05		ND<10			1.04		
B-5RD	02/09/06					0.72		
B-5RD	05/09/06					0.52		
B-5RD	08/24/06							
B-5RD	11/17/06							
B-5RD	03/02/07							
B-5RD	06/05/07					0.35		
B-5RD	09/10/07							
B-5RD	10/29/07					0.39		
B-5RD	03/25/08				-68	0.12		
B-5RD	06/23/08				-10	0.15		
B-5RD	09/02/08	09/03/08			-58	0.13		
B-5RD	12/11/08	12/11/08			33	0.57		
B-5RD	03/04/09	03/04/09			14	0.16		
B-5RD	06/02/09	06/02/09			-79	0.86		
B-5RD	07/28/09	07/28/09			-26	0.20		
B-5RD	11/06/09							
B-5RD	03/03/10							
B-5RD	06/01/10				8	0.19		
B-5RD	08/31/10		ND<10	ND<100				
B-5RD	12/01/10		ND<10	ND<100				
B-5RD	03/02/11	03/02/11	ND<20					
B-5RD	06/02/11	06/02/11		ND<100				
B-5RD	09/06/11	09/06/11		ND<100				
B-5RD	03/05/12	03/05/12		ND<100				
B-5RD	09/11/12	09/11/12		ND<100				
B-6								
B-6	04/24/92							
B-6	06/30/92							
B-6	09/16/92							
B-6	01/12/93							
B-6	03/22/93							
B-6	05/03/93							
B-6	07/21/93							
B-6RD								
B-6RD	10/25/93							
B-6RD	12/03/93							
B-6RD	02/02/94							
B-6RD	02/12/94							
B-6RD	02/19/94							
B-6RD	02/26/94							
B-6RD	03/10/94							
B-6RD	04/27/94							
B-6RD	07/27/94							
B-6RD	08/17/94							
B-6RD	12/19/94							
B-6RD								
B-6RD	02/15/95							
B-6RD	04/13/95					1.3	ESD Probe	
B-6RD	07/13/95					2.0	ESD Probe	
B-6RD	10/10/95					1.4	ESD Probe	
B-6RD	01/24/96					0.8	ESD Probe	
B-6RD	04/22/96					1.4	ESD Probe	
B-6RD	07/25/96					1.5	ESD Probe	

TABLE 3
ADDITIONAL GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
20001 Brookhurst Street, Huntington Beach

WELL	DATE GAUGED	DATE SAMPLED	MEK (ug/L)	ETHANOL (ug/L)	ORP (m/V)	DO (ppm)	DO METHOD	COMMENTS
B-6RD	02/17/97							
B-6RD	05/15/97							
B-6RD								
B-6RD	09/11/97					0.6	ESD Probe	
B-6RD	12/05/97							
B-6RD	02/27/98							
B-6RD	04/08/98							
B-6RD	08/17/98					0.8	ESD Probe	
B-6RD	10/20/98							Not sampled
B-6RD	01/08/99							Not sampled
B-6RD	04/01/99							Not sampled
B-6RD								
B-6RD	07/02/99							Not sampled
B-6RD	10/22/99							Not sampled
B-6RD	02/03/00							Not sampled
B-6RD	04/25/00					1.8	ESD Probe	
B-6RD	07/24/00					1.7	ESD Probe	
B-6RD	10/24/00							Not sampled
B-6RD	02/09/01							
B-6RD	03/06/01		ND<10			0.7	ESD Probe	
B-6RD	06/29/01		ND<10			1.7	ESD Probe	
B-6RD	09/07/01		ND<20					
B-6RD	12/10/01		ND<20					
B-6RD	02/06/02		ND<20					
B-6RD	05/16/02		ND<20					
B-6RD	08/02/02		ND<20					
B-6RD	11/07/02		ND<10					
B-6RD	02/04/03		ND<10					
B-6RD	05/07/03		ND<10					
B-6RD	08/08/03		ND<10					
B-6RD	11/07/03		ND<10					
B-6RD	02/06/04		ND<10					
B-6RD	05/04/04		ND<10					
B-6RD	08/05/04		ND<10					
B-6RD	11/18/04		ND<10			0.22		
B-6RD	02/04/05		ND<10			0.76		
B-6RD	05/12/05		ND<10			0.59		
B-6RD	08/05/05		ND<10			1.52		
B-6RD	11/23/05							Well inaccessible Well Abandoned
B-7								
B-7	04/24/92							
B-7	06/30/92							
B-7	09/16/92							
B-7	01/12/93							
B-7	03/22/93							
B-7	05/03/93							
B-7	07/21/93							
B-7	10/25/93							
B-7	12/03/93							
B-7	02/02/94							
B-7	02/12/94							
B-7	02/19/94							
B-7	02/26/94							
B-7	03/10/94							
B-7	04/27/94							
B-7	07/27/94							
B-7	08/17/94							
B-7	12/19/94							
B-7	02/15/95							
B-7	04/13/95					0.9	ESD Probe	
B-7	07/13/95					0.8	ESD Probe	
B-7	10/10/95							Well inaccessible
B-7	01/24/96					1.0	ESD Probe	

TABLE 3
ADDITIONAL GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
20001 Brookhurst Street, Huntington Beach

WELL	DATE GAUGED	DATE SAMPLED	MEK (ug/L)	ETHANOL (ug/L)	ORP (m/V)	DO (ppm)	DO METHOD	COMMENTS
B-7	04/22/96					0.6	ESD Probe	
B-7	07/25/96					1.2	ESD Probe	
B-7	02/17/97							
B-7	05/15/97							
B-7	09/11/97					0.7	ESD Probe	
B-7	12/05/97							
B-7	02/27/98							
B-7	04/08/98							
B-7	08/17/98							Well inaccessible
B-7	10/20/98							Not sampled
B-7	01/08/99							Well inaccessible
B-7	04/01/99							Not sampled
B-7								
B-7	07/02/99							Not sampled
B-7	10/22/99							Well inaccessible
B-7	02/03/00							Not sampled
B-7	04/25/00					1.6	ESD Probe	
B-7	07/24/00					1.9	ESD Probe	
B-7	10/24/00							Not sampled
B-7	02/09/01							
B-7	03/06/01		ND<10			2.0	ESD Probe	
B-7	06/29/01		ND<10			1.5	ESD Probe	
B-7	09/07/01							Well Abandoned
B-8								
B-8	04/24/92							Street well
B-8	06/30/92							
B-8	09/16/92							
B-8	01/12/93							
B-8	03/22/93							
B-8	05/03/93							
B-8	07/21/93							
B-8	10/25/93							
B-8	12/03/93							
B-8	02/02/94							
B-8	02/12/94							
B-8	02/19/94							
B-8	02/26/94							
B-8	03/10/94							
B-8	04/27/94							
B-8	07/27/94							
B-8	08/17/94							
B-8	12/19/94							
B-8	02/15/95							
B-8	04/13/95					1.1	ESD Probe	
B-8	07/13/95					2.3	ESD Probe	
B-8	10/10/95					2.1	ESD Probe	
B-8	01/24/96					0.5	ESD Probe	
B-8	04/22/96					2.1	ESD Probe	
B-8	07/25/96					1.7	ESD Probe	
B-8	02/17/97							
B-8	05/15/97							
B-8	09/11/97					1.5	ESD Probe	
B-8	12/05/97							
B-8	02/27/98							
B-8	04/08/98							
B-8	08/17/98					0.9	ESD Probe	
B-8	10/20/98							Not sampled
B-8	01/08/99							Not sampled
B-8	04/01/99							Not sampled
B-8								
B-8	07/02/99							Not sampled
B-8	10/22/99							Not sampled
B-8	02/03/00							Not sampled

TABLE 3
ADDITIONAL GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
20001 Brookhurst Street, Huntington Beach

WELL	DATE GAUGED	DATE SAMPLED	MEK (ug/L)	ETHANOL (ug/L)	ORP (m/V)	DO (ppm)	DO METHOD	COMMENTS
B-8	04/25/00					1.2	ESD Probe	
B-8	07/24/00					1.3	ESD Probe	
B-8	10/24/00							Not sampled
B-8	02/09/01							
B-8	03/06/01		ND<20			1.0	ESD Probe	
B-8	06/29/01		ND<100			0.8	ESD Probe	
B-8	09/07/01		ND<20					
B-8	12/10/01		ND<20					
B-8	02/06/02		ND<20					
B-8	05/16/02		ND<20					
B-8	08/02/02		ND<20					
B-8	11/07/02		ND<10					
B-8	02/04/03		ND<10					
B-8	05/07/03		ND<10					
B-8	08/08/03		ND<10					
B-8	11/07/03		ND<10					
B-8	02/06/04		ND<10					
B-8	05/04/04		ND<10					
B-8	08/05/04		ND<10					
B-8	11/18/04		ND<10			0.91		
B-8	02/04/05		ND<10			0.48		
B-8	05/12/05		ND<10			1.5		
B-8	08/05/05		ND<10			1.24		
B-8	11/23/05		ND<10			1.69		
B-8	02/09/06					1.63		
B-8	05/09/06					1.49		
B-8	08/24/06							
B-8	11/17/06							
B-8	03/02/07							
B-8	06/05/07							Unable to locate
B-8	09/10/07							
B-8	10/29/07					0.13		
B-8	03/25/08				70	1.38		
B-8	06/23/08				527	1.41		
B-8	09/02/08	09/03/08			60	1.39		
B-8	12/11/08	12/11/08			3	1.19		
B-8	03/04/09	03/04/09			-29	0.73		
B-8	06/02/09	06/02/09			-33	1.69		
B-8	07/28/09	07/28/09			-94	1.44		
B-8	11/06/09							
B-8	03/03/10							
B-8	06/01/10				55	0.71		
B-8	08/31/10		ND<10	ND<100				
B-8	12/01/10		ND<10	ND<100				
B-8	03/02/11							Street well (inaccessible)
B-8	03/25/11	03/25/11	ND<10	ND<100				
B-8	06/02/11	06/02/11		ND<100				
B-8	09/06/11	09/06/11		ND<100				
B-8	03/05/12	03/05/12		ND<100				
B-8	09/11/12	09/11/12		ND<100				
B-9								
B-9	04/24/92							
B-9	06/30/92							
B-9	09/16/92							
B-9	01/12/93							
B-9	03/22/93							
B-9	05/03/93							
B-9	07/21/93							
B-9	10/25/93							
B-9	12/03/93							
B-9	02/02/94							
B-9	02/12/94							
B-9	02/19/94							

TABLE 3
ADDITIONAL GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
20001 Brookhurst Street, Huntington Beach

WELL	DATE GAUGED	DATE SAMPLED	MEK (ug/L)	ETHANOL (ug/L)	ORP (m/V)	DO (ppm)	DO METHOD	COMMENTS
B-9	02/26/94							
B-9	03/10/94							
B-9	04/27/94							
B-9	07/27/94							
B-9	08/17/94							
B-9	12/19/94							
B-9	02/15/95							
B-9	04/13/95					0.8	ESD Probe	
B-9	07/13/95					2.9	ESD Probe	
B-9	10/10/95					1.8	ESD Probe	
B-9	01/24/96					1.4	ESD Probe	
B-9	04/22/96					1.4	ESD Probe	
B-9	07/25/96					0.9	ESD Probe	
B-9	02/17/97					0.9	ESD Probe	
B-9	05/15/97					1.3	ESD Probe	
B-9	09/11/97					0.8	ESD Probe	
B-9	12/05/97					1.6	ESD Probe	
B-9	02/27/98					1.7	ESD Probe	
B-9	04/08/98					2.1	ESD Probe	
B-9	08/17/98					1.1	ESD Probe	
B-9	10/20/98					0.9	ESD Probe	
B-9	01/08/99					2.1	ESD Probe	
B-9	04/01/99					0.8	ESD Probe	
B-9								
B-9	07/02/99					0.5	ESD Probe	No purge sample
B-9	10/22/99					2.3	ESD Probe	No purge sample
B-9	02/03/00					1.3	ESD Probe	No purge sample
B-9	04/25/00					1.6	ESD Probe	
B-9	07/24/00					1.9	ESD Probe	
B-9	10/24/00					2.6	ESD Probe	
B-9	11/28/00					0.4	ESD Probe	
B-9	02/09/01					2.0	ESD Probe	
B-9	03/06/01							
B-9	06/29/01		ND<10			1.4	ESD Probe	
B-9	09/07/01		ND<20					
B-9	12/10/01		ND<20					
B-9	02/06/02		ND<20					
B-9	05/16/02		ND<20					
B-9	08/02/02		ND<20					
B-9	11/07/02		ND<10					
B-9	02/04/03		ND<10					
B-9	05/07/03		ND<10					
B-9	08/08/03		ND<10					
B-9	11/07/03		ND<10					
B-9	02/06/04		ND<10					
B-9	05/04/04		ND<10					
B-9	08/05/04		ND<10					
B-9	11/18/04		ND<10			1.50		
B-9	02/04/05		ND<10			0.38		
B-9	05/12/05		ND<10			1.98		
B-9	08/05/05		ND<10			2.76		
B-9	11/23/05		ND<10			1.47		
B-9	02/09/06					2.11		
B-9	05/09/06					1.14		
B-9	08/24/06							
B-9	11/17/06							
B-9	03/02/07							
B-9	06/05/07					1.21		
B-9	09/10/07							
B-9	10/29/07					0.52		
B-9	03/25/08				5	1.98		
B-9	06/23/08				36	1.75		
B-9	09/02/08	09/02/08			135	0.12		
B-9	12/11/08	12/11/08			-58	1.75		

TABLE 3
ADDITIONAL GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
20001 Brookhurst Street, Huntington Beach

WELL	DATE GAUGED	DATE SAMPLED	MEK (ug/L)	ETHANOL (ug/L)	ORP (m/V)	DO (ppm)	DO METHOD	COMMENTS
B-9	03/04/09	03/04/09			15	1.85		
B-9	06/02/09	06/02/09			-12	0.92		
B-9	11/06/09							
B-9	06/01/10				46	0.34		
B-9	08/31/10		ND<10	ND<100				
B-9	12/01/10		ND<10	ND<100				
B-9	03/02/11	03/02/11	ND<20					
B-9	06/02/11	06/02/11		ND<100				
B-9	09/06/11	09/06/11		ND<100				
B-9	03/05/12	03/05/12		ND<100				
B-9	09/11/12	09/11/12		ND<100				
B-10								
B-10	12/20/96					1.3	ESD Probe	
B-10	02/17/97					1.5	ESD Probe	
B-10	05/15/97					0.6	ESD Probe	
B-10	09/11/97					0.7	ESD Probe	
B-10	12/05/97					1.9	ESD Probe	
B-10	02/27/98					1.0	ESD Probe	
B-10	04/08/98					0.9	ESD Probe	
B-10	08/17/98					0.9	ESD Probe	
B-10	10/20/98					1.1	ESD Probe	
B-10	01/08/99					1.1	ESD Probe	
B-10	04/01/99					0.4	ESD Probe	
B-10								
B-10	07/02/99					0.7	ESD Probe	No purge sample
B-10	10/22/99					1.4	ESD Probe	No purge sample
B-10	02/03/00					1.2	ESD Probe	No purge sample
B-10	04/25/00					1.4	ESD Probe	
B-10	07/24/00							Car parked over well
B-10	10/24/00					1.1	ESD Probe	
B-10	11/28/00					0.6	ESD Probe	
B-10	02/09/01					0.9	ESD Probe	
B-10	03/06/01							
B-10	06/29/01		ND<1000			1.0	ESD Probe	
B-10	09/07/01		ND<20					
B-10	12/10/01		ND<20					
B-10	02/06/02		ND<20					
B-10	05/16/02		310 J					Sampled from port
B-10	08/02/02		ND<20					
B-10	11/07/02		ND<100					
B-10	02/04/03		ND<20					
B-10	05/07/03		ND<10					
B-10	08/08/03		ND<200					
B-10	11/07/03		ND<50					
B-10	02/06/04		ND<10					
B-10	05/04/04		ND<10					
B-10	08/05/04		ND<20					
B-10	11/18/04		ND<10			0.22		
B-10	02/04/05		ND<10			0.05		
B-10	05/12/05		ND<10			0.13		
B-10	08/05/05		ND<10			0.92		
B-10	11/23/05		ND<50			0.62		
B-10	02/09/06					0.55		
B-10	05/09/06					0.21		
B-10	08/24/06							
B-10	11/17/06							
B-10	03/02/07							
B-10	06/05/07					0.35		
B-10	09/10/07							
B-10	10/29/07					0.37		
B-10	03/25/08				-113	0.23		
B-10	06/23/08				-90	0.10		
B-10	09/02/08	09/03/08			-106	0.07		

TABLE 3
ADDITIONAL GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
20001 Brookhurst Street, Huntington Beach

WELL	DATE GAUGED	DATE SAMPLED	MEK (ug/L)	ETHANOL (ug/L)	ORP (m/V)	DO (ppm)	DO METHOD	COMMENTS
B-10	12/11/08	12/11/08			-100	0.42		
B-10	03/04/09	03/04/09			-130	0.10		
B-10	06/02/09	06/02/09			-94	2.52		
B-10	07/28/09	07/28/09			-82	0.14		
B-10	11/06/09							
B-10	03/03/10							
B-10	06/01/10				23	0.30		
B-10	08/31/10		ND<10	ND<100				
B-10	12/01/10		ND<10	ND<100				
B-10	03/02/11	03/02/11	ND<20					
B-10	06/02/11	06/02/11		ND<100				
B-10	09/06/11	09/06/11		ND<100				
B-10	03/05/12	03/05/12		ND<100				
B-10	09/11/12	09/11/12		ND<100				
B-11								
B-11	06/29/01		ND<10			1.7	ESD Probe	
B-11	09/07/01		ND<20					
B-11	12/10/01		ND<20					
B-11	02/06/02		ND<20					
B-11	05/16/02		ND<20					
B-11	08/02/02		ND<20					
B-11	11/07/02		ND<10					
B-11	02/04/03		ND<10					
B-11	05/07/03		ND<10					
B-11	08/08/03		ND<10					
B-11	11/07/03		ND<10					
B-11	02/06/04		ND<10					
B-11	05/04/04		ND<10					
B-11	08/05/04		ND<10					
B-11	11/18/04		ND<10			0.43		
B-11	02/04/05		ND<10			0.49		
B-11	05/12/05		ND<10			1.41		
B-11	08/05/05		ND<10			1.45		
B-11	11/23/05		ND<10			0.69		
B-11	02/09/06					1.81		
B-11	05/09/06					1.03		
B-11	08/24/06							
B-11	11/17/06							
B-11	03/02/07							
B-11	06/05/07					0.86		
B-11	09/10/07							
B-11	10/29/07					2.55		
B-11	03/25/08				34	2.71		
B-11	06/23/08				163	0.91		
B-11	09/02/08				11	0.07		
B-11	12/11/08	12/11/08			17	1.6		
B-11	03/04/09	03/04/09			7	0.13		
B-11	06/02/09	06/02/09			55	0.89		
B-11	11/06/09							
B-11	06/01/10				54	0.23		
B-11	08/31/10		ND<10	ND<100				
B-11	12/01/10		ND<10	ND<100				
B-11	03/02/11							Street well (inaccessible)
B-11	03/25/11	03/25/11	ND<10	ND<100				
B-11	06/02/11	06/02/11		ND<100				
B-11	09/06/11	09/06/11		ND<100				
B-11	03/05/12	03/05/12		ND<100				
B-11	09/11/12	09/11/12		ND<100				
B-12								
B-12	06/29/01		ND<500			1.2	ESD Probe	
B-12	09/07/01		ND<20					
B-12	12/10/01		ND<20	ND<5				

TABLE 3
ADDITIONAL GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
20001 Brookhurst Street, Huntington Beach

WELL	DATE GAUGED	DATE SAMPLED	MEK (ug/L)	ETHANOL (ug/L)	ORP (m/V)	DO (ppm)	DO METHOD	COMMENTS
B-12	02/06/02		ND<20					
B-12	05/16/02		ND<20					
B-12	08/02/02		ND<20					
B-12	11/07/02		ND<100					
B-12	02/04/03		ND<200					
B-12	05/07/03		ND<200					
B-12	08/08/03		ND<200					
B-12	11/07/03		ND<200					
B-12	02/06/04		ND<100					
B-12	05/04/04		ND<50					
B-12	08/05/04		ND<50					
B-12	11/18/04		ND<100			0.29		
B-12	02/04/05		ND<200			0.25		
B-12	05/12/05		ND<100			0.29		
B-12	08/05/05		ND<100			0.17		
B-12	11/23/05		ND<10			0.36		
B-12	02/09/06					0.36		
B-12	05/09/06					0.31		
B-12	08/24/06							
B-12	11/17/06							
B-12	03/02/07							
B-12	06/05/07					0.15		
B-12	09/10/07							
B-12	10/29/07					0.09		
B-12	03/25/08				-30	0.52		
B-12	06/23/08				-30	0.27		
B-12	09/02/08	09/02/08			-49	0.16		
B-12	12/11/08	12/11/08			-39	0.39		
B-12	03/04/09	03/04/09			-94	0.48		
B-12	06/02/09	06/02/09			-20	0.9		
B-12	07/28/09	07/28/09			-77	0.21		
B-12	11/06/09							
B-12	03/03/10							
B-12	06/01/10				53	0.45		
B-12	08/31/10		ND<10	ND<100				
B-12	12/01/10		ND<10	ND<100				
B-12	03/02/11							Street well (inaccessible)
B-12	03/25/11	03/25/11	ND<10	ND<100				
B-12	06/02/11	06/02/11		ND<100				
B-12	09/06/11	09/06/11		ND<100				
B-12	03/05/12	03/05/12		ND<100				
B-12	09/11/12	09/11/12		ND<200				
B-13								
B-13	06/29/01		ND<10			1.6	ESD Probe	
B-13	09/07/01		ND<20					
B-13	12/10/01		ND<20					
B-13	02/06/02		ND<20					
B-13	05/16/02		ND<20					
B-13	08/02/02		ND<20					
B-13	11/07/02		ND<10					
B-13	02/04/03		ND<10					
B-13	05/07/03		ND<10					
B-13	08/08/03		ND<10					
B-13	11/07/03		ND<10					
B-13	02/06/04		ND<10					
B-13	05/04/04		ND<10					
B-13	08/05/04		ND<10					
B-13	11/18/04		ND<10			0.55		
B-13	02/04/05		ND<10			0.93		
B-13	05/12/05		ND<10			0.95		
B-13	08/05/05		ND<10			0.39		
B-13	11/23/05		ND<10			1.52		
B-13	02/09/06					0.74		

TABLE 3
ADDITIONAL GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
20001 Brookhurst Street, Huntington Beach

WELL	DATE GAUGED	DATE SAMPLED	MEK (ug/L)	ETHANOL (ug/L)	ORP (m/V)	DO (ppm)	DO METHOD	COMMENTS
B-13	05/09/06					0.34		
B-13	08/24/06							
B-13	11/17/06							
B-13	03/02/07							
B-13	06/05/07					0.20		
B-13	09/10/07							
B-13	10/29/07					0.29		
B-13	03/25/08				116	0.64		
B-13	06/23/08				124	0.82		
B-13	09/02/08	09/02/08			78	0.15		
B-13	12/11/08	12/11/08			97	1.11		
B-13	03/04/09	03/04/09			16	0.16		
B-13	06/02/09	06/02/09			-25	1.05		
B-13	11/06/09							
B-13	06/01/10				77	0.71		
B-13	08/31/10		ND<10	ND<100				
B-13	12/01/10		ND<10	ND<100				
B-13	03/02/11							Street well (inaccessible)
B-13	03/25/11	03/25/11	ND<10	ND<100				
B-13	06/02/11	06/02/11		ND<100				
B-13	09/06/11	09/06/11		ND<100				
B-13	03/05/12	03/05/12		ND<100				
B-13	09/11/12	09/11/12		ND<100				
DPE-2	09/11/12	09/11/12		ND<10000				
DPE-5	09/11/12	09/11/12		ND<500				
MW-1								
MW-1	09/10/07							
MW-1	10/29/07					0.07		
MW-1	03/25/08				28	1.01		
MW-1	06/23/08				1	1.33		
MW-1	09/02/08	09/02/08			108	0.05		
MW-1	12/11/08	12/11/08			4	1.66		
MW-1	03/04/09	03/04/09			31	0.91		
MW-1	06/02/09	06/02/09			166	1.02		
MW-1	07/28/09	07/28/09			-60	0.89		
MW-1	11/06/09							
MW-1	03/03/10							
MW-1	06/01/10				14	0.13		
MW-1	08/31/10		ND<10	ND<100				
MW-1	12/01/10		ND<10	ND<100				
MW-1	03/02/11	03/02/11	ND<20					
MW-1	06/02/11	06/02/11		ND<100				
MW-1	09/06/11	09/06/11		ND<100				
MW-1	03/05/12	03/05/12		ND<100				
MW-1	09/11/12	09/11/12		ND<100				
MW-2								
MW-2	10/17/07							
MW-2	10/29/07					0.22		
MW-2	03/25/08				115	1.48		
MW-2	06/23/08				78	0.38		
MW-2	09/02/08	09/03/08			69	0.40		
MW-2	12/11/08	12/11/08			83	0.60		
MW-2	03/04/09	03/04/09			41	0.10		
MW-2	06/02/09	06/02/09			40	0.98		
MW-2	07/28/09	07/28/09			58	1.28		
MW-2	11/06/09							
MW-2	03/03/10							
MW-2	06/01/10				58	0.59		
MW-2	08/31/10		ND<10	ND<100				
MW-2	12/01/10		ND<10	ND<100				
MW-2	03/02/11							Street well (inaccessible)
MW-2	03/25/11	03/25/11	ND<10	ND<100				

TABLE 3
ADDITIONAL GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
20001 Brookhurst Street, Huntington Beach

WELL	DATE GAUGED	DATE SAMPLED	MEK (ug/L)	ETHANOL (ug/L)	ORP (m/V)	DO (ppm)	DO METHOD	COMMENTS
MW-2	06/02/11	06/02/11		ND<200				
MW-2	09/06/11	09/06/11		ND<100				
MW-2	03/05/12	03/05/12		ND<100				
MW-2	09/11/12	09/11/12		ND<100				
MW-3								
MW-3	07/09/09	07/09/09						
MW-3	07/28/09	07/28/09			-41	0.15		
MW-3								
MW-3	11/06/09							
MW-3	03/03/10							
MW-3	06/01/10				119	0.62		
MW-3	08/31/10		ND<10	ND<100				
MW-3	12/01/10		ND<10	ND<100				
MW-3	03/02/11	03/02/11	ND<20					
MW-3	06/02/11	06/02/11		ND<100				
MW-3	09/06/11	09/06/11		ND<100				
MW-3	03/05/12	03/05/12		ND<100				
MW-3	09/11/12	09/11/12		ND<100				
MW-4A								
MW-4A	07/03/12							Well Development
MW-4A	07/03/12							Well Development
MW-4A	07/06/12	07/06/12	ND<20	ND<200				
MW-4A	07/06/12	07/06/12	ND<20	ND<200				
MW-4A	09/11/12	09/11/12		ND<200				
MW-4B								
MW-4B	07/03/12							Well Development
MW-4B	07/03/12							Well Development
MW-4B	07/06/12	07/06/12	ND<20	ND<200				
MW-4B	07/06/12	07/06/12	ND<20	ND<200				
MW-4B	09/11/12	09/11/12		ND<200				
MW-4C								
MW-4C	07/03/12							Well Development
MW-4C	07/03/12							Well Development
MW-4C	07/06/12	07/06/12	ND<10	ND<100				
MW-4C	07/06/12	07/06/12	ND<10	ND<100				
MW-4C	09/11/12	09/11/12		ND<100				
MW-5A								
MW-5A	07/03/12							Well Development
MW-5A	07/03/12							Well Development
MW-5A	07/06/12	07/06/12	ND<1000	ND<10000				
MW-5A	07/06/12	07/06/12	ND<1000	ND<10000				
MW-5A	09/11/12	09/11/12		ND<10000				
MW-5B								
MW-5B	07/03/12							Well Development
MW-5B	07/03/12							Well Development
MW-5B	07/06/12	07/06/12	ND<200	ND<2000				
MW-5B	07/06/12	07/06/12	ND<200	ND<2000				
MW-5B	09/11/12	09/11/12		ND<2000				
MW-5C								
MW-5C	07/03/12							Well Development
MW-5C	07/03/12							Well Development
MW-5C	07/06/12	07/06/12	ND<10	ND<100				
MW-5C	07/06/12	07/06/12	ND<10	ND<100				
MW-5C	09/11/12	09/11/12		ND<100				
VEW-2								
VEW-2	12/03/93							

TABLE 3
ADDITIONAL GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
20001 Brookhurst Street, Huntington Beach

WELL	DATE GAUGED	DATE SAMPLED	MEK (ug/L)	ETHANOL (ug/L)	ORP (m/V)	DO (ppm)	DO METHOD	COMMENTS
VEW-2	02/02/94							
VEW-2	02/12/94							
VEW-2	02/19/94							
VEW-2	02/26/94							
VEW-2	03/10/94							
VEW-2	04/27/94							
VEW-2	07/27/94							
VEW-2	08/17/94							
VEW-2	12/19/94							
VEW-2								
VEW-2	02/15/95							
VEW-2	04/13/95					0.3	ESD Probe	
VEW-2	07/13/95					0.6	ESD Probe	
VEW-2	10/10/95					0.5	ESD Probe	
VEW-2	01/24/96					0.7	ESD Probe	
VEW-2	04/22/96					0.6	ESD Probe	
VEW-2	07/25/96					0.3	ESD Probe	
VEW-2	02/17/97					1.2	ESD Probe	
VEW-2	05/15/97					0.8	ESD Probe	
VEW-2								
VEW-2	09/11/97							ORC sock in well
VEW-2	12/05/97							ORC sock in well
VEW-2	02/27/98					0.7	ESD Probe	
VEW-2	04/08/98					2.0	ESD Probe	
VEW-2	08/17/98					3.2	ESD Probe	
VEW-2	10/20/98					1.4	ESD Probe	
VEW-2	01/08/99					1.8	ESD Probe	ORC sock in well
VEW-2	04/01/99					0.4	ESD Probe	
VEW-2								
VEW-2	07/02/99					1.0	ESD Probe	No purge sample
VEW-2	10/22/99					0.9	ESD Probe	ORC sock in well
VEW-2	02/03/00					0.7	ESD Probe	No purge sample
VEW-2	04/25/00					1.8	ESD Probe	
VEW-2	07/24/00					1.9	ESD Probe	
VEW-2	10/24/00					1.0	ESD Probe	ORC stuck in well
VEW-2	11/28/00					0.6	ESD Probe	ORC stuck in well
VEW-2	02/09/01					0.8	ESD Probe	
VEW-2	03/06/01							ORC sock stuck in well
VEW-2	06/29/01		ND<100			0.2	ESD Probe	
VEW-2	09/07/01		ND<20					
VEW-2	12/10/01		ND<20					
VEW-2	02/06/02		ND<20					
VEW-2	05/16/02		100					Sampled from port
VEW-2	08/02/02		ND<20					
VEW-2	11/07/02		ND<200					
VEW-2	02/04/03		ND<100					
VEW-2	05/07/03		ND<50					
VEW-2	08/08/03		ND<100					
VEW-2	11/07/03		ND<50					
VEW-2	02/06/04		ND<20					
VEW-2	05/04/04		ND<20					
VEW-2	08/05/04		ND<20					
VEW-2	11/18/04		ND<50			0.74		
VEW-2	02/04/05		ND<20			0.57		
VEW-2	05/12/05		ND<10			0.19		
VEW-2	08/05/05		ND<10			0.42		
VEW-2	11/23/05		ND<10			1.52		
VEW-2	02/09/06					0.33		
VEW-2	05/09/06					0.25		
VEW-2	08/24/06							
VEW-2	11/17/06							
VEW-2	03/02/07							
VEW-2	06/05/07					0.15		
VEW-2	09/10/07							

TABLE 3
ADDITIONAL GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
20001 Brookhurst Street, Huntington Beach

WELL	DATE GAUGED	DATE SAMPLED	MEK (ug/L)	ETHANOL (ug/L)	ORP (m/V)	DO (ppm)	DO METHOD	COMMENTS
VEW-2	10/29/07					0.11		
VEW-2	03/25/08				-75	0.12		
VEW-2	06/23/08				-67	0.12		
VEW-2	09/02/08	09/03/08			-120	0.06		
VEW-2	12/11/08	12/11/08			-68	0.1		
VEW-2	03/04/09	03/04/09			-117	0.30		
VEW-2	06/02/09	06/02/09			-121	0.84		
VEW-2	07/28/09	07/28/09			-85	0.29		
VEW-2	11/06/09							
VEW-2	03/03/10							
VEW-2	06/01/10				15	0.17		
VEW-2	08/31/10		ND<20	ND<200				
VEW-2	12/01/10		ND<10	ND<100				
VEW-2	03/02/11	03/02/11	ND<100					
VEW-2	06/02/11	06/02/11		ND<500				
VEW-2	09/06/11	09/06/11		ND<500				
VEW-2	03/05/12	03/05/12		ND<500				
VEW-2	09/11/12	09/11/12		ND<500				
VEW-3								
VEW-3	12/03/93							Well dry
VEW-3	02/02/94							
VEW-3	02/12/94							
VEW-3	02/19/94							
VEW-3	02/26/94							
VEW-3	03/10/94							
VEW-3	04/27/94							Well dry
VEW-3	07/27/94							Well dry
VEW-3	08/17/94							Well dry
VEW-3	12/19/94							Well dry
VEW-3	02/15/95							Insufficient water column
VEW-3	04/13/95					0.2	ESD Probe	
VEW-3	07/13/95							Well covered with asphalt
VEW-3	04/22/96							Well covered with asphalt
VEW-3	07/25/96							Well covered with asphalt
VEW-3	05/15/97							Well covered with asphalt
VEW-3	09/11/97							Well covered with asphalt
VEW-3	12/05/97							Well covered with asphalt
VEW-3	02/27/98							Well covered with asphalt
VEW-3	04/08/98							Well covered with asphalt
VEW-3	08/17/98							Well covered with asphalt
VEW-3	10/20/98							Well covered with asphalt
VEW-3	01/08/99							Well covered with asphalt
VEW-3	04/01/99							Well covered with asphalt
VEW-3	07/02/99							Well destroyed
VEW-4								
VEW-4	12/03/93							
VEW-4	02/02/94							
VEW-4	02/12/94							
VEW-4	02/19/94							
VEW-4	02/26/94							
VEW-4	03/10/94							
VEW-4	04/27/94							
VEW-4	07/27/94							
VEW-4	08/17/94							
VEW-4	12/19/94							
VEW-4								
VEW-4	02/15/95							
VEW-4	04/13/95					0.9	ESD Probe	
VEW-4	07/13/95					1.6	ESD Probe	
VEW-4	10/10/95					1.6	ESD Probe	
VEW-4	01/24/96					0.4	ESD Probe	
VEW-4	04/22/96					1.6	ESD Probe	

TABLE 3
ADDITIONAL GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
20001 Brookhurst Street, Huntington Beach

WELL	DATE GAUGED	DATE SAMPLED	MEK (ug/L)	ETHANOL (ug/L)	ORP (m/V)	DO (ppm)	DO METHOD	COMMENTS
VEW-4	07/25/96					1.6	ESD Probe	
VEW-4	02/17/97					1.6	ESD Probe	
VEW-4	05/15/97					1.8	ESD Probe	
VEW-4								
VEW-4	09/11/97					0.4	ESD Probe	
VEW-4	12/05/97					1.5	ESD Probe	
VEW-4	02/27/98					1.8	ESD Probe	
VEW-4	04/08/98					1.7	ESD Probe	
VEW-4	08/17/98					1.5	ESD Probe	
VEW-4	10/20/98					0.5	ESD Probe	
VEW-4	01/08/99					0.7	ESD Probe	
VEW-4	04/01/99					0.2	ESD Probe	
VEW-4								
VEW-4	07/02/99					0.4	ESD Probe	No purge sample
VEW-4	10/22/99					2.3	ESD Probe	No purge sample
VEW-4	02/03/00					0.8	ESD Probe	No purge sample
VEW-4	04/25/00					1.5	ESD Probe	
VEW-4	07/24/00					1.2	ESD Probe	
VEW-4	10/24/00					0.9	ESD Probe	
VEW-4	11/28/00					1.2	ESD Probe	
VEW-4	02/09/01					1.0	ESD Probe	
VEW-4	03/06/01							
VEW-4	06/29/01		ND<200			1.3	ESD Probe	
VEW-4	09/07/01		ND<20					
VEW-4	12/10/01		ND<20					
VEW-4	02/06/02		ND<20					
VEW-4	05/16/02		500 J					Sampled from port
VEW-4	08/02/02		ND<20					
VEW-4	11/07/02		ND<10					
VEW-4	02/04/03		ND<20					
VEW-4	05/07/03		ND<20					
VEW-4	08/08/03		ND<10					
VEW-4	11/07/03		ND<10					
VEW-4	02/06/04		ND<10					
VEW-4	05/04/04		ND<10					
VEW-4	08/05/04		ND<10					
VEW-4	11/18/04		ND<10			0.44		
VEW-4	02/04/05		ND<10			0.07		
VEW-4	05/12/05		ND<10			0.11		
VEW-4	08/05/05		ND<10			0.19		
VEW-4	11/23/05		ND<10			0.65		
VEW-4	02/09/06					0.28		
VEW-4	05/09/06					0.16		
VEW-4	08/24/06							
VEW-4	11/17/06							
VEW-4	03/02/07							
VEW-4	06/05/07					0.12		
VEW-4	09/10/07							
VEW-4	10/29/07					0.14		
VEW-4	03/25/08				-49	0.36		
VEW-4	06/23/08				-70	0.10		
VEW-4	09/02/08	09/03/08			-95	0.09		
VEW-4	12/11/08	12/11/08			-72	0.26		
VEW-4	03/04/09	03/04/09			-92	0.12		
VEW-4	06/02/09	06/02/09			-33	0.99		
VEW-4	07/28/09	07/28/09			-86	0.19		
VEW-4	11/06/09							
VEW-4	03/03/10							
VEW-4	06/01/10				27	0.41		
VEW-4	08/31/10		ND<10	ND<100				
VEW-4	12/01/10		ND<10	ND<100				
VEW-4	03/02/11	03/02/11	ND<20					
VEW-4	06/02/11	06/02/11		ND<100				
VEW-4	09/06/11	09/06/11		ND<100				

TABLE 3
ADDITIONAL GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
20001 Brookhurst Street, Huntington Beach

WELL	DATE GAUGED	DATE SAMPLED	MEK (ug/L)	ETHANOL (ug/L)	ORP (m/V)	DO (ppm)	DO METHOD	COMMENTS
VEW-4	03/05/12	03/05/12		ND<100				
VEW-4	09/11/12	09/11/12		ND<100				
VEW-5								
VEW-5	12/03/93							
VEW-5	02/02/94							
VEW-5	02/12/94							
VEW-5	02/19/94							
VEW-5	02/26/94							
VEW-5	03/10/94							
VEW-5	04/27/94							
VEW-5	07/27/94							
VEW-5	08/17/94							
VEW-5	12/19/94							
VEW-5								
VEW-5	02/15/95							
VEW-5	04/13/95					0.8	ESD Probe	
VEW-5	07/13/95					2.2	ESD Probe	
VEW-5	10/10/95					1.3	ESD Probe	
VEW-5	01/24/96					0.6	ESD Probe	
VEW-5	04/22/96					1.1	ESD Probe	
VEW-5	07/25/96					1.1	ESD Probe	
VEW-5	02/17/97					1.4	ESD Probe	
VEW-5	05/15/97					1.0	ESD Probe	
VEW-5								
VEW-5	09/11/97							ORC sock in well
VEW-5	12/05/97							ORC sock in well
VEW-5	02/27/98					0.9	ESD Probe	
VEW-5	04/08/98					1.8	ESD Probe	
VEW-5	08/17/98					1.9	ESD Probe	
VEW-5	10/20/98					1.5	ESD Probe	
VEW-5	01/08/99					1.8	ESD Probe	ORC sock in well
VEW-5	04/01/99					1.2	ESD Probe	
VEW-5								
VEW-5	07/02/99					1.0	ESD Probe	No purge sample
VEW-5	10/22/99					1.6	ESD Probe	No purge sample
VEW-5	02/03/00					1.0	ESD Probe	No purge sample
VEW-5	04/25/00					2.0	ESD Probe	
VEW-5	07/24/00					1.7	ESD Probe	
VEW-5	10/24/00					0.9	ESD Probe	
VEW-5	02/09/01					0.6	ESD Probe	
VEW-5	03/06/01							
VEW-5	06/29/01		ND<2500			0.5	ESD Probe	
VEW-5	09/07/01		ND<20					
VEW-5	12/10/01		ND<20					
VEW-5	02/06/02		ND<20					
VEW-5	05/16/02		140					Sampled from port
VEW-5	08/02/02		ND<20					
VEW-5	11/07/02		ND<100					
VEW-5	02/04/03		ND<100					
VEW-5	05/07/03		ND<20					
VEW-5	08/08/03		ND<10					
VEW-5	11/07/03		ND<10					
VEW-5	02/06/04		ND<10					
VEW-5	05/04/04		ND<10					
VEW-5	08/05/04		ND<10					
VEW-5	11/18/04		ND<10			0.27		
VEW-5	02/04/05		ND<10			0.32		
VEW-5	05/12/05		ND<10			0.24		
VEW-5	08/05/05		ND<20			0.19		
VEW-5	11/23/05		ND<10			0.56		
VEW-5	02/09/06					0.46		
VEW-5	05/09/06					0.39		
VEW-5	08/24/06							

TABLE 3
ADDITIONAL GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
20001 Brookhurst Street, Huntington Beach

WELL	DATE GAUGED	DATE SAMPLED	MEK (ug/L)	ETHANOL (ug/L)	ORP (m/V)	DO (ppm)	DO METHOD	COMMENTS
VEW-5	11/17/06							
VEW-5	03/02/07							
VEW-5	06/05/07					0.32		
VEW-5	09/10/07							
VEW-5	10/29/07					0.10		
VEW-5	03/25/08				19	0.57		
VEW-5	06/23/08				-27	0.66		
VEW-5	09/02/08	09/03/08			-56	0.06		
VEW-5	12/11/08	12/11/08			-63	0.32		
VEW-5	03/04/09	03/04/09			-43	0.09		
VEW-5	06/02/09	06/02/09			-19	0.95		
VEW-5	07/28/09	07/28/09			-54	0.45		
VEW-5	11/06/09							
VEW-5	03/03/10							
VEW-5	06/01/10				33	0.37		
VEW-5	08/31/10		ND<10	ND<100				
VEW-5	12/01/10		ND<10	ND<100				
VEW-5	03/02/11	03/02/11	ND<20					
VEW-5	06/02/11	06/02/11		ND<100				
VEW-5	09/06/11	09/06/11		ND<100				
VEW-5	03/05/12	03/05/12		ND<100				
VEW-5	09/11/12	09/11/12		ND<100				
VEW-6								
VEW-6	12/03/93							
VEW-6	02/02/94							
VEW-6	02/12/94							
VEW-6	02/19/94							
VEW-6	02/26/94							
VEW-6	03/10/94							
VEW-6	04/27/94							
VEW-6	07/27/94							
VEW-6	08/17/94							
VEW-6	12/19/94							
VEW-6								
VEW-6	02/15/95							
VEW-6	04/13/95					0.3	ESD Probe	
VEW-6	07/13/95					2.3	ESD Probe	
VEW-6	10/10/95							
VEW-6	01/24/96					0.4	ESD Probe	
VEW-6	04/22/96							
VEW-6	07/25/96					0.3	ESD Probe	
VEW-6	02/17/97					1.0	ESD Probe	
VEW-6	05/15/97					0.7	ESD Probe	
VEW-6								
VEW-6	09/11/97							ORC sock in well
VEW-6	12/05/97							ORC sock in well
VEW-6	02/27/98					1.4	ESD Probe	
VEW-6	04/08/98					1.2	ESD Probe	
VEW-6	08/17/98					0.7	ESD Probe	
VEW-6	10/20/98					0.8	ESD Probe	
VEW-6	01/08/99					1.0	ESD Probe	
VEW-6	04/01/99					0.7	ESD Probe	
VEW-6								
VEW-6	07/02/99					0.2	ESD Probe	No purge sample
VEW-6	10/22/99					0.8	ESD Probe	No purge sample
VEW-6	02/03/00					0.8	ESD Probe	No purge sample
VEW-6	04/25/00					1.6	ESD Probe	
VEW-6	07/24/00					1.5	ESD Probe	
VEW-6	10/24/00					0.9	ESD Probe	
VEW-6	11/28/00					0.4	ESD Probe	
VEW-6	02/09/01					0.3	ESD Probe	
VEW-6	03/06/01							
VEW-6	06/29/01		ND<5000			0.7	ESD Probe	

TABLE 3
ADDITIONAL GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
20001 Brookhurst Street, Huntington Beach

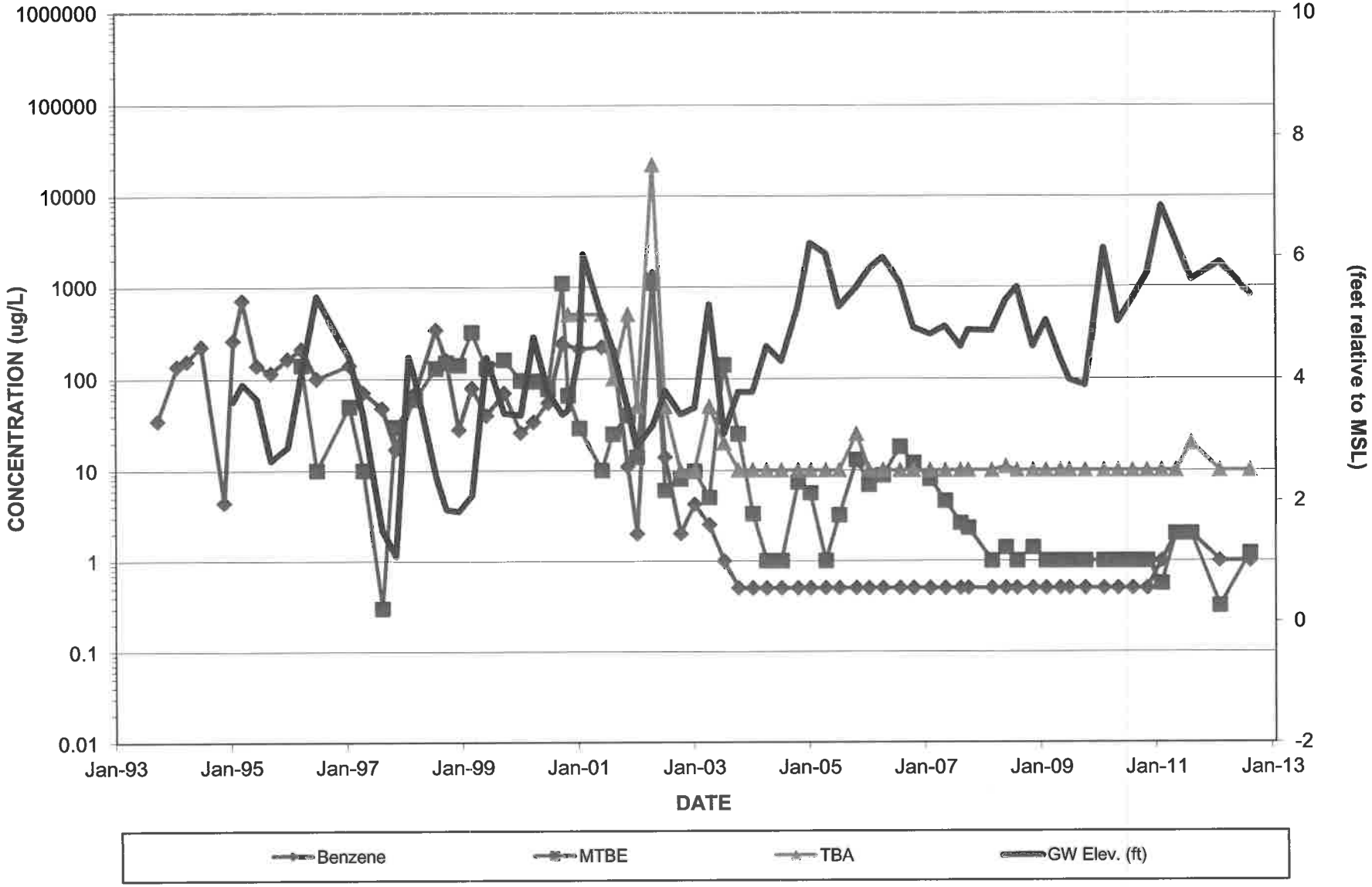
WELL	DATE GAUGED	DATE SAMPLED	MEK (ug/L)	ETHANOL (ug/L)	ORP (m/V)	DO (ppm)	DO METHOD	COMMENTS
VEW-6	09/07/01		ND<20					
VEW-6	12/10/01		ND<20	ND<5000				
VEW-6	02/06/02		ND<20					
VEW-6	05/16/02		ND<20					Sampled from port
VEW-6	08/02/02		ND<20					
VEW-6	11/07/02		ND<50					
VEW-6	02/04/03		ND<5000					
VEW-6	05/07/03		ND<2000					
VEW-6	08/08/03		ND<1000					
VEW-6	11/07/03		ND<500					
VEW-6	02/06/04		ND<200					
VEW-6	05/04/04		ND<100					
VEW-6	08/05/04		ND<10					
VEW-6	11/18/04		ND<200			1.45		
VEW-6	02/04/05		ND<100			0.24		
VEW-6	05/12/05		ND<100			0.1		
VEW-6	08/05/05		ND<100			0.14		
VEW-6	11/23/05		ND<100			1.1		
VEW-6	02/09/06							Well abandoned

Notes:
1. ND - Not detected
2. TBA - Tertiary-butyl alcohol
3. DIPE - Diisopropyl ether
4. ETBE - Ethyl tertiary-butyl ether
5. TAME - Tertiary-amyl methyl ether
6. MEK - 2-Butanone
7. J - Estimated value between MDL and PQL
8. Unless noted, gauging date and sampling date are the same.

GRAPHS

SHELL SERVICE STATION
20001 Brookhurst Street, Huntington Beach

BENZENE, MTBE, AND TBA CONCENTRATIONS, AND GROUNDWATER ELEVATION VS. TIME, B-2RD

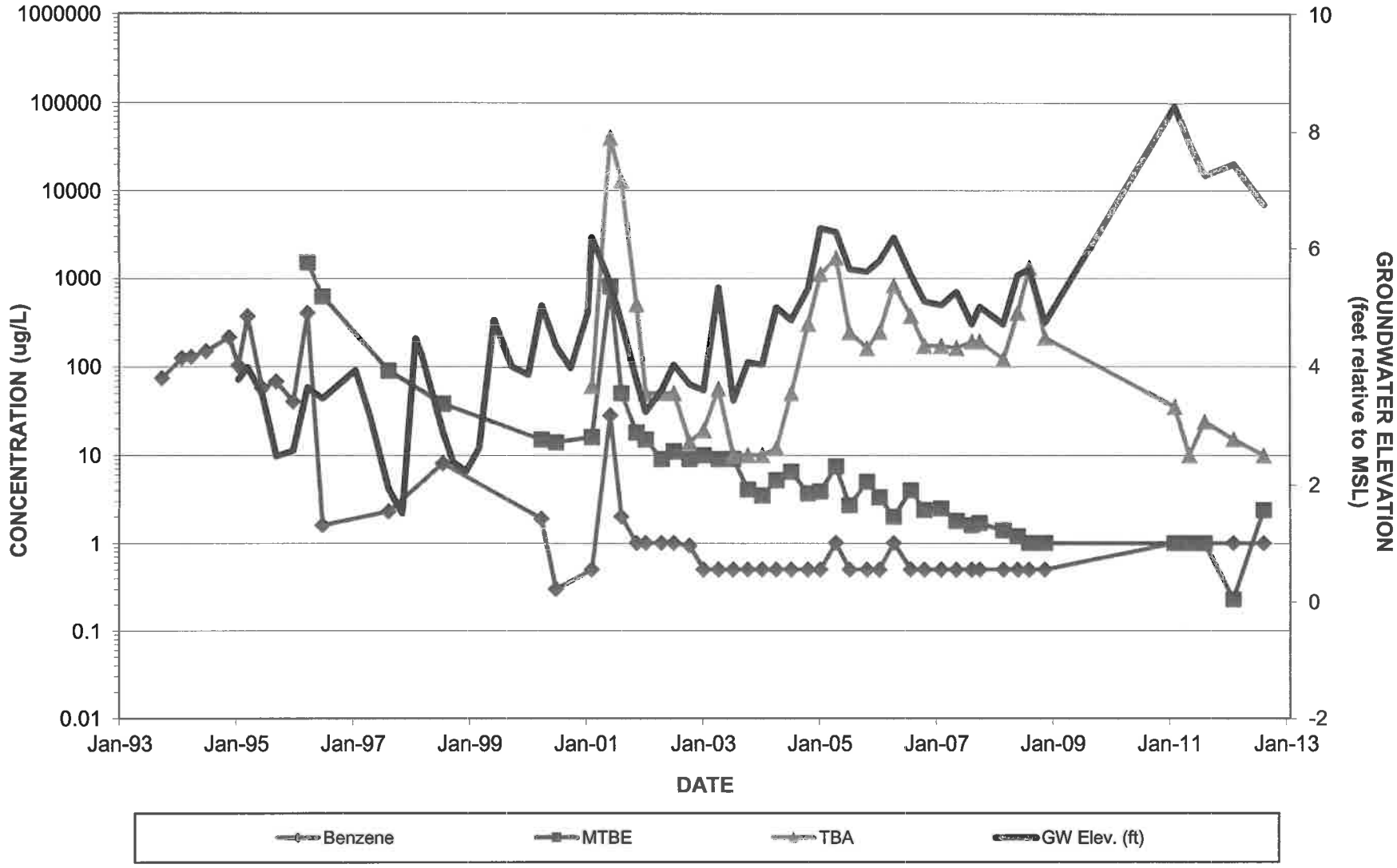


11.236

Graph 1

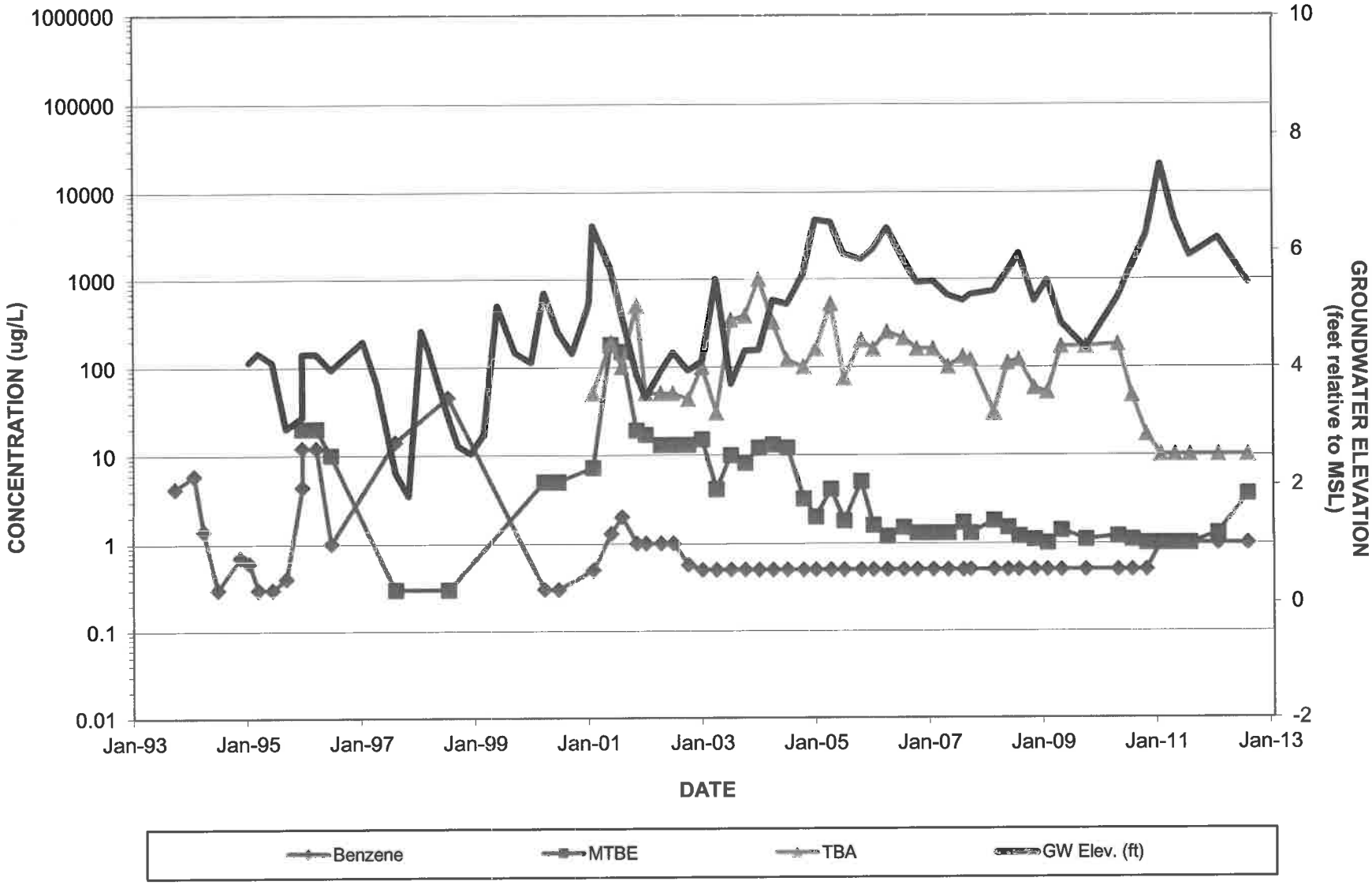
SHELL SERVICE STATION
20001 Brookhurst Street, Huntington Beach

BENZENE, MTBE, AND TBA CONCENTRATIONS, AND GROUNDWATER ELEVATION VS. TIME, B-3RD



SHELL SERVICE STATION
20001 Brookhurst Street, Huntington Beach

BENZENE, MTBE, AND TBA CONCENTRATIONS, AND GROUNDWATER ELEVATION VS. TIME, B-4RD

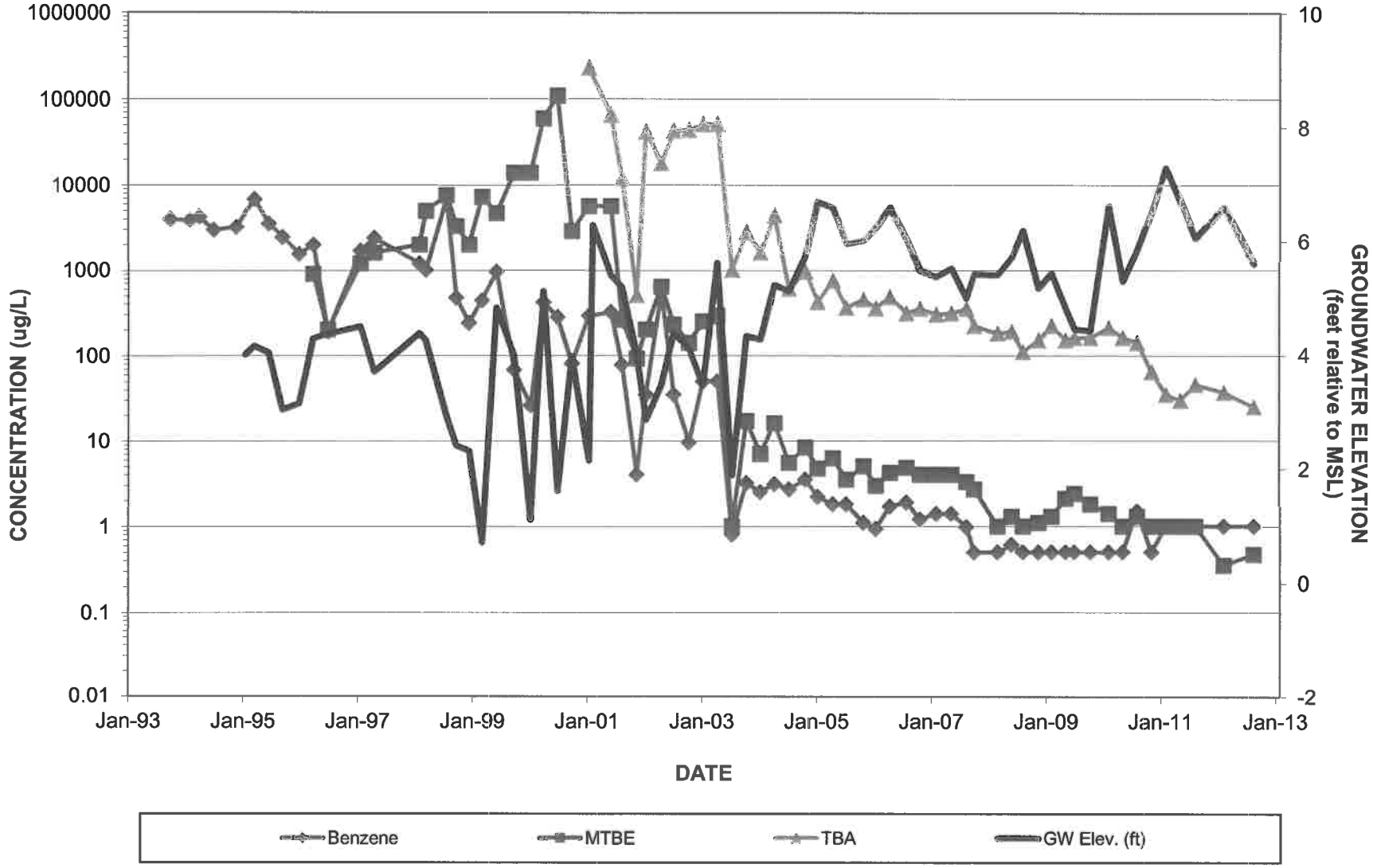


11.236

Graph 3

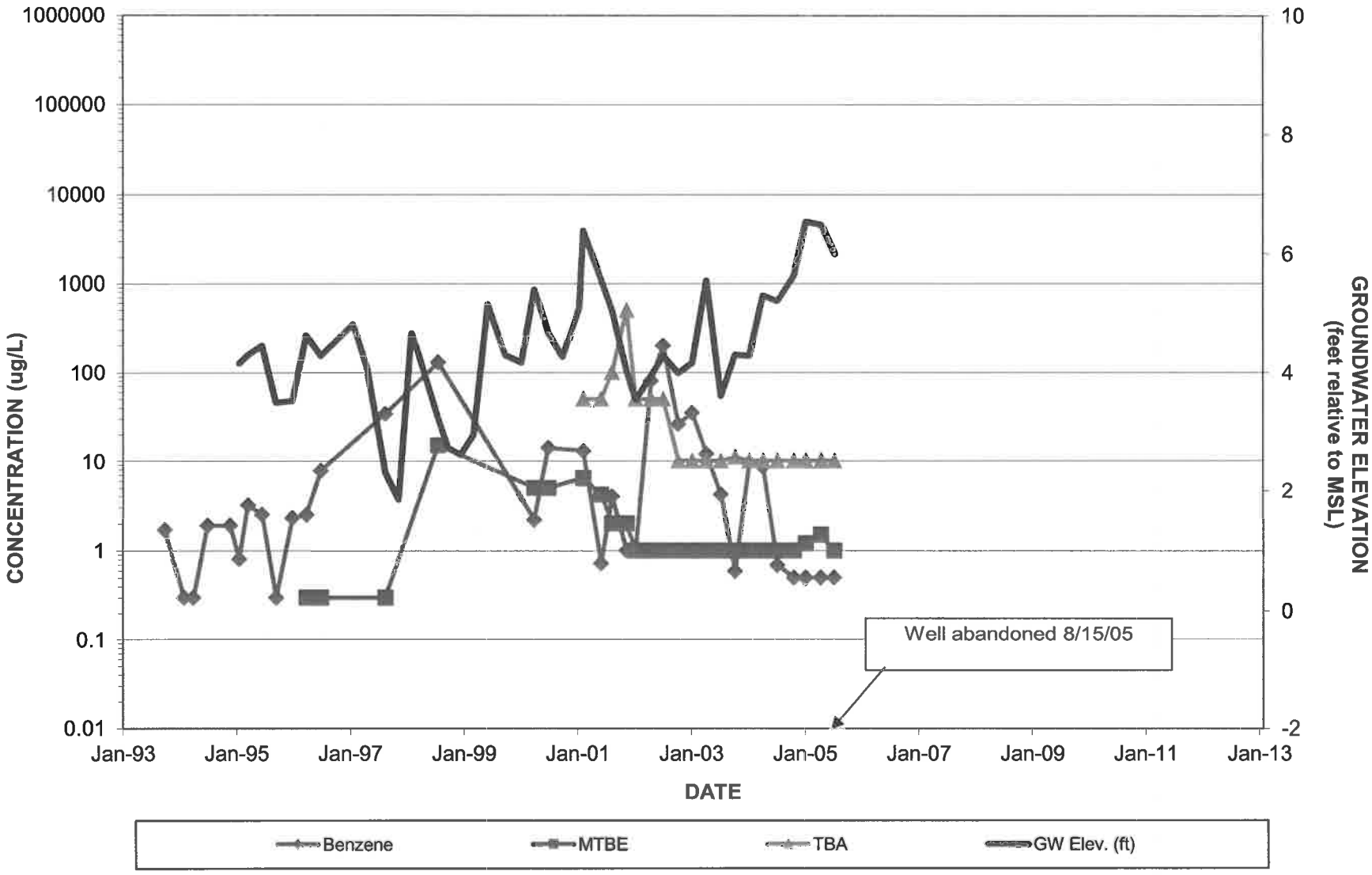
SHELL SERVICE STATION
20001 Brookhurst Street, Huntington Beach

BENZENE, MTBE, AND TBA CONCENTRATIONS, AND GROUNDWATER ELEVATION VS. TIME, B-5RD



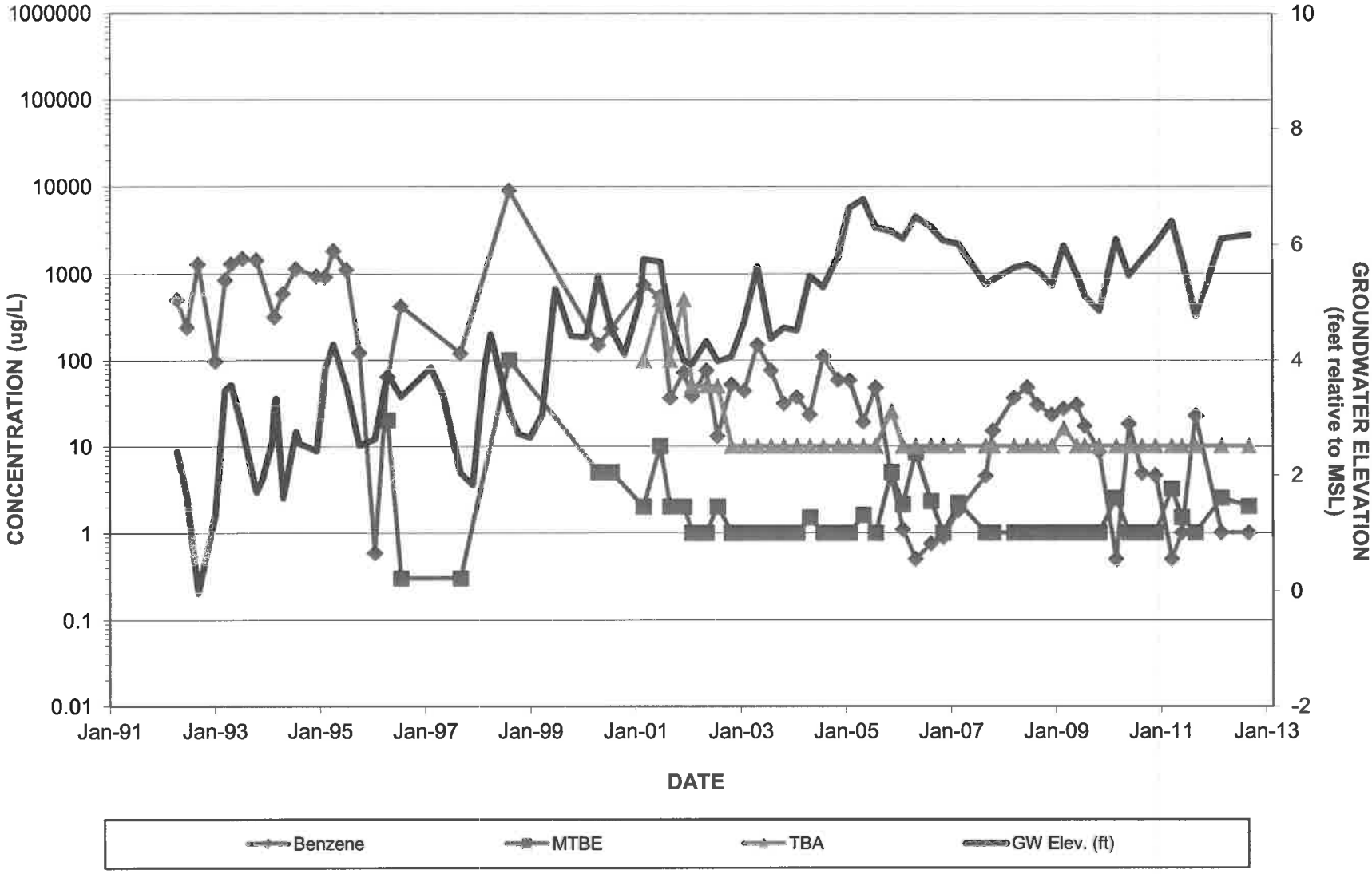
SHELL SERVICE STATION
20001 Brookhurst Street, Huntington Beach

BENZENE, MTBE, AND TBA CONCENTRATIONS, AND GROUNDWATER ELEVATION VS. TIME, B-6RD



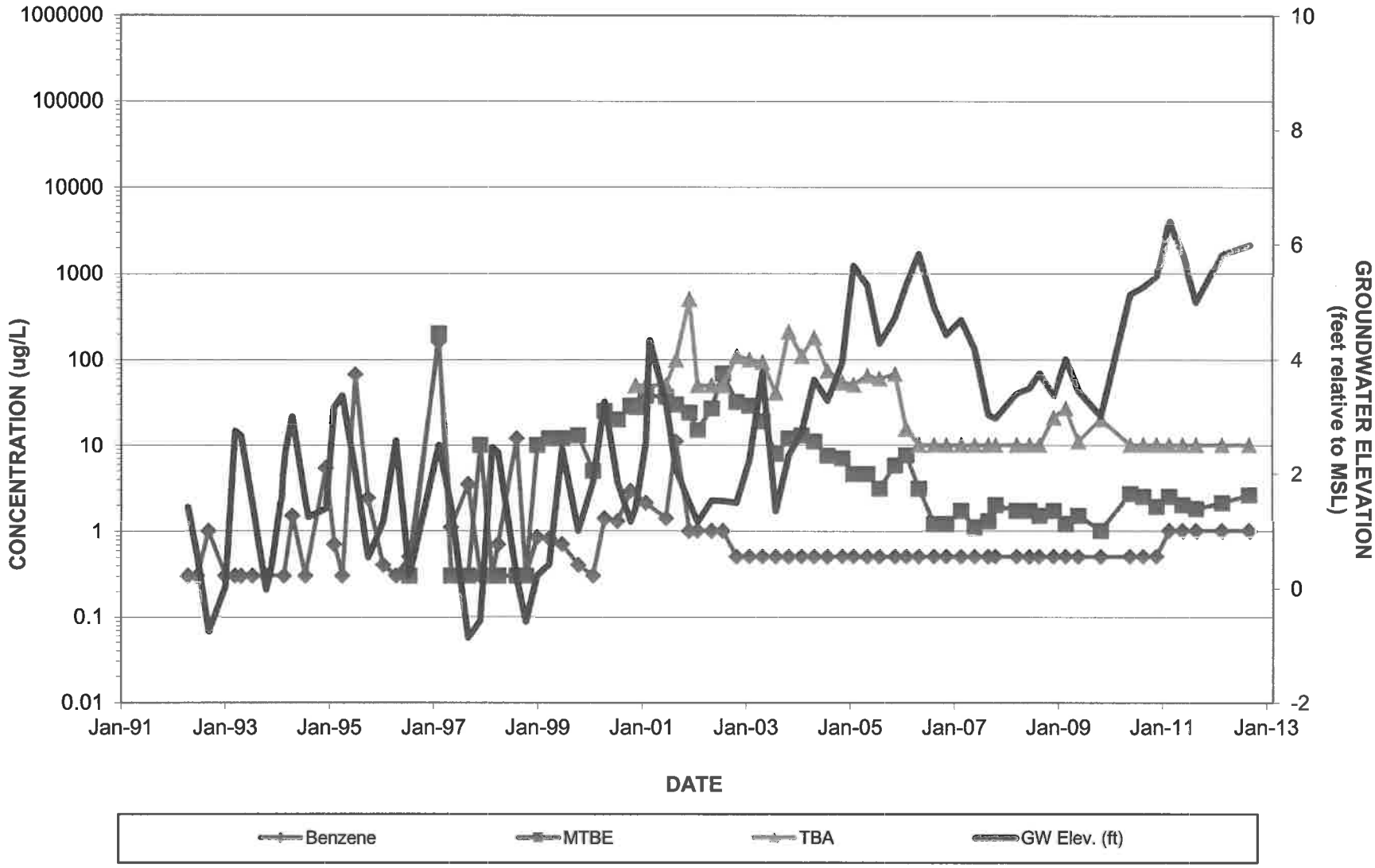
SHELL SERVICE STATION
20001 Brookhurst Street, Huntington Beach

BENZENE, MTBE, AND TBA CONCENTRATIONS, AND GROUNDWATER ELEVATION VS. TIME, B-8



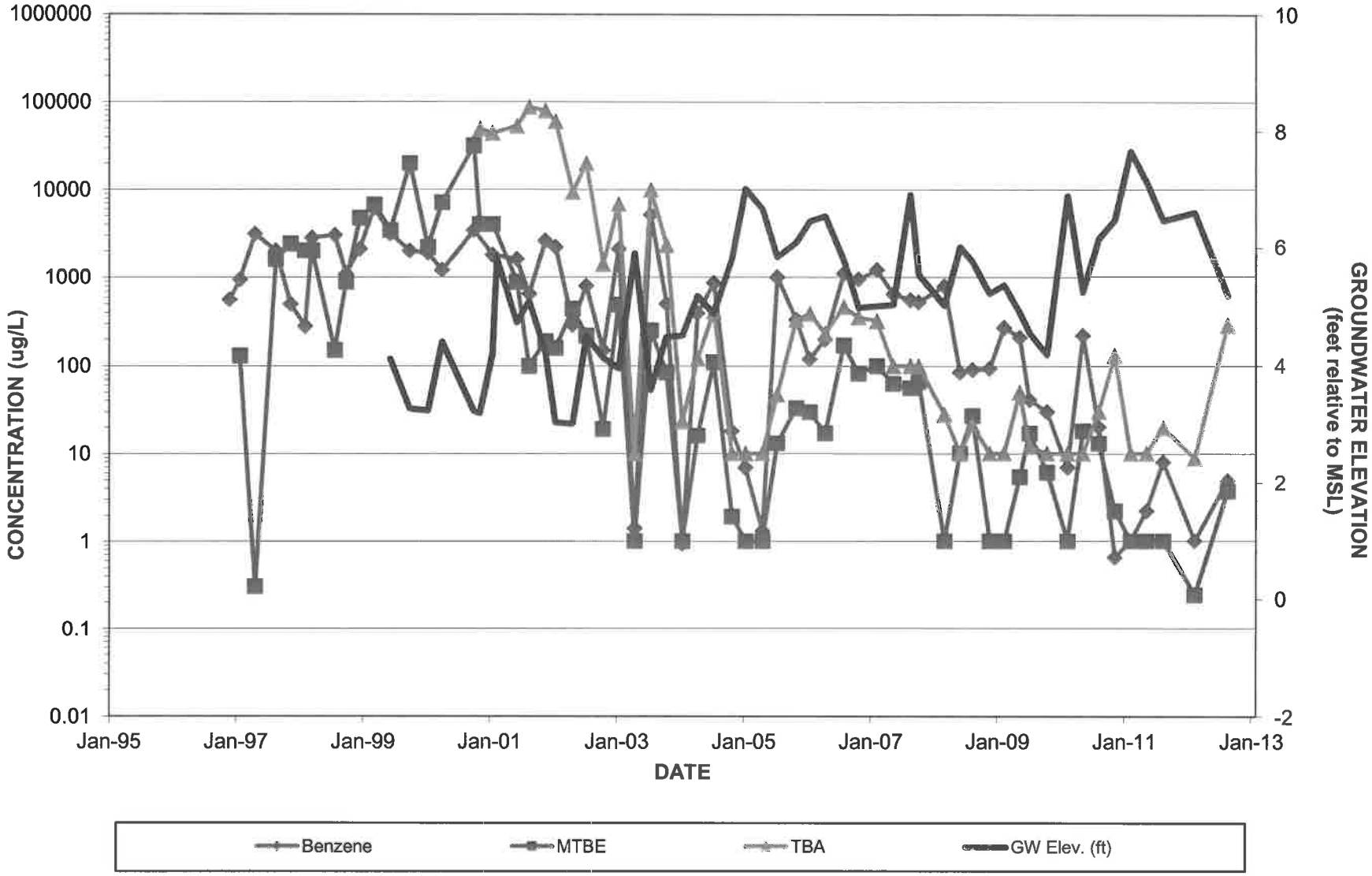
SHELL SERVICE STATION
20001 Brookhurst Street, Huntington Beach

BENZENE, MTBE, AND TBA CONCENTRATIONS, AND GROUNDWATER ELEVATION VS. TIME, B-9



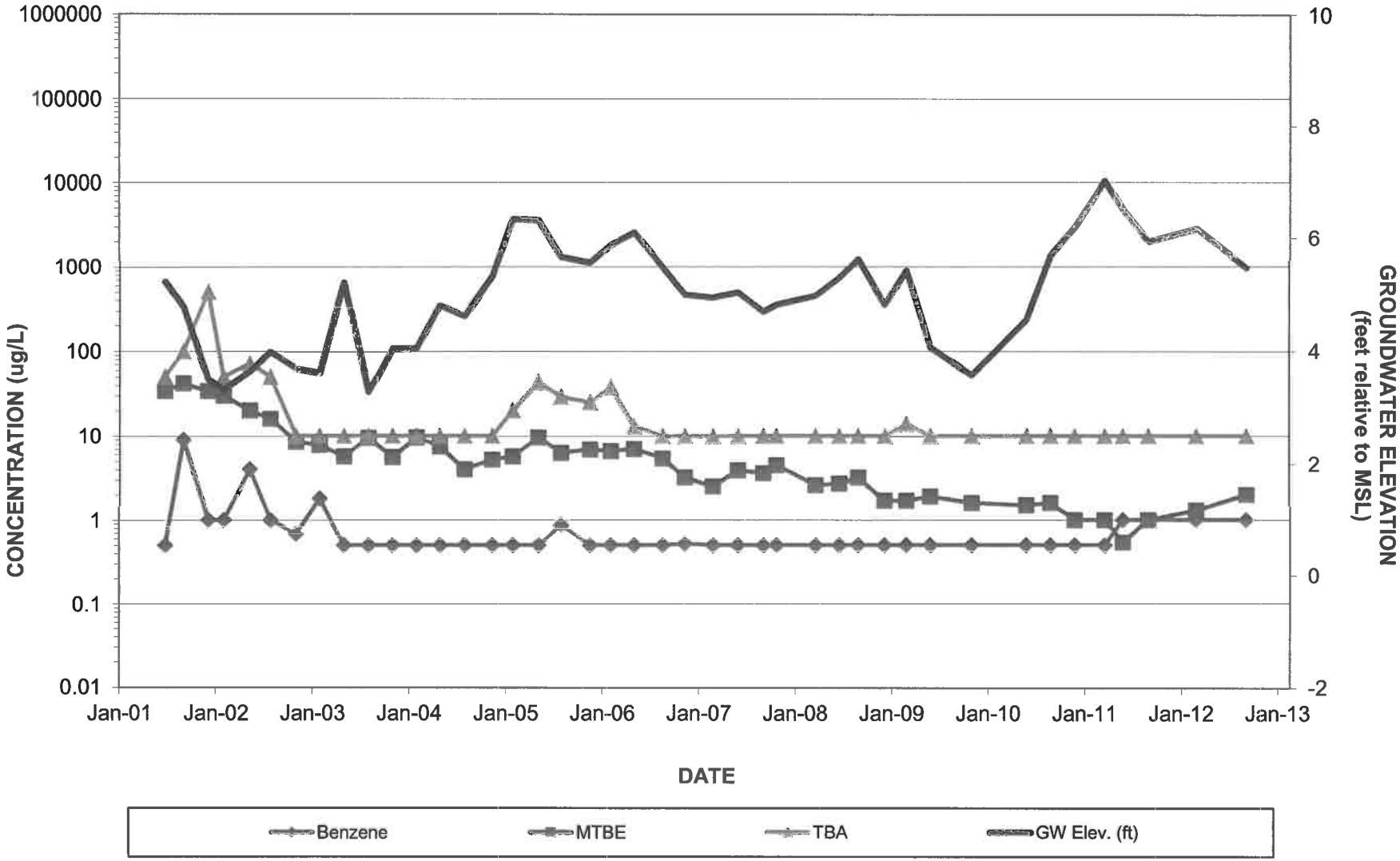
SHELL SERVICE STATION
20001 Brookhurst Street, Huntington Beach

BENZENE, MTBE, AND TBA CONCENTRATIONS, AND GROUNDWATER ELEVATION VS. TIME, B-10



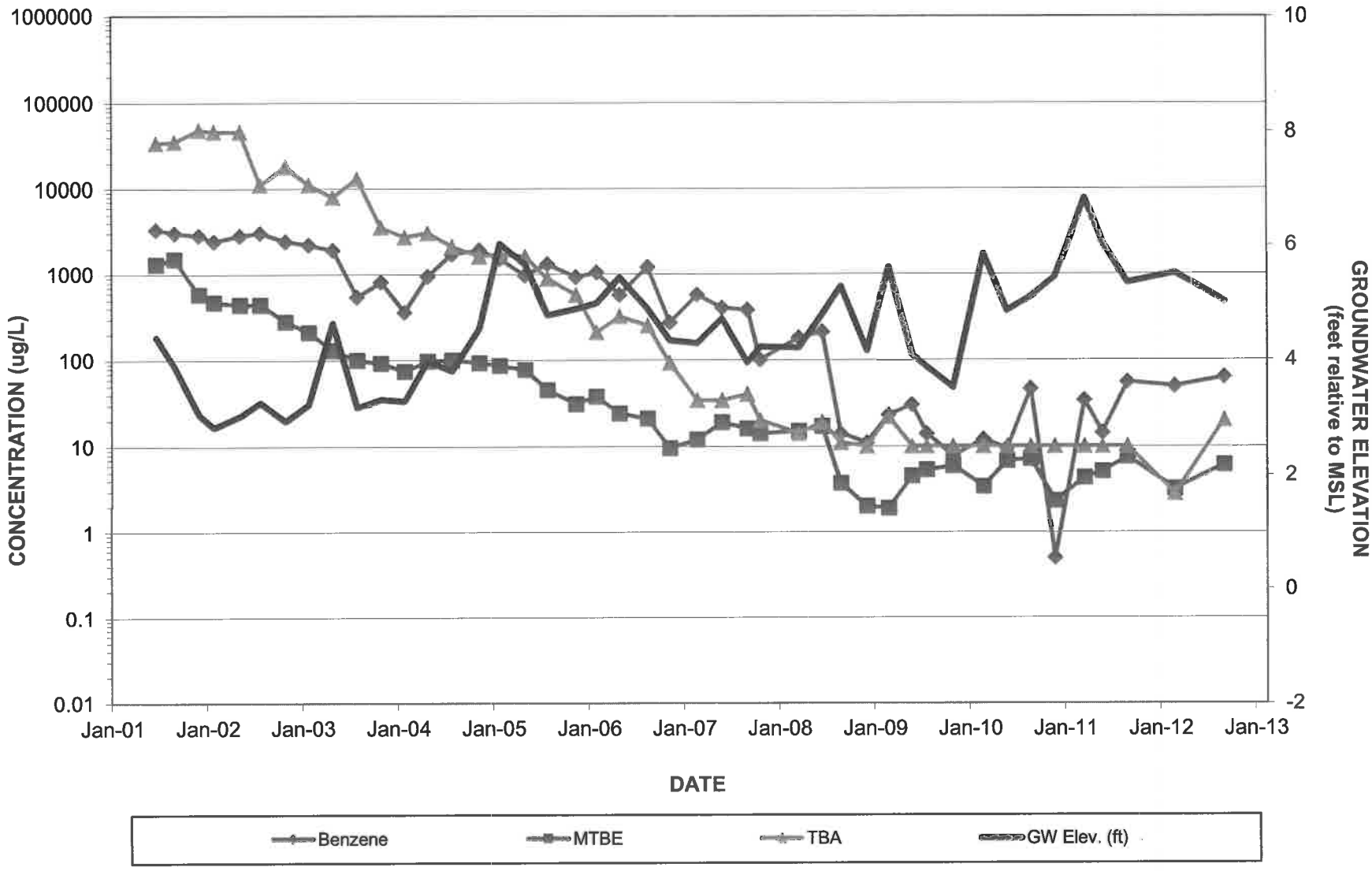
SHELL SERVICE STATION
20001 Brookhurst Street, Huntington Beach

BENZENE, MTBE, AND TBA CONCENTRATIONS, AND GROUNDWATER ELEVATION VS. TIME, B-11



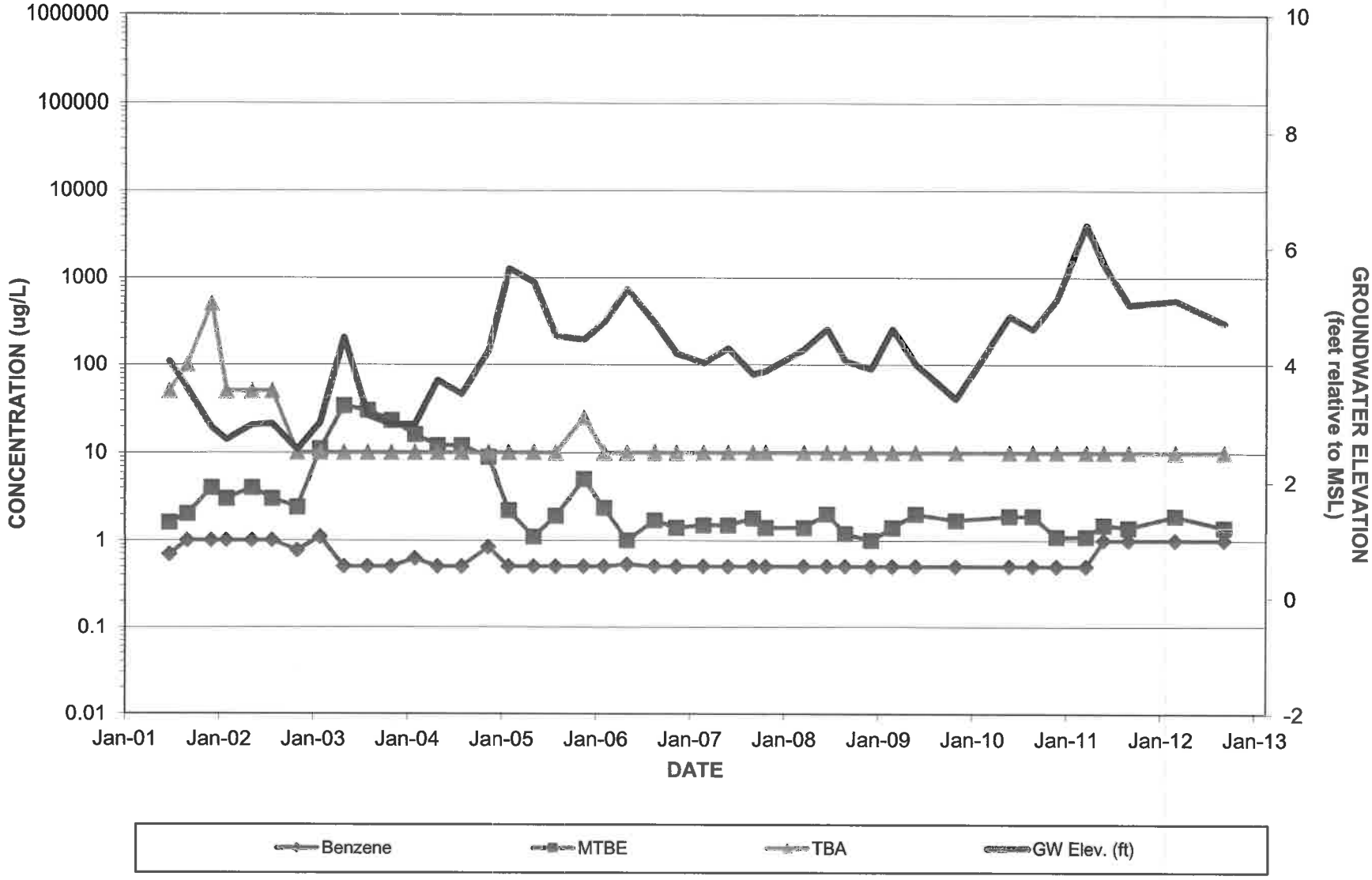
SHELL SERVICE STATION
20001 Brookhurst Street, Huntington Beach

BENZENE, MTBE, AND TBA CONCENTRATIONS, AND GROUNDWATER ELEVATION VS. TIME, B-12



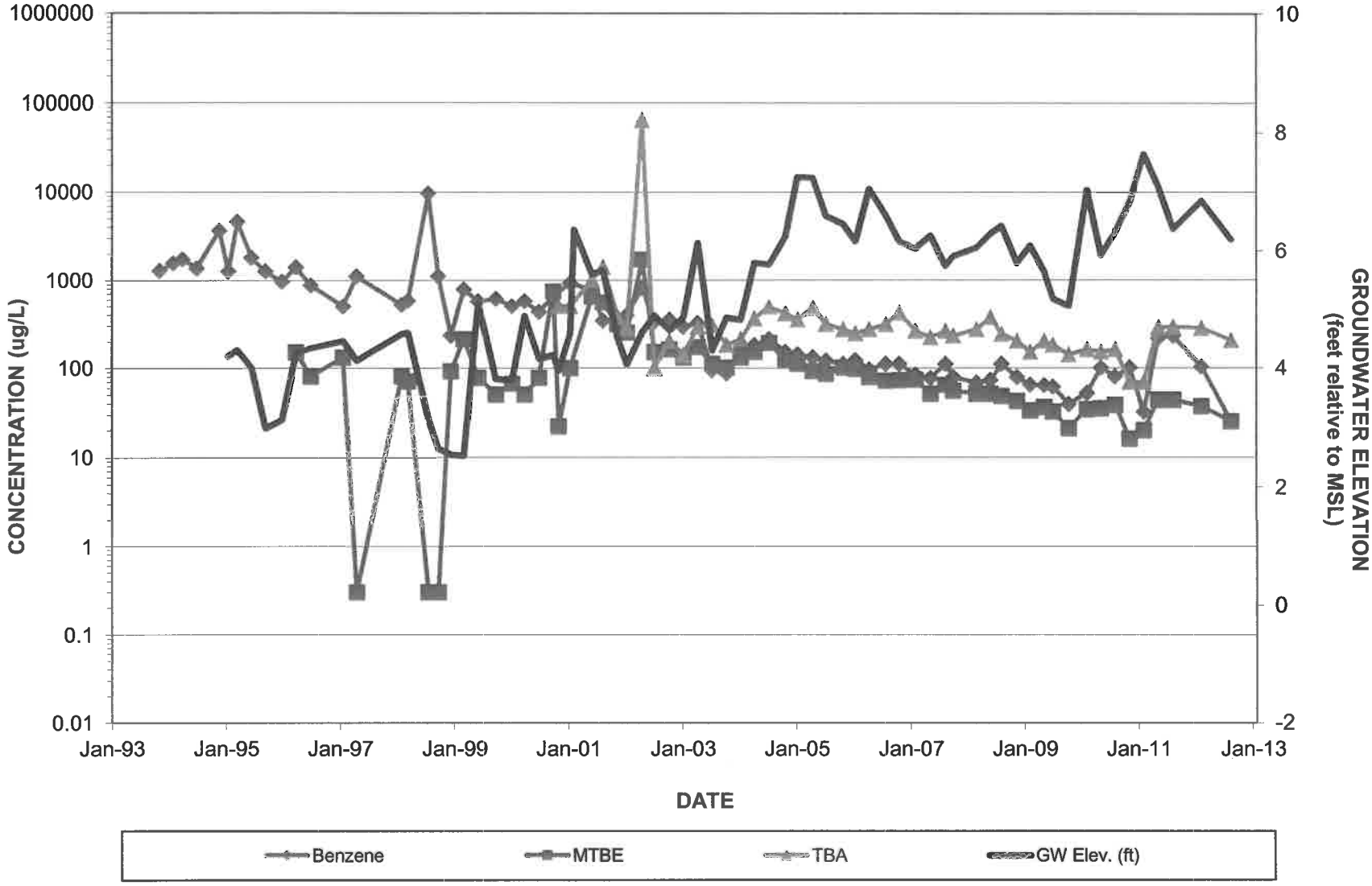
SHELL SERVICE STATION
20001 Brookhurst Street, Huntington Beach

BENZENE, MTBE, AND TBA CONCENTRATIONS, AND GROUNDWATER ELEVATION VS. TIME, B-13



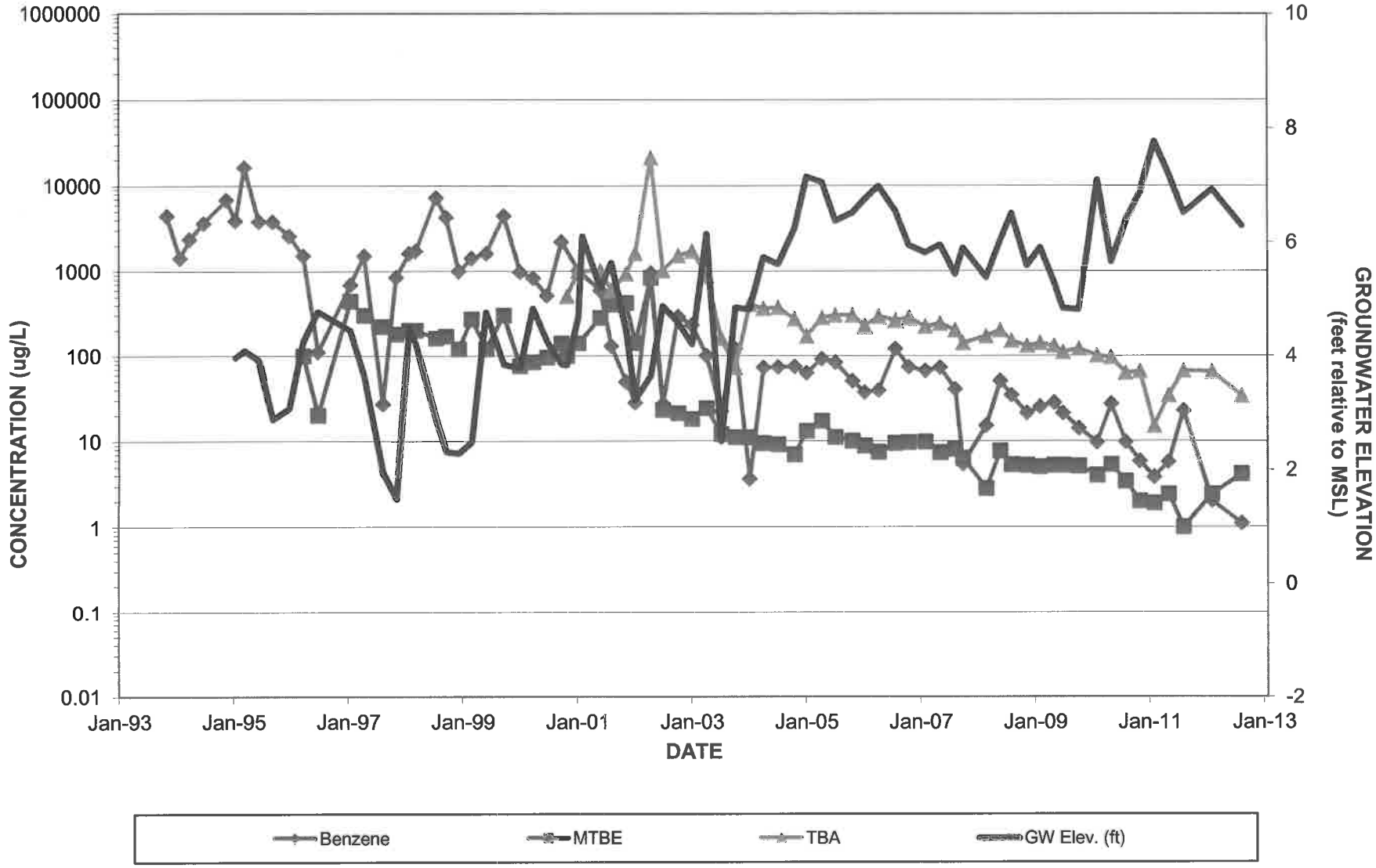
SHELL SERVICE STATION
20001 Brookhurst Street, Huntington Beach

BENZENE, MTBE, AND TBA CONCENTRATIONS, AND GROUNDWATER ELEVATION VS. TIME, VEW-2



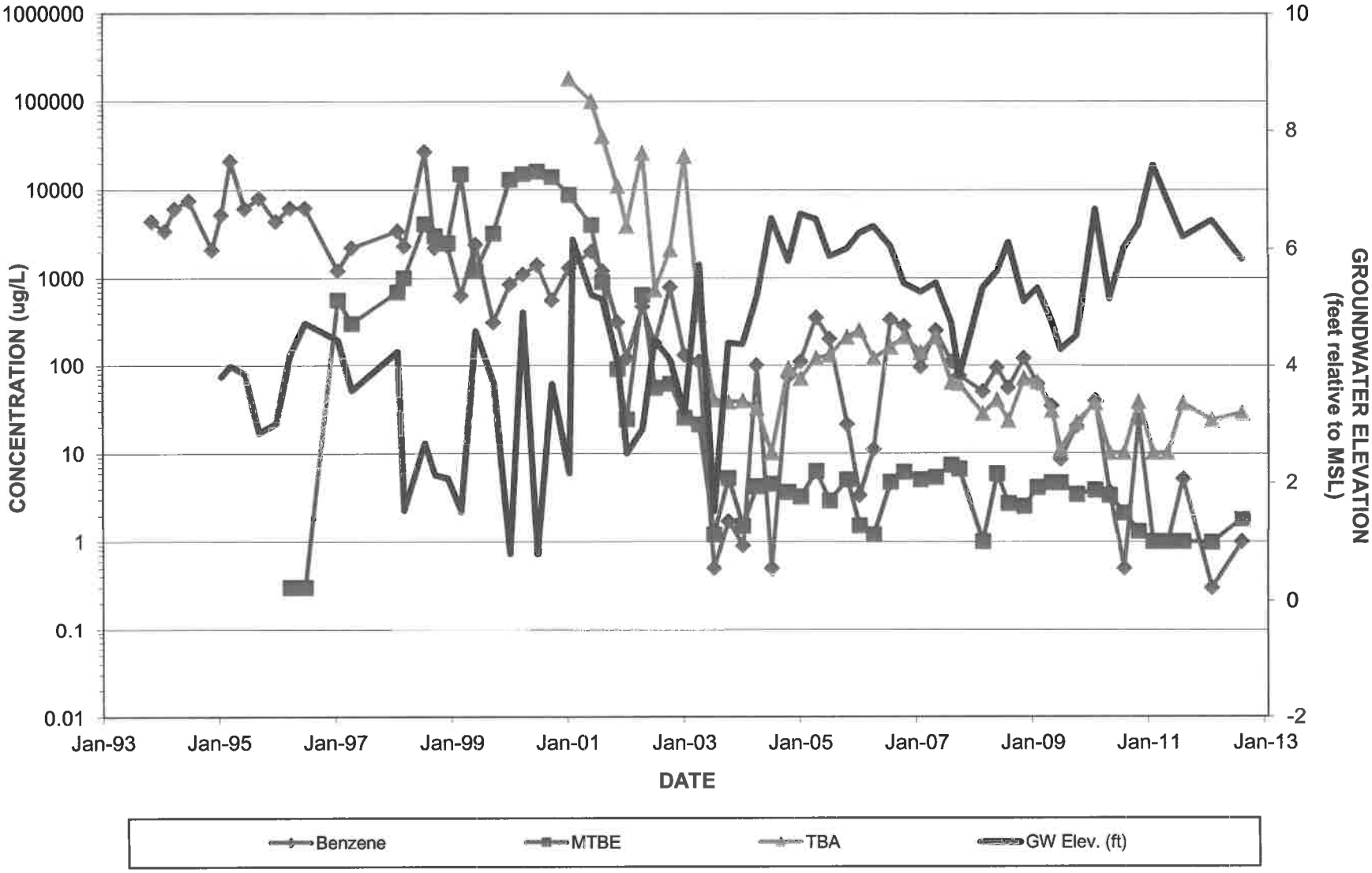
SHELL SERVICE STATION
20001 Brookhurst Street, Huntington Beach

BENZENE, MTBE, AND TBA CONCENTRATIONS, AND GROUNDWATER ELEVATION VS. TIME, VEW-4



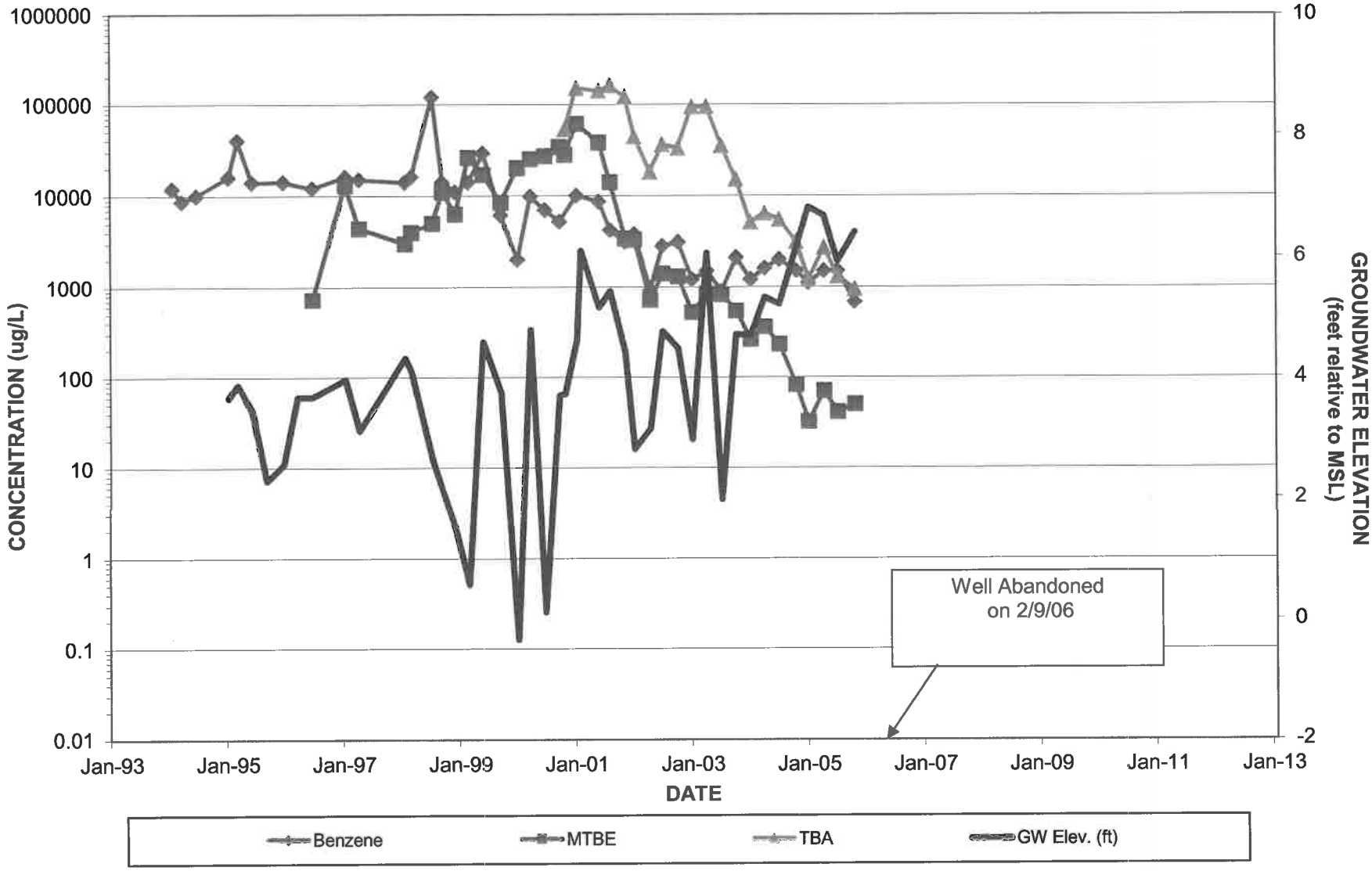
SHELL SERVICE STATION
20001 Brookhurst Street, Huntington Beach

BENZENE, MTBE, AND TBA CONCENTRATIONS, AND GROUNDWATER ELEVATION VS. TIME, VEW-5



SHELL SERVICE STATION
20001 Brookhurst Street, Huntington Beach

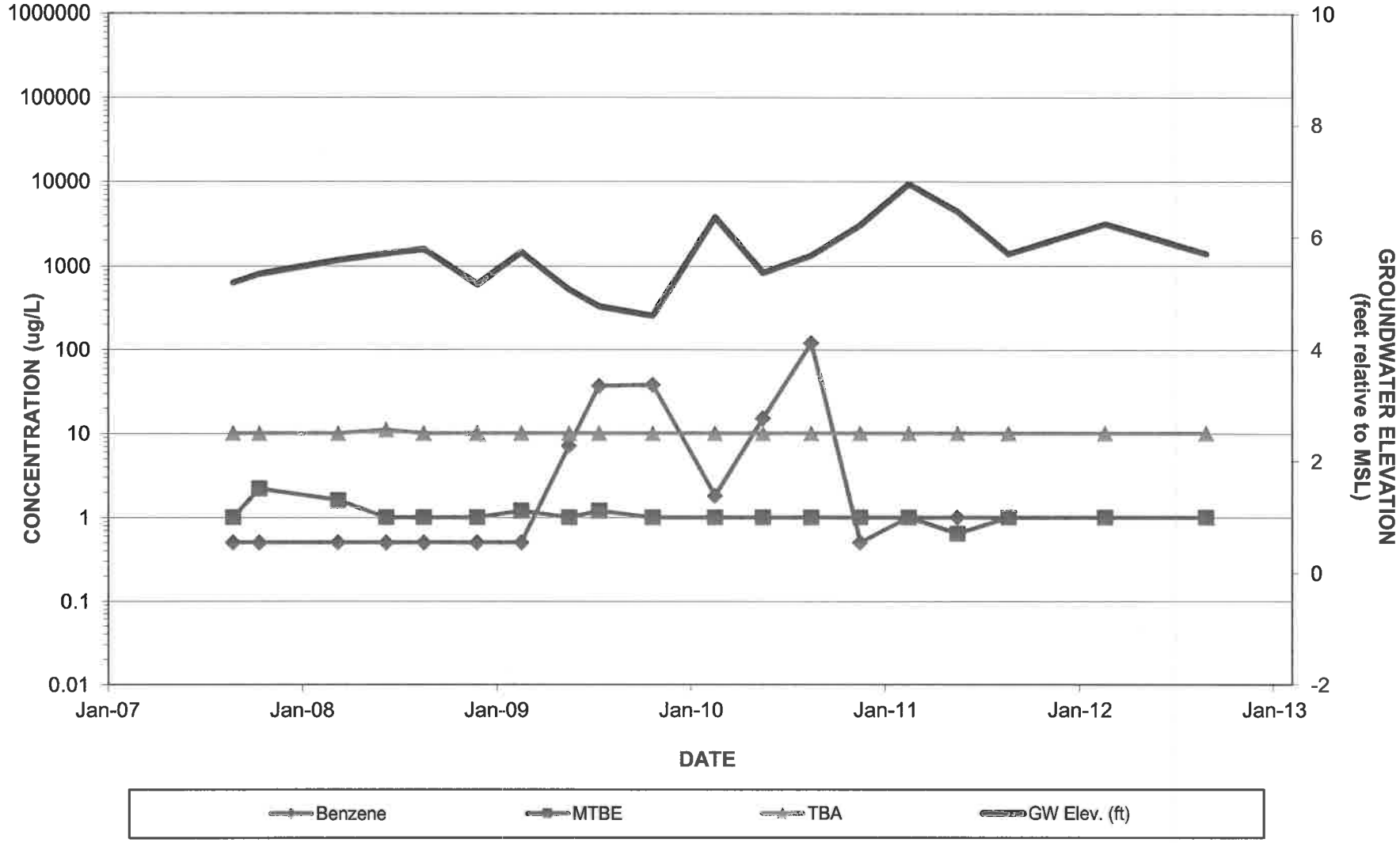
BENZENE, MTBE, AND TBA CONCENTRATIONS, AND GROUNDWATER ELEVATION VS. TIME, VEW-6



Graph 15

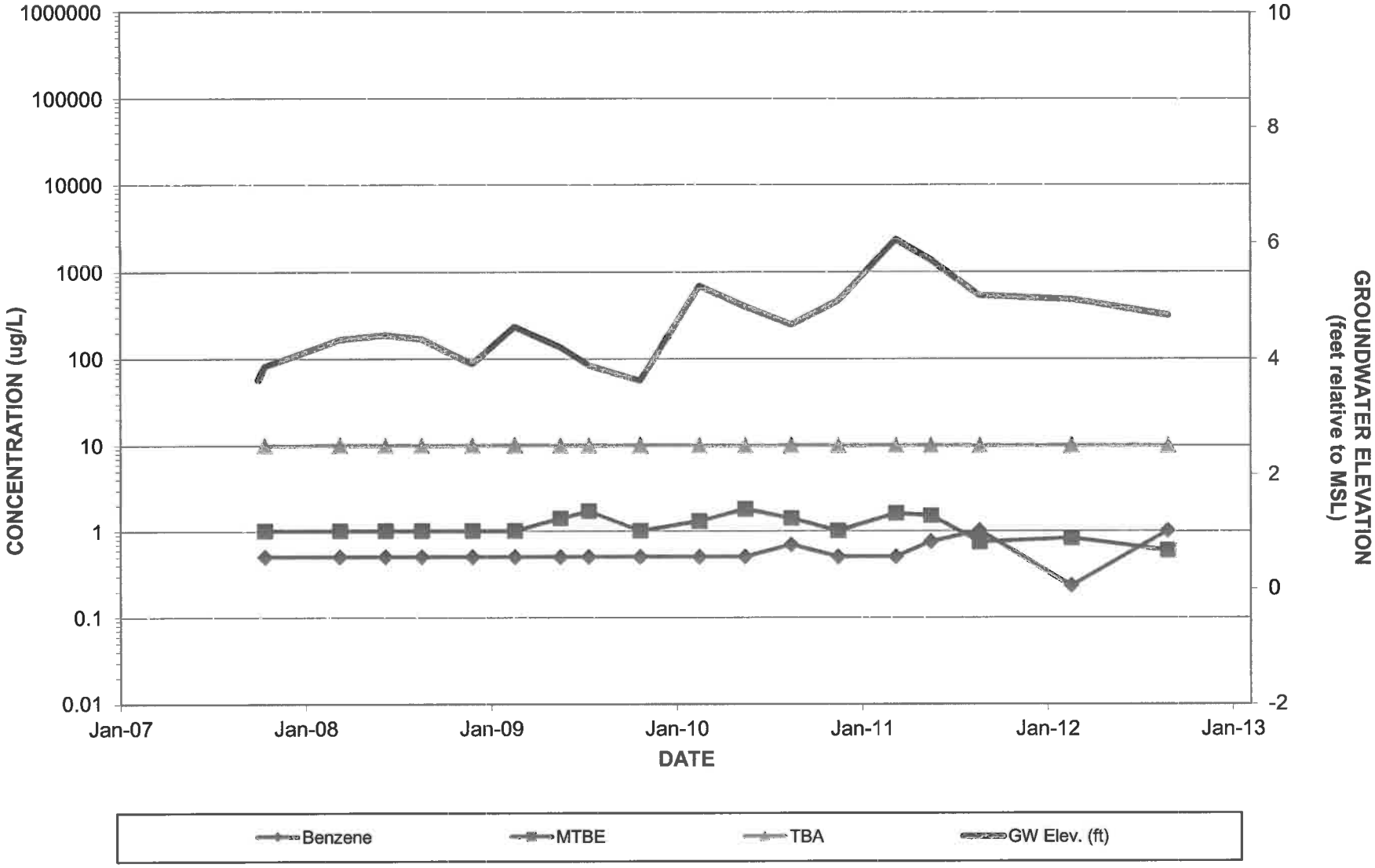
SHELL SERVICE STATION
20001 Brookhurst Street, Huntington Beach

BENZENE, MTBE, AND TBA CONCENTRATIONS, AND GROUNDWATER ELEVATION VS. TIME, MW-1



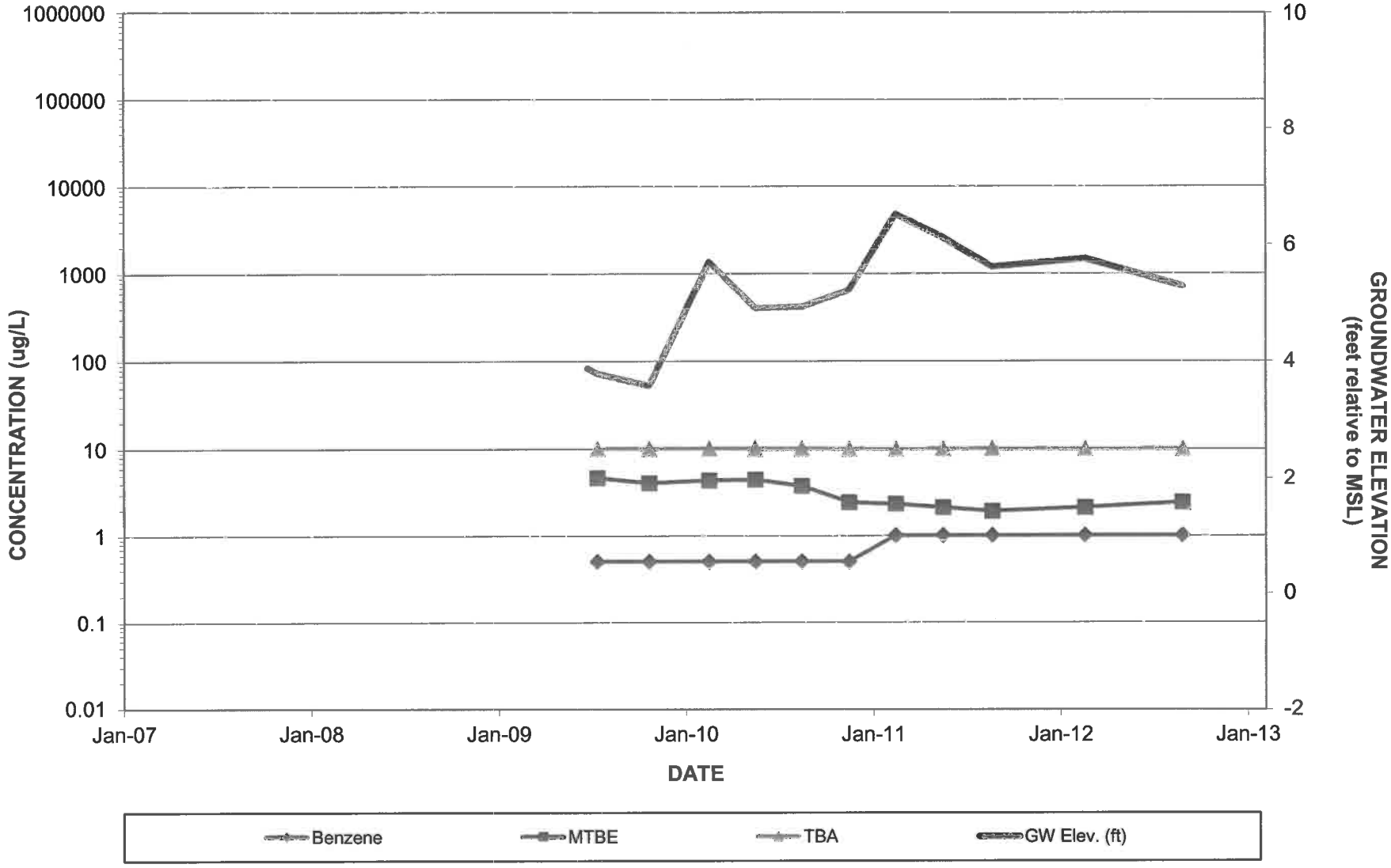
SHELL SERVICE STATION
20001 Brookhurst Street, Huntington Beach

BENZENE, MTBE, AND TBA CONCENTRATIONS, AND GROUNDWATER ELEVATION VS. TIME, MW-2



SHELL SERVICE STATION
20001 Brookhurst Street, Huntington Beach

BENZENE, MTBE, AND TBA CONCENTRATIONS, AND GROUNDWATER ELEVATION VS. TIME, MW-3



APPENDIX A

Sampling Procedure

GROUNDWATER GAUGING PROCEDURES

Prior to purging, each well was measured for total depth, depth to groundwater, and separate-phase hydrocarbon thickness, if present, using an electronic interface probe. The electronic interface probe sounds an intermittent alarm when in contact with water, and a continuous alarm when in contact with petroleum hydrocarbons. A measuring tape, graduated to hundredths of a foot, was attached to the electronic interface probe and adjusted for length of the probe. The electronic interface probe was lowered into the well and stopped when an alarm sounded. The depth to groundwater was determined by recording the length of the extended measuring tape referenced to the top of the well casing, usually a mark on the top of the casing on the north side of the well. Separate readings for the depth to separate-phase hydrocarbon and groundwater were recorded, if necessary.

To prevent cross-contamination, the electronic interface probe was washed with non-phosphate soap and double-rinsed in de-ionized water prior to each measurement. Additionally, each well was gauged in order of increasing petroleum hydrocarbon concentrations based on laboratory results of previous groundwater sampling.

GROUNDWATER SAMPLINGPROCEDURES

Each well that was sampled was purged of water prior to sampling, using a PVC bailer. Fast recharging wells were purged of at least three casing volumes of water. Slow recharging wells were purged until dry and allowed to recover for at least two hours before sampling. Each casing volume was field tested for temperature, conductivity, and pH, turbidity and dissolved oxygen were measured after the last or fourth casing volume.

Each groundwater sample was collected using a Teflon® bailer, equipped with a bottom-emptying device, which was attached to clean, commercial twine and gently lowered into the well. The bailer was allowed to sink into the standing water and fill, and was then recovered. The water from the bailer was slowly poured into 40-ml VOA vials with Teflon® septa, in a manner that prevented air bubbles from being trapped within the sample vial. Each sample was placed on ice to reduce volatilization, prior to being received by the analytical laboratory. Groundwater samples were delivered under chain of custody to a state-certified analytical laboratory for chemical analyses.

All re-usable sampling equipment, including bailers, were washed in non-phosphate soap and double-rinsed in distilled water between wells to reduce the possibility of cross-contamination.

APPENDIX B

Field Data Sheets and Laboratory Analytical Report with Chain-of-Custody Documents

NO. 700280 7

NON-HAZARDOUS WASTE DATA FORM

BESI # 208019

GENERATOR

Generator's Name and Mailing Address
SHELL OIL PRODUCTS US
20945 S. WILMINGTON AVE.
CARSON, CA 90810

Generator's Site Address (if different than mailing address)
Shell Oil Products US
20001 Brookhurst St.
Huntington Beach

Generator's Phone: 713-241-7008

Andrea Ewing

Container type removed from site:
☐ Drums ☐ Vacuum Truck ☐ Roll-off Truck ☐ Dump Truck
☐ Other _____
Quantity _____

Container type transported to receiving facility:
☐ Drums ☒ Vacuum Truck ☐ Roll-off Truck ☐ Dump Truck
☐ Other _____
Quantity 1 Volume 177 gallons

WASTE DESCRIPTION NON-HAZARDOUS WASTE LIQUIDS
GENERATING PROCESS PURGED GROUNDWATER

COMPONENTS OF WASTE	PPM	%	COMPONENTS OF WASTE	PPM	%
1. WATER		99-100%	3.		
2. TPH		<1%	4.		

Waste Profile _____ PROPERTIES: pH 7-10 ☐ SOLID ☒ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER _____

HANDLING INSTRUCTIONS: WEAR ALL APPROPRIATE PROTECTIVE CLOTHING

Generator Printed/Typed Name: Mario Hilares
Signature: [signature]
Month 7 Day 6 Year 12

The Generator certifies that the waste as described is 100% non-hazardous

TRANSPORTER

Transporter 1 Company Name: WAYNE PERRY
Phone#: 714-826-0352

Transporter 1 Printed/Typed Name: Lamar Kitch
Signature: [signature]
Month 7 Day 6 Year 12

Transporter Acknowledgment of Receipt of Materials

Transporter 2 Company Name: NIETO & SONS TRUCKING, INC.
Phone#: 714-990-6856

Transporter 2 Printed/Typed Name: Lupe Flores
Signature: [signature]
Month 7 Day 10 Year 12

Transporter Acknowledgment of Receipt of Materials

RECEIVING FACILITY

Designated Facility Name and Site Address
DEMENNO KERDOON
2000 N. ALAMEDA ST.
COMPTON, CA 90222

Phone#: 310-637-7100

INCIDENT: 98995452
RIPR: 94500
SAP: 135372

Printed/Typed Name: Alejandro Raygoza
Signature: Alejandro Raygoza
Month 07 Day 10 Year 12

Designated Facility Owner or Operator: Certification of receipt of materials covered by this data form.

WAYNE PERRY, INC.
WELL GAUGING FORM

Date: 7-3-12

Job Number: 11.236

Station No.: _____ Location: 20001 Brookhurst St.Huntington Beach

Page 1 of 1

Client Name: _____ Shell Oil Products:

Gauged by: Jon G Brenden

Well ID	Well Diam.	Gauging Order	Depth to Product	Depth To Water	Depth to Water (Check)	Depth to Well Bottom	Depth to Well Bottom (check)	Product Thickness	Length of Water Column	Well Screws		Outside Seal		Well box		Inside Seal		Well Cap			Top of casing		Comment
										Good	Needed	Good	Repair	Good	Repair	Good	Needed	Slip	Threaded	Locking	Good	Repair	
MW-5A	2	1	1	10.48	10.48	11.30	11.30	0	0.82	/		/		/		/				/	/		
MW-5B	2	2	1	8.95	8.95	19.20	19.20	0	10.25	/		/		/		/				/	/		
MW-5C	2	3	1	7.38	7.38	26.35	26.35	0	19.05	/		/		/		/				/	/		
MW-4C	2	4	1	6.30	6.30	29.32	29.32	0	23.02	/		/		/		/				/	/		No padlock
MW-4B	2	5	1	7.16	7.16	22.03	22.03	0	14.87	/		/		/		/				/	/		
MW-4A	2	6	1	6.79	6.79	13.42	13.42	0	6.63	/		/		/		/				/	/		

134 total

WAYNE PERRY, INC.
Well Development Log

For: Shell

Job Number: 11,236

Location: Brookhurst - Adams

Date: 7-3-12

Well MW - 5A	Begin Develop -ment Time	Depth To Water	Depth Of Well	Turbidity	Purged Water (gallons)	Comments Remove Soil 1/4 Bucket
	07:40	10.48	11.30		3.0	purge w/ bailer
		11.70	14.25			surging
		10.80	14.20		4.0 Dry	purge w/ bailer 08:00
Recharge	09:10	13.50	14.25	34.1	7.0 dry	purge w/ bailer 09:15
		10.86	14.25			
	End Develop -ment Time	Depth To Water	Depth Of Well	Turbidity		
Recharge		13.98	14.25	~~9.81~~		
	11:40	10.49	14.25	9.21	14 TOTAL	

Well MW. 5 B	Begin Develop -ment Time	Depth To Water	Depth Of Well	Turbidity	Purged Water (gallons)	Comments Remove Soil 1/2 Bucket
	08:15	8.95	19.20		2.0	purge w/ bailer
		10.04	24.35			surging
		9.80	24.30		3.0 Dry	purge w/ bailer 08:40
Recharge ~~09:18~~		23.70	24.35	24.7	3.0 Dry	purge w/ bailer 09:22
Recharge	09:18	9.22	24.35			
	End Develop -ment Time	Depth To Water	Depth Of Well	Turbidity		
Recharge		23.95	24.35			
	11:45	8.97	24.35	7.48	8.0 TOTAL	

pH Reading of purged water _____

2

WAYNE PERRY, INC.
Well Development Log

For: Shell

Job Number: 11.236

Location: BROOKHAVEN - Area 1

Date: 7.3-12

Well MW-5C	Begin Development Time	Depth To Water	Depth Of Well	Turbidity	Purged Water (gallons)	Comments Remove Soil 1/2 Bucket
	08:45	7.38	26.35		8.0	purge w/ bailer, Surgin,
		18.18	34.22			
		8.90	34.20		16.0 Dry	purge w/ bailer, 09:0
Discharge	09:25	33.90	34.22	29.2	15.0 Dry	purge w/ bailer, 09:30
		9.67	34.22			
	End Development Time	**Depth To Water**	**Depth Of Well**	**Turbidity**		
Discharge		33.56	34.22			
	11:50	7.41	34.22	8.15	39 total	

Well MW-4C	Begin Development Time	Depth To Water	Depth Of Well	Turbidity	Purged Water (gallons)	Comments Remove Soil 1/2 Bucket
street well →						
	10.15	6.30	29.32		5.0	purge w/ bailer, Surgin,
		12.10	34.55			
		8.22	34.50		18.0 Dry	purge w/ bailer, 10:40
		33.76	34.55			
Discharging →	12:00	6.38	34.55	28.7	19.0 Dry	purge w/ bailer, 12:15
	End Development Time	**Depth To Water**	**Depth Of Well**	**Turbidity**		
		33.97	34.55			
Discharge	13:30	6.34	34.55	10.8	42 total	

pH Reading of purged water _____

WAYNE PERRY, INC.
Well Development Log

For: Shell

Job Number: 11.236

Location: Brookhaven / Adams

Date: 7-3-12

Well MW-5B	Begin Development Time	Depth To Water	Depth Of Well	Turbidity	Purged Water (gallons)	Comments Remove Soil 1/2 Bailer
	10:45	7.16	22.03		3.0	purge w/ bailer Surgin
		13.18	24.49			
		9.04	24.03		12.0 dry	purge w/ bailer 11:05
		23.83	24.49			
Recharge →	12:20	7.49	24.49	22.4	11.0 dry	purge w/ bailer 12:20
	End Development Time	Depth To Water	Depth Of Well	Turbidity		
		24.01	24.49			
Recharge	13:35	7.17	24.49	6.78	26 TOTAL	

Street wells

Well MW-4A	Begin Development Time	Depth To Water	Depth Of Well	Turbidity	Purged Water (gallons)	Comments Remove Soil 1/8 Bucket
	11:10	6.79	13.42		2.0	purge w/ bailer Surgin
		8.15	14.62			
		7.02	14.60		3.0	purge w/ bailer 11:25
		13.96	14.62			
Recharge →	12:35	6.88	14.62	18.5		purge w/ bailer 12:40
	End Development Time	Depth To Water	Depth Of Well	Turbidity		
		14.21	14.62			
Recharge	13:40	6.81	14.62	8.09	5.0 TOTAL	

Street well →

pH Reading of purged water _____

WAYNE PERRY, INC.
WELL GAUGING FORM

Date: 7/6/12

Job Number: 11.236

Station No.: _____ Location: 20001 Brookhurst St.Huntington Beach

Page 1 of 1

Client Name: _____ Shell Oil Products:

Gauged by: Lamat/Brenda

Well ID	Well Diam.	Gauging Order	Depth to Product	Depth To Water	Depth to Water (Check)	Depth to Well Bottom	Depth to Well Bottom (check)	Product Thickness	Length of Water Column	Well Screws		Outside Seal		Well box		Inside Seal		Well Cap			Top of casing		Comment
										Good	Needed	Good	Repair	Good	Repair	Good	Needed	Slip	Threaded	Locking	Good	Repair	
MW-4A	2"	6	/	6.83	6.83	14.70	14.70	/	7.87	✓		✓		✓		✓				✓	✓		no tag/Lock
MW-4B	2"	5	/	7.31	7.31	24.56	24.56	/	17.25	✓		✓		✓		✓				✓	✓		no tag/Lock
MW-4C	2"	4	/	5.43	5.43	34.62	34.62	/	29.19	✓		✓		✓		✓				✓	✓		no tag/Lock
MW-5A	2"	1	/	7.85	7.85	14.31	14.31	/	6.46	✓		✓		✓		✓				✓	✓		no tag/Lock
MW-5B	2"	2	/	8.04	8.04	24.42	24.42	/	16.38	✓		✓		✓		✓				✓	✓		no tag/Lock
MW-5C	2"	3	/	7.83	7.83	32.87	32.87	/	25.04	✓		✓		✓		✓				✓	✓		no tag/Lock

Total: 43

WAYNE PERRY, INC.
WELL PURGING, SAMPLING AND INSPECTION FORM

Job Number: 11.236

Station No._____ Location: 20001 Brookhurst St.Huntington Beach

Client Name: Shell Oil Products

Sampled By: LaMat

Well ID: MW-5A
Gauging Date: 7/16/12
Purging Date: ↓
Sampling Date: ↓

Well Diameter: 2"
Purging Method: Bailer
Sampling Method: DISP Bailer

Depth-to Water: 7.85
Depth-to-Bottom: 14.31
Water Column (ft): 6.46

WELL PURGING:

Calculate volume of water to purge:

1.0 gals x 3 = 3.0 gals

(1 casing volume) (no. of volumes to purge) (total volume to purge)

Multipliers for converting length of water column (feet) to gallons:

Well Diameter	Multiplier	Well Diameter	Multiplier	Well Diameter	Multiplier
1 inch	0.04	3 inch	0.37	6 inch	1.47
2 inch	0.16	4 inch	0.65		
1.5 inch	0.09			other radius (squared) x 0.163	

Purge Start Time: 08:05 **Water Qual. Instrument Used:** Oakton 510538

	1	2	3	Sample	COMMENTS
TIME	08:06	08:07	0808		
TEMP (°C)	23.9	23.9	23.8		
pH	7.28	7.26	7.22		
CONDUCTIVITY	1513	1510	1526		
TURBIDITY	21.4	11.1	28.6	124	
Dissolved Oxygen					
Oxy.Reduct. Potent.					
GALS. REMOVED	1.0	1.0	1.0		Total Gallons Purged 3.0

DO Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

REDOX Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

Did Well Dewater? no Water Storage/Disposal Method WPI No. of Drums Used_____

WELL SAMPLING:

Sampling Time 08:25 Recharge Level 7.93

Laboratory: Accutest

Analyses Requested: TPH-G X BTEX_____ MTBE_____ Oxygenates_____ Other 8015M / full scan 8260B

Trip Blank ID_____ Duplicate ID_____ Equipment Blank ID_____

WELL INSPECTION:

Well Cap Secured Y Well Cap Locked N Traffic Cover Secured Y

Well Box Cleaned and Free of Water Y

Repair/Replacement Performed_____

Repair/Replacement Needed Lock for cap

FieldMaster
revised 08/23/06

WAYNE PERRY, INC.
WELL PURGING, SAMPLING AND INSPECTION FORM

Job Number: 11.236

Station No._____ Location: 20001 Brookhurst St.Huntington Beach

Client Name: Shell Oil Products

Sampled By: LaMat

Well ID: MW-5B
Gauging Date: 7/6/12
Purging Date: ↓
Sampling Date: ↓

Well Diameter: 2"
Purging Method: Bailer
Sampling Method: Disp Bailer

Depth-to Water: 8.04
Depth-to-Bottom: 24.42
Water Column (ft): 16.38

WELL PURGING:

Calculate volume of water to purge:

2.5 gals x 3 = 7.5 gals

(1 casing volume) (no. of volumes to purge) (total volume to purge)

Multipliers for converting length of water column (feet) to gallons:

Well Diameter	Multiplier	Well Diameter	Multiplier	Well Diameter	Multiplier
1 inch	0.04	3 inch	0.37	6 inch	1.47
2 inch	0.16	4 inch	0.65		
1.5 inch	0.09			other radius (squared) x 0.163	

Purge Start Time: 08:16 **Water Qual. Instrument Used:** Oakton 510538

	1	2	3	Sample	COMMENTS
TIME	08:18	08:19			1 casing + 1 gal = insuff water
TEMP (°C)	23.3				
pH	7.79				
CONDUCTIVITY	1740				
TURBIDITY	50.0			56.4	
Dissolved Oxygen					
Oxy.Reduct. Potent.					
GALS. REMOVED	2.5	1.0			Total Gallons Purged 3.5

DO Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

REDOX Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

Did Well Dewater?_____ Water Storage/Disposal Method WPI No. of Drums Used_____

WELL SAMPLING:

Sampling Time 08:40 Recharge Level 11.28

Laboratory: Accutest

Analyses Requested: TPH-G X BTEX____ MTBE____ Oxygenates X Other 8015M / full scan 8260B

Trip Blank ID_____ Duplicate ID_____ Equipment Blank ID_____

WELL INSPECTION:

Well Cap Secured Y Well Cap Locked N Traffic Cover Secured Y

Well Box Cleaned and Free of Water Y

Repair/Replacement Performed_____

Repair/Replacement Needed Lock for cap

FieldMaster
revised 08/23/06

WAYNE PERRY, INC.
WELL PURGING, SAMPLING AND INSPECTION FORM

Job Number: 11.236

Station No._____ Location: 20001 Brookhurst St.Huntington Beach

Client Name: Shell Oil Products

Sampled By: Lamat

Well ID: MW-5C
Gauging Date: 7/6/12
Purging Date: ↓
Sampling Date: ↓

Well Diameter: 2"
Purging Method: Bailer
Sampling Method: Disp Bailer

Depth-to Water: 7.83
Depth-to-Bottom: 32.87
Water Column (ft): 25.04

WELL PURGING:

Calculate volume of water to purge:

4.0 gals x 3 = 12.0 gals

(1 casing volume) (no. of volumes to purge) (total volume to purge)

Multipliers for converting length of water column (feet) to gallons:

Well Diameter	Multiplier	Well Diameter	Multiplier	Well Diameter	Multiplier
1 inch	0.04	3 inch	0.37	6 inch	1.47
2 inch	0.16	4 inch	0.65		
1.5 inch	0.09			other radius (squared) x 0.163	

Purge Start Time: 08:24 **Water Qual. Instrument Used:** Oakton 510538

	1	2	3	Sample	COMMENTS
TIME	08:28	08:31	08:35		
TEMP (°C)	23.2	22.7	23.0		
pH	7.68	7.74	7.72		
CONDUCTIVITY	709	696	686		
TURBIDITY	29.3	17.4	7.1	39.4	
Dissolved Oxygen					
Oxy.Reduct. Potent.					
GALS. REMOVED	4.0	4.0	4.0		Total Gallons Purged 12.0

DO Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

REDOX Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

Did Well Dewater? no Water Storage/Disposal Method WPI No. of Drums Used_____

WELL SAMPLING:

Sampling Time 08:45 Recharge Level 9.69

Laboratory: Accutest

Analyses Requested: TPH-G X BTEX_____ MTBE_____ Oxygenates_____ Other 8015M/full scan 8260B

Trip Blank ID_____ Duplicate ID_____ Equipment Blank ID_____

WELL INSPECTION:

Well Cap Secured Y Well Cap Locked N Traffic Cover Secured Y

Well Box Cleaned and Free of Water Y

Repair/Replacement Performed_____

Repair/Replacement Needed Lock for cap

FieldMaster
revised 08/23/06

WAYNE PERRY, INC.
WELL PURGING, SAMPLING AND INSPECTION FORM

Job Number: 11.236

Station No._____ Location: 20001 Brookhurst St.Huntington Beach

Client Name: Shell Oil Products

Sampled By: LaMat

Well ID: MW-4C
Gauging Date: 7/6/12
Purging Date: ↓
Sampling Date:

Well Diameter: 2"
Purging Method: Bailer
Sampling Method: Disp Bailer

Depth-to Water: 5.43
Depth-to-Bottom: 34.62
Water Column (ft): 29.19

WELL PURGING:

Calculate volume of water to purge:

4.5 gals x 3 = 13.5 gals

(1 casing volume) (no. of volumes to purge) (total volume to purge)

Multipliers for converting length of water column (feet) to gallons:

Well Diameter	Multiplier	Well Diameter	Multiplier	Well Diameter	Multiplier
1 inch	0.04	3 inch	0.37	6 inch	1.47
2 inch	0.16	4 inch	0.65		
1.5 inch	0.09			other radius (squared) x 0.163	

Purge Start Time: 09:49 **Water Qual. Instrument Used:** Oakton 510538

	1	2	3	Sample	COMMENTS
TIME	09:53	09:58	10:01		
TEMP (°C)	22.8	23.0	23.0		
pH	7.81	7.60	7.73		
CONDUCTIVITY	557	557	560		
TURBIDITY	36.6	42.6	67.1	188	
Dissolved Oxygen					
Oxy.Reduct. Potent.					
GALS. REMOVED	4.5	4.5	4.5		Total Gallons Purged 13.5

DO Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

REDOX Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

Did Well Dewater? no Water Storage/Disposal Method WPI No. of Drums Used_____

WELL SAMPLING:

Sampling Time 10:15 Recharge Level 7.31

Laboratory: Accutest

Analyses Requested: TPH-G X BTEX____ MTBE____ Oxygenates____ Other 8015M / full scan 8260B

Trip Blank ID_____ Duplicate ID_____ Equipment Blank ID_____

WELL INSPECTION:

Well Cap Secured Y Well Cap Locked N Traffic Cover Secured Y

Well Box Cleaned and Free of Water Y

Repair/Replacement Performed_____

Repair/Replacement Needed Lock for cap

FieldMaster
revised 08/23/06

WAYNE PERRY, INC.
WELL PURGING, SAMPLING AND INSPECTION FORM

Job Number: 11.236

Station No._____ Location: 20001 Brookhurst St.Huntington Beach

Client Name: Shell Oil Products

Sampled By: LaMar N

Well ID: MW-4B
Well Diameter: 2"
Depth-to Water: 7.31
Gauging Date: 7/6/12
Purging Method: Bailer
Depth-to-Bottom: 24.56
Purging Date: ↓
Sampling Method: Disp Bailer
Water Column (ft): 17.25
Sampling Date:_____

WELL PURGING:

Calculate volume of water to purge:

2.5 gals x 3 = 7.5 gals

(1 casing volume) (no. of volumes to purge) (total volume to purge)

Multipliers for converting length of water column (feet) to gallons:

Well Diameter	Multiplier	Well Diameter	Multiplier	Well Diameter	Multiplier
1 inch	0.04	3 inch	0.37	6 inch	1.47
2 inch	0.16	4 inch	0.65		
1.5 inch	0.09			other radius (squared) x 0.163	

Purge Start Time: 10:04 **Water Qual. Instrument Used:** Dalton 510538

	1	2	3	Sample	COMMENTS
TIME	10:06	10:10	10:12		
TEMP (°C)	23.2	23.0	23.0		
pH	7.78	7.75	7.71		
CONDUCTIVITY	1535	1559	1572		
TURBIDITY	39.8	29.3	10.7	215	
Dissolved Oxygen					
Oxy.Reduct. Potent.					
GALS. REMOVED	2.5	2.5	2.5		Total Gallons Purged 7.5

DO Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

REDOX Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

Did Well Dewater? No Water Storage/Disposal Method WPI No. of Drums Used_____

WELL SAMPLING:

Sampling Time 10:24 Recharge Level 8.20

Laboratory: Accutest

Analyses Requested: TPH-G X BTEX____ MTBE____ Oxygenates____ Other 8015M / full scan 8260B

Trip Blank ID_____ Duplicate ID_____ Equipment Blank ID_____

WELL INSPECTION:

Well Cap Secured Y Well Cap Locked N Traffic Cover Secured Y

Well Box Cleaned and Free of Water Y

Repair/Replacement Performed_____

Repair/Replacement Needed Lock for Cap

FieldMaster
revised 08/23/06

WAYNE PERRY, INC.
WELL PURGING, SAMPLING AND INSPECTION FORM

Job Number: 11.236

Station No._____ Location: 20001 Brookhurst St.Huntington Beach

Client Name: Shell Oil Products

Sampled By: Lamar

Well ID: MW-4A
Well Diameter: 2"
Depth-to Water: 6.83
Gauging Date: 7/6/12
Purging Method: Bailer
Depth-to-Bottom: 14.70
Purging Date: ↓
Sampling Method: Disp Bailer
Water Column (ft): 7.87
Sampling Date: ↓

WELL PURGING:

Calculate volume of water to purge:

1.0 gals x 3 = 3.0 gals

(1 casing volume) (no. of volumes to purge) (total volume to purge)

Multipliers for converting length of water column (feet) to gallons:

Well Diameter	Multiplier	Well Diameter	Multiplier	Well Diameter	Multiplier
1 inch	0.04	3 inch	0.37	6 inch	1.47
2 inch	0.16	4 inch	0.65		
1.5 inch	0.09			other radius (squared) x 0.163	

Purge Start Time: 10:16 **Water Qual. Instrument Used:** Oakton 510538

	1	2	3	Sample	COMMENTS
TIME	10:17	10:18	10:19		
TEMP (°C)	23.4	23.6	23.4		
pH	7.42	7.42	7.42		
CONDUCTIVITY	1912	1825	1931		
TURBIDITY	77.7	75.1	136	278	
Dissolved Oxygen					
Oxy.Reduct. Potent.					
GALS. REMOVED	1.0	1.0	1.0		Total Gallons Purged 3.0

DO Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

REDOX Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

Did Well Dewater? no Water Storage/Disposal Method WPI No. of Drums Used_____

WELL SAMPLING:

Sampling Time 10:29 Recharge Level 7.42

Laboratory: Accutest

Analyses Requested: TPH-G X BTEX____ MTBE____ Oxygenates____ Other 8015M/full scan 8260B

Trip Blank ID_____ Duplicate ID_____ Equipment Blank ID_____

WELL INSPECTION:

Well Cap Secured Y Well Cap Locked N Traffic Cover Secured Y

Well Box Cleaned and Free of Water Y

Repair/Replacement Performed Y

Repair/Replacement Needed Lock for Cap

FieldMaster
revised 08/23/06

WAYNE PERRY, INC - Chain of Custody for Shell Oil Products

LAB (LOCATION)
- [ ] CALSCIENCE ( )
- [x] ACCUTEST ( )
- [ ] XENCO ( )
- [ ] TEST AMERICA ( )
- [ ] OTHER ( )

Please Check Appropriate Box:
- [x] ENV. SERVICES
- [ ] MOTIVA RETAIL
- [ ] SHELL RETAIL
- [ ] MOTIVA SD&CM
- [ ] CONSULTANT
- [ ] LUBES
- [ ] SHELL PIPELINE
- [ ] OTHER

Print Bill To:
WAYNE PERRY, INC.
8281 Commonwealth Ave
Buena Park, CA 90621

DATE: 7/6/12
PAGE: 1 of 1

SAMPLING COMPANY: Wayne Perry ,Inc
LOG CODE: WPBP
ADDRESS: 8281 Commonwealth Ave, Buena Park 90621
SAMPLING COMPANY PROJECT CONTACT (PDF Report to): For questions contact Mario Milanes
TELEPHONE: (714) 826-0352
FAX: (714) 523-7541
E-MAIL: MMilanes@WPInc.com

SITE ADDRESS: Street and City: 20001 Brookhurst St, Huntington Beach
State: CA
GLOBAL ID NO.: T060 5900535
EDF DELIVERABLE TO (Name, Company, Office Location): Elisabeth Ortega & Ashley Balsitis
PHONE NO.: (714) 826-0352
E-MAIL: EOrtega@WPInc.com ABalsitis@WPInc.com
CONSULTANT PROJECT NO.: 11-236
SAMPLER NAME(S) (Print): Lamat Kateb
LAB USE ONLY

TURNAROUND TIME (CALENDAR DAYS):
- [x] STANDARD (14 DAY)
- [ ] 5 DAYS
- [ ] 3 DAYS
- [ ] 2 DAYS
- [ ] 24 HOURS
- [ ] RESULTS NEEDED ON WEEKEND

- [ ] LA - RWQCB REPORT FORMAT
- [ ] UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES :

EDF and EDD for GWM site

- [x] SHELL CONTRACT RATE APPLIES
- [ ] STATE REIMBURSEMENT RATE APPLIES
- [ ] EDD NOT NEEDED
- [ ] RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	LAB 100 TPH-Diesel 8015M	LAB 54 TPH-G / BTEX / 6 oxy 8260	TPH-G/full scan/oxygenates/ethanol by 8260B	TPH-G / full scan / 6 oxy 8260	TPPH/full scan / oxigenates by 8260B	Methane (RSK-175)	Ethanol (8015)	Sulfate / Nitrate / ferrous iron	Total Lead	Alkalinity (SM2320B)	Carbon dioxide by SM4500	TEMPERATURE ON RECEIPT C° / Container PID Readings or Laboratory Notes
	MW-5A	7/6/12	08:25	W	X					3			X									
	MW-5B	↓	08:40	↓	X					↓			X									
	MW-5C	↓	08:45	↓	X					↓			X									
	MW-4C	↓	10:15	↓	X					↓			X									
	MW-4B	↓	10:24	↓	X					↓			X									
	MW-4A	↓	10:29	↓	X					↓			X									

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
7/6/12		7-6-12	12:00
		7-6-12	1300
7-6-12 1430			

05/2/06 Revision

NO. 698545

NON-HAZARDOUS WASTE DATA FORM

BESI # 210531

GENERATOR

Generator's Name and Mailing Address
SHELL OIL PRODUCTS US
20945 S. WILMINGTON AVE.
CARSON, CA 90810

Generator's Site Address (if different than mailing address)
SHELL OIL PRODUCTS US
20001 Brookhurst st.
Huntington Beach, CA. 92646

Generator's Phone: 713-241-7008

Andrea Wing

Container type removed from site:
☐ Drums ☐ Vacuum Truck ☐ Roll-off Truck ☐ Dump Truck
☐ Other _____
Quantity _____

Container type transported to receiving facility:
☐ Drums ☑ Vacuum Truck ☐ Roll-off Truck ☐ Dump Truck
☐ Other _____
Quantity 1 Volume 287 gallons

WASTE DESCRIPTION NON-HAZARDOUS WASTE LIQUIDS
GENERATING PROCESS PURGED GROUNDWATER

COMPONENTS OF WASTE	PPM	%	COMPONENTS OF WASTE	PPM	%
1. WATER		99-100%	3.		
2. TPH		<1%	4.		

Waste Profile _____ PROPERTIES: pH 7-10 ☐ SOLID ☒ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER _____

HANDLING INSTRUCTIONS: WEAR ALL APPROPRIATE PROTECTIVE CLOTHING

Generator Printed/Typed Name: Mario Milanes
Signature: [signature]
Month 09 Day 10 Year 12
The Generator certifies that the waste as described is 100% non-hazardous

TRANSPORTER

Transporter 1 Company Name: WAYNE PERRY
Phone#: 714-826-0352
Transporter 1 Printed/Typed Name: Jorge Gonzalez
Signature: [signature]
Month 09 Day 10 Year 12
Transporter Acknowledgment of Receipt of Materials

Transporter 2 Company Name: NIETO & SONS TRUCKING, INC.
Phone#: 714-990-6865
Transporter 2 Printed/Typed Name: Lupe Flores
Signature: [signature]
Month 9 Day 17 Year 12
Transporter Acknowledgment of Receipt of Materials

RECEIVING FACILITY

Designated Facility Name and Site Address
DEMENNO KERDOON
2000 N. ALAMEDA ST.
COMPTON, CA 90222

Phone#: 310-537-7100

INCIDENT: 98995452
RIPR: 95330
SAP: 135372

Printed/Typed Name: Marcus Wormley
Signature: [signature]
Month 09 Day 19 Year 12
Designated Facility Owner or Operator: Certification of receipt of materials covered by this data form.

WAYNE PERRY, INC.
WELL GAUGING FORM

Date: 9/11/12

Job Number: 11.236

Station No.: _____ Location: 20001 Brookhurst St.Huntington Beach

Page 1 of 2

Client Name: _____ Shell Oil Products:

Gauged by: Jorge G.

Well ID	Well Diam.	Gauging Order	Depth to Product	Depth To Water	Depth to Water (Check)	Depth to Well Bottom	Depth to Well Bottom (check)	Product Thickness	Length of Water Column	Well Screws		Outside Seal		Well box		Inside Seal		Well Cap			Top of casing		Comment
										Good	Needed	Good	Repair	Good	Repair	Good	Needed	Slip	Threaded	Locking	Good	Repair	
MW-1	4"	10	/	7.92	7.92	20.15	20.15	/	12.23	X		X		X		X				X	X		
MW-2	2"	2	/	7.56	7.56	19.74	19.74	/	12.18	X		X		X		X				X	X		
MW-3	2"	3	/	7.28	7.28	17.93	17.93	/	10.65	X		X		X		X				X	X		
MW-4A	2"	16	/	7.25	7.25	14.71	14.71	/	7.46	X		X		X		X				X	X		
MW-4B	2"	17	/	7.60	7.60	24.59	24.59	/	16.99	X		X		X		X				X	X		
MW-4C	2"	18	/	4.92	4.92	34.50	34.50	/	29.58	X		X		X		X				X	X		
MW-5A	2"	19	/	8.32	8.32	14.32	14.32	/	6.00	X		X		X		X				X	X		
MW-5B	2"	20	/	10.32	10.32	24.43	24.43	/	14.11	X		X		X		X				X	X		
MW-5C	2"	21	/	8.05	8.05	32.64	32.64	/	24.59	X		X		X		X				X	X		
B-2Rd	4"	11	/	7.96	7.96	20.95	20.95	/	12.99	X		X		X		X				X	X		
B-3Rd	4"	22	/	6.29	6.29	15.36	15.36	/	9.07	X		X		X		X				X	X		
B-4Rd	4"	12	/	7.74	7.74	21.49	21.49	/	13.75	X		X		X		X				X	X		
B-5Rd	4"	4	/	8.32	8.32	20.64	20.64	/	12.32	X		X		X		X				X	X		
B-8	4"	5	/	6.55	6.55	31.81	31.81	/	25.26	X		X		X		X				X	X		
B-9	4"	13	/	6.64	6.64	31.75	31.75	/	25.11	X		X		X		X				X	X		
B-10	4"	6	/	6.98	6.98	19.49	19.49	/	12.51	X		X		X		X				X		X	

287 Total

WAYNE PERRY, INC.
WELL GAUGING FORM

Date: 9/11/12

Job Number: 11.236

Station No.: _____ Location: 20001 Brookhurst St.Huntington Beach

Page 2 of 2

Client Name: _____ Shell Oil Products:

Gauged by: Jorge G.

Well ID	Well Diam.	Gauging Order	Depth to Product	Depth To Water	Depth to Water (Check)	Depth to Well Bottom	Depth to Well Bottom (check)	Product Thickness	Length of Water Column	Well Screws		Outside Seal		Well box		Inside Seal		Well Cap			Top of casing		Comment
										Good	Needed	Good	Repair	Good	Repair	Good	Needed	Slip	Threaded	Locking	Good	Repair	
B-11	4"	14	/	6.98	6.98	20.37	20.37	/	13.39	X		X		X		X				X	X		
B-12	4"	7	/	7.32	7.32	19.99	19.99	/	12.67	X		X		X		X				X	X		
B-13	4"	15	/	7.53	7.53	19.51	19.51	/	11.98	X		X		X		X				X	X		
VEW-2	4"	1	/	7.20	7.20	10.59	10.59	/	3.39	X		X		X		X				X	X		
VEW-4	4"	8	/	8.06	8.06	19.97	19.97	/	11.91	X		X		X		X				X	X		
VEW-5	4"	9	/	8.22	8.22	20.73	20.73	/	12.51	X		X		X		X				X	X		
DPE-2	4"	23	/	7.12	7.12	15.47	15.47	/	8.35	X		X		X		X				X	X		
DPE-5	4"	24	/	7.18	7.18	16.88	16.88	/	9.70	X		X		X		X				X	X		

WAYNE PERRY, INC.
WELL PURGING, SAMPLING AND INSPECTION FORM

Job Number: 11.236

Station No._____ Location: 20001 Brookhurst St.Huntington Beach

Client Name: Shell Oil Products

Sampled By: Jose C+ Eric

Well ID: VEW-2
Gauging Date: 9-11-12
Purging Date: 9-11-12
Sampling Date: 9-11-12

Well Diameter: 4
Purging Method: MAP
Sampling Method: disp. bailing

Depth-to Water: 7.20
Depth-to-Bottom: 10.59
Water Column (ft): 3.39

WELL PURGING:

Calculate volume of water to purge:

2.0 gals x 3 = 6.6 gals

(1 casing volume) (no. of volumes to purge) (total volume to purge)

Multipliers for converting length of water column (feet) to gallons:

Well Diameter	Multiplier	Well Diameter	Multiplier	Well Diameter	Multiplier
1 inch	0.04	3 inch	0.37	6 inch	1.47
2 inch	0.16	4 inch	0.65		
1.5 inch	0.09			other radius (squared) x 0.163	

Purge Start Time: 07:52 **Water Qual. Instrument Used:** OAKTON 109155

	1	2	3		COMMENTS
TIME	07:54				One Casing Only
TEMP (°C)	24.4				Insufficient water
pH	6.48				
CONDUCTIVITY	1409				
TURBIDITY	3.59			2.98	
Dissolved Oxygen					
Oxy.Reduct. Potent.					
GALS. REMOVED	2.2				Total Gallons Purged 2.5

DO Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

REDOX Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

Did Well Dewater? yes Water Storage/Disposal Method W.P.I No. of Drums Used_____

WELL SAMPLING:

Sampling Time 11:44 Recharge Level 7.22

Laboratory: Accutest

Analyses Requested: TPH-G_____ BTEX ✓ MTBE_____ Oxygenates ✓ Other ~~Ethanol~~ Lab 54

Trip Blank ID_____ Duplicate ID_____ Equipment Blank ID_____

WELL INSPECTION:

Well Cap Secured Ys Well Cap Locked Ys Traffic Cover Secured Ys

Well Box Cleaned and Free of Water Ys

Repair/Replacement Performed 0

Repair/Replacement Needed 0

FieldMaster
revised 08/23/06

WAYNE PERRY, INC.
WELL PURGING, SAMPLING AND INSPECTION FORM

Job Number: 11.236

Station No._____ Location: 20001 Brookhurst St.Huntington Beach

Client Name: Shell Oil Products

Sampled By: Jack Cr Eric

Well ID: MW-2
Gauging Date: 9-11-12
Purging Date: 9-11-12
Sampling Date: 9-11-12

Well Diameter: 2
Purging Method: MAH
Sampling Method: disp. bailer

Depth-to Water: 7.56
Depth-to-Bottom: 19.74
Water Column (ft): 12.18

WELL PURGING:

Calculate volume of water to purge:

1.9 gals x 3 = 5.7 gals

(1 casing volume) (no. of volumes to purge) (total volume to purge)

Multipliers for converting length of water column (feet) to gallons:

Well Diameter	Multiplier	Well Diameter	Multiplier	Well Diameter	Multiplier
1 inch	0.04	3 inch	0.37	6 inch	1.47
2 inch	0.16	4 inch	0.65		
1.5 inch	0.09			other radius (squared) x 0.163	

Purge Start Time: 09:22 **Water Qual. Instrument Used:** OAKTON 109155

	1	2	3		COMMENTS
TIME	09:24	09:26			TWO CASING ONLY + 1.09G
TEMP (°C)	23.8	23.6			3rd CASING
pH	6.17	6.26			
CONDUCTIVITY	1613	1620			INSUFFICIENT WATER
TURBIDITY	90.5	142		6.81	
Dissolved Oxygen					
Oxy.Reduct. Potent.					
GALS. REMOVED	1.9	1.9			Total Gallons Purged 5.0

DO Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

REDOX Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

Did Well Dewater? yes Water Storage/Disposal Method W.P.I. No. of Drums Used_____

WELL SAMPLING:

Sampling Time 09:52 Recharge Level 7.95

Laboratory: ACCUTEST

Analyses Requested: TPH-G ✓ BTEX ✓ MTBE____ Oxygenates ✓ Other 8260B Ethanol

Trip Blank ID_____ Duplicate ID_____ Equipment Blank ID_____

WELL INSPECTION:

Well Cap Secured yes Well Cap Locked yes Traffic Cover Secured yes

Well Box Cleaned and Free of Water yes

Repair/Replacement Performed 0

Repair/Replacement Needed 0

FieldMaster
revised 08/23/06

WAYNE PERRY, INC.
WELL PURGING, SAMPLING AND INSPECTION FORM

Job Number: 11.236

Station No._____ Location: 20001 Brookhurst St.Huntington Beach

Client Name: Shell Oil Products

Sampled By: Jose G Eric

Well ID: MW-3
Gauging Date: 9-11-12
Purging Date: 9-11-12
Sampling Date: 9-11-12

Well Diameter: 2
Purging Method: MAH
Sampling Method: disp. bailing

Depth-to Water: 7.28
Depth-to-Bottom: 17.93
Water Column (ft): 10.65

WELL PURGING:

Calculate volume of water to purge:

1.7 gals x 3 = 5.1 gals

(1 casing volume) (no. of volumes to purge) (total volume to purge)

Multipliers for converting length of water column (feet) to gallons:

Well Diameter	Multiplier	Well Diameter	Multiplier	Well Diameter	Multiplier
1 inch	0.04	3 inch	0.37	6 inch	1.47
2 inch	~~0.16~~	4 inch	0.65		
1.5 inch	0.09			other radius (squared) x 0.163	

Purge Start Time: 08:00 **Water Qual. Instrument Used:** OAKTON 109155

	1	2	3		COMMENTS
TIME	08:02	08:04	08:06		
TEMP (°C)	25.2	25.3	25.2		
pH	6.45	6.51	6.14		
CONDUCTIVITY	1754	1781	1786		
TURBIDITY	93.7	135	131	7.33	
Dissolved Oxygen					
Oxy.Reduct. Potent.					
GALS. REMOVED	1.7	1.7	1.7		**Total Gallons Purged** 5.1

DO Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

REDOX Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

Did Well Dewater? No Water Storage/Disposal Method WPI No. of Drums Used_____

WELL SAMPLING:

Sampling Time 11:53 Recharge Level 7.29

Laboratory: ACCUTEST

Analyses Requested: TPH-G_____ BTEX_____ MTBE_____ Oxygenates_____ Other Lab 54

Trip Blank ID_____ Duplicate ID_____ Equipment Blank ID_____

WELL INSPECTION:

Well Cap Secured Ys Well Cap Locked Ys Traffic Cover Secured Ys

Well Box Cleaned and Free of Water Ys

Repair/Replacement Performed 0

Repair/Replacement Needed 0

FieldMaster
revised 08/23/06

WAYNE PERRY, INC.
WELL PURGING, SAMPLING AND INSPECTION FORM

Job Number: 11.236

Station No._____ Location: 20001 Brookhurst St.Huntington Beach

Client Name: Shell Oil Products

Sampled By: Joe C + Eric

Well ID: B-5RC
Well Diameter: 4
Depth-to Water: 8.32
Gauging Date: 9-11-12
Purging Method: MAN
Depth-to-Bottom: 30.64
Purging Date: 9-11-12
Sampling Method: disp. bailing
Water Column (ft): 18.32
Sampling Date: 9-11-12

WELL PURGING:

Calculate volume of water to purge:

8.0 gals x 3 = 24.0 gals

(1 casing volume) (no. of volumes to purge) (total volume to purge)

Multipliers for converting length of water column (feet) to gallons:

Well Diameter	Multiplier	Well Diameter	Multiplier	Well Diameter	Multiplier
1 inch	0.04	3 inch	0.37	6 inch	1.47
2 inch	0.16	4 inch	0.65		
1.5 inch	0.09			other radius (squared) x 0.163	

Purge Start Time: 08:23 **Water Qual. Instrument Used:** OAKTON 109155

	1	2	3		COMMENTS
TIME	08:26				ONE casing only
TEMP (°C)	22.7				INSUFFICIENT water
pH	6.18				
CONDUCTIVITY	1566				
TURBIDITY	80.5			5.91	
Dissolved Oxygen					
Oxy.Reduct. Potent.					
GALS. REMOVED	8.0				Total Gallons Purged 8.0

DO Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

REDOX Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

Did Well Dewater? yes Water Storage/Disposal Method W.P.I No. of Drums Used_____

WELL SAMPLING:

Sampling Time 11:57 Recharge Level 8.34

Laboratory: Accutest

Analyses Requested: TPH-G_____ BTEX_____ MTBE_____ Oxygenates_____ Other Lab 54

Trip Blank ID_____ Duplicate ID_____ Equipment Blank ID_____

WELL INSPECTION:

Well Cap Secured yes Well Cap Locked yes Traffic Cover Secured yes

Well Box Cleaned and Free of Water yes

Repair/Replacement Performed 0

Repair/Replacement Needed 0

FieldMaster
revised 08/23/06

WAYNE PERRY, INC.
WELL PURGING, SAMPLING AND INSPECTION FORM

Job Number: 11.236

Station No._____ Location: 20001 Brookhurst St.Huntington Beach Page 5 of 24

Client Name: Shell Oil Products Sampled By: Joe C & Eric

Well ID: B-8 **Well Diameter:** 4 **Depth-to Water:** 6.55

Gauging Date: 9-11-12 **Purging Method:** MAP **Depth-to-Bottom:** 31.81

Purging Date: 9-11-12 **Sampling Method:** disp. bailing **Water Column (ft):** 25.26

Sampling Date: 9-11-12

WELL PURGING:

Calculate volume of water to purge:

16.4 gals x 3 = 49.2 gals

(1 casing volume) (no. of volumes to purge) (total volume to purge)

Multipliers for converting length of water column (feet) to gallons:

Well Diameter	Multiplier	Well Diameter	Multiplier	Well Diameter	Multiplier
1 inch	0.04	3 inch	0.37	6 inch	1.47
2 inch	0.16	4 inch	0.65		
1.5 inch	0.09			other radius (squared) x 0.163	

Purge Start Time: 10:20 **Water Qual. Instrument Used:** Oakton 10155

	1	2	3		COMMENTS
TIME	10:25	10:30	10:35		
TEMP (°C)	23.7	23.8	23.5		
pH	6.22	6.28	6.07		
CONDUCTIVITY	1358	1416	1425		
TURBIDITY	45.3	60.1	71.0	40.1	
Dissolved Oxygen					
Oxy.Reduct. Potent.					
GALS. REMOVED	16.4	16.4	16.4		Total Gallons Purged 49.3

DO Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

REDOX Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

Did Well Dewater? No Water Storage/Disposal Method W.P.I No. of Drums Used_____

WELL SAMPLING:

Sampling Time 10:50 Recharge Level 11.02

Laboratory: Accutest

Analyses Requested: TPH-G ✓ BTEX ✓ MTBE_____ Oxygenates ✓ Other Ethanol by 8260B

Trip Blank ID_____ Duplicate ID_____ Equipment Blank ID_____

WELL INSPECTION:

Well Cap Secured Yes Well Cap Locked Yes Traffic Cover Secured Yes

Well Box Cleaned and Free of Water Yes

Repair/Replacement Performed 0

Repair/Replacement Needed 0

FieldMaster
revised 08/23/06

WAYNE PERRY, INC.
WELL PURGING, SAMPLING AND INSPECTION FORM

Job Number: 11.236

Station No._____ Location: 20001 Brookhurst St.Huntington Beach

Client Name: Shell Oil Products

Sampled By: Joe Cr Eric

Well ID: B-10
Well Diameter: 4
Depth-to Water: 6.98
Gauging Date: 9-11-12
Purging Method: MAN
Depth-to-Bottom: 19.49
Purging Date: 9-11-12
Sampling Method: disp. bailer
Water Column (ft): 12.51
Sampling Date: 9-11-12

WELL PURGING:

Calculate volume of water to purge:

8.1 gals x 3 = 24.3 gals

(1 casing volume) (no. of volumes to purge) (total volume to purge)

Multipliers for converting length of water column (feet) to gallons:

Well Diameter	Multiplier	Well Diameter	Multiplier	Well Diameter	Multiplier
1 inch	0.04	3 inch	0.37	6 inch	1.47
2 inch	0.16	4 inch	0.65		
1.5 inch	0.09			other radius (squared) x 0.163	

Purge Start Time: 08:38 **Water Qual. Instrument Used:** OAKLOD 109155

	1	2	3		COMMENTS
TIME	08:41				One casing only + 5.0 gals
TEMP (°C)	23.6				Second casing
pH	6.53				insufficient water
CONDUCTIVITY	1808				
TURBIDITY	16.9			3.96	
Dissolved Oxygen					
Oxy.Reduct. Potent.					
GALS. REMOVED	8.1				Total Gallons Purged 11.0

DO Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

REDOX Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

Did Well Dewater? yes Water Storage/Disposal Method W.P.I. No. of Drums Used_____

WELL SAMPLING:

Sampling Time 12:02 Recharge Level 7.01

Laboratory: Accutest

Analyses Requested: TPH-G_____ BTEX_____ MTBE_____ Oxygenates_____ Other_____

Trip Blank ID_____ Duplicate ID_____ Equipment Blank ID_____

WELL INSPECTION:

Well Cap Secured Ys Well Cap Locked Ys Traffic Cover Secured Ys

Well Box Cleaned and Free of Water Ys

Repair/Replacement Performed 0

Repair/Replacement Needed 0

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revised 08/23/06

WAYNE PERRY, INC.
WELL PURGING, SAMPLING AND INSPECTION FORM

Job Number: 11.236

Station No._____ Location: 20001 Brookhurst St.Huntington Beach Page 7 of 24

Client Name: Shell Oil Products Sampled By: Jose Cy Eric

Well ID: B-12 **Well Diameter:** 4 **Depth-to Water:** 7.32
Gauging Date: 9-11-12 **Purging Method:** MAD **Depth-to-Bottom:** 19.99
Purging Date: 9-11-12 **Sampling Method:** disp. bailing **Water Column (ft):** 12.67
Sampling Date: 9-11-12

WELL PURGING:

Calculate volume of water to purge:

8.2 gals x 3 = 24.6 gals

(1 casing volume) (no. of volumes to purge) (total volume to purge)

Multipliers for converting length of water column (feet) to gallons:

Well Diameter	Multiplier	Well Diameter	Multiplier	Well Diameter	Multiplier
1 inch	0.04	3 inch	0.37	6 inch	1.47
2 inch	0.16	4 inch	0.65		
1.5 inch	0.09			other radius (squared) x 0.163	

Purge Start Time: 11:20 **Water Qual. Instrument Used:** OAKTON 109155

	1	2	3		COMMENTS
TIME	11:22				ONE Casing ONLY + 3.0 gals
TEMP (°C)	23.6				Second Casing
pH	6.14				INSUFFICIENT water
CONDUCTIVITY	1166				
TURBIDITY	67.9			12.0	
Dissolved Oxygen					
Oxy.Reduct. Potent.					
GALS. REMOVED	8.2				Total Gallons Purged 11.0

DO Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

REDOX Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

Did Well Dewater? yes Water Storage/Disposal Method Bulk Tank No. of Drums Used_____

WELL SAMPLING:

Sampling Time 13:00 Recharge Level 8.76

Laboratory: Accutest

Analyses Requested: TPH-G ✓ BTEX ✓ MTBE____ Oxygenates ✓ Other Ethanol by 8260B

Trip Blank ID_____ Duplicate ID_____ Equipment Blank ID_____

WELL INSPECTION:

Well Cap Secured Ys Well Cap Locked Ys Traffic Cover Secured Ys

Well Box Cleaned and Free of Water Ys

Repair/Replacement Performed 0

Repair/Replacement Needed 0

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WAYNE PERRY, INC.
WELL PURGING, SAMPLING AND INSPECTION FORM

Job Number: 11.236

Station No._____ Location: 20001 Brookhurst St.Huntington Beach

Client Name: Shell Oil Products

Sampled By: Joe Cf Eric

Well ID: VEW-4 **Well Diameter:** 4 **Depth-to Water:** 8.06

Gauging Date: 9-11-12 **Purging Method:** MAW **Depth-to-Bottom:** 19.97

Purging Date: 9-11-12 **Sampling Method:** disp. bailing **Water Column (ft):** 11.91

Sampling Date: 9-11-12

WELL PURGING:

Calculate volume of water to purge:

7.7 gals x 3 = 22.1 gals

(1 casing volume) (no. of volumes to purge) (total volume to purge)

Multipliers for converting length of water column (feet) to gallons:

Well Diameter	Multiplier	Well Diameter	Multiplier	Well Diameter	Multiplier
1 inch	0.04	3 inch	0.37	6 inch	1.47
2 inch	0.16	4 inch	0.65		
1.5 inch	0.09			other radius (squared) x 0.163	

Purge Start Time: 08:51 **Water Qual. Instrument Used:** OAKTON 109155

	1	2	3		COMMENTS
TIME	08:54				One casing only
TEMP (°C)	22.4				Musty Fluorescent water
pH	6.12				
CONDUCTIVITY	1792				
TURBIDITY	36.5			4.12	
Dissolved Oxygen					
Oxy.Reduct. Potent.					
GALS. REMOVED	7.7				Total Gallons Purged 8.0

DO Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

REDOX Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

Did Well Dewater? yes Water Storage/Disposal Method W.P.I. No. of Drums Used_____

WELL SAMPLING:

Sampling Time 12:07 Recharge Level 8.08

Laboratory: ACCUTEST

Analyses Requested: TPH-G_____ BTEX_____ MTBE_____ Oxygenates_____ Other Lab 54

Trip Blank ID_____ Duplicate ID_____ Equipment Blank ID_____

WELL INSPECTION:

Well Cap Secured Ys Well Cap Locked Ys Traffic Cover Secured Ys

Well Box Cleaned and Free of Water Ys

Repair/Replacement Performed 0

Repair/Replacement Needed 0

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WAYNE PERRY, INC.
WELL PURGING, SAMPLING AND INSPECTION FORM

Job Number: 11.236

Station No._____ Location: 20001 Brookhurst St.Huntington Beach

Client Name: Shell Oil Products

Sampled By: Jon C + Enrico

Well ID: VEW-5
Gauging Date: 9-11-12
Purging Date: 9-11-12
Sampling Date: 9-11-12

Well Diameter: 4
Purging Method: pump
Sampling Method: disp. bailer

Depth-to Water: 8.22
Depth-to-Bottom: 20.73
Water Column (ft): 12.51

WELL PURGING:

Calculate volume of water to purge:

8.1 gals x 3 = 24.3 gals

(1 casing volume) (no. of volumes to purge) (total volume to purge)

Multipliers for converting length of water column (feet) to gallons:

Well Diameter	Multiplier	Well Diameter	Multiplier	Well Diameter	Multiplier
1 inch	0.04	3 inch	0.37	6 inch	1.47
2 inch	0.16	4 inch	0.65		
1.5 inch	0.09			other radius (squared) x 0.163	

Purge Start Time: 08:57 **Water Qual. Instrument Used:** Oakton 109155

	1	2	3		COMMENTS
TIME	08:59				one casing only + 3-0 gls
TEMP (°C)	22.5				second casing
pH	6.23				insufficient water
CONDUCTIVITY	1809				
TURBIDITY	SL-4			5.11	
Dissolved Oxygen					
Oxy.Reduct. Potent.					
GALS. REMOVED	8.1				Total Gallons Purged 11.0

DO Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

REDOX Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

Did Well Dewater? yes Water Storage/Disposal Method W.P.I. No. of Drums Used_____

WELL SAMPLING:

Sampling Time 12:14 Recharge Level 8.24

Laboratory: Accutest

Analyses Requested: TPH-G_____ BTEX_____ MTBE_____ Oxygenates_____ Other Lab 54

Trip Blank ID_____ Duplicate ID_____ Equipment Blank ID_____

WELL INSPECTION:

Well Cap Secured yes Well Cap Locked yes Traffic Cover Secured yes

Well Box Cleaned and Free of Water yes

Repair/Replacement Performed ∅

Repair/Replacement Needed ∅

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WAYNE PERRY, INC.
WELL PURGING, SAMPLING AND INSPECTION FORM

Job Number: 11.236

Station No._____ Location: 20001 Brookhurst St.Huntington Beach

Client Name: Shell Oil Products

Sampled By: Jorge C.

Well ID: MW-1 **Well Diameter:** 4" **Depth-to Water:** 7.92

Gauging Date: 9/11/12 **Purging Method:** Bailer **Depth-to-Bottom:** 20.15

Purging Date: L **Sampling Method:** disp. Bailer **Water Column (ft):** 12.23

Sampling Date: L

WELL PURGING:

Calculate volume of water to purge:

7.94 gals x 3 = 23.84 gals

(1 casing volume) (no. of volumes to purge) (total volume to purge)

Multipliers for converting length of water column (feet) to gallons:

Well Diameter	Multiplier	Well Diameter	Multiplier	Well Diameter	Multiplier
1 inch	0.04	3 inch	0.37	6 inch	1.47
2 inch	0.16	4 inch	0.65		
1.5 inch	0.09			other radius (squared) x 0.163	

Purge Start Time: 09:32 **Water Qual. Instrument Used:** OAKTON S#143669

	1	2	3		COMMENTS
TIME	09:34	09:35			Brown water
TEMP (°C)	24.4				WELL Dewatered / Casing
pH	7.66				+ 3 gals.
CONDUCTIVITY	627				
TURBIDITY	26.3			6.91	
Dissolved Oxygen					
Oxy.Reduct. Potent.					
GALS. REMOVED	8.0	3.0			Total Gallons Purged 11.0

DO Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

REDOX Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

Did Well Dewater? yes Water Storage/Disposal Method Bulk Tank No. of Drums Used_____

WELL SAMPLING:

Sampling Time 12:21 Recharge Level 7.95

Laboratory: Accutest

Analyses Requested: TPH-G_____ BTEX_____ MTBE_____ Oxygenates_____ Other Lab 54

Trip Blank ID_____ Duplicate ID_____ Equipment Blank ID_____

WELL INSPECTION:

Well Cap Secured yes Well Cap Locked yes Traffic Cover Secured yes

Well Box Cleaned and Free of Water yes

Repair/Replacement Performed 0

Repair/Replacement Needed 0

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WAYNE PERRY, INC.
WELL PURGING, SAMPLING AND INSPECTION FORM

Job Number: 11.236

Station No._____ Location: 20001 Brookhurst St.Huntington Beach

Client Name: Shell Oil Products

Sampled By: Joseph

Well ID: B-2Rd **Well Diameter:** 4" **Depth-to Water:** 7.96

Gauging Date: 9/11/12 **Purging Method:** Bailer **Depth-to-Bottom:** 20.95

Purging Date: — **Sampling Method:** disp-Bail **Water Column (ft):** 12.99

Sampling Date: —

WELL PURGING:

Calculate volume of water to purge:

8.44 gals x 3 = 25.33 gals

(1 casing volume) (no. of volumes to purge) (total volume to purge)

Multipliers for converting length of water column (feet) to gallons:

Well Diameter	Multiplier	Well Diameter	Multiplier	Well Diameter	Multiplier
1 inch	0.04	3 inch	0.37	6 inch	1.47
2 inch	0.16	4 inch	0.65		
1.5 inch	0.09			other radius (squared) x 0.163	

Purge Start Time: 09:48 **Water Qual. Instrument Used:** OAKTON S#143669

	1	2	3		COMMENTS
TIME	09:51	09:54			Dark Water
TEMP (°C)	23.8	23.6			Well Dewatered 2 casing
pH	7.44	7.45			
CONDUCTIVITY	785	838			
TURBIDITY	15.69	39.0		4.86	
Dissolved Oxygen					
Oxy.Reduct. Potent.					
GALS. REMOVED	8.44	8.0			Total Gallons Purged 16

DO Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

REDOX Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

Did Well Dewater? yes Water Storage/Disposal Method Bulk Tank No. of Drums Used_____

WELL SAMPLING:

Sampling Time 12:26 Recharge Level 7.98

Laboratory: Accutest

Analyses Requested: TPH-G_____ BTEX_____ MTBE_____ Oxygenates_____ Other Lab 54

Trip Blank ID_____ Duplicate ID_____ Equipment Blank ID_____

WELL INSPECTION:

Well Cap Secured yes Well Cap Locked yes Traffic Cover Secured yes

Well Box Cleaned and Free of Water yes

Repair/Replacement Performed 0

Repair/Replacement Needed 0

WAYNE PERRY, INC.
WELL PURGING, SAMPLING AND INSPECTION FORM

Job Number: 11.236

Station No._____ Location: 20001 Brookhurst St.Huntington Beach

Client Name: Shell Oil Products

Sampled By: Jorge C.

Well ID: B-4Rd **Well Diameter:** 4" **Depth-to Water:** 7.74

Gauging Date: 9/11/12 **Purging Method:** Bail **Depth-to-Bottom:** 21.49

Purging Date: — **Sampling Method:** disp. Bail **Water Column (ft):** 13.75

Sampling Date: —

WELL PURGING:

Calculate volume of water to purge:

8.93 gals x 3 = 26.81 gals

(1 casing volume) (no. of volumes to purge) (total volume to purge)

Multipliers for converting length of water column (feet) to gallons:

Well Diameter	Multiplier	Well Diameter	Multiplier	Well Diameter	Multiplier
1 inch	0.04	3 inch	0.37	6 inch	1.47
2 inch	0.16	4 inch	0.65		
1.5 inch	0.09			other radius (squared) x 0.163	

Purge Start Time: 10:02 **Water Qual. Instrument Used:** OAKTON S#143669

	1	2	3		COMMENTS
TIME	10:05	10:06			Brown Water
TEMP (°C)	23.5				well Dewatered 1 casing
pH	7.44				+ 3gls
CONDUCTIVITY	914				
TURBIDITY	36.6			2.87	
Dissolved Oxygen					
Oxy.Reduct. Potent.					
GALS. REMOVED	9.0	3.0			Total Gallons Purged 12.0

DO Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

REDOX Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

Did Well Dewater? yes Water Storage/Disposal Method Bulk Tank No. of Drums Used_____

WELL SAMPLING:

Sampling Time 12:33 Recharge Level 7.76

Laboratory: Accutest

Analyses Requested: TPH-G_____ BTEX_____ MTBE_____ Oxygenates_____ Other Lab 54

Trip Blank ID_____ Duplicate ID_____ Equipment Blank ID_____

WELL INSPECTION:

Well Cap Secured yes Well Cap Locked yes Traffic Cover Secured yes

Well Box Cleaned and Free of Water yes

Repair/Replacement Performed 0

Repair/Replacement Needed 0

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WAYNE PERRY, INC.
WELL PURGING, SAMPLING AND INSPECTION FORM

Job Number: 11.236

Station No._____ Location: 20001 Brookhurst St.Huntington Beach

Client Name: Shell Oil Products

Sampled By: Don G. Eric

Well ID: B-9
Gauging Date: 9-11-12
Purging Date: 9-11-12
Sampling Date: 9-11-12

Well Diameter: 4"
Purging Method: MAP
Sampling Method: disp. bailer

Depth-to Water: 6.64
Depth-to-Bottom: 31.75
Water Column (ft): 25.11

WELL PURGING:

Calculate volume of water to purge:

16.36 gals x 3 = 48.96 gals

(1 casing volume) (no. of volumes to purge) (total volume to purge)

Multipliers for converting length of water column (feet) to gallons:

Well Diameter	Multiplier	Well Diameter	Multiplier	Well Diameter	Multiplier
1 inch	0.04	3 inch	0.37	6 inch	1.47
2 inch	0.16	4 inch	0.65		
1.5 inch	0.09			other radius (squared) x 0.163	

Purge Start Time: 10:14 **Water Qual. Instrument Used:** Oakton 109155

	1	2	3		COMMENTS
TIME	10:19	10:24	10:26		Brown Water
TEMP (°C)	24.0	24.0			Well Dewatered 2 Casing +
pH	7.53	7.53			10 gls.
CONDUCTIVITY	883	964			
TURBIDITY	25.3	33.3		3.59	
Dissolved Oxygen					
Oxy.Reduct. Potent.					
GALS. REMOVED	16.36	16.36	10		Total Gallons Purged 42.0

DO Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

REDOX Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

Did Well Dewater? Yes Water Storage/Disposal Method W.P.I No. of Drums Used_____

WELL SAMPLING:

Sampling Time 12:40 Recharge Level 6.66

Laboratory: Accutest

Analyses Requested: TPH-G_____ BTEX_____ MTBE_____ Oxygenates_____ Other Lab 54

Trip Blank ID_____ Duplicate ID_____ Equipment Blank ID_____

WELL INSPECTION:

Well Cap Secured Y/S Well Cap Locked Y/S Traffic Cover Secured Y/S

Well Box Cleaned and Free of Water Y/S

Repair/Replacement Performed 0

Repair/Replacement Needed 0

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WAYNE PERRY, INC.
WELL PURGING, SAMPLING AND INSPECTION FORM

Job Number: 11.236

Station No._____ Location: 20001 Brookhurst St.Huntington Beach

Client Name: Shell Oil Products

Sampled By: Jose C + Eric

Well ID: B-11
Gauging Date: 9-11-12
Purging Date: 9-11-12
Sampling Date: 9-11-12

Well Diameter: 4
Purging Method: MAM
Sampling Method: disp. bailing

Depth-to Water: 6.98
Depth-to-Bottom: 20.37
Water Column (ft): 13.39

WELL PURGING:

Calculate volume of water to purge:

8.7 gals x 3 = 25.1 gals

(1 casing volume) (no. of volumes to purge) (total volume to purge)

Multipliers for converting length of water column (feet) to gallons:

Well Diameter	Multiplier	Well Diameter	Multiplier	Well Diameter	Multiplier
1 inch	0.04	3 inch	0.37	6 inch	1.47
2 inch	0.16	4 inch	0.65		
1.5 inch	0.09			other radius (squared) x 0.163	

Purge Start Time: 11:28 **Water Qual. Instrument Used:** OAKTON 109155

	1	2	3		COMMENTS
TIME	11:30				ONE Casing ONLY + 3.0 gls
TEMP (°C)	23.9				Second Casing
pH	6.04				
CONDUCTIVITY	1867				INSUFFICIENTE water
TURBIDITY	174			15.0	
Dissolved Oxygen					
Oxy.Reduct. Potent.					
GALS. REMOVED	8.7				Total Gallons Purged 12.0

DO Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

REDOX Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

Did Well Dewater? yes Water Storage/Disposal Method WPI No. of Drums Used_____

WELL SAMPLING:

Sampling Time 13:05 Recharge Level 7.25

Laboratory: Accutest

Analyses Requested: TPH-G ✓ BTEX ✓ MTBE____ Oxygenates ✓ Other Ethanol by 8260B

Trip Blank ID_____ Duplicate ID_____ Equipment Blank ID_____

WELL INSPECTION:

Well Cap Secured Ys Well Cap Locked Ys Traffic Cover Secured Ys

Well Box Cleaned and Free of Water Ys

Repair/Replacement Performed 0

Repair/Replacement Needed 0

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WAYNE PERRY, INC.
WELL PURGING, SAMPLING AND INSPECTION FORM

Job Number: 11.236

Station No._____ Location: 20001 Brookhurst St.Huntington Beach

Client Name: Shell Oil Products

Sampled By: Jake C + Eric

Well ID: B-13
Gauging Date: 9-11-12
Purging Date: 9-11-12
Sampling Date: 9-11-12

Well Diameter: 4
Purging Method: MAN
Sampling Method: disp. bailing

Depth-to Water: 7.53
Depth-to-Bottom: 19.51
Water Column (ft): 11.98

WELL PURGING:

Calculate volume of water to purge:

7.7 gals x 3 = 23.1 gals

(1 casing volume) (no. of volumes to purge) (total volume to purge)

Multipliers for converting length of water column (feet) to gallons:

Well Diameter	Multiplier	Well Diameter	Multiplier	Well Diameter	Multiplier
1 inch	0.04	3 inch	0.37	6 inch	1.47
2 inch	0.16	4 inch	0.65		
1.5 inch	0.09			other radius (squared) x 0.163	

Purge Start Time: 11:35 **Water Qual. Instrument Used:** OAKTON 109155

	1	2	3		COMMENTS
TIME	11:37				one casing only
TEMP (°C)	23.8				
pH	6.02				insufficiente water
CONDUCTIVITY	257				
TURBIDITY	187			7.75	
Dissolved Oxygen					
Oxy.Reduct. Potent.					
GALS. REMOVED	7.7				**Total Gallons Purged** 8.0

DO Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

REDOX Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

Did Well Dewater?_____ Water Storage/Disposal Method W.P.I No. of Drums Used_____

WELL SAMPLING:

Sampling Time 13:10 Recharge Level 7.69

Laboratory: Accutest

Analyses Requested: TPH-G ✓ BTEX____ MTBE ✓ Oxygenates ✓ Other Ethanol by 8260B

Trip Blank ID_____ Duplicate ID_____ Equipment Blank ID_____

WELL INSPECTION:

Well Cap Secured yes Well Cap Locked yes Traffic Cover Secured yes

Well Box Cleaned and Free of Water yes

Repair/Replacement Performed 0

Repair/Replacement Needed 0

FieldMaster
revised 08/23/06

WAYNE PERRY, INC.
WELL PURGING, SAMPLING AND INSPECTION FORM

Job Number: 11.236

Station No._____ Location: 20001 Brookhurst St.Huntington Beach

Client Name: Shell Oil Products

Sampled By: Joe C & Eric

Well ID: MW-4A
Gauging Date: 9-11-12
Purging Date: 9-11-12
Sampling Date: 9-11-12

Well Diameter: 2
Purging Method: MAN
Sampling Method: disp. bailing

Depth-to Water: 7.25
Depth-to-Bottom: 14.71
Water Column (ft): 7.46

WELL PURGING:

Calculate volume of water to purge:

1.1 gals x 3 = 3.3 gals

(1 casing volume) (no. of volumes to purge) (total volume to purge)

Multipliers for converting length of water column (feet) to gallons:

Well Diameter	Multiplier	Well Diameter	Multiplier	Well Diameter	Multiplier
1 inch	0.04	3 inch	0.37	6 inch	1.47
2 inch	0.16	4 inch	0.65		
1.5 inch	0.09			other radius (squared) x 0.163	

Purge Start Time: 11:44 **Water Qual. Instrument Used:** OAKTON 109155

	1	2	3		COMMENTS
TIME	11:46	11:48	11:50		
TEMP (°C)	24.2	24.0	24.1		
pH	6.08	6.12	6.14		
CONDUCTIVITY	1566	1538	1521		
TURBIDITY	124	72.8	65.0	13.2	
Dissolved Oxygen					
Oxy.Reduct. Potent.					
GALS. REMOVED	1.1	1.1	1.1		Total Gallons Purged 3.3

DO Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

REDOX Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

Did Well Dewater? No Water Storage/Disposal Method W.P.I. No. of Drums Used_____

WELL SAMPLING:

Sampling Time 13:15 Recharge Level 7.40

Laboratory: Accutest

Analyses Requested: TPH-G ✓ BTEX ✓ MTBE____ Oxygenates ✓ Other Ethanol by 8260B

Trip Blank ID_____ Duplicate ID_____ Equipment Blank ID_____

WELL INSPECTION:

Well Cap Secured Yes Well Cap Locked Yes Traffic Cover Secured Yes

Well Box Cleaned and Free of Water Yes

Repair/Replacement Performed 0

Repair/Replacement Needed 0

FieldMaster
revised 08/23/06

WAYNE PERRY, INC.
WELL PURGING, SAMPLING AND INSPECTION FORM

Job Number: 11.236

Station No._____ Location: 20001 Brookhurst St.Huntington Beach

Client Name: Shell Oil Products

Sampled By: Jac C+ Eric

Well ID: MW-4B
Gauging Date: 9-11-12
Purging Date: 9-11-12
Sampling Date: 9-11-12

Well Diameter: 2
Purging Method: MAD
Sampling Method: disp. bailing

Depth-to Water: 7.60
Depth-to-Bottom: 24.59
Water Column (ft): 16.99

WELL PURGING:

Calculate volume of water to purge:

2.7 gals x 3 = 8.1 gals

(1 casing volume) (no. of volumes to purge) (total volume to purge)

Multipliers for converting length of water column (feet) to gallons:

Well Diameter	Multiplier	Well Diameter	Multiplier	Well Diameter	Multiplier
1 inch	0.04	3 inch	0.37	6 inch	1.47
2 inch	0.16	4 inch	0.65		
1.5 inch	0.09			other radius (squared) x 0.163	

Purge Start Time: 11:52 **Water Qual. Instrument Used:** OAKTON 109155

	1	2	3		COMMENTS
TIME	11:54	11:56	11:58		
TEMP (°C)	23.6	23.7	23.7		
pH	6.23	6.26	6.29		
CONDUCTIVITY	1381	1429	1446		
TURBIDITY	88.8	123	120	34.0	
Dissolved Oxygen					
Oxy.Reduct. Potent.					
GALS. REMOVED	2.7	2.7	2.7		**Total Gallons Purged** 8.1

DO Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

REDOX Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

Did Well Dewater? No Water Storage/Disposal Method W.P.I No. of Drums Used_____

WELL SAMPLING:

Sampling Time 13:20 Recharge Level 8.07

Laboratory: Accutest

Analyses Requested: TPH-G ✓ BTEX ✓ MTBE____ Oxygenates ✓ Other Ethanol by 8260B

Trip Blank ID_____ Duplicate ID_____ Equipment Blank ID_____

WELL INSPECTION:

Well Cap Secured Ys Well Cap Locked Yes Traffic Cover Secured Ys

Well Box Cleaned and Free of Water Ys

Repair/Replacement Performed 0

Repair/Replacement Needed 0

FieldMaster
revised 08/23/06

WAYNE PERRY, INC.
WELL PURGING, SAMPLING AND INSPECTION FORM

Job Number: 11.236

Station No._____ Location: 20001 Brookhurst St.Huntington Beach

Client Name: Shell Oil Products

Sampled By: Jose Cr Eric

Well ID: MW-4C
Gauging Date: 9-11-12
Purging Date: 9-11-12
Sampling Date: 9-11-12

Well Diameter: 2
Purging Method: MAM
Sampling Method: disp. bailing

Depth-to Water: 4.92
Depth-to-Bottom: 34.50
Water Column (ft): 29.58

WELL PURGING:

Calculate volume of water to purge:

4.7 gals x 3 = 14.1 gals

(1 casing volume) (no. of volumes to purge) (total volume to purge)

Multipliers for converting length of water column (feet) to gallons:

Well Diameter	Multiplier	Well Diameter	Multiplier	Well Diameter	Multiplier
1 inch	0.04	3 inch	0.37	6 inch	1.47
2 inch	0.16	4 inch	0.65		
1.5 inch	0.09			other radius (squared) x 0.163	

Purge Start Time: 12:00 **Water Qual. Instrument Used:** OAKTON 109155

	1	2	3		COMMENTS
TIME	12:03	12:06	12:09		
TEMP (°C)	23.1	23.2			
pH	6.18	6.21	6.16		
CONDUCTIVITY	422	403	417		
TURBIDITY	101	46.9	33.6	68.7	
Dissolved Oxygen					
Oxy.Reduct. Potent.					
GALS. REMOVED	4.7	4.7	4.7		**Total Gallons Purged** 14.1

DO Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

REDOX Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

Did Well Dewater? NO Water Storage/Disposal Method W.P.I No. of Drums Used_____

WELL SAMPLING:

Sampling Time 13:25 Recharge Level 5.96

Laboratory: Accutest

Analyses Requested: TPH-G ✓ BTEX ✓ MTBE____ Oxygenates ✓ Other Ethanol by 8260B

Trip Blank ID_____ Duplicate ID_____ Equipment Blank ID_____

WELL INSPECTION:

Well Cap Secured Yes Well Cap Locked Yes Traffic Cover Secured Yes

Well Box Cleaned and Free of Water Yes

Repair/Replacement Performed 0

Repair/Replacement Needed 0

FieldMaster
revised 08/23/06

WAYNE PERRY, INC.
WELL PURGING, SAMPLING AND INSPECTION FORM

Job Number: 11.236

Station No._____ Location: 20001 Brookhurst St.Huntington Beach

Client Name: Shell Oil Products

Sampled By: Jorge

Well ID: B-3Rd
Well Diameter: 4"
Depth-to Water: 6.29
Gauging Date: 9/11/12
Purging Method: Bailer
Depth-to-Bottom: 15.36
Purging Date: L
Sampling Method: disp. Bailer
Water Column (ft): 9.07
Sampling Date:

WELL PURGING:

Calculate volume of water to purge:

5.89 gals x 3 = 17.68 gals

(1 casing volume) (no. of volumes to purge) (total volume to purge)

Multipliers for converting length of water column (feet) to gallons:

Well Diameter	Multiplier	Well Diameter	Multiplier	Well Diameter	Multiplier
1 inch	0.04	3 inch	0.37	6 inch	1.47
2 inch	0.16	4 inch	0.65		
1.5 inch	0.09			other radius (squared) x 0.163	

Purge Start Time: 10:40 **Water Qual. Instrument Used:** OAKTON S#143669

	1	2	3		COMMENTS
TIME	10:42	10:44			Brown Water
TEMP (°C)	24.5	24.5			Well Dewatered 2 Casing
pH	7.41	7.40			
CONDUCTIVITY	959	956			
TURBIDITY	117	158		3.91	
Dissolved Oxygen					
Oxy.Reduct. Potent.					
GALS. REMOVED	6.0	6.0			Total Gallons Purged 12.0

DO Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

REDOX Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

Did Well Dewater? NO Water Storage/Disposal Method Bulk Tank No. of Drums Used_____

WELL SAMPLING:

Sampling Time 12:48 Recharge Level 6.31

Laboratory: Accutest

Analyses Requested: TPH-G_____ BTEX_____ MTBE_____ Oxygenates_____ Other Lab 54

Trip Blank ID_____ Duplicate ID_____ Equipment Blank ID_____

WELL INSPECTION:

Well Cap Secured yes Well Cap Locked yes Traffic Cover Secured yes

Well Box Cleaned and Free of Water yes

Repair/Replacement Performed 0

Repair/Replacement Needed 0

FieldMaster
revised 08/23/06

WAYNE PERRY, INC.
WELL PURGING, SAMPLING AND INSPECTION FORM

Job Number: 11.236

Station No._____ Location: 20001 Brookhurst St.Huntington Beach

Client Name: Shell Oil Products

Sampled By: Jorge G.

Well ID: DPE-5 **Well Diameter:** 4" **Depth-to Water:** 7.18

Gauging Date: 9/11/12 **Purging Method:** Bailer **Depth-to-Bottom:** 16.88

Purging Date: L **Sampling Method:** disp. Bailer **Water Column (ft):** 9.70

Sampling Date:

WELL PURGING:

Calculate volume of water to purge:

6.30 gals x 3 = 18.91 gals

(1 casing volume) (no. of volumes to purge) (total volume to purge)

Multipliers for converting length of water column (feet) to gallons:

Well Diameter	Multiplier	Well Diameter	Multiplier	Well Diameter	Multiplier
1 inch	0.04	3 inch	0.37	6 inch	1.47
2 inch	0.16	4 inch	0.65		
1.5 inch	0.09			other radius (squared) x 0.163	

Purge Start Time: 10:51 **Water Qual. Instrument Used:** OAKTON S#143669

	1	2	3		COMMENTS
TIME	10:53	10:55			Dark water
TEMP (°C)	22.7	22.6			well dewatered 2 casing
pH	7.26	7.25			
CONDUCTIVITY	681	682			
TURBIDITY	19.79	15.51		4.16	
Dissolved Oxygen					
Oxy.Reduct. Potent.					
GALS. REMOVED	6.30	6.30			Total Gallons Purged 13.0

DO Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

REDOX Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

Did Well Dewater? yes Water Storage/Disposal Method Bulk Tank No. of Drums Used_____

WELL SAMPLING:

Sampling Time 12:53 Recharge Level 7.20

Laboratory: Acentest

Analyses Requested: TPH-G_____ BTEX_____ MTBE_____ Oxygenates_____ Other Lab 54

Trip Blank ID_____ Duplicate ID_____ Equipment Blank ID_____

WELL INSPECTION:

Well Cap Secured yes Well Cap Locked yes Traffic Cover Secured yes

Well Box Cleaned and Free of Water yes

Repair/Replacement Performed 0

Repair/Replacement Needed 0

FieldMaster
revised 08/23/06

WAYNE PERRY, INC.
WELL PURGING, SAMPLING AND INSPECTION FORM

Job Number: 11.236

Station No._____ Location: 20001 Brookhurst St.Huntington Beach

Client Name: Shell Oil Products

Sampled By: Jorge G.

Well ID: DPE-2	**Well Diameter:** 4"	**Depth-to Water:** 7.12
Gauging Date: 9/11/12	**Purging Method:** Bailer	**Depth-to-Bottom:** 15.47
Purging Date: L	**Sampling Method:** disp. Bailer	**Water Column (ft):** 8.35
Sampling Date: L		

WELL PURGING:

Calculate volume of water to purge:

5.42 gals x 3 = 16.28 gals

(1 casing volume) (no. of volumes to purge) (total volume to purge)

Multipliers for converting length of water column (feet) to gallons:

Well Diameter	Multiplier	Well Diameter	Multiplier	Well Diameter	Multiplier
1 inch	0.04	3 inch	0.37	6 inch	1.47
2 inch	0.16	4 inch	0.65		
1.5 inch	0.09			other radius (squared) x 0.163	

Purge Start Time: 11:05 **Water Qual. Instrument Used:** OAKTON S#143669

	1	2	3		COMMENTS
TIME	11:07	11:08			Dark Water
TEMP (°C)	25.3				Well Dewatered 1 Casing
pH	7.36				+ 3 gls.
CONDUCTIVITY	775				
TURBIDITY	64.4			4.69	
Dissolved Oxygen					
Oxy.Reduct. Potent.					
GALS. REMOVED	5.42	3.0			**Total Gallons Purged** 8.0

DO Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

REDOX Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

Did Well Dewater? Yes Water Storage/Disposal Method Bulk Tank No. of Drums Used_____

WELL SAMPLING:

Sampling Time 13:00 Recharge Level 7.15

Laboratory: Accultest

Analyses Requested: TPH-G_____ BTEX_____ MTBE_____ Oxygenates_____ Other Lab 54

Trip Blank ID_____ Duplicate ID_____ Equipment Blank ID_____

WELL INSPECTION:

Well Cap Secured yes Well Cap Locked yes Traffic Cover Secured yes

Well Box Cleaned and Free of Water yes

Repair/Replacement Performed 0

Repair/Replacement Needed 0

FieldMaster
revised 08/23/06

WAYNE PERRY, INC.
WELL PURGING, SAMPLING AND INSPECTION FORM

Job Number: 11.236

Station No._____ Location: 20001 Brookhurst St.Huntington Beach

Client Name: Shell Oil Products

Sampled By: Jorge G.

Well ID: MW-5A **Well Diameter:** 2" **Depth-to Water:** 8.32

Gauging Date: 9/4/12 **Purging Method:** Bailer **Depth-to-Bottom:** 14.32

Purging Date: L **Sampling Method:** Disp. Bailer **Water Column (ft):** 6.00

Sampling Date: L

WELL PURGING:

Calculate volume of water to purge:

0.96 gals x 3 = 2.88 gals

(1 casing volume) (no. of volumes to purge) (total volume to purge)

Multipliers for converting length of water column (feet) to gallons:

Well Diameter	Multiplier	Well Diameter	Multiplier	Well Diameter	Multiplier
1 inch	0.04	3 inch	0.37	6 inch	1.47
2 inch	0.16	4 inch	0.65		
1.5 inch	0.09			other radius (squared) x 0.163	

Purge Start Time: 11:17 **Water Qual. Instrument Used:** OAKTON SN#1436GG

	1	2	3		COMMENTS
TIME	11:18	11:19			Dark water
TEMP (°C)	25.7	25.7			well Dewatered 2 casing
pH	7.13	7.12			
CONDUCTIVITY	736	724			
TURBIDITY	25.1	36.2		7.93	
Dissolved Oxygen					
Oxy.Reduct. Potent.					
GALS. REMOVED	1.0	1.0			**Total Gallons Purged** 2.0

DO Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

REDOX Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

Did Well Dewater? yes Water Storage/Disposal Method Bulk Tank No. of Drums Used_____

WELL SAMPLING:

Sampling Time 13:06 Recharge Level 8.35

Laboratory: Accutest

Analyses Requested: TPH-G_____ BTEX_____ MTBE_____ Oxygenates_____ Other Lab 54

Trip Blank ID_____ Duplicate ID_____ Equipment Blank ID_____

WELL INSPECTION:

Well Cap Secured yes Well Cap Locked yes Traffic Cover Secured yes

Well Box Cleaned and Free of Water yes

Repair/Replacement Performed 0

Repair/Replacement Needed 0

FieldMaster
revised 08/23/06

WAYNE PERRY, INC.
WELL PURGING, SAMPLING AND INSPECTION FORM

Job Number: 11.236

Station No._____ Location: 20001 Brookhurst St.Huntington Beach

Client Name: Shell Oil Products

Sampled By: Jorge G.

Well ID: MW-5B **Well Diameter:** 2" **Depth-to Water:** 10.32

Gauging Date: 9/11/12 **Purging Method:** Bailer **Depth-to-Bottom:** 24.43

Purging Date: L **Sampling Method:** disp. Bailer **Water Column (ft):** 14.11

Sampling Date: L

WELL PURGING:

Calculate volume of water to purge:

2.25 gals x 3 = 6.77 gals

(1 casing volume) (no. of volumes to purge) (total volume to purge)

Multipliers for converting length of water column (feet) to gallons:

Well Diameter	Multiplier	Well Diameter	Multiplier	Well Diameter	Multiplier
1 inch	0.04	3 inch	0.37	6 inch	1.47
2 inch	0.16	4 inch	0.65		
1.5 inch	0.09			other radius (squared) x 0.163	

Purge Start Time: 11:23 **Water Qual. Instrument Used:** OAKTON S#143669

	1	2	3		COMMENTS
TIME	11:25	11:26			Grey water
TEMP (°C)	24.4				well dewatered / casing
pH	7.43				+ lgl
CONDUCTIVITY	757				
TURBIDITY	355			9.22	
Dissolved Oxygen					
Oxy.Reduct. Potent.					
GALS. REMOVED	2.25	1.0			Total Gallons Purged 3.0

DO Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

REDOX Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

Did Well Dewater? yes Water Storage/Disposal Method Bulk Tank No. of Drums Used_____

WELL SAMPLING:

Sampling Time 13:11 Recharge Level 10.35

Laboratory: Accutest

Analyses Requested: TPH-G_____ BTEX_____ MTBE_____ Oxygenates_____ Other Lab 54

Trip Blank ID_____ Duplicate ID_____ Equipment Blank ID_____

WELL INSPECTION:

Well Cap Secured yes Well Cap Locked yes Traffic Cover Secured yes

Well Box Cleaned and Free of Water yes

Repair/Replacement Performed 0

Repair/Replacement Needed 0

FieldMaster
revised 08/23/06

WAYNE PERRY, INC.
WELL PURGING, SAMPLING AND INSPECTION FORM

Job Number: 11.236

Station No._____ Location: 20001 Brookhurst St.Huntington Beach

Client Name: Shell Oil Products

Sampled By: Jay C.

Well ID: MW-5C **Well Diameter:** 2" **Depth-to Water:** 8.05

Gauging Date: 9/11/12 **Purging Method:** Bailer **Depth-to-Bottom:** 32.64

Purging Date: 1 **Sampling Method:** disp. Bailer **Water Column (ft):** 24.59

Sampling Date: 1

WELL PURGING:

Calculate volume of water to purge:

3.93 gals x 3 = 11.80 gals

(1 casing volume) (no. of volumes to purge) (total volume to purge)

Multipliers for converting length of water column (feet) to gallons:

Well Diameter	Multiplier	Well Diameter	Multiplier	Well Diameter	Multiplier
1 inch	0.04	3 inch	0.37	6 inch	1.47
2 inch	0.16	4 inch	0.65		
1.5 inch	0.09			other radius (squared) x 0.163	

Purge Start Time: 11:29 **Water Qual. Instrument Used:** OAKTON S#143669

	1	2	3		COMMENTS
TIME	11:32	11:35	11:38		Grey Water
TEMP (°C)	24.4	23.8	23.8		
pH	7.72	7.43	7.42		
CONDUCTIVITY	505	415	413		
TURBIDITY	29.1	56.8	62.7	10.6	
Dissolved Oxygen					
Oxy.Reduct. Potent.					
GALS. REMOVED	4.0	4.0	4.0		**Total Gallons Purged** 12.0

DO Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

REDOX Pre-Purge Time_____ Reading_____ Post-Recharge Time_____ Reading_____

Did Well Dewater? NO Water Storage/Disposal Method Bulk Tank No. of Drums Used_____

WELL SAMPLING:

Sampling Time 13:16 Recharge Level 8.04

Laboratory: Accutest

Analyses Requested: TPH-G____ BTEX____ MTBE____ Oxygenates____ Other Lab 54

Trip Blank ID_____ Duplicate ID_____ Equipment Blank ID_____

WELL INSPECTION:

Well Cap Secured Yes Well Cap Locked Yes Traffic Cover Secured yes

Well Box Cleaned and Free of Water yes

Repair/Replacement Performed 0

Repair/Replacement Needed 0

FieldMaster
revised 08/23/06

WAYNE PERRY, INC - Chain of Custody for Shell Oil Products

LAB (LOCATION)
- ☐ CALSCIENCE (_____)
- ☒ ACCUTEST (_____)
- ☐ XENCO (_____)
- ☐ TEST AMERICA (_____)
- ☐ OTHER (_____)

Please Check Appropriate Box:
- ☒ ENV. SERVICES
- ☐ MOTIVA RETAIL
- ☐ SHELL RETAIL
- ☐ MOTIVA SD&CM
- ☐ CONSULTANT
- ☐ LUBES
- ☐ SHELL PIPELINE
- ☐ OTHER _____

Print Bill To:
WAYNE PERRY, INC.
8281 Commonwealth Ave
Buena Park, CA 90621

DATE: 9/11/12
PAGE: 1 of 3

SAMPLING COMPANY: Wayne Perry ,Inc
LOG CODE: WPBP
ADDRESS: 8281 Commonwealth Ave, Buena Park 90621
SAMPLING COMPANY PROJECT CONTACT (PDF Report to): For questions contact Mario Milanes
TELEPHONE: (714) 826-0352
FAX: (714) 523-7880
E-MAIL: MMilanes@WPInc.com

SITE ADDRESS: Street and City: 20001 Brokhurst St. Huntington Beach
State: CA
GLOBAL ID NO.: T0605900535
EDF DELIVERABLE TO (Name, Company Office Location): Elisabeth Ortega
PHONE NO.: (714) 826-0352
E-MAIL: EOrtega@WPInc.com
CONSULTANT PROJECT NO.: 11.236
SAMPLER NAME(S) (Print): Jorge Gonzalez
LAB USE ONLY

TURNAROUND TIME (CALENDAR DAYS):
☒ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES :
EDF and EDD for GWM site

- ☑ SHELL CONTRACT RATE APPLIES
- ☐ STATE REIMBURSEMENT RATE APPLIES
- ☐ EDD NOT NEEDED
- ☐ RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	LAB 100 TPH-Diesel 8015M	LAB 54TPH-G/BTE/oxygenates/Ethanol 8260B	TPPH/Full scan/oxygenates/ethanol by 8260B	TPPH / BTEX/ oxigenates by 8260B	TPPH/full scan / oxigenates by 8260B	Methane (RSK-175)	Ethanol (8015)	Sulfate / Nitrate	Total Lead	Alkalinity (SM2320B)	Ferrous Iron	Container PID Readings or Laboratory Notes
	VEW-2	9/11/12	11:44	W	X					3		X										
	MW-3	9/11/12	11:53	W	X					3		X										
	B-5Rd	9/11/12	11:57	W	X					3		X										
	B-10	9/11/12	12:02	W	X					3		X										
	VEW-4	9/11/12	12:07	W	X					3		X										
	VEW-5	9/11/12	12:14	W	X					3		X										
	MW-1	9/11/12	12:21	W	X					3		X										
	B-2Rd	9/11/12	12:26	W	X					3		X										
	B-4Rd	9/11/12	12:33	W	X					3		X										
	B-9	9/11/12	12:40	W	X					3		X										

TEMPERATURE ON RECEIPT C°

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
[signature]	[signature]	9-11-12	15:20
[signature]	[signature]	9-12-12	1200

05/2/06 Revision

IRVINE

WAYNE PERRY, INC - Chain of Custody for Shell Oil Products

LAB (LOCATION)
- ☐ CALSCIENCE (_____)
- ☒ ACCUTEST (_____)
- ☐ XENCO (_____)
- ☐ TEST AMERICA (_____)
- ☐ OTHER (_____)

Please Check Appropriate Box:
- ☒ ENV. SERVICES
- ☐ MOTIVA RETAIL
- ☐ SHELL RETAIL
- ☐ MOTIVA SD&CM
- ☐ CONSULTANT
- ☐ LUBES
- ☐ SHELL PIPELINE
- ☐ OTHER _____

Print Bill To:
WAYNE PERRY, INC.
8281 Commonwealth Ave
Buena Park, CA 90621

DATE: 9/11/12
PAGE: 2 of 3

SAMPLING COMPANY: Wayne Perry ,Inc	LOG CODE: WPBP
ADDRESS: 8281 Commonwealth Ave, Buena Park 90621	
SAMPLING COMPANY PROJECT CONTACT (PDF Report to): For questions contact Mario Milanes	
TELEPHONE: (714) 826-0352	FAX: (714) 523-7880
E-MAIL: MMilanes@WPInc.com	
SITE ADDRESS: Street and City: 20001 Brokhurst St. Huntington Beach	State: CA
GLOBAL ID NO.: T0605900535	
EDF DELIVERABLE TO (Name, Company, Office Location): Elisabeth Ortega	PHONE NO.: (714) 826-0352
E-MAIL: EOrtega@WPInc.com	CONSULTANT PROJECT NO.: 11.236
SAMPLER NAME(S) (Print): Jorge Gonzalez	LAB USE ONLY

TURNAROUND TIME (CALENDAR DAYS): ☒ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES :

EDF and EDD for GWM site

- ☑ SHELL CONTRACT RATE APPLIES
- ☐ STATE REIMBURSEMENT RATE APPLIES
- ☐ EDD NOT NEEDED
- ☐ RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	LAB 100 TPH-Diesel 8015M	LAB 54TPH-G/BTE/oxygenates/Ethanol 8260B	TPPH/Full scan/oxygenates/ethanol by 8260B	TPPH / BTEX/ oxigenates by 8260B	TPPH/full scan / oxigenates by 8260B	Methane (RSK-175)	Ethanol (8015)	Sulfate / Nitrate	Total Lead	Alkalinity (SM2320B)	Ferrous Iron	TEMPERATURE ON RECEIPT C° / Container PID Readings or Laboratory Notes
	B-3Rd	9/11/12	12:48	W	X					3		X										
	DPE-5	9/11/12	12:53	W	X					3		X										
	DPE-2	9/11/12	13:00	W	X					3		X										
	MW-5A	9/11/12	13:06	W	X					3		X										
	MW-5B	9/11/12	13:11	W	X					3		X										
	MW-5C	9/11/12	13:16	W	X					3		X										

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
[signature]	[signature]	9-11-12	15:20
[signature]	[signature]	9-12-12	1200

05/2/06 Revision

IRVINE

WAYNE PERRY, INC - Chain of Custody for Shell Oil Products

LAB (LOCATION)
- ☐ CALSCIENCE ( )
- ☒ ACCUTEST ( )
- ☐ XENCO ( )
- ☐ TEST AMERICA ( )
- ☐ OTHER ( )

Please Check Appropriate Box:
- ☑ ENV. SERVICES
- ☐ MOTIVA RETAIL
- ☐ SHELL RETAIL
- ☐ MOTIVA SD&CM
- ☐ CONSULTANT
- ☐ LUBES
- ☐ SHELL PIPELINE
- ☐ OTHER

Print Bill To:
WAYNE PERRY, INC.
8281 Commonwealth Ave
Buena Park, CA 90621

DATE: 9-11-12
PAGE: 3 of 3

SAMPLING COMPANY: Wayne Perry ,Inc
LOG CODE: WPBP
SITE ADDRESS: Street and City: 20001 Brokhurst St. Huntington Beach
State: CA
GLOBAL ID NO.: T0605900535
ADDRESS: 8281 Commonwealth Ave, Buena Park 90621
EDF DELIVERABLE TO (Name, Company, Office Location): Elisabeth Ortega
PHONE NO.: (714) 826-0352
E-MAIL: EOrtega@WPInc.com
CONSULTANT PROJECT NO.: 11.236
SAMPLING COMPANY PROJECT CONTACT (PDF Report to): For questions contact Mario Milanes
TELEPHONE: (714) 826-0352
FAX: (714) 523-7880
E-MAIL: MMilanes@WPInc.com
SAMPLER NAME(S) (Print): Jose Contrera
LAB USE ONLY

TURNAROUND TIME (CALENDAR DAYS):
- ☑ STANDARD (14 DAY)
- ☐ 5 DAYS
- ☐ 3 DAYS
- ☐ 2 DAYS
- ☐ 24 HOURS
- ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES :

EDF and EDD for GWM site

- ☑ SHELL CONTRACT RATE APPLIES
- ☐ STATE REIMBURSEMENT RATE APPLIES
- ☐ EDD NOT NEEDED
- ☐ RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	LAB 100 TPH-Diesel 8015M	LAB 54TPH-G/BTE/oxygenates/Ethanol 8260B	TPPH/Full scan/oxygenates/ethanol by 8260B	TPPH / BTEX/ oxigenates by 8260B	TPPH/full scan / oxigenates by 8260B	Methane (RSK-175)	Ethanol (8015)	Sulfate / Nitrate	Total Lead	Alkalinity (SM2320B)	Ferrous Iron	TEMPERATURE ON RECEIPT C° / Container PID Readings or Laboratory Notes
	MW-2	9/11/12	09:52	W	X					3		X										
	B-8		10:50		X					3		X										
	B-12		13:00		X					3		X										
	B-11		13:05		X					3		X										
	B-13		13:10		X					3		X										
	MW-4A		13:15		X					3		X										
	MW-4B		13:20		X					3		X										
	MW-4C		13:25		X					3		X										

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
[signature]	[signature]	9-11-12	15:20
[signature]	[signature]	9-12-12	1200

05/2/06 Revision

IRVINE

Northern California
ACCUTEST
LABORATORIES

07/19/12

Technical Report for

Shell Oil Products

WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA

11.236

Accutest Job Number: C22599

Sampling Date: 07/06/12

Report to:

Wayne Perry, Inc.
8281 Commonwealth Ave
Buena Park, CA 90621
Sjewell@wpinc.com; eortega@wpinc.com

ATTN: Shannon Jewell

Total number of pages in report: **38**

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Kesavalu M. Bagawandoss, Ph.D., J.D., Lab Director

Client Service contact: Vincent Vancil 408-588-0200

Certifications: CA (08258CA) AZ (AZ0762) DoD/ISO/IEC 17025:2005 (L2242)

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Test results relate only to samples analyzed.

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Accutest Laboratories

Sample Summary

Shell Oil Products

Job No: C22599

WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA
Project No: 11.236

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
C22599-1	07/06/12	08:25 LK	07/07/12	AQ	Ground Water	MW-5A
C22599-2	07/06/12	08:40 LK	07/07/12	AQ	Ground Water	MW-5B
C22599-3	07/06/12	08:45 LK	07/07/12	AQ	Ground Water	MW-5C
C22599-4	07/06/12	10:15 LK	07/07/12	AQ	Ground Water	MW-4C
C22599-5	07/06/12	10:24 LK	07/07/12	AQ	Ground Water	MW-4B
C22599-6	07/06/12	10:29 LK	07/07/12	AQ	Ground Water	MW-4A

Summary of Hits

2

Job Number: C22599
Account: Shell Oil Products
Project: WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA
Collected: 07/06/12

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
C22599-1	**MW-5A**					
Benzene		2250	100	20	ug/l	SW846 8260B
Ethylbenzene		1040	100	20	ug/l	SW846 8260B
Isopropylbenzene		74.5 J	100	20	ug/l	SW846 8260B
Naphthalene		353 J	500	50	ug/l	SW846 8260B
n-Propylbenzene		191 J	200	20	ug/l	SW846 8260B
1,2,4-Trimethylbenzene		1240	200	20	ug/l	SW846 8260B
1,3,5-Trimethylbenzene		316	200	20	ug/l	SW846 8260B
Toluene		6320	100	20	ug/l	SW846 8260B
Xylene (total)		6450	200	46	ug/l	SW846 8260B
TPH-GRO (C6-C10)		42100	5000	2500	ug/l	SW846 8260B
C22599-2	**MW-5B**					
Benzene		181	20	4.0	ug/l	SW846 8260B
n-Butylbenzene		27.4 J	40	4.0	ug/l	SW846 8260B
sec-Butylbenzene		6.4 J	40	4.0	ug/l	SW846 8260B
Ethylbenzene		609	20	4.0	ug/l	SW846 8260B
Isopropylbenzene		35.9	20	4.0	ug/l	SW846 8260B
Methyl Tert Butyl Ether		7.4 J	20	4.0	ug/l	SW846 8260B
Naphthalene		141	100	10	ug/l	SW846 8260B
n-Propylbenzene		115	40	4.0	ug/l	SW846 8260B
Tert-Butyl Alcohol		272	200	48	ug/l	SW846 8260B
1,2,4-Trimethylbenzene		813	40	4.0	ug/l	SW846 8260B
1,3,5-Trimethylbenzene		211	40	4.0	ug/l	SW846 8260B
Toluene		1110	20	4.0	ug/l	SW846 8260B
Xylene (total)		3040	40	9.2	ug/l	SW846 8260B
TPH-GRO (C6-C10)		14200	1000	500	ug/l	SW846 8260B
C22599-3	**MW-5C**					
Benzene [a]		0.21 J	1.0	0.20	ug/l	SW846 8260B
Ethylbenzene [a]		0.52 J	1.0	0.20	ug/l	SW846 8260B
Methyl Tert Butyl Ether [a]		1.3	1.0	0.20	ug/l	SW846 8260B
Tert-Butyl Alcohol [a]		5.9 J	10	2.4	ug/l	SW846 8260B
1,2,4-Trimethylbenzene [a]		1.3 J	2.0	0.20	ug/l	SW846 8260B
1,3,5-Trimethylbenzene [a]		0.35 J	2.0	0.20	ug/l	SW846 8260B
Toluene [a]		0.72 J	1.0	0.20	ug/l	SW846 8260B
Xylene (total) [a]		2.7	2.0	0.46	ug/l	SW846 8260B
TPH-GRO (C6-C10) [a]		28.3 J	50	25	ug/l	SW846 8260B
C22599-4	**MW-4C**					

No hits reported in this sample.

2

Summary of Hits

Job Number: C22599
Account: Shell Oil Products
Project: WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA
Collected: 07/06/12

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
C22599-5	**MW-4B**					
Benzene		1.4 J	2.0	0.40	ug/l	SW846 8260B
Di-Isopropyl ether		4.5	4.0	0.44	ug/l	SW846 8260B
Methyl Tert Butyl Ether		6.1	2.0	0.40	ug/l	SW846 8260B
Tert-Butyl Alcohol		606	20	4.8	ug/l	SW846 8260B
C22599-6	**MW-4A**					
Benzene		72.8	2.0	0.40	ug/l	SW846 8260B
n-Butylbenzene		6.6	4.0	0.40	ug/l	SW846 8260B
sec-Butylbenzene		4.8	4.0	0.40	ug/l	SW846 8260B
Di-Isopropyl ether		14.1	4.0	0.44	ug/l	SW846 8260B
Ethylbenzene		35.4	2.0	0.40	ug/l	SW846 8260B
Isopropylbenzene		35.3	2.0	0.40	ug/l	SW846 8260B
Methyl Tert Butyl Ether		10.5	2.0	0.40	ug/l	SW846 8260B
Naphthalene		123	10	1.0	ug/l	SW846 8260B
n-Propylbenzene		79.3	4.0	0.40	ug/l	SW846 8260B
Tert-Butyl Alcohol		31.5	20	4.8	ug/l	SW846 8260B
1,2,4-Trimethylbenzene		1.0 J	4.0	0.40	ug/l	SW846 8260B
Toluene		1.1 J	2.0	0.40	ug/l	SW846 8260B
Xylene (total)		3.5 J	4.0	0.92	ug/l	SW846 8260B
TPH-GRO (C6-C10)		1080	100	50	ug/l	SW846 8260B

(a) Sample vial contained more than 0.5cm of sediment.

Northern California
ACCUTEST
LABORATORIES

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	MW-5A		
Lab Sample ID:	C22599-1	Date Sampled:	07/06/12
Matrix:	AQ - Ground Water	Date Received:	07/07/12
Method:	SW846 8260B	Percent Solids:	n/a
Project:	WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W31872.D	100	07/10/12	KN	n/a	n/a	VW1102
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	2000	400	ug/l	
71-43-2	Benzene	2250	100	20	ug/l	
108-86-1	Bromobenzene	ND	100	20	ug/l	
74-97-5	Bromochloromethane	ND	100	20	ug/l	
75-27-4	Bromodichloromethane	ND	100	20	ug/l	
75-25-2	Bromoform	ND	100	22	ug/l	
104-51-8	n-Butylbenzene	ND	200	20	ug/l	
135-98-8	sec-Butylbenzene	ND	200	20	ug/l	
98-06-6	tert-Butylbenzene	ND	200	28	ug/l	
108-90-7	Chlorobenzene	ND	100	20	ug/l	
75-00-3	Chloroethane	ND	100	20	ug/l	
67-66-3	Chloroform	ND	100	20	ug/l	
95-49-8	o-Chlorotoluene	ND	200	20	ug/l	
106-43-4	p-Chlorotoluene	ND	200	26	ug/l	
56-23-5	Carbon tetrachloride	ND	100	20	ug/l	
75-34-3	1,1-Dichloroethane	ND	100	20	ug/l	
75-35-4	1,1-Dichloroethylene	ND	100	20	ug/l	
563-58-6	1,1-Dichloropropene	ND	100	20	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	200	40	ug/l	
106-93-4	1,2-Dibromoethane	ND	100	20	ug/l	
107-06-2	1,2-Dichloroethane	ND	100	20	ug/l	
78-87-5	1,2-Dichloropropane	ND	100	20	ug/l	
142-28-9	1,3-Dichloropropane	ND	100	20	ug/l	
108-20-3	Di-Isopropyl ether	ND	200	22	ug/l	
594-20-7	2,2-Dichloropropane	ND	100	20	ug/l	
124-48-1	Dibromochloromethane	ND	100	20	ug/l	
75-71-8	Dichlorodifluoromethane [a]	ND	100	20	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	100	20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	100	20	ug/l	
541-73-1	m-Dichlorobenzene	ND	100	20	ug/l	
95-50-1	o-Dichlorobenzene	ND	100	20	ug/l	
106-46-7	p-Dichlorobenzene	ND	100	20	ug/l	

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-5A		
Lab Sample ID:	C22599-1	Date Sampled:	07/06/12
Matrix:	AQ - Ground Water	Date Received:	07/07/12
Method:	SW846 8260B	Percent Solids:	n/a
Project:	WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
156-60-5	trans-1,2-Dichloroethylene	ND	100	20	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	100	30	ug/l	
100-41-4	Ethylbenzene	1040	100	20	ug/l	
64-17-5	Ethyl Alcohol [a]	ND	10000	2100	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	200	22	ug/l	
591-78-6	2-Hexanone	ND	1000	200	ug/l	
87-68-3	Hexachlorobutadiene	ND	200	20	ug/l	
98-82-8	Isopropylbenzene	74.5	100	20	ug/l	J
99-87-6	p-Isopropyltoluene	ND	200	20	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	1000	100	ug/l	
74-83-9	Methyl bromide	ND	200	20	ug/l	
74-87-3	Methyl chloride	ND	100	20	ug/l	
74-95-3	Methylene bromide	ND	100	20	ug/l	
75-09-2	Methylene chloride	ND	1000	200	ug/l	
78-93-3	Methyl ethyl ketone	ND	1000	200	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	100	20	ug/l	
91-20-3	Naphthalene	353	500	50	ug/l	J
103-65-1	n-Propylbenzene	191	200	20	ug/l	J
100-42-5	Styrene	ND	100	20	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	200	40	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	1000	240	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	100	30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	100	20	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	100	20	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	100	22	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	200	20	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	200	20	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	200	20	ug/l	
95-63-6	1,2,4-Trimethylbenzene	1240	200	20	ug/l	
108-67-8	1,3,5-Trimethylbenzene	316	200	20	ug/l	
127-18-4	Tetrachloroethylene	ND	100	30	ug/l	
108-88-3	Toluene	6320	100	20	ug/l	
79-01-6	Trichloroethylene	ND	100	20	ug/l	
75-69-4	Trichlorofluoromethane	ND	100	20	ug/l	
75-01-4	Vinyl chloride	ND	100	20	ug/l	
1330-20-7	Xylene (total)	6450	200	46	ug/l	
	TPH-GRO (C6-C10)	42100	5000	2500	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-5A		
Lab Sample ID:	C22599-1	**Date Sampled:**	07/06/12
Matrix:	AQ - Ground Water	**Date Received:**	07/07/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		60-130%
2037-26-5	Toluene-D8	98%		60-130%
460-00-4	4-Bromofluorobenzene	100%		60-130%

(a) CCV outside of control limits (biased high); not detected in sample.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-5B		
Lab Sample ID:	C22599-2	**Date Sampled:**	07/06/12
Matrix:	AQ - Ground Water	**Date Received:**	07/07/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W31873.D	20	07/10/12	KN	n/a	n/a	VW1102
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	400	80	ug/l	
71-43-2	Benzene	181	20	4.0	ug/l	
108-86-1	Bromobenzene	ND	20	4.0	ug/l	
74-97-5	Bromochloromethane	ND	20	4.0	ug/l	
75-27-4	Bromodichloromethane	ND	20	4.0	ug/l	
75-25-2	Bromoform	ND	20	4.4	ug/l	
104-51-8	n-Butylbenzene	27.4	40	4.0	ug/l	J
135-98-8	sec-Butylbenzene	6.4	40	4.0	ug/l	J
98-06-6	tert-Butylbenzene	ND	40	5.6	ug/l	
108-90-7	Chlorobenzene	ND	20	4.0	ug/l	
75-00-3	Chloroethane	ND	20	4.0	ug/l	
67-66-3	Chloroform	ND	20	4.0	ug/l	
95-49-8	o-Chlorotoluene	ND	40	4.0	ug/l	
106-43-4	p-Chlorotoluene	ND	40	5.2	ug/l	
56-23-5	Carbon tetrachloride	ND	20	4.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	20	4.0	ug/l	
75-35-4	1,1-Dichloroethylene	ND	20	4.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	20	4.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	40	8.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	20	4.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	20	4.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	20	4.0	ug/l	
142-28-9	1,3-Dichloropropane	ND	20	4.0	ug/l	
108-20-3	Di-Isopropyl ether	ND	40	4.4	ug/l	
594-20-7	2,2-Dichloropropane	ND	20	4.0	ug/l	
124-48-1	Dibromochloromethane	ND	20	4.0	ug/l	
75-71-8	Dichlorodifluoromethane [a]	ND	20	4.0	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	20	4.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	20	4.0	ug/l	
541-73-1	m-Dichlorobenzene	ND	20	4.0	ug/l	
95-50-1	o-Dichlorobenzene	ND	20	4.0	ug/l	
106-46-7	p-Dichlorobenzene	ND	20	4.0	ug/l	

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-5B		
Lab Sample ID:	C22599-2	Date Sampled:	07/06/12
Matrix:	AQ - Ground Water	Date Received:	07/07/12
Method:	SW846 8260B	Percent Solids:	n/a
Project:	WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
156-60-5	trans-1,2-Dichloroethylene	ND	20	4.0	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	20	6.0	ug/l	
100-41-4	Ethylbenzene	609	20	4.0	ug/l	
64-17-5	Ethyl Alcohol [a]	ND	2000	410	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	40	4.4	ug/l	
591-78-6	2-Hexanone	ND	200	40	ug/l	
87-68-3	Hexachlorobutadiene	ND	40	4.0	ug/l	
98-82-8	Isopropylbenzene	35.9	20	4.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	40	4.0	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	200	20	ug/l	
74-83-9	Methyl bromide	ND	40	4.0	ug/l	
74-87-3	Methyl chloride	ND	20	4.0	ug/l	
74-95-3	Methylene bromide	ND	20	4.0	ug/l	
75-09-2	Methylene chloride	ND	200	40	ug/l	
78-93-3	Methyl ethyl ketone	ND	200	40	ug/l	
1634-04-4	Methyl Tert Butyl Ether	7.4	20	4.0	ug/l	J
91-20-3	Naphthalene	141	100	10	ug/l	
103-65-1	n-Propylbenzene	115	40	4.0	ug/l	
100-42-5	Styrene	ND	20	4.0	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	40	8.0	ug/l	
75-65-0	Tert-Butyl Alcohol	272	200	48	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	20	6.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	20	4.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	20	4.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	20	4.4	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	40	4.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	40	4.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	40	4.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	813	40	4.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	211	40	4.0	ug/l	
127-18-4	Tetrachloroethylene	ND	20	6.0	ug/l	
108-88-3	Toluene	1110	20	4.0	ug/l	
79-01-6	Trichloroethylene	ND	20	4.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	20	4.0	ug/l	
75-01-4	Vinyl chloride	ND	20	4.0	ug/l	
1330-20-7	Xylene (total)	3040	40	9.2	ug/l	
	TPH-GRO (C6-C10)	14200	1000	500	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-5B		
Lab Sample ID:	C22599-2	**Date Sampled:**	07/06/12
Matrix:	AQ - Ground Water	**Date Received:**	07/07/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		60-130%
2037-26-5	Toluene-D8	99%		60-130%
460-00-4	4-Bromofluorobenzene	101%		60-130%

(a) CCV outside of control limits (biased high); not detected in sample.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

3.3

Client Sample ID:	MW-5C		
Lab Sample ID:	C22599-3	Date Sampled:	07/06/12
Matrix:	AQ - Ground Water	Date Received:	07/07/12
Method:	SW846 8260B	Percent Solids:	n/a
Project:	WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	W31874.D	1	07/10/12	KN	n/a	n/a	VW1102
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	20	4.0	ug/l	
71-43-2	Benzene	0.21	1.0	0.20	ug/l	J
108-86-1	Bromobenzene	ND	1.0	0.20	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.20	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.20	ug/l	
75-25-2	Bromoform	ND	1.0	0.22	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.20	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	1.0	0.20	ug/l	
67-66-3	Chloroform	ND	1.0	0.20	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.20	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.26	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.20	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.20	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.20	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.20	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.40	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.20	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.20	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.20	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.22	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.20	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane [b]	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.20	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.20	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.20	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.20	ug/l	

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-5C		
Lab Sample ID:	C22599-3	Date Sampled:	07/06/12
Matrix:	AQ - Ground Water	Date Received:	07/07/12
Method:	SW846 8260B	Percent Solids:	n/a
Project:	WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.20	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.52	1.0	0.20	ug/l	J
64-17-5	Ethyl Alcohol [b]	ND	100	21	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.22	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.20	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.20	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	10	1.0	ug/l	
74-83-9	Methyl bromide	ND	2.0	0.20	ug/l	
74-87-3	Methyl chloride	ND	1.0	0.20	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.20	ug/l	
75-09-2	Methylene chloride	ND	10	2.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	10	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	1.3	1.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	0.50	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.20	ug/l	
100-42-5	Styrene	ND	1.0	0.20	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.40	ug/l	
75-65-0	Tert-Butyl Alcohol	5.9	10	2.4	ug/l	J
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.20	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.22	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.20	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.20	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.20	ug/l	
95-63-6	1,2,4-Trimethylbenzene	1.3	2.0	0.20	ug/l	J
108-67-8	1,3,5-Trimethylbenzene	0.35	2.0	0.20	ug/l	J
127-18-4	Tetrachloroethylene	ND	1.0	0.30	ug/l	
108-88-3	Toluene	0.72	1.0	0.20	ug/l	J
79-01-6	Trichloroethylene	ND	1.0	0.20	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	0.20	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	2.7	2.0	0.46	ug/l	
	TPH-GRO (C6-C10)	28.3	50	25	ug/l	J

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-5C		
Lab Sample ID:	C22599-3	**Date Sampled:**	07/06/12
Matrix:	AQ - Ground Water	**Date Received:**	07/07/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		60-130%
2037-26-5	Toluene-D8	98%		60-130%
460-00-4	4-Bromofluorobenzene	100%		60-130%

(a) Sample vial contained more than 0.5cm of sediment.
(b) CCV outside of control limits (biased high); not detected in sample.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-4C		
Lab Sample ID:	C22599-4	Date Sampled:	07/06/12
Matrix:	AQ - Ground Water	Date Received:	07/07/12
Method:	SW846 8260B	Percent Solids:	n/a
Project:	WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W31875.D	1	07/10/12	KN	n/a	n/a	VW1102
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	20	4.0	ug/l	
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.20	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.20	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.20	ug/l	
75-25-2	Bromoform	ND	1.0	0.22	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.20	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	1.0	0.20	ug/l	
67-66-3	Chloroform	ND	1.0	0.20	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.20	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.26	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.20	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.20	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.20	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.20	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.40	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.20	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.20	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.20	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.22	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.20	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane [a]	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.20	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.20	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.20	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.20	ug/l	

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-4C		
Lab Sample ID:	C22599-4	Date Sampled:	07/06/12
Matrix:	AQ - Ground Water	Date Received:	07/07/12
Method:	SW846 8260B	Percent Solids:	n/a
Project:	WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.20	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
64-17-5	Ethyl Alcohol [a]	ND	100	21	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.22	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.20	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.20	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	10	1.0	ug/l	
74-83-9	Methyl bromide	ND	2.0	0.20	ug/l	
74-87-3	Methyl chloride	ND	1.0	0.20	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.20	ug/l	
75-09-2	Methylene chloride	ND	10	2.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	10	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	0.50	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.20	ug/l	
100-42-5	Styrene	ND	1.0	0.20	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.40	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	10	2.4	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.20	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.22	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.20	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.20	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.20	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.20	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.20	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.30	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.20	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	0.20	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.46	ug/l	
	TPH-GRO (C6-C10)	ND	50	25	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-4C		
Lab Sample ID:	C22599-4	Date Sampled:	07/06/12
Matrix:	AQ - Ground Water	Date Received:	07/07/12
Method:	SW846 8260B	Percent Solids:	n/a
Project:	WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		60-130%
2037-26-5	Toluene-D8	98%		60-130%
460-00-4	4-Bromofluorobenzene	100%		60-130%

(a) CCV outside of control limits (biased high); not detected in sample.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-4B		
Lab Sample ID:	C22599-5	**Date Sampled:**	07/06/12
Matrix:	AQ - Ground Water	**Date Received:**	07/07/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W31876.D	2	07/10/12	KN	n/a	n/a	VW1102
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	40	8.0	ug/l	
71-43-2	Benzene	1.4	2.0	0.40	ug/l	J
108-86-1	Bromobenzene	ND	2.0	0.40	ug/l	
74-97-5	Bromochloromethane	ND	2.0	0.40	ug/l	
75-27-4	Bromodichloromethane	ND	2.0	0.40	ug/l	
75-25-2	Bromoform	ND	2.0	0.44	ug/l	
104-51-8	n-Butylbenzene	ND	4.0	0.40	ug/l	
135-98-8	sec-Butylbenzene	ND	4.0	0.40	ug/l	
98-06-6	tert-Butylbenzene	ND	4.0	0.56	ug/l	
108-90-7	Chlorobenzene	ND	2.0	0.40	ug/l	
75-00-3	Chloroethane	ND	2.0	0.40	ug/l	
67-66-3	Chloroform	ND	2.0	0.40	ug/l	
95-49-8	o-Chlorotoluene	ND	4.0	0.40	ug/l	
106-43-4	p-Chlorotoluene	ND	4.0	0.52	ug/l	
56-23-5	Carbon tetrachloride	ND	2.0	0.40	ug/l	
75-34-3	1,1-Dichloroethane	ND	2.0	0.40	ug/l	
75-35-4	1,1-Dichloroethylene	ND	2.0	0.40	ug/l	
563-58-6	1,1-Dichloropropene	ND	2.0	0.40	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	4.0	0.80	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.40	ug/l	
107-06-2	1,2-Dichloroethane	ND	2.0	0.40	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	0.40	ug/l	
142-28-9	1,3-Dichloropropane	ND	2.0	0.40	ug/l	
108-20-3	Di-Isopropyl ether	4.5	4.0	0.44	ug/l	
594-20-7	2,2-Dichloropropane	ND	2.0	0.40	ug/l	
124-48-1	Dibromochloromethane	ND	2.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane [a]	ND	2.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	2.0	0.40	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.40	ug/l	
541-73-1	m-Dichlorobenzene	ND	2.0	0.40	ug/l	
95-50-1	o-Dichlorobenzene	ND	2.0	0.40	ug/l	
106-46-7	p-Dichlorobenzene	ND	2.0	0.40	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-4B		
Lab Sample ID:	C22599-5	Date Sampled:	07/06/12
Matrix:	AQ - Ground Water	Date Received:	07/07/12
Method:	SW846 8260B	Percent Solids:	n/a
Project:	WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
156-60-5	trans-1,2-Dichloroethylene	ND	2.0	0.40	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.60	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.40	ug/l	
64-17-5	Ethyl Alcohol [a]	ND	200	41	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	4.0	0.44	ug/l	
591-78-6	2-Hexanone	ND	20	4.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	4.0	0.40	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.40	ug/l	
99-87-6	p-Isopropyltoluene	ND	4.0	0.40	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	20	2.0	ug/l	
74-83-9	Methyl bromide	ND	4.0	0.40	ug/l	
74-87-3	Methyl chloride	ND	2.0	0.40	ug/l	
74-95-3	Methylene bromide	ND	2.0	0.40	ug/l	
75-09-2	Methylene chloride	ND	20	4.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	20	4.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	6.1	2.0	0.40	ug/l	
91-20-3	Naphthalene	ND	10	1.0	ug/l	
103-65-1	n-Propylbenzene	ND	4.0	0.40	ug/l	
100-42-5	Styrene	ND	2.0	0.40	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	4.0	0.80	ug/l	
75-65-0	Tert-Butyl Alcohol	606	20	4.8	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.0	0.60	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.40	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.40	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.44	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	4.0	0.40	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	4.0	0.40	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	4.0	0.40	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	4.0	0.40	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	4.0	0.40	ug/l	
127-18-4	Tetrachloroethylene	ND	2.0	0.60	ug/l	
108-88-3	Toluene	ND	2.0	0.40	ug/l	
79-01-6	Trichloroethylene	ND	2.0	0.40	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.40	ug/l	
1330-20-7	Xylene (total)	ND	4.0	0.92	ug/l	
	TPH-GRO (C6-C10)	ND	100	50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-4B		
Lab Sample ID:	C22599-5	**Date Sampled:**	07/06/12
Matrix:	AQ - Ground Water	**Date Received:**	07/07/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		60-130%
2037-26-5	Toluene-D8	98%		60-130%
460-00-4	4-Bromofluorobenzene	100%		60-130%

(a) CCV outside of control limits (biased high); not detected in sample.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-4A		
Lab Sample ID:	C22599-6	Date Sampled:	07/06/12
Matrix:	AQ - Ground Water	Date Received:	07/07/12
Method:	SW846 8260B	Percent Solids:	n/a
Project:	WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W31877.D	2	07/10/12	KN	n/a	n/a	VW1102
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	40	8.0	ug/l	
71-43-2	Benzene	72.8	2.0	0.40	ug/l	
108-86-1	Bromobenzene	ND	2.0	0.40	ug/l	
74-97-5	Bromochloromethane	ND	2.0	0.40	ug/l	
75-27-4	Bromodichloromethane	ND	2.0	0.40	ug/l	
75-25-2	Bromoform	ND	2.0	0.44	ug/l	
104-51-8	n-Butylbenzene	6.6	4.0	0.40	ug/l	
135-98-8	sec-Butylbenzene	4.8	4.0	0.40	ug/l	
98-06-6	tert-Butylbenzene	ND	4.0	0.56	ug/l	
108-90-7	Chlorobenzene	ND	2.0	0.40	ug/l	
75-00-3	Chloroethane	ND	2.0	0.40	ug/l	
67-66-3	Chloroform	ND	2.0	0.40	ug/l	
95-49-8	o-Chlorotoluene	ND	4.0	0.40	ug/l	
106-43-4	p-Chlorotoluene	ND	4.0	0.52	ug/l	
56-23-5	Carbon tetrachloride	ND	2.0	0.40	ug/l	
75-34-3	1,1-Dichloroethane	ND	2.0	0.40	ug/l	
75-35-4	1,1-Dichloroethylene	ND	2.0	0.40	ug/l	
563-58-6	1,1-Dichloropropene	ND	2.0	0.40	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	4.0	0.80	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.40	ug/l	
107-06-2	1,2-Dichloroethane	ND	2.0	0.40	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	0.40	ug/l	
142-28-9	1,3-Dichloropropane	ND	2.0	0.40	ug/l	
108-20-3	Di-Isopropyl ether	14.1	4.0	0.44	ug/l	
594-20-7	2,2-Dichloropropane	ND	2.0	0.40	ug/l	
124-48-1	Dibromochloromethane	ND	2.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane [a]	ND	2.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	2.0	0.40	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.40	ug/l	
541-73-1	m-Dichlorobenzene	ND	2.0	0.40	ug/l	
95-50-1	o-Dichlorobenzene	ND	2.0	0.40	ug/l	
106-46-7	p-Dichlorobenzene	ND	2.0	0.40	ug/l	

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-4A		
Lab Sample ID:	C22599-6	Date Sampled:	07/06/12
Matrix:	AQ - Ground Water	Date Received:	07/07/12
Method:	SW846 8260B	Percent Solids:	n/a
Project:	WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
156-60-5	trans-1,2-Dichloroethylene	ND	2.0	0.40	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.60	ug/l	
100-41-4	Ethylbenzene	35.4	2.0	0.40	ug/l	
64-17-5	Ethyl Alcohol [a]	ND	200	41	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	4.0	0.44	ug/l	
591-78-6	2-Hexanone	ND	20	4.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	4.0	0.40	ug/l	
98-82-8	Isopropylbenzene	35.3	2.0	0.40	ug/l	
99-87-6	p-Isopropyltoluene	ND	4.0	0.40	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	20	2.0	ug/l	
74-83-9	Methyl bromide	ND	4.0	0.40	ug/l	
74-87-3	Methyl chloride	ND	2.0	0.40	ug/l	
74-95-3	Methylene bromide	ND	2.0	0.40	ug/l	
75-09-2	Methylene chloride	ND	20	4.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	20	4.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	10.5	2.0	0.40	ug/l	
91-20-3	Naphthalene	123	10	1.0	ug/l	
103-65-1	n-Propylbenzene	79.3	4.0	0.40	ug/l	
100-42-5	Styrene	ND	2.0	0.40	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	4.0	0.80	ug/l	
75-65-0	Tert-Butyl Alcohol	31.5	20	4.8	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.0	0.60	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.40	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.40	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.44	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	4.0	0.40	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	4.0	0.40	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	4.0	0.40	ug/l	
95-63-6	1,2,4-Trimethylbenzene	1.0	4.0	0.40	ug/l	J
108-67-8	1,3,5-Trimethylbenzene	ND	4.0	0.40	ug/l	
127-18-4	Tetrachloroethylene	ND	2.0	0.60	ug/l	
108-88-3	Toluene	1.1	2.0	0.40	ug/l	J
79-01-6	Trichloroethylene	ND	2.0	0.40	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.40	ug/l	
1330-20-7	Xylene (total)	3.5	4.0	0.92	ug/l	J
	TPH-GRO (C6-C10)	1080	100	50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-4A		
Lab Sample ID:	C22599-6	Date Sampled:	07/06/12
Matrix:	AQ - Ground Water	Date Received:	07/07/12
Method:	SW846 8260B	Percent Solids:	n/a
Project:	WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		60-130%
2037-26-5	Toluene-D8	99%		60-130%
460-00-4	4-Bromofluorobenzene	100%		60-130%

(a) CCV outside of control limits (biased high); not detected in sample.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Northern California ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

SHELLWIC3392

WAYNE PERRY, INC - Chain of Custody for Shell Oil Products

LAB (LOCATION)
- [ ] CALSCIENCE ( )
- [x] ACCUTEST ( )
- [ ] XENCO ( )
- [ ] TEST AMERICA ( )
- [ ] OTHER ( )

Please Check Appropriate Box:
- [x] ENV. SERVICES
- [ ] MOTIVA RETAIL
- [ ] SHELL RETAIL
- [ ] MOTIVA SD&CH
- [ ] CONSULTANT
- [ ] LUBES
- [ ] SHELL PIPELINE
- [ ] OTHER

Print Bill To:
WAYNE PERRY, INC.
8281 Commonwealth Ave
Buena Park, CA 90621

DATE: 7/6/12
PAGE: 1 of 1

SAMPLING COMPANY: Wayne Perry ,Inc
JOB CODE: WPBP
SITE ADDRESS: Street and City: 20001 Brookhurst St, Huntington Beach
State: CA
GLOBAL ID NO.: T060 5100535
ADDRESS: 8281 Commonwealth Ave, Buena Park 90621
FOR DELIVERABLE TO (Name, Company, Office Location): Elisabeth Ortega & Ashley Balsitis
PHONE NO.: (714) 826-0352
E-MAIL: EOrtega@WPInc.com ABalsitis@WPInc.com
CONSULTANT PROJECT NO.: 11-236
SAMPLING COMPANY PROJECT CONTACT (PCP Report to): For questions contact Mario Milanes
TELEPHONE: (714) 826-0352
FAX: (714) 523-7541
E-MAIL: MMilanes@WPInc.com
SAMPLER NAME(S)(PRINT): Lomell Kotch
FOR LAB USE ONLY: C22599

TURNAROUND TIME (CALENDAR DAYS):
- [x] STANDARD (14 DAY)
- [ ] 5 DAYS
- [ ] 3 DAYS
- [ ] 2 DAYS
- [ ] 24 HOURS
- [ ] RESULTS NEEDED ON WEEKEND

- [ ] LA - RWQCB REPORT FORMAT
- [ ] UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES :
EDF and EDD for GWM site

- [x] SHELL CONTRACT RATE APPLIES
- [ ] STATE REIMBURSEMENT RATE APPLIES
- [ ] EDD NOT NEEDED
- [ ] RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

TEMPERATURE ON RECEIPT C°: 3.2-1.0=2.2

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	LAB 100 TPH-Diesel 8015M	LAB 54 TPH-G / BTEX / 6 oxy 8260	TPH-Gas w/oxygenates&ethanol by 8260B	TPH-G / fuel scan / 6 oxy 8260	TPPH/full scan / oxigenates by 8260B	Methane (RSK-175)	Ethanol (8015)	Sulfate / Nitrate / Ferrous Iron	Total Lead	Alkalinity (SM2320B)	Carbon dioxide by SM4500	Container PID Readings or Laboratory Notes
-1	MW-5A	7/6/12	08:25	W	X					3			X									
-2	MW-5B	↓	08:40	↓	X					↓			X									
-3	MW-5C		08:45		X								X									
-4	MW-4C		10:15		X								X									
-5	MW-4B		10:24		X								X									
-6	MW-4A	↓	10:29	↓	X					↓			X									

Relinquished by (Signature)	Received by (Signature)	Date	Time
7/6/12		7-6-12	12:00
7-6-12 1430		7-6-12	1300
	Lee Barnett	7/7/12	0930

05/2/05 Revision

C22599: Chain of Custody
Page 1 of 2

ACCUTEST LABORATORIES
C22599

Accutest Laboratories Northern California Sample Receiving Check List Job#: C2 2599 Initial: LS

Review Chain of Custody Chain of Custody is to be complete and legible.

- Are these regulatory (NPDES) samples? CWA — Yes / No
- Is pH requested? — Yes / No
  - Was Client informed that hold time is 15 min? Yes / No Continue Yes / No
  - Was ortho-Phosphate filtered with in 15 min? Yes / No Continue Yes / No
- Are sample within hold time? — Yes / No
  - Are sample in danger of exceeding hold-time — Yes / No
- Existing Client? Yes / No Existing Project? Yes / No
  - If No: Is Report to info complete and legible, including:
    - deliverable Name Address phone e-mail
    - Is Bill to info complete and legible, including:
    - PO# Credit card Contact address phone e-mail
    - Is Contact and/or Project Manager identified, including:
    - phone e-mail
    - Project name / number
- Special requirements? — Yes / No
- Sample IDs / date & time of collection provided? — Yes / No
- Is Matrix listed and correct? — Yes / No
- Analyses listed, we do, or client has authorized a subcontract? — Yes / No
- Chain is signed and dated by both client and sample custodian? — Yes / No
- TAT requested available? Yes / No Approved by PM

Review Coolers:

- Were all Coolers temperatures measured at ≤6°C? — Yes / No
  - If cooler is outside the ≤6°C; note down the affected bottles in that cooler on the left
- Are samples on ice? — Yes / No
  - Note that ANC does NOT accept evidentiary samples. (We do not lock refrigerators)

- Shipment Received Method FEDEX
- Custody Seals: Present: Yes / No If Yes; Unbroken: Yes / No

Review of Sample Bottles: If you answer no, explain to the side

- Chain matches bottle labels? Yes / No
- Sample bottle intact? Yes / No
- Is there enough sample volume in proper bottle for requested analyses? Yes / No
- Proper Preservatives? Yes / No
  - Check pH on preserved samples except 1664, 625, 8270 and VOAs; make notes on left.
- Headspace-VOAs? Greater than 6mm in diameter — Yes / No
  - List sample ID and affected container

Client Sample ID	pH Check	Other Comments/Issues
1-6		3x40 mL VIAL /HCL

Non-Compliance issues and discrepancies on the COC are forwarded to Project Management

\\Accunca.accutest.com\depts\qa\sops\sop_completelist_2010\current_active_sop_oct_2010\sc001f1_0_form1_samplecontrol_samplereceivingchecklist_2009-01-01.doc

4.1 4

C22599: Chain of Custody
Page 2 of 2

Northern California
ACCUTEST
LABORATORIES

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: C22599
Account: SHELLWIC Shell Oil Products
Project: WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VW1102-MB	W31867.D	1	07/10/12	KN	n/a	n/a	VW1102

The QC reported here applies to the following samples: **Method:** SW846 8260B

C22599-1, C22599-2, C22599-3, C22599-4, C22599-5, C22599-6

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	20	4.0	ug/l	
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.20	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.20	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.20	ug/l	
75-25-2	Bromoform	ND	1.0	0.22	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.20	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	1.0	0.20	ug/l	
67-66-3	Chloroform	ND	1.0	0.20	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.20	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.26	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.20	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.20	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.20	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.20	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.40	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.20	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.20	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.20	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.22	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.20	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.20	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.20	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.20	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.20	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.20	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
64-17-5	Ethyl Alcohol	ND	100	21	ug/l	

Method Blank Summary

Job Number: C22599
Account: SHELLWIC Shell Oil Products
Project: WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VW1102-MB	W31867.D	1	07/10/12	KN	n/a	n/a	VW1102

The QC reported here applies to the following samples: **Method:** SW846 8260B

C22599-1, C22599-2, C22599-3, C22599-4, C22599-5, C22599-6

CAS No.	Compound	Result	RL	MDL	Units	Q
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.22	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.20	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.20	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	10	1.0	ug/l	
74-83-9	Methyl bromide	ND	2.0	0.20	ug/l	
74-87-3	Methyl chloride	ND	1.0	0.20	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.20	ug/l	
75-09-2	Methylene chloride	2.6	10	2.0	ug/l	J
78-93-3	Methyl ethyl ketone	ND	10	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	0.50	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.20	ug/l	
100-42-5	Styrene	ND	1.0	0.20	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.40	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	10	2.4	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.20	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.22	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.20	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.20	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.20	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.20	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.20	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.30	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.20	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	0.20	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.46	ug/l	
	TPH-GRO (C6-C10)	ND	50	25	ug/l	

Method Blank Summary

Job Number: C22599
Account: SHELLWIC Shell Oil Products
Project: WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VW1102-MB	W31867.D	1	07/10/12	KN	n/a	n/a	VW1102

5.1.1

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The QC reported here applies to the following samples: **Method:** SW846 8260B

C22599-1, C22599-2, C22599-3, C22599-4, C22599-5, C22599-6

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	95%	60-130%
2037-26-5	Toluene-D8	97%	60-130%
460-00-4	4-Bromofluorobenzene	98%	60-130%

Blank Spike/Blank Spike Duplicate Summary

Job Number: C22599
Account: SHELLWIC Shell Oil Products
Project: WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VW1102-BS	W31864.D	1	07/10/12	KN	n/a	n/a	VW1102
VW1102-BSD	W31865.D	1	07/10/12	KN	n/a	n/a	VW1102

The QC reported here applies to the following samples: Method: SW846 8260B

C22599-1, C22599-2, C22599-3, C22599-4, C22599-5, C22599-6

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	80	61.5	77	60.8	76	1	60-130/30
71-43-2	Benzene	20	18.0	90	17.7	89	2	60-130/30
108-86-1	Bromobenzene	20	18.6	93	18.3	92	2	60-130/30
74-97-5	Bromochloromethane	20	19.3	97	19.0	95	2	60-130/30
75-27-4	Bromodichloromethane	20	18.8	94	18.7	94	1	60-130/30
75-25-2	Bromoform	20	21.7	109	21.2	106	2	60-130/30
104-51-8	n-Butylbenzene	20	17.4	87	16.9	85	3	60-130/30
135-98-8	sec-Butylbenzene	20	17.5	88	17.1	86	2	60-130/30
98-06-6	tert-Butylbenzene	20	17.6	88	17.4	87	1	60-130/30
108-90-7	Chlorobenzene	20	18.2	91	18.0	90	1	60-130/30
75-00-3	Chloroethane	20	17.4	87	17.1	86	2	60-130/30
67-66-3	Chloroform	20	18.4	92	18.1	91	2	60-130/30
95-49-8	o-Chlorotoluene	20	18.4	92	17.9	90	3	60-130/30
106-43-4	p-Chlorotoluene	20	16.5	83	16.1	81	2	60-130/30
56-23-5	Carbon tetrachloride	20	19.1	96	18.7	94	2	60-130/30
75-34-3	1,1-Dichloroethane	20	17.1	86	16.9	85	1	60-130/30
75-35-4	1,1-Dichloroethylene	20	17.5	88	17.3	87	1	60-130/30
563-58-6	1,1-Dichloropropene	20	17.7	89	17.5	88	1	60-130/30
96-12-8	1,2-Dibromo-3-chloropropane	20	20.4	102	19.6	98	4	60-130/30
106-93-4	1,2-Dibromoethane	20	20.3	102	19.7	99	3	60-130/30
107-06-2	1,2-Dichloroethane	20	19.3	97	19.2	96	1	60-130/30
78-87-5	1,2-Dichloropropane	20	17.9	90	17.7	89	1	60-130/30
142-28-9	1,3-Dichloropropane	20	18.9	95	18.6	93	2	60-130/30
108-20-3	Di-Isopropyl ether	20	16.4	82	16.2	81	1	60-130/30
594-20-7	2,2-Dichloropropane	20	18.2	91	17.8	89	2	60-130/30
124-48-1	Dibromochloromethane	20	20.3	102	20.0	100	1	60-130/30
75-71-8	Dichlorodifluoromethane	20	21.2	106	19.9	100	6	60-130/30
156-59-2	cis-1,2-Dichloroethylene	20	17.9	90	17.7	89	1	60-130/30
10061-01-5	cis-1,3-Dichloropropene	20	19.9	100	19.8	99	1	60-130/30
541-73-1	m-Dichlorobenzene	20	18.1	91	17.7	89	2	60-130/30
95-50-1	o-Dichlorobenzene	20	18.4	92	18.1	91	2	60-130/30
106-46-7	p-Dichlorobenzene	20	18.2	91	17.9	90	2	60-130/30
156-60-5	trans-1,2-Dichloroethylene	20	18.3	92	17.9	90	2	60-130/30
10061-02-6	trans-1,3-Dichloropropene	20	18.4	92	18.1	91	2	60-130/30
100-41-4	Ethylbenzene	20	17.9	90	17.6	88	2	60-130/30
64-17-5	Ethyl Alcohol	400	465	116	489	122	5	60-130/30

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: C22599
Account: SHELLWIC Shell Oil Products
Project: WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VW1102-BS	W31864.D	1	07/10/12	KN	n/a	n/a	VW1102
VW1102-BSD	W31865.D	1	07/10/12	KN	n/a	n/a	VW1102

The QC reported here applies to the following samples: Method: SW846 8260B

C22599-1, C22599-2, C22599-3, C22599-4, C22599-5, C22599-6

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
637-92-3	Ethyl Tert Butyl Ether	20	17.9	90	17.5	88	2	60-130/30
591-78-6	2-Hexanone	80	73.8	92	73.5	92	0	60-130/30
87-68-3	Hexachlorobutadiene	20	19.3	97	18.8	94	3	60-130/30
98-82-8	Isopropylbenzene	20	15.7	79	15.4	77	2	60-130/30
99-87-6	p-Isopropyltoluene	20	16.8	84	16.3	82	3	60-130/30
108-10-1	4-Methyl-2-pentanone	80	74.0	93	73.6	92	1	60-130/30
74-83-9	Methyl bromide	20	17.8	89	17.5	88	2	60-130/30
74-87-3	Methyl chloride	20	16.5	83	16.4	82	1	60-130/30
74-95-3	Methylene bromide	20	19.3	97	19.3	97	0	60-130/30
75-09-2	Methylene chloride	20	18.2	91	18.9	95	4	60-130/30
78-93-3	Methyl ethyl ketone	80	73.6	92	74.1	93	1	60-130/30
1634-04-4	Methyl Tert Butyl Ether	20	17.9	90	17.3	87	3	60-130/30
91-20-3	Naphthalene	20	19.5	98	19.0	95	3	60-130/30
103-65-1	n-Propylbenzene	20	17.0	85	16.5	83	3	60-130/30
100-42-5	Styrene	20	19.6	98	19.2	96	2	60-130/30
994-05-8	Tert-Amyl Methyl Ether	20	17.5	88	17.2	86	2	60-130/30
75-65-0	Tert-Butyl Alcohol	100	108	108	103	103	5	60-130/30
630-20-6	1,1,1,2-Tetrachloroethane	20	19.5	98	19.3	97	1	60-130/30
71-55-6	1,1,1-Trichloroethane	20	18.7	94	18.4	92	2	60-130/30
79-34-5	1,1,2,2-Tetrachloroethane	20	19.9	100	19.4	97	3	60-130/30
79-00-5	1,1,2-Trichloroethane	20	19.0	95	18.5	93	3	60-130/30
87-61-6	1,2,3-Trichlorobenzene	20	19.1	96	18.5	93	3	60-130/30
96-18-4	1,2,3-Trichloropropane	20	21.0	105	20.4	102	3	60-130/30
120-82-1	1,2,4-Trichlorobenzene	20	18.1	91	17.6	88	3	60-130/30
95-63-6	1,2,4-Trimethylbenzene	20	18.1	91	17.7	89	2	60-130/30
108-67-8	1,3,5-Trimethylbenzene	20	18.4	92	18.1	91	2	60-130/30
127-18-4	Tetrachloroethylene	20	18.1	91	17.7	89	2	60-130/30
108-88-3	Toluene	20	17.8	89	17.6	88	1	60-130/30
79-01-6	Trichloroethylene	20	18.6	93	18.3	92	2	60-130/30
75-69-4	Trichlorofluoromethane	20	19.1	96	18.5	93	3	60-130/30
75-01-4	Vinyl chloride	20	16.5	83	15.9	80	4	60-130/30
1330-20-7	Xylene (total)	60	54.1	90	53.3	89	1	60-130/30

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: C22599
Account: SHELLWIC Shell Oil Products
Project: WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VW1102-BS	W31864.D	1	07/10/12	KN	n/a	n/a	VW1102
VW1102-BSD	W31865.D	1	07/10/12	KN	n/a	n/a	VW1102

The QC reported here applies to the following samples: **Method:** SW846 8260B

C22599-1, C22599-2, C22599-3, C22599-4, C22599-5, C22599-6

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	98%	99%	60-130%
2037-26-5	Toluene-D8	98%	98%	60-130%
460-00-4	4-Bromofluorobenzene	100%	99%	60-130%

* = Outside of Control Limits.

Laboratory Control Sample Summary

Job Number: C22599
Account: SHELLWIC Shell Oil Products
Project: WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VW1102-LCS	W31866.D	1	07/10/12	KN	n/a	n/a	VW1102

The QC reported here applies to the following samples: **Method:** SW846 8260B

C22599-1, C22599-2, C22599-3, C22599-4, C22599-5, C22599-6

CAS No.	Compound	Spike ug/l	LCS ug/l	LCS %	Limits
	TPH-GRO (C6-C10)	125	107	86	60-130

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	94%	60-130%
2037-26-5	Toluene-D8	98%	60-130%
460-00-4	4-Bromofluorobenzene	98%	60-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C22599
Account: SHELLWIC Shell Oil Products
Project: WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C22607-1MS	W31885.D	1	07/10/12	KN	n/a	n/a	VW1102
C22607-1MSD	W31886.D	1	07/10/12	KN	n/a	n/a	VW1102
C22607-1	W31868.D	1	07/10/12	KN	n/a	n/a	VW1102

The QC reported here applies to the following samples: **Method:** SW846 8260B

C22599-1, C22599-2, C22599-3, C22599-4, C22599-5, C22599-6

CAS No.	Compound	C22607-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		80	51.6	65	58.2	73	12	60-130/25
71-43-2	Benzene	ND		20	17.8	89	17.8	89	0	60-130/25
108-86-1	Bromobenzene	ND		20	18.1	91	17.9	90	1	60-130/25
74-97-5	Bromochloromethane	ND		20	18.6	93	19.3	97	4	60-130/25
75-27-4	Bromodichloromethane	ND		20	18.2	91	18.5	93	2	60-130/25
75-25-2	Bromoform	ND		20	20.9	105	21.9	110	5	60-130/25
104-51-8	n-Butylbenzene	ND		20	16.3	82	15.8	79	3	60-130/25
135-98-8	sec-Butylbenzene	ND		20	16.5	83	16.4	82	1	60-130/25
98-06-6	tert-Butylbenzene	ND		20	16.7	84	16.6	83	1	60-130/25
108-90-7	Chlorobenzene	ND		20	17.8	89	17.6	88	1	60-130/25
75-00-3	Chloroethane	ND		20	15.8	79	16.4	82	4	60-130/25
67-66-3	Chloroform	ND		20	17.7	89	18.1	91	2	60-130/25
95-49-8	o-Chlorotoluene	ND		20	17.7	89	17.4	87	2	60-130/25
106-43-4	p-Chlorotoluene	ND		20	15.9	80	15.6	78	2	60-130/25
56-23-5	Carbon tetrachloride	ND		20	18.8	94	18.7	94	1	60-130/25
75-34-3	1,1-Dichloroethane	ND		20	16.7	84	16.9	85	1	60-130/25
75-35-4	1,1-Dichloroethylene	ND		20	16.2	81	16.7	84	3	60-130/25
563-58-6	1,1-Dichloropropene	ND		20	17.4	87	17.5	88	1	60-130/25
96-12-8	1,2-Dibromo-3-chloropropane	ND		20	19.0	95	20.6	103	8	60-130/25
106-93-4	1,2-Dibromoethane	ND		20	19.3	97	19.7	99	2	60-130/25
107-06-2	1,2-Dichloroethane	ND		20	18.8	94	19.2	96	2	60-130/25
78-87-5	1,2-Dichloropropane	ND		20	17.7	89	17.7	89	0	60-130/25
142-28-9	1,3-Dichloropropane	ND		20	18.2	91	18.5	93	2	60-130/25
108-20-3	Di-Isopropyl ether	ND		20	15.7	79	16.2	81	3	60-130/25
594-20-7	2,2-Dichloropropane	ND		20	15.4	77	15.5	78	1	60-130/25
124-48-1	Dibromochloromethane	ND		20	19.7	99	20.0	100	2	60-130/25
75-71-8	Dichlorodifluoromethane	ND		20	18.7	94	19.5	98	4	60-130/25
156-59-2	cis-1,2-Dichloroethylene	ND		20	17.4	87	17.7	89	2	60-130/25
10061-01-5	cis-1,3-Dichloropropene	ND		20	18.6	93	18.6	93	0	60-130/25
541-73-1	m-Dichlorobenzene	ND		20	17.3	87	17.0	85	2	60-130/25
95-50-1	o-Dichlorobenzene	ND		20	17.6	88	17.7	89	1	60-130/25
106-46-7	p-Dichlorobenzene	ND		20	17.5	88	17.2	86	2	60-130/25
156-60-5	trans-1,2-Dichloroethylene	ND		20	17.5	88	17.8	89	2	60-130/25
10061-02-6	trans-1,3-Dichloropropene	ND		20	17.0	85	17.3	87	2	60-130/25
100-41-4	Ethylbenzene	ND		20	17.6	88	17.3	87	2	60-130/25
64-17-5	Ethyl Alcohol	ND		400	366	92	436	109	17	60-130/25

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C22599
Account: SHELLWIC Shell Oil Products
Project: WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C22607-1MS	W31885.D	1	07/10/12	KN	n/a	n/a	VW1102
C22607-1MSD	W31886.D	1	07/10/12	KN	n/a	n/a	VW1102
C22607-1	W31868.D	1	07/10/12	KN	n/a	n/a	VW1102

The QC reported here applies to the following samples: **Method:** SW846 8260B

C22599-1, C22599-2, C22599-3, C22599-4, C22599-5, C22599-6

CAS No.	Compound	C22607-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
637-92-3	Ethyl Tert Butyl Ether	ND		20	17.0	85	17.5	88	3	60-130/25
591-78-6	2-Hexanone	ND		80	71.1	89	76.6	96	7	60-130/25
87-68-3	Hexachlorobutadiene	ND		20	17.6	88	17.3	87	2	60-130/25
98-82-8	Isopropylbenzene	ND		20	15.3	77	15.1	76	1	60-130/25
99-87-6	p-Isopropyltoluene	ND		20	15.8	79	15.5	78	2	60-130/25
108-10-1	4-Methyl-2-pentanone	ND		80	71.7	90	76.1	95	6	60-130/25
74-83-9	Methyl bromide	ND		20	16.0	80	16.4	82	2	60-130/25
74-87-3	Methyl chloride	ND		20	15.7	79	15.8	79	1	60-130/25
74-95-3	Methylene bromide	ND		20	18.7	94	19.2	96	3	60-130/25
75-09-2	Methylene chloride	ND		20	17.7	89	18.2	91	3	60-130/25
78-93-3	Methyl ethyl ketone	ND		80	67.8	85	75.3	94	10	60-130/25
1634-04-4	Methyl Tert Butyl Ether	ND		20	16.6	83	17.6	88	6	60-130/25
91-20-3	Naphthalene	ND		20	17.6	88	19.1	96	8	60-130/25
103-65-1	n-Propylbenzene	ND		20	16.2	81	16.0	80	1	60-130/25
100-42-5	Styrene	ND		20	18.1	91	17.7	89	2	60-130/25
994-05-8	Tert-Amyl Methyl Ether	ND		20	16.8	84	17.3	87	3	60-130/25
75-65-0	Tert-Butyl Alcohol	ND		100	82.5	83	107	107	26* [a]	60-130/25
630-20-6	1,1,1,2-Tetrachloroethane	ND		20	19.5	98	19.3	97	1	60-130/25
71-55-6	1,1,1-Trichloroethane	ND		20	17.8	89	18.2	91	2	60-130/25
79-34-5	1,1,2,2-Tetrachloroethane	ND		20	19.0	95	20.1	101	6	60-130/25
79-00-5	1,1,2-Trichloroethane	ND		20	18.4	92	18.7	94	2	60-130/25
87-61-6	1,2,3-Trichlorobenzene	ND		20	16.8	84	17.5	88	4	60-130/25
96-18-4	1,2,3-Trichloropropane	ND		20	19.6	98	20.6	103	5	60-130/25
120-82-1	1,2,4-Trichlorobenzene	ND		20	16.1	81	16.2	81	1	60-130/25
95-63-6	1,2,4-Trimethylbenzene	ND		20	17.4	87	17.1	86	2	60-130/25
108-67-8	1,3,5-Trimethylbenzene	ND		20	17.5	88	17.3	87	1	60-130/25
127-18-4	Tetrachloroethylene	ND		20	17.4	87	17.2	86	1	60-130/25
108-88-3	Toluene	ND		20	17.4	87	17.4	87	0	60-130/25
79-01-6	Trichloroethylene	ND		20	17.9	90	18.1	91	1	60-130/25
75-69-4	Trichlorofluoromethane	ND		20	17.0	85	17.6	88	3	60-130/25
75-01-4	Vinyl chloride	ND		20	16.2	81	16.4	82	1	60-130/25
1330-20-7	Xylene (total)	ND		60	53.0	88	52.2	87	2	60-130/25

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C22599
Account: SHELLWIC Shell Oil Products
Project: WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C22607-1MS	W31885.D	1	07/10/12	KN	n/a	n/a	VW1102
C22607-1MSD	W31886.D	1	07/10/12	KN	n/a	n/a	VW1102
C22607-1	W31868.D	1	07/10/12	KN	n/a	n/a	VW1102

5.4.1

5

The QC reported here applies to the following samples: **Method:** SW846 8260B

C22599-1, C22599-2, C22599-3, C22599-4, C22599-5, C22599-6

CAS No.	Surrogate Recoveries	MS	MSD	C22607-1	Limits
1868-53-7	Dibromofluoromethane	96%	99%	96%	60-130%
2037-26-5	Toluene-D8	99%	98%	97%	60-130%
460-00-4	4-Bromofluorobenzene	101%	99%	98%	60-130%

(a) Outside laboratory control limits.

* = Outside of Control Limits.

Northern California
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09/27/12

Technical Report for

Shell Oil Company

WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA

11.236

Accutest Job Number: C23609

Sampling Date: 09/11/12

Report to:

Wayne Perry, Inc.
8281 Commonwealth Ave
Buena Park, CA 90621
Sjewell@wpinc.com; eortega@wpinc.com

ATTN: Shannon Jewell

Total number of pages in report: **51**

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Kesavalu M. Bagawandoss, Ph.D., J.D., Lab Director

Client Service contact: Vincent Vancil 408-588-0200

Certifications: CA (08258CA) AZ (AZ0762) DoD/ISO/IEC 17025:2005 (L2242)

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Sample Summary

Shell Oil Company

Job No: C23609

WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA
Project No: 11.236

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
C23609-1	09/11/12	11:44	JG	09/13/12	AQ	Ground Water	VEW-2
C23609-2	09/11/12	11:53	JG	09/13/12	AQ	Ground Water	MW-3
C23609-3	09/11/12	11:57	JG	09/13/12	AQ	Ground Water	B-5RD
C23609-4	09/11/12	12:02	JG	09/13/12	AQ	Ground Water	B-10
C23609-5	09/11/12	12:07	JG	09/13/12	AQ	Ground Water	VEW-4
C23609-6	09/11/12	12:14	JG	09/13/12	AQ	Ground Water	VEW-5
C23609-7	09/11/12	12:21	JG	09/13/12	AQ	Ground Water	MW-1
C23609-8	09/11/12	12:26	JG	09/13/12	AQ	Ground Water	B-2RD
C23609-9	09/11/12	12:33	JG	09/13/12	AQ	Ground Water	B-4RD
C23609-10	09/11/12	12:40	JG	09/13/12	AQ	Ground Water	B-9
C23609-11	09/11/12	12:48	JG	09/13/12	AQ	Ground Water	B-3RD
C23609-12	09/11/12	12:53	JG	09/13/12	AQ	Ground Water	DPE-5
C23609-13	09/11/12	13:00	JG	09/13/12	AQ	Ground Water	DPE-2

Sample Summary
(continued)

Shell Oil Company

Job No: C23609

WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA
Project No: 11.236

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
C23609-14	09/11/12	13:06	JG	09/13/12	AQ	Ground Water	MW-5A
C23609-15	09/11/12	13:11	JG	09/13/12	AQ	Ground Water	MW-5B
C23609-16	09/11/12	13:16	JG	09/13/12	AQ	Ground Water	MW-5C
C23609-17	09/11/12	09:52	JG	09/13/12	AQ	Ground Water	MW-2
C23609-18	09/11/12	10:50	JG	09/13/12	AQ	Ground Water	B-8
C23609-19	09/11/12	13:00	JG	09/13/12	AQ	Ground Water	B-12
C23609-20	09/11/12	13:05	JG	09/13/12	AQ	Ground Water	B-11
C23609-21	09/11/12	13:10	JG	09/13/12	AQ	Ground Water	B-13
C23609-22	09/11/12	13:15	JG	09/13/12	AQ	Ground Water	MW-4A
C23609-23	09/11/12	13:20	JG	09/13/12	AQ	Ground Water	MW-4B
C23609-24	09/11/12	13:25	JG	09/13/12	AQ	Ground Water	MW-4C

Summary of Hits

2

Job Number: C23609
Account: Shell Oil Company
Project: WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA
Collected: 09/11/12

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
C23609-1	**VEW-2**					
Benzene		24.7	5.0	1.0	ug/l	SW846 8260B
Toluene		2.5 J	5.0	1.0	ug/l	SW846 8260B
Ethylbenzene		5.8	5.0	1.0	ug/l	SW846 8260B
Xylene (total)		3.1 J	10	2.3	ug/l	SW846 8260B
Di-Isopropyl ether		4.8 J	10	1.1	ug/l	SW846 8260B
Methyl Tert Butyl Ether		24.9	5.0	1.0	ug/l	SW846 8260B
Tert-Butyl Alcohol		203	50	12	ug/l	SW846 8260B
TPH-GRO (C6-C10)		1800	250	130	ug/l	SW846 8260B
C23609-2	**MW-3**					
Di-Isopropyl ether		5.3	2.0	0.22	ug/l	SW846 8260B
Methyl Tert Butyl Ether		2.4	1.0	0.20	ug/l	SW846 8260B
TPH-GRO (C6-C10)		63.3	50	25	ug/l	SW846 8260B
C23609-3	**B-5RD**					
Di-Isopropyl ether		0.24 J	2.0	0.22	ug/l	SW846 8260B
Methyl Tert Butyl Ether		0.47 J	1.0	0.20	ug/l	SW846 8260B
Tert-Butyl Alcohol		24.7	10	2.4	ug/l	SW846 8260B
TPH-GRO (C6-C10)		30.0 J	50	25	ug/l	SW846 8260B
C23609-4	**B-10**					
Benzene		4.9	1.0	0.20	ug/l	SW846 8260B
Di-Isopropyl ether		5.7	2.0	0.22	ug/l	SW846 8260B
Methyl Tert Butyl Ether		3.7	1.0	0.20	ug/l	SW846 8260B
Tert-Butyl Alcohol		286	10	2.4	ug/l	SW846 8260B
TPH-GRO (C6-C10)		145	50	25	ug/l	SW846 8260B
C23609-5	**VEW-4**					
Benzene		1.1	1.0	0.20	ug/l	SW846 8260B
Di-Isopropyl ether		2.3	2.0	0.22	ug/l	SW846 8260B
Methyl Tert Butyl Ether		4.1	1.0	0.20	ug/l	SW846 8260B
Tert-Butyl Alcohol		33.4	10	2.4	ug/l	SW846 8260B
TPH-GRO (C6-C10)		46.3 J	50	25	ug/l	SW846 8260B
C23609-6	**VEW-5**					
Di-Isopropyl ether		2.6	2.0	0.22	ug/l	SW846 8260B
Methyl Tert Butyl Ether		1.8	1.0	0.20	ug/l	SW846 8260B
Tert-Butyl Alcohol		28.4	10	2.4	ug/l	SW846 8260B

2

Summary of Hits

Job Number: C23609
Account: Shell Oil Company
Project: WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA
Collected: 09/11/12

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
C23609-7	**MW-1**					
Di-Isopropyl ether		0.45 J	2.0	0.22	ug/l	SW846 8260B
C23609-8	**B-2RD**					
Di-Isopropyl ether		0.90 J	2.0	0.22	ug/l	SW846 8260B
Methyl Tert Butyl Ether		1.2	1.0	0.20	ug/l	SW846 8260B
C23609-9	**B-4RD**					
Methyl Tert Butyl Ether		3.6	1.0	0.20	ug/l	SW846 8260B
C23609-10	**B-9**					
Di-Isopropyl ether		1.4 J	2.0	0.22	ug/l	SW846 8260B
Methyl Tert Butyl Ether		2.6	1.0	0.20	ug/l	SW846 8260B
C23609-11	**B-3RD**					
Methyl Tert Butyl Ether		2.4	1.0	0.20	ug/l	SW846 8260B
C23609-12	**DPE-5**					
Benzene		1.5 J	5.0	1.0	ug/l	SW846 8260B
Ethylbenzene		1.9 J	5.0	1.0	ug/l	SW846 8260B
TPH-GRO (C6-C10)		1780	250	130	ug/l	SW846 8260B
C23609-13	**DPE-2**					
Benzene		7920	100	20	ug/l	SW846 8260B
Toluene		7990	100	20	ug/l	SW846 8260B
Ethylbenzene		2480	100	20	ug/l	SW846 8260B
Xylene (total)		11200	200	46	ug/l	SW846 8260B
Di-Isopropyl ether		25.0 J	200	22	ug/l	SW846 8260B
TPH-GRO (C6-C10)		84900	5000	2500	ug/l	SW846 8260B
C23609-14	**MW-5A**					
Benzene		1720	100	20	ug/l	SW846 8260B
Toluene		3640	100	20	ug/l	SW846 8260B
Ethylbenzene		980	100	20	ug/l	SW846 8260B
Xylene (total)		4890	200	46	ug/l	SW846 8260B
TPH-GRO (C6-C10)		35000	5000	2500	ug/l	SW846 8260B

Summary of Hits

Job Number: C23609
Account: Shell Oil Company
Project: WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA
Collected: 09/11/12

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
C23609-15	**MW-5B**					
Benzene		96.4	20	4.0	ug/l	SW846 8260B
Toluene		6.3 J	20	4.0	ug/l	SW846 8260B
Ethylbenzene		446	20	4.0	ug/l	SW846 8260B
Xylene (total)		682	40	9.2	ug/l	SW846 8260B
Methyl Tert Butyl Ether		6.8 J	20	4.0	ug/l	SW846 8260B
Tert-Butyl Alcohol		273	200	48	ug/l	SW846 8260B
TPH-GRO (C6-C10)		4720	1000	500	ug/l	SW846 8260B
C23609-16	**MW-5C**					
Toluene		0.21 J	1.0	0.20	ug/l	SW846 8260B
Ethylbenzene		0.39 J	1.0	0.20	ug/l	SW846 8260B
Xylene (total)		0.75 J	2.0	0.46	ug/l	SW846 8260B
Methyl Tert Butyl Ether		1.2	1.0	0.20	ug/l	SW846 8260B
C23609-17	**MW-2**					
Methyl Tert Butyl Ether		0.59 J	1.0	0.20	ug/l	SW846 8260B
TPH-GRO (C6-C10) [a]		267	50	25	ug/l	SW846 8260B
C23609-18	**B-8**					
Methyl Tert Butyl Ether		2.0	1.0	0.20	ug/l	SW846 8260B
C23609-19	**B-12**					
Benzene		62.5	2.0	0.40	ug/l	SW846 8260B
Toluene		8.0	2.0	0.40	ug/l	SW846 8260B
Ethylbenzene		23.2	2.0	0.40	ug/l	SW846 8260B
Xylene (total)		31.2	4.0	0.92	ug/l	SW846 8260B
Di-Isopropyl ether		25.2	4.0	0.44	ug/l	SW846 8260B
Methyl Tert Butyl Ether		6.1	2.0	0.40	ug/l	SW846 8260B
TPH-GRO (C6-C10)		1570	100	50	ug/l	SW846 8260B
C23609-20	**B-11**					
Methyl Tert Butyl Ether		2.0	1.0	0.20	ug/l	SW846 8260B
C23609-21	**B-13**					
Methyl Tert Butyl Ether		1.4	1.0	0.20	ug/l	SW846 8260B

Summary of Hits

Job Number: C23609
Account: Shell Oil Company
Project: WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA
Collected: 09/11/12

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
C23609-22	**MW-4A**					
Benzene		92.9	2.0	0.40	ug/l	SW846 8260B
Toluene		0.96 J	2.0	0.40	ug/l	SW846 8260B
Ethylbenzene		58.7	2.0	0.40	ug/l	SW846 8260B
Xylene (total)		3.2 J	4.0	0.92	ug/l	SW846 8260B
Di-Isopropyl ether		10.3	4.0	0.44	ug/l	SW846 8260B
Methyl Tert Butyl Ether		5.5	2.0	0.40	ug/l	SW846 8260B
Tert-Butyl Alcohol		7.9 J	20	4.8	ug/l	SW846 8260B
TPH-GRO (C6-C10)		1130	100	50	ug/l	SW846 8260B
C23609-23	**MW-4B**					
Benzene		0.71 J	2.0	0.40	ug/l	SW846 8260B
Di-Isopropyl ether		4.1	4.0	0.44	ug/l	SW846 8260B
Methyl Tert Butyl Ether		5.4	2.0	0.40	ug/l	SW846 8260B
Tert-Butyl Alcohol		462	20	4.8	ug/l	SW846 8260B
C23609-24	**MW-4C**					

No hits reported in this sample.

(a) Atypical pattern; value primarily due to chlorinated compound(s).

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Sample Results

Report of Analysis

Accutest Laboratories

Report of Analysis

Client Sample ID:	VEW-2		
Lab Sample ID:	C23609-1	Date Sampled:	09/11/12
Matrix:	AQ - Ground Water	Date Received:	09/13/12
Method:	SW846 8260B	Percent Solids:	n/a
Project:	WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Q10566.D	5	09/18/12	TN	n/a	n/a	VQ407
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

BTEX, Oxygenates, GRO

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	24.7	5.0	1.0	ug/l	
108-88-3	Toluene	2.5	5.0	1.0	ug/l	J
100-41-4	Ethylbenzene	5.8	5.0	1.0	ug/l	
1330-20-7	Xylene (total)	3.1	10	2.3	ug/l	J
108-20-3	Di-Isopropyl ether	4.8	10	1.1	ug/l	J
64-17-5	Ethyl Alcohol	ND	500	100	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	10	1.1	ug/l	
1634-04-4	Methyl Tert Butyl Ether	24.9	5.0	1.0	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	10	2.0	ug/l	
75-65-0	Tert-Butyl Alcohol	203	50	12	ug/l	
	TPH-GRO (C6-C10)	1800	250	130	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		60-130%
2037-26-5	Toluene-D8	108%		60-130%
460-00-4	4-Bromofluorobenzene	103%		60-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

3.2

3

Client Sample ID:	MW-3		
Lab Sample ID:	C23609-2	Date Sampled:	09/11/12
Matrix:	AQ - Ground Water	Date Received:	09/13/12
Method:	SW846 8260B	Percent Solids:	n/a
Project:	WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Q10555.D	1	09/18/12	TN	n/a	n/a	VQ407
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

BTEX, Oxygenates, GRO

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.46	ug/l	
108-20-3	Di-Isopropyl ether	5.3	2.0	0.22	ug/l	
64-17-5	Ethyl Alcohol	ND	100	21	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.22	ug/l	
1634-04-4	Methyl Tert Butyl Ether	2.4	1.0	0.20	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.40	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	10	2.4	ug/l	
	TPH-GRO (C6-C10)	63.3	50	25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		60-130%
2037-26-5	Toluene-D8	108%		60-130%
460-00-4	4-Bromofluorobenzene	100%		60-130%

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B-5RD		
Lab Sample ID:	C23609-3	Date Sampled:	09/11/12
Matrix:	AQ - Ground Water	Date Received:	09/13/12
Method:	SW846 8260B	Percent Solids:	n/a
Project:	WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Q10556.D	1	09/18/12	TN	n/a	n/a	VQ407
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

BTEX, Oxygenates, GRO

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.46	ug/l	
108-20-3	Di-Isopropyl ether	0.24	2.0	0.22	ug/l	J
64-17-5	Ethyl Alcohol	ND	100	21	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.22	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.47	1.0	0.20	ug/l	J
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.40	ug/l	
75-65-0	Tert-Butyl Alcohol	24.7	10	2.4	ug/l	
	TPH-GRO (C6-C10)	30.0	50	25	ug/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		60-130%
2037-26-5	Toluene-D8	107%		60-130%
460-00-4	4-Bromofluorobenzene	102%		60-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B-10		
Lab Sample ID:	C23609-4	Date Sampled:	09/11/12
Matrix:	AQ - Ground Water	Date Received:	09/13/12
Method:	SW846 8260B	Percent Solids:	n/a
Project:	WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Q10557.D	1	09/18/12	TN	n/a	n/a	VQ407
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

BTEX, Oxygenates, GRO

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	4.9	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.46	ug/l	
108-20-3	Di-Isopropyl ether	5.7	2.0	0.22	ug/l	
64-17-5	Ethyl Alcohol	ND	100	21	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.22	ug/l	
1634-04-4	Methyl Tert Butyl Ether	3.7	1.0	0.20	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.40	ug/l	
75-65-0	Tert-Butyl Alcohol	286	10	2.4	ug/l	
	TPH-GRO (C6-C10)	145	50	25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		60-130%
2037-26-5	Toluene-D8	107%		60-130%
460-00-4	4-Bromofluorobenzene	101%		60-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	VEW-4		
Lab Sample ID:	C23609-5	Date Sampled:	09/11/12
Matrix:	AQ - Ground Water	Date Received:	09/13/12
Method:	SW846 8260B	Percent Solids:	n/a
Project:	WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Q10558.D	1	09/18/12	TN	n/a	n/a	VQ407
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

BTEX, Oxygenates, GRO

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	1.1	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.46	ug/l	
108-20-3	Di-Isopropyl ether	2.3	2.0	0.22	ug/l	
64-17-5	Ethyl Alcohol	ND	100	21	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.22	ug/l	
1634-04-4	Methyl Tert Butyl Ether	4.1	1.0	0.20	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.40	ug/l	
75-65-0	Tert-Butyl Alcohol	33.4	10	2.4	ug/l	
	TPH-GRO (C6-C10)	46.3	50	25	ug/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		60-130%
2037-26-5	Toluene-D8	108%		60-130%
460-00-4	4-Bromofluorobenzene	102%		60-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	VEW-5		
Lab Sample ID:	C23609-6	**Date Sampled:**	09/11/12
Matrix:	AQ - Ground Water	**Date Received:**	09/13/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Q10559.D	1	09/18/12	TN	n/a	n/a	VQ407
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

BTEX, Oxygenates, GRO

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.46	ug/l	
108-20-3	Di-Isopropyl ether	2.6	2.0	0.22	ug/l	
64-17-5	Ethyl Alcohol	ND	100	21	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.22	ug/l	
1634-04-4	Methyl Tert Butyl Ether	1.8	1.0	0.20	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.40	ug/l	
75-65-0	Tert-Butyl Alcohol	28.4	10	2.4	ug/l	
	TPH-GRO (C6-C10)	ND	50	25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		60-130%
2037-26-5	Toluene-D8	106%		60-130%
460-00-4	4-Bromofluorobenzene	101%		60-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-1		
Lab Sample ID:	C23609-7	Date Sampled:	09/11/12
Matrix:	AQ - Ground Water	Date Received:	09/13/12
Method:	SW846 8260B	Percent Solids:	n/a
Project:	WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Q10560.D	1	09/18/12	TN	n/a	n/a	VQ407
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

BTEX, Oxygenates, GRO

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.46	ug/l	
108-20-3	Di-Isopropyl ether	0.45	2.0	0.22	ug/l	J
64-17-5	Ethyl Alcohol	ND	100	21	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.22	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.40	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	10	2.4	ug/l	
	TPH-GRO (C6-C10)	ND	50	25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		60-130%
2037-26-5	Toluene-D8	108%		60-130%
460-00-4	4-Bromofluorobenzene	103%		60-130%

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

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Report of Analysis

3.3

Client Sample ID:	B-2RD		
Lab Sample ID:	C23609-8	Date Sampled:	09/11/12
Matrix:	AQ - Ground Water	Date Received:	09/13/12
Method:	SW846 8260B	Percent Solids:	n/a
Project:	WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Q10561.D	1	09/18/12	TN	n/a	n/a	VQ407
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

BTEX, Oxygenates, GRO

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.46	ug/l	
108-20-3	Di-Isopropyl ether	0.90	2.0	0.22	ug/l	J
64-17-5	Ethyl Alcohol	ND	100	21	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.22	ug/l	
1634-04-4	Methyl Tert Butyl Ether	1.2	1.0	0.20	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.40	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	10	2.4	ug/l	
	TPH-GRO (C6-C10)	ND	50	25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		60-130%
2037-26-5	Toluene-D8	106%		60-130%
460-00-4	4-Bromofluorobenzene	101%		60-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B-4RD		
Lab Sample ID:	C23609-9	Date Sampled:	09/11/12
Matrix:	AQ - Ground Water	Date Received:	09/13/12
Method:	SW846 8260B	Percent Solids:	n/a
Project:	WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Q10562.D	1	09/18/12	TN	n/a	n/a	VQ407
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

BTEX, Oxygenates, GRO

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.46	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.22	ug/l	
64-17-5	Ethyl Alcohol	ND	100	21	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.22	ug/l	
1634-04-4	Methyl Tert Butyl Ether	3.6	1.0	0.20	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.40	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	10	2.4	ug/l	
	TPH-GRO (C6-C10)	ND	50	25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		60-130%
2037-26-5	Toluene-D8	106%		60-130%
460-00-4	4-Bromofluorobenzene	101%		60-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B-9		
Lab Sample ID:	C23609-10	Date Sampled:	09/11/12
Matrix:	AQ - Ground Water	Date Received:	09/13/12
Method:	SW846 8260B	Percent Solids:	n/a
Project:	WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Q10563.D	1	09/18/12	TN	n/a	n/a	VQ407
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

BTEX, Oxygenates, GRO

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.46	ug/l	
108-20-3	Di-Isopropyl ether	1.4	2.0	0.22	ug/l	J
64-17-5	Ethyl Alcohol	ND	100	21	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.22	ug/l	
1634-04-4	Methyl Tert Butyl Ether	2.6	1.0	0.20	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.40	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	10	2.4	ug/l	
	TPH-GRO (C6-C10)	ND	50	25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		60-130%
2037-26-5	Toluene-D8	107%		60-130%
460-00-4	4-Bromofluorobenzene	100%		60-130%

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B-3RD		
Lab Sample ID:	C23609-11	Date Sampled:	09/11/12
Matrix:	AQ - Ground Water	Date Received:	09/13/12
Method:	SW846 8260B	Percent Solids:	n/a
Project:	WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Q10564.D	1	09/18/12	TN	n/a	n/a	VQ407
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

BTEX, Oxygenates, GRO

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.46	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.22	ug/l	
64-17-5	Ethyl Alcohol	ND	100	21	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.22	ug/l	
1634-04-4	Methyl Tert Butyl Ether	2.4	1.0	0.20	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.40	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	10	2.4	ug/l	
	TPH-GRO (C6-C10)	ND	50	25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		60-130%
2037-26-5	Toluene-D8	105%		60-130%
460-00-4	4-Bromofluorobenzene	101%		60-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DPE-5		
Lab Sample ID:	C23609-12	Date Sampled:	09/11/12
Matrix:	AQ - Ground Water	Date Received:	09/13/12
Method:	SW846 8260B	Percent Solids:	n/a
Project:	WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Q10567.D	5	09/18/12	TN	n/a	n/a	VQ407
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

BTEX, Oxygenates, GRO

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	1.5	5.0	1.0	ug/l	J
108-88-3	Toluene	ND	5.0	1.0	ug/l	
100-41-4	Ethylbenzene	1.9	5.0	1.0	ug/l	J
1330-20-7	Xylene (total)	ND	10	2.3	ug/l	
108-20-3	Di-Isopropyl ether	ND	10	1.1	ug/l	
64-17-5	Ethyl Alcohol	ND	500	100	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	10	1.1	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	1.0	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	10	2.0	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	50	12	ug/l	
	TPH-GRO (C6-C10)	1780	250	130	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		60-130%
2037-26-5	Toluene-D8	108%		60-130%
460-00-4	4-Bromofluorobenzene	102%		60-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DPE-2		
Lab Sample ID:	C23609-13	Date Sampled:	09/11/12
Matrix:	AQ - Ground Water	Date Received:	09/13/12
Method:	SW846 8260B	Percent Solids:	n/a
Project:	WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Q10565.D	100	09/18/12	TN	n/a	n/a	VQ407
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

BTEX, Oxygenates, GRO

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	7920	100	20	ug/l	
108-88-3	Toluene	7990	100	20	ug/l	
100-41-4	Ethylbenzene	2480	100	20	ug/l	
1330-20-7	Xylene (total)	11200	200	46	ug/l	
108-20-3	Di-Isopropyl ether	25.0	200	22	ug/l	J
64-17-5	Ethyl Alcohol	ND	10000	2100	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	200	22	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	100	20	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	200	40	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	1000	240	ug/l	
	TPH-GRO (C6-C10)	84900	5000	2500	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		60-130%
2037-26-5	Toluene-D8	108%		60-130%
460-00-4	4-Bromofluorobenzene	103%		60-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-5A		
Lab Sample ID:	C23609-14	Date Sampled:	09/11/12
Matrix:	AQ - Ground Water	Date Received:	09/13/12
Method:	SW846 8260B	Percent Solids:	n/a
Project:	WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Q10568.D	100	09/18/12	TN	n/a	n/a	VQ407
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

BTEX, Oxygenates, GRO

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	1720	100	20	ug/l	
108-88-3	Toluene	3640	100	20	ug/l	
100-41-4	Ethylbenzene	980	100	20	ug/l	
1330-20-7	Xylene (total)	4890	200	46	ug/l	
108-20-3	Di-Isopropyl ether	ND	200	22	ug/l	
64-17-5	Ethyl Alcohol	ND	10000	2100	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	200	22	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	100	20	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	200	40	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	1000	240	ug/l	
	TPH-GRO (C6-C10)	35000	5000	2500	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		60-130%
2037-26-5	Toluene-D8	109%		60-130%
460-00-4	4-Bromofluorobenzene	103%		60-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-5B		
Lab Sample ID:	C23609-15	Date Sampled:	09/11/12
Matrix:	AQ - Ground Water	Date Received:	09/13/12
Method:	SW846 8260B	Percent Solids:	n/a
Project:	WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Q10569.D	20	09/18/12	TN	n/a	n/a	VQ407
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

BTEX, Oxygenates, GRO

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	96.4	20	4.0	ug/l	
108-88-3	Toluene	6.3	20	4.0	ug/l	J
100-41-4	Ethylbenzene	446	20	4.0	ug/l	
1330-20-7	Xylene (total)	682	40	9.2	ug/l	
108-20-3	Di-Isopropyl ether	ND	40	4.4	ug/l	
64-17-5	Ethyl Alcohol	ND	2000	410	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	40	4.4	ug/l	
1634-04-4	Methyl Tert Butyl Ether	6.8	20	4.0	ug/l	J
994-05-8	Tert-Amyl Methyl Ether	ND	40	8.0	ug/l	
75-65-0	Tert-Butyl Alcohol	273	200	48	ug/l	
	TPH-GRO (C6-C10)	4720	1000	500	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		60-130%
2037-26-5	Toluene-D8	108%		60-130%
460-00-4	4-Bromofluorobenzene	103%		60-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-5C		
Lab Sample ID:	C23609-16	**Date Sampled:**	09/11/12
Matrix:	AQ - Ground Water	**Date Received:**	09/13/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U6483.D	1	09/19/12	YP	n/a	n/a	VU249
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

BTEX, Oxygenates, GRO

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	0.21	1.0	0.20	ug/l	J
100-41-4	Ethylbenzene	0.39	1.0	0.20	ug/l	J
1330-20-7	Xylene (total)	0.75	2.0	0.46	ug/l	J
108-20-3	Di-Isopropyl ether	ND	2.0	0.22	ug/l	
64-17-5	Ethyl Alcohol	ND	100	21	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.22	ug/l	
1634-04-4	Methyl Tert Butyl Ether	1.2	1.0	0.20	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.40	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	10	2.4	ug/l	
	TPH-GRO (C6-C10)	ND	50	25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		60-130%
2037-26-5	Toluene-D8	95%		60-130%
460-00-4	4-Bromofluorobenzene	89%		60-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-2		
Lab Sample ID:	C23609-17	Date Sampled:	09/11/12
Matrix:	AQ - Ground Water	Date Received:	09/13/12
Method:	SW846 8260B	Percent Solids:	n/a
Project:	WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U6484.D	1	09/19/12	YP	n/a	n/a	VU249
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

BTEX, Oxygenates, GRO

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.46	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.22	ug/l	
64-17-5	Ethyl Alcohol	ND	100	21	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.22	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.59	1.0	0.20	ug/l	J
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.40	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	10	2.4	ug/l	
	TPH-GRO (C6-C10) [a]	267	50	25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	93%		60-130%
2037-26-5	Toluene-D8	94%		60-130%
460-00-4	4-Bromofluorobenzene	87%		60-130%

(a) Atypical pattern; value primarily due to chlorinated compound(s).

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B-8		
Lab Sample ID:	C23609-18	Date Sampled:	09/11/12
Matrix:	AQ - Ground Water	Date Received:	09/13/12
Method:	SW846 8260B	Percent Solids:	n/a
Project:	WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U6485.D	1	09/19/12	YP	n/a	n/a	VU249
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

BTEX, Oxygenates, GRO

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.46	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.22	ug/l	
64-17-5	Ethyl Alcohol	ND	100	21	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.22	ug/l	
1634-04-4	Methyl Tert Butyl Ether	2.0	1.0	0.20	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.40	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	10	2.4	ug/l	
	TPH-GRO (C6-C10)	ND	50	25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		60-130%
2037-26-5	Toluene-D8	96%		60-130%
460-00-4	4-Bromofluorobenzene	91%		60-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B-12		
Lab Sample ID:	C23609-19	Date Sampled:	09/11/12
Matrix:	AQ - Ground Water	Date Received:	09/13/12
Method:	SW846 8260B	Percent Solids:	n/a
Project:	WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W33598.D	2	09/20/12	KN	n/a	n/a	VW1169
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

BTEX, Oxygenates, GRO

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	62.5	2.0	0.40	ug/l	
108-88-3	Toluene	8.0	2.0	0.40	ug/l	
100-41-4	Ethylbenzene	23.2	2.0	0.40	ug/l	
1330-20-7	Xylene (total)	31.2	4.0	0.92	ug/l	
108-20-3	Di-Isopropyl ether	25.2	4.0	0.44	ug/l	
64-17-5	Ethyl Alcohol	ND	200	41	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	4.0	0.44	ug/l	
1634-04-4	Methyl Tert Butyl Ether	6.1	2.0	0.40	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	4.0	0.80	ug/l	
75-65-0	Tert-Butyl Alcohol [a]	ND	20	4.8	ug/l	
	TPH-GRO (C6-C10)	1570	100	50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		60-130%
2037-26-5	Toluene-D8	103%		60-130%
460-00-4	4-Bromofluorobenzene	103%		60-130%

(a) CCV outside of control limits (biased high); not detected in sample.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B-11		
Lab Sample ID:	C23609-20	Date Sampled:	09/11/12
Matrix:	AQ - Ground Water	Date Received:	09/13/12
Method:	SW846 8260B	Percent Solids:	n/a
Project:	WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U6487.D	1	09/19/12	YP	n/a	n/a	VU249
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

BTEX, Oxygenates, GRO

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.46	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.22	ug/l	
64-17-5	Ethyl Alcohol	ND	100	21	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.22	ug/l	
1634-04-4	Methyl Tert Butyl Ether	2.0	1.0	0.20	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.40	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	10	2.4	ug/l	
	TPH-GRO (C6-C10)	ND	50	25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	91%		60-130%
2037-26-5	Toluene-D8	96%		60-130%
460-00-4	4-Bromofluorobenzene	89%		60-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B-13		
Lab Sample ID:	C23609-21	Date Sampled:	09/11/12
Matrix:	AQ - Ground Water	Date Received:	09/13/12
Method:	SW846 8260B	Percent Solids:	n/a
Project:	WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U6488.D	1	09/19/12	YP	n/a	n/a	VU249
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

BTEX, Oxygenates, GRO

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.46	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.22	ug/l	
64-17-5	Ethyl Alcohol	ND	100	21	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.22	ug/l	
1634-04-4	Methyl Tert Butyl Ether	1.4	1.0	0.20	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.40	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	10	2.4	ug/l	
	TPH-GRO (C6-C10)	ND	50	25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	90%		60-130%
2037-26-5	Toluene-D8	95%		60-130%
460-00-4	4-Bromofluorobenzene	92%		60-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-4A		
Lab Sample ID:	C23609-22	Date Sampled:	09/11/12
Matrix:	AQ - Ground Water	Date Received:	09/13/12
Method:	SW846 8260B	Percent Solids:	n/a
Project:	WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U6494.D	2	09/19/12	YP	n/a	n/a	VU249
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

BTEX, Oxygenates, GRO

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	92.9	2.0	0.40	ug/l	
108-88-3	Toluene	0.96	2.0	0.40	ug/l	J
100-41-4	Ethylbenzene	58.7	2.0	0.40	ug/l	
1330-20-7	Xylene (total)	3.2	4.0	0.92	ug/l	J
108-20-3	Di-Isopropyl ether	10.3	4.0	0.44	ug/l	
64-17-5	Ethyl Alcohol	ND	200	41	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	4.0	0.44	ug/l	
1634-04-4	Methyl Tert Butyl Ether	5.5	2.0	0.40	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	4.0	0.80	ug/l	
75-65-0	Tert-Butyl Alcohol	7.9	20	4.8	ug/l	J
	TPH-GRO (C6-C10)	1130	100	50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	86%		60-130%
2037-26-5	Toluene-D8	99%		60-130%
460-00-4	4-Bromofluorobenzene	97%		60-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-4B		
Lab Sample ID:	C23609-23	Date Sampled:	09/11/12
Matrix:	AQ - Ground Water	Date Received:	09/13/12
Method:	SW846 8260B	Percent Solids:	n/a
Project:	WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U6495.D	2	09/19/12	YP	n/a	n/a	VU249
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

BTEX, Oxygenates, GRO

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.71	2.0	0.40	ug/l	J
108-88-3	Toluene	ND	2.0	0.40	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.40	ug/l	
1330-20-7	Xylene (total)	ND	4.0	0.92	ug/l	
108-20-3	Di-Isopropyl ether	4.1	4.0	0.44	ug/l	
64-17-5	Ethyl Alcohol	ND	200	41	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	4.0	0.44	ug/l	
1634-04-4	Methyl Tert Butyl Ether	5.4	2.0	0.40	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	4.0	0.80	ug/l	
75-65-0	Tert-Butyl Alcohol	462	20	4.8	ug/l	
	TPH-GRO (C6-C10)	ND	100	50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	90%		60-130%
2037-26-5	Toluene-D8	96%		60-130%
460-00-4	4-Bromofluorobenzene	88%		60-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-4C		
Lab Sample ID:	C23609-24	Date Sampled:	09/11/12
Matrix:	AQ - Ground Water	Date Received:	09/13/12
Method:	SW846 8260B	Percent Solids:	n/a
Project:	WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U6489.D	1	09/19/12	YP	n/a	n/a	VU249
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

BTEX, Oxygenates, GRO

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.46	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.22	ug/l	
64-17-5	Ethyl Alcohol	ND	100	21	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.22	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.40	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	10	2.4	ug/l	
	TPH-GRO (C6-C10)	ND	50	25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		60-130%
2037-26-5	Toluene-D8	94%		60-130%
460-00-4	4-Bromofluorobenzene	92%		60-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Northern California
ACCUTEST
LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

SHELL WIC 3392

WAYNE PERRY, INC - Chain of Custody for Shell Oil Products

LAB (LOCATION)
- ☐ CALSCIENCE ( )
- ☒ ACCUTEST ( )
- ☐ XENCO ( )
- ☐ TEST AMERICA ( )
- ☐ OTHER ( )

Please Check Appropriate Box:
- ☒ ENV. SERVICES
- ☐ MOTIVA RETAIL
- ☐ SHELL RETAIL
- ☐ MOTIVA SO&CM
- ☐ CONSULTANT
- ☐ LUBES
- ☐ SHELL PIPELINE
- ☐ OTHER

Print Bill To:
WAYNE PERRY, INC.
8281 Commonwealth Ave
Buena Park, CA 90621

DATE: 9/11/12
PAGE: 1 of 3

SAMPLING COMPANY: Wayne Perry ,Inc
LOG CODE: WPBP
SITE ADDRESS: Street and City: 20001 Brokhurst St. Huntington Beach
State: CA
GLOBAL ID NO.: T0605900535
ADDRESS: 8281 Commonwealth Ave, Buena Park 90621
EDF DELIVERABLE TO (Name, Company, Office Location): Elisabeth Ortega
PHONE NO.: (714) 826-0352
E-MAIL: EOrtega@WPInc.com
CONSULTANT PROJECT NO.: 11.236
SAMPLING COMPANY PROJECT CONTACT (PDF Reports): For questions contact Mario Milanes
TELEPHONE: (714) 826-0352
FAX: (714) 523-7880
E-MAIL: MMilanes@WPInc.com
SAMPLER NAME(S) (PRINT): Jorge Gonzalez
LAB USE ONLY: C23609

TURNAROUND TIME (CALENDAR DAYS):
- ☒ STANDARD (14 DAY)
- ☐ 5 DAYS
- ☐ 3 DAYS
- ☐ 2 DAYS
- ☐ 24 HOURS
- ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES :
EDF and EDD for GWM site

- ☒ SHELL CONTRACT RATE APPLIES
- ☐ STATE REIMBURSEMENT RATE APPLIES
- ☐ EDD NOT NEEDED
- ☐ RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

TEMPERATURE ON RECEIPT C°: 3.1-1.0=2.1°C

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	LAB 100 TPH-Diesel 8015M	LAB 64TPH-6/BTE/oxygenates/Ethanol 8260B	TPPH/Full scan/oxygenates/ethanol by 8260B	TPPH / BTEX/ oxigenates by 8260B	TPPH/full scan / oxigenates by 8260B	Methane (RSK-175)	Ethanol (8015)	Sulfate / Nitrate	Total Lead	Alkalinity (SM2320B)	Ferrous Iron	Container PID Readings or Laboratory Notes
1	VEW-2	9/11/12	11:44	W	X					3		X										
2	MW-3	9/11/12	11:53	W	X					3		X										
3	B-5Rd	9/11/12	11:57	W	X					3		X										
4	B-10	9/11/12	12:02	W	X					3		X										
5	VEW-4	9/11/12	12:07	W	X					3		X										
6	VEW-5	9/11/12	12:14	W	X					3		X										
7	MW-1	9/11/12	12:21	W	X					3		X										
8	B-2Rd	9/11/12	12:26	W	X					3		X										
9	B-4Rd	9/11/12	12:33	W	X					3		X										
10	B-9	9/11/12	12:40	W	X					3		X										

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
		9-11-12	15:20
		9-12-12	1200
9-12-12 16:00		9-13-12	0840

05/2/06 Revision

IRVINE

C23609: Chain of Custody
Page 1 of 4

ACCUTEST LABORATORIES
C23609

WAYNE PERRY, INC - Chain of Custody for Shell Oil Products

LAB (LOCATION)
- ☐ CALSCIENCE ( )
- ☒ ACCUTEST ( )
- ☐ XENCO ( )
- ☐ TEST AMERICA ( )
- ☐ OTHER ( )

Please Check Appropriate Box:
- ☒ ENV. SERVICES
- ☐ MOTIVA RETAIL
- ☐ SHELL RETAIL
- ☐ MOTIVA SO&CH
- ☐ CONSULTANT
- ☐ LUBES
- ☐ SHELL PIPELINE
- ☐ OTHER

Print Bill To:
WAYNE PERRY, INC.
8281 Commonwealth Ave
Buena Park, CA 90621

DATE: 9/11/12
PAGE: 2 of 3

SAMPLING COMPANY: Wayne Perry ,Inc
LOG CODE: WPBP
SITE ADDRESS: Street and City: 20001 Brokhurst St. Huntington Beach
State: CA
GLOBAL ID NO.: T0605909535
ADDRESS: 8281 Commonwealth Ave, Buena Park 90621
EDF DELIVERABLE TO (Name, Company, Office Location): Elisabeth Ortega
PHONE NO.: (714) 826-0352
E-MAIL: EOrtega@WPInc.com
CONSULTANT PROJECT NO.: 11.236
SAMPLING COMPANY PROJECT CONTACT (PDF Report to): For questions contact Mario Milanes
TELEPHONE: (714) 826-0352
FAX: (714) 523-7880
E-MAIL: MMilanes@WPInc.com
SAMPLER NAME(S) (Print): Jorge Gonzalez
LAB JOB NO.: C23609
TURNAROUND TIME (CALENDAR DAYS): ☒ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND
☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES :
EDF and EDD for GWM site

- ☑ SHELL CONTRACT RATE APPLIES
- ☐ STATE REIMBURSEMENT RATE APPLIES
- ☐ EDD NOT NEEDED
- ☐ RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

TEMPERATURE ON RECEIPT C°

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	LAB 100 TPH-Diesel 8015M	LAB 8470M-8015E/oxygenates/Ethanol 8260B	TPPH/full scan/oxygenates/ethanol by 8260B	TPPH / BTEX/ oxgenates by 8260B	TPPH/full scan / oxigenates by 8260B	Methane (RSK-175)	Ethanol (8015)	Sulfate / Nitrate	Total Lead	Alkalinity (SM2320B)	Ferrous Iron	Container PID Readings or Laboratory Notes
11	B-3Rd	9/11/12	12:48	W	X					3		X										
12	DPE-5	9/11/12	12:53	W	X					3		X										
13	DPE-2	9/11/12	13:00	W	X					3		X										
14	MW-5A	9/11/12	13:06	W	X					3		X										
15	MW-5B	9/11/12	13:11	W	X					3		X										
16	MW-5C	9/11/12	13:16	W	X					3		X										

Relinquished by (Signature)	Received by (Signature)	Date	Time
[signature]	[signature]	9-11-12	15:20
[signature] 9-12-12 1600	[signature]	9-12-12	1200
[signature]	[signature]	9-13-12	0840

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IRVINE

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C23609: Chain of Custody
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ACCUTEST LABORATORIES
C23609

WAYNE PERRY, INC - Chain of Custody for Shell Oil Products

LAB (LOCATION)
- [ ] CALSCIENCE ( )
- [x] ACCUTEST ( )
- [ ] XENCO ( )
- [ ] TEST AMERICA ( )
- [ ] OTHER ( )

Please Check Appropriate Box:
- [x] ENV. SERVICES
- [ ] HOTWA RETAIL
- [ ] SHELL RETAIL
- [ ] HOTWA SD&CH
- [ ] CONSULTANT
- [ ] LUBES
- [ ] SHELL PIPELINE
- [ ] OTHER

Print Bill To:
WAYNE PERRY, INC.
8281 Commonwealth Ave
Buena Park, CA 90621

DATE: 9-11-12
PAGE: 3 of 3

SAMPLING COMPANY: Wayne Perry ,Inc
EDD CODE: WPBP
ADDRESS: 8281 Commonwealth Ave, Buena Park 90621
SAMPLING COMPANY PROJECT CONTACT (PDF Reports): For questions contact Mario Milanes
TELEPHONE: (714) 828-0352
FAX: (714) 523-7880
E-MAIL: MMilanes@WPInc.com

SITE ADDRESS: Street and City: 20001 Brokhurst St. Huntington Beach
State: CA
GLOBAL ID NO.: T0605960535
EDF DELIVERABLE TO (Name, Company, Office Location): Elisabeth Ortega
PHONE NO.: (714) 828-0352
E-MAIL: EOrtega@WPInc.com
CONSULTANT PROJECT NO.: 11.236
SAMPLER NAME(S)(Print): Jose Contreras
ACCUTEST JOB NO.: C23609

TURNAROUND TIME (CALENDAR DAYS):
- [x] STANDARD (14 DAY)
- [ ] 5 DAYS
- [ ] 3 DAYS
- [ ] 2 DAYS
- [ ] 24 HOURS
- [ ] RESULTS NEEDED ON WEEKEND

- [ ] LA - RWQCB REPORT FORMAT
- [ ] UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES :
EDF and EDD for GWM site

- [x] SHELL CONTRACT RATE APPLIES
- [ ] STATE REIMBURSEMENT RATE APPLIES
- [ ] EDD NOT NEEDED
- [ ] RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	LAB 100 TPH-Diesel 8015M	LAB 8470H-OXYS(oxygenates/Ethanol 8260B	TPPH/Full scan(oxygenates/ethanol by 8260B	TPPH / BTEX/ oxigenates by 8260B	TPPH/full scan / oxigenates by 8260B	Methane (RSK-175)	Ethanol (8015)	Sulfate / Nitrate	Total Lead	Alkalinity (SM2320B)	Ferrous Iron	TEMPERATURE ON RECEIPT C°	Container PID Readings or Laboratory Notes
17	MW-2	9/11/12	09:52	W	X					3		X											
18	B-8		10:50		X					3		X											
19	B-12		13:00		X					3		X											
20	B-11		13:05		X					3		X											
21	B-13		13:10		X					3		X											
22	MW-4A		13:15		X					3		X											
23	MW-4B		13:20		X					3		X											
24	MW-4C		13:25		X					3		X											

Relinquished by (Signature)	Received by (Signature)	Date	Time
[signature]	[signature]	9-11-12	15:20
[signature]	[signature]	9-12-12	1200
[signature] 9-12-12 600	[signature]	09-13-12	0840

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C23609: Chain of Custody
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ACCUTEST LABORATORIES

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: C23609 **Client:** SHELL OIL **Project:** 20001 BROOKHURST ST.

Date / Time Received: 9/13/2012 **Delivery Method:** FedEx **Airbill #'s:**

Cooler Temps (Initial/Adjusted):

Cooler Security	Y	or N		Y	or N
1. Custody Seals Present:	☐	☑	3. COC Present:	☑	☐
2. Custody Seals Intact:	☐	☐	4. Smpl Dates/Time OK	☑	☐

Cooler Temperature	Y	or N
1. Temp criteria achieved:	☑	☐
2. Cooler temp verification:	2.1	
3. Cooler media:	Ice (bag)	
4. No. Coolers:	1	

Quality Control Preservation	Y	or N	N/A
1. Trip Blank present / cooler:	☐	☑	☐
2. Trip Blank listed on COC:	☐	☐	☑
3. Samples preserved properly:	☑	☐	
4. VOCs headspace free:	☑	☐	☐

Sample Integrity - Documentation	Y	or N
1. Sample labels present on bottles:	☑	☐
2. Container labeling complete:	☑	☐
3. Sample container label / COC agree:	☑	☐

Sample Integrity - Condition	Y	or N
1. Sample recvd within HT:	☑	☐
2. All containers accounted for:	☑	☐
3. Condition of sample:	Intact	

Sample Integrity - Instructions	Y	or N	N/A
1. Analysis requested is clear:	☑	☐	
2. Bottles received for unspecified tests	☐	☑	
3. Sufficient volume recvd for analysis:	☑	☐	
4. Compositing instructions clear:	☐	☐	☑
5. Filtering instructions clear:	☐	☐	☑

Comments 3-vials each w/HCL

Accutest Laboratories
V:408.588.0200

2105 Lundy Avenue
F: 408.588.0201

San Jose, CA 95131
www/accutest.com

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C23609: Chain of Custody
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Northern California
ACCUTEST
LABORATORIES

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: C23609
Account: SHELLWIC Shell Oil Company
Project: WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VQ407-MB	Q10554.D	1	09/18/12	TN	n/a	n/a	VQ407

The QC reported here applies to the following samples: **Method:** SW846 8260B

C23609-1, C23609-2, C23609-3, C23609-4, C23609-5, C23609-6, C23609-7, C23609-8, C23609-9, C23609-10, C23609-11, C23609-12, C23609-13, C23609-14, C23609-15

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.22	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
64-17-5	Ethyl Alcohol	ND	100	21	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.22	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.40	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	10	2.4	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.46	ug/l	
	TPH-GRO (C6-C10)	ND	50	25	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	96%	60-130%
2037-26-5	Toluene-D8	108%	60-130%
460-00-4	4-Bromofluorobenzene	101%	60-130%

Method Blank Summary

Job Number: C23609
Account: SHELLWIC Shell Oil Company
Project: WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VU249-MB	U6482.D	1	09/19/12	YP	n/a	n/a	VU249

The QC reported here applies to the following samples: Method: SW846 8260B

C23609-16, C23609-17, C23609-18, C23609-20, C23609-21, C23609-22, C23609-23, C23609-24

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.22	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
64-17-5	Ethyl Alcohol	ND	100	21	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.22	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.40	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	10	2.4	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.46	ug/l	
	TPH-GRO (C6-C10)	ND	50	25	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	94%	60-130%
2037-26-5	Toluene-D8	97%	60-130%
460-00-4	4-Bromofluorobenzene	90%	60-130%

Method Blank Summary

Job Number: C23609
Account: SHELLWIC Shell Oil Company
Project: WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VW1169-MB	W33592.D	1	09/20/12	KN	n/a	n/a	VW1169

The QC reported here applies to the following samples: Method: SW846 8260B

C23609-19

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.22	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
64-17-5	Ethyl Alcohol	ND	100	21	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.22	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.40	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	10	2.4	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.46	ug/l	
	TPH-GRO (C6-C10)	ND	50	25	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	100%	60-130%
2037-26-5	Toluene-D8	102%	60-130%
460-00-4	4-Bromofluorobenzene	98%	60-130%

Blank Spike/Blank Spike Duplicate Summary

Job Number: C23609
Account: SHELLWIC Shell Oil Company
Project: WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VQ407-BS	Q10551.D	1	09/18/12	TN	n/a	n/a	VQ407
VQ407-BSD	Q10552.D	1	09/18/12	TN	n/a	n/a	VQ407

The QC reported here applies to the following samples: Method: SW846 8260B

C23609-1, C23609-2, C23609-3, C23609-4, C23609-5, C23609-6, C23609-7, C23609-8, C23609-9, C23609-10, C23609-11, C23609-12, C23609-13, C23609-14, C23609-15

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	20	21.7	109	21.7	109	0	60-130/30
108-20-3	Di-Isopropyl ether	20	21.0	105	20.2	101	4	60-130/30
100-41-4	Ethylbenzene	20	21.6	108	21.5	108	0	60-130/30
64-17-5	Ethyl Alcohol	400	402	101	452	113	12	60-130/30
637-92-3	Ethyl Tert Butyl Ether	20	22.2	111	21.3	107	4	60-130/30
1634-04-4	Methyl Tert Butyl Ether	20	20.6	103	19.8	99	4	60-130/30
994-05-8	Tert-Amyl Methyl Ether	20	21.3	107	20.4	102	4	60-130/30
75-65-0	Tert-Butyl Alcohol	100	98.4	98	103	103	5	60-130/30
108-88-3	Toluene	20	22.3	112	22.1	111	1	60-130/30
1330-20-7	Xylene (total)	60	66.6	111	66.1	110	1	60-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	103%	101%	60-130%
2037-26-5	Toluene-D8	108%	108%	60-130%
460-00-4	4-Bromofluorobenzene	103%	103%	60-130%

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: C23609
Account: SHELLWIC Shell Oil Company
Project: WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VU249-BS	U6479.D	1	09/19/12	YP	n/a	n/a	VU249
VU249-BSD	U6480.D	1	09/19/12	YP	n/a	n/a	VU249

The QC reported here applies to the following samples: Method: SW846 8260B

C23609-16, C23609-17, C23609-18, C23609-20, C23609-21, C23609-22, C23609-23, C23609-24

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	20	19.2	96	19.4	97	1	60-130/30
108-20-3	Di-Isopropyl ether	20	17.9	90	17.6	88	2	60-130/30
100-41-4	Ethylbenzene	20	20.2	101	20.7	104	2	60-130/30
64-17-5	Ethyl Alcohol	400	291	73	277	69	5	60-130/30
637-92-3	Ethyl Tert Butyl Ether	20	20.1	101	19.9	100	1	60-130/30
1634-04-4	Methyl Tert Butyl Ether	20	18.9	95	18.7	94	1	60-130/30
994-05-8	Tert-Amyl Methyl Ether	20	19.7	99	19.4	97	2	60-130/30
75-65-0	Tert-Butyl Alcohol	100	74.5	75	70.8	71	5	60-130/30
108-88-3	Toluene	20	20.0	100	20.5	103	2	60-130/30
1330-20-7	Xylene (total)	60	62.6	104	63.9	107	2	60-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	90%	89%	60-130%
2037-26-5	Toluene-D8	98%	98%	60-130%
460-00-4	4-Bromofluorobenzene	99%	100%	60-130%

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: C23609
Account: SHELLWIC Shell Oil Company
Project: WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VW1169-BS	W33589.D	1	09/20/12	KN	n/a	n/a	VW1169
VW1169-BSD	W33590.D	1	09/20/12	KN	n/a	n/a	VW1169

The QC reported here applies to the following samples: Method: SW846 8260B

C23609-19

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	20	19.8	99	20.5	103	3	60-130/30
108-20-3	Di-Isopropyl ether	20	19.6	98	19.9	100	2	60-130/30
100-41-4	Ethylbenzene	20	20.1	101	20.1	101	0	60-130/30
64-17-5	Ethyl Alcohol	400	364	91	364	91	0	60-130/30
637-92-3	Ethyl Tert Butyl Ether	20	21.2	106	21.4	107	1	60-130/30
1634-04-4	Methyl Tert Butyl Ether	20	20.8	104	20.6	103	1	60-130/30
994-05-8	Tert-Amyl Methyl Ether	20	20.1	101	20.3	102	1	60-130/30
75-65-0	Tert-Butyl Alcohol	100	105	105	102	102	3	60-130/30
108-88-3	Toluene	20	20.0	100	20.2	101	1	60-130/30
1330-20-7	Xylene (total)	60	59.5	99	60.0	100	1	60-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	103%	101%	60-130%
2037-26-5	Toluene-D8	101%	102%	60-130%
460-00-4	4-Bromofluorobenzene	103%	100%	60-130%

* = Outside of Control Limits.

Laboratory Control Sample Summary

Job Number: C23609
Account: SHELLWIC Shell Oil Company
Project: WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VQ407-LCS	Q10553.D	1	09/18/12	TN	n/a	n/a	VQ407

The QC reported here applies to the following samples: Method: SW846 8260B

C23609-1, C23609-2, C23609-3, C23609-4, C23609-5, C23609-6, C23609-7, C23609-8, C23609-9, C23609-10, C23609-11, C23609-12, C23609-13, C23609-14, C23609-15

CAS No.	Compound	Spike ug/l	LCS ug/l	LCS %	Limits
	TPH-GRO (C6-C10)	125	126	101	60-130

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	99%	60-130%
2037-26-5	Toluene-D8	108%	60-130%
460-00-4	4-Bromofluorobenzene	101%	60-130%

* = Outside of Control Limits.

Laboratory Control Sample Summary

Job Number: C23609
Account: SHELLWIC Shell Oil Company
Project: WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VU249-LCS	U6481.D	1	09/19/12	YP	n/a	n/a	VU249

The QC reported here applies to the following samples: Method: SW846 8260B

C23609-16, C23609-17, C23609-18, C23609-20, C23609-21, C23609-22, C23609-23, C23609-24

CAS No.	Compound	Spike ug/l	LCS ug/l	LCS %	Limits
	TPH-GRO (C6-C10)	125	112	90	60-130

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	88%	60-130%
2037-26-5	Toluene-D8	99%	60-130%
460-00-4	4-Bromofluorobenzene	93%	60-130%

* = Outside of Control Limits.

Laboratory Control Sample Summary

Job Number: C23609
Account: SHELLWIC Shell Oil Company
Project: WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VW1169-LCS	W33591.D	1	09/20/12	KN	n/a	n/a	VW1169

The QC reported here applies to the following samples: Method: SW846 8260B

C23609-19

CAS No.	Compound	Spike ug/l	LCS ug/l	LCS %	Limits
	TPH-GRO (C6-C10)	125	134	107	60-130

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	98%	60-130%
2037-26-5	Toluene-D8	102%	60-130%
460-00-4	4-Bromofluorobenzene	100%	60-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C23609
Account: SHELLWIC Shell Oil Company
Project: WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C23609-13MS	Q10570.D	100	09/18/12	TN	n/a	n/a	VQ407
C23609-13MSD	Q10571.D	100	09/18/12	TN	n/a	n/a	VQ407
C23609-13	Q10565.D	100	09/18/12	TN	n/a	n/a	VQ407

The QC reported here applies to the following samples: Method: SW846 8260B

C23609-1, C23609-2, C23609-3, C23609-4, C23609-5, C23609-6, C23609-7, C23609-8, C23609-9, C23609-10, C23609-11, C23609-12, C23609-13, C23609-14, C23609-15

CAS No.	Compound	C23609-13 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	7920		2000	9920	100	9890	99	0	60-130/25
108-20-3	Di-Isopropyl ether	25.0	J	2000	1940	96	1960	97	1	60-130/25
100-41-4	Ethylbenzene	2480		2000	4500	101	4310	92	4	60-130/25
64-17-5	Ethyl Alcohol	ND		40000	39400	99	39400	99	0	60-130/25
637-92-3	Ethyl Tert Butyl Ether	ND		2000	2020	101	2040	102	1	60-130/25
1634-04-4	Methyl Tert Butyl Ether	ND		2000	1870	94	1890	95	1	60-130/25
994-05-8	Tert-Amyl Methyl Ether	ND		2000	1910	96	1930	97	1	60-130/25
75-65-0	Tert-Butyl Alcohol	ND		10000	9530	95	9330	93	2	60-130/25
108-88-3	Toluene	7990		2000	10100	106	9790	90	3	60-130/25
1330-20-7	Xylene (total)	11200		6000	17600	107	16900	95	4	60-130/25

CAS No.	Surrogate Recoveries	MS	MSD	C23609-13	Limits
1868-53-7	Dibromofluoromethane	106%	107%	104%	60-130%
2037-26-5	Toluene-D8	109%	107%	108%	60-130%
460-00-4	4-Bromofluorobenzene	105%	103%	103%	60-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C23609
Account: SHELLWIC Shell Oil Company
Project: WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C23609-16MS	U6499.D	1	09/19/12	YP	n/a	n/a	VU249
C23609-16MSD	U6500.D	1	09/19/12	YP	n/a	n/a	VU249
C23609-16	U6483.D	1	09/19/12	YP	n/a	n/a	VU249

The QC reported here applies to the following samples: Method: SW846 8260B

C23609-16, C23609-17, C23609-18, C23609-20, C23609-21, C23609-22, C23609-23, C23609-24

CAS No.	Compound	C23609-16 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		20	17.6	88	17.9	90	2	60-130/25
108-20-3	Di-Isopropyl ether	ND		20	15.3	77	15.5	78	1	60-130/25
100-41-4	Ethylbenzene	0.39	J	20	18.6	91	18.5	91	1	60-130/25
64-17-5	Ethyl Alcohol	ND		400	218	55* [a]	233	58* [a]	7	60-130/25
637-92-3	Ethyl Tert Butyl Ether	ND		20	17.1	86	17.3	87	1	60-130/25
1634-04-4	Methyl Tert Butyl Ether	1.2		20	17.3	81	17.5	82	1	60-130/25
994-05-8	Tert-Amyl Methyl Ether	ND		20	16.8	84	17.2	86	2	60-130/25
75-65-0	Tert-Butyl Alcohol	ND		100	70.3	70	64.5	65	9	60-130/25
108-88-3	Toluene	0.21	J	20	18.4	91	18.3	90	1	60-130/25
1330-20-7	Xylene (total)	0.75	J	60	54.6	90	54.2	89	1	60-130/25

CAS No.	Surrogate Recoveries	MS	MSD	C23609-16	Limits
1868-53-7	Dibromofluoromethane	89%	86%	96%	60-130%
2037-26-5	Toluene-D8	96%	93%	95%	60-130%
460-00-4	4-Bromofluorobenzene	98%	95%	89%	60-130%

(a) Outside laboratory control limits.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C23609
Account: SHELLWIC Shell Oil Company
Project: WAYPCABP:T0605900535-20001 Brookhurst St,Huntington Beach,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C23715-1MS	W33596.D	1	09/20/12	KN	n/a	n/a	VW1169
C23715-1MSD	W33597.D	1	09/20/12	KN	n/a	n/a	VW1169
C23715-1	W33593.D	1	09/20/12	KN	n/a	n/a	VW1169

The QC reported here applies to the following samples: Method: SW846 8260B

C23609-19

CAS No.	Compound	C23715-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		20	19.8	99	20.5	103	3	60-130/25
108-20-3	Di-Isopropyl ether	ND		20	20.0	100	20.1	101	0	60-130/25
100-41-4	Ethylbenzene	ND		20	19.8	99	20.1	101	2	60-130/25
64-17-5	Ethyl Alcohol	ND		400	317	79	344	86	8	60-130/25
637-92-3	Ethyl Tert Butyl Ether	ND		20	22.5	113	22.3	112	1	60-130/25
1634-04-4	Methyl Tert Butyl Ether	ND		20	21.8	109	21.6	108	1	60-130/25
994-05-8	Tert-Amyl Methyl Ether	ND		20	21.2	106	21.1	106	0	60-130/25
75-65-0	Tert-Butyl Alcohol	ND		100	104	104	108	108	4	60-130/25
108-88-3	Toluene	ND		20	19.7	99	20.0	100	2	60-130/25
1330-20-7	Xylene (total)	ND		60	59.0	98	59.5	99	1	60-130/25

CAS No.	Surrogate Recoveries	MS	MSD	C23715-1	Limits
1868-53-7	Dibromofluoromethane	106%	106%	101%	60-130%
2037-26-5	Toluene-D8	100%	101%	100%	60-130%
460-00-4	4-Bromofluorobenzene	105%	104%	101%	60-130%

* = Outside of Control Limits.

APPENDIX C

Site History

SITE HISTORY

Date	Activity/ Method	No. of Wells, Borings or Samples	Report Date	Consultant /Agency	Comments
12/88	Underground storage tank (UST) replacement investigation	7 soil borings (SBA-1 to SBA-7)	3/7/89	Hunter/Gregg	Petroleum hydrocarbons (HCs) were detected in soil samples collected at depths of 5 and/or 10 feet in four borings.
1/90 to 2/90	UST removal and installation	4 hand-augured borings (HA-D1 to HA-D4)	5/7/90	Environmental Science and Engineering (ESE)	Three steel USTs were removed and replaced with double-walled fiberglass USTs. HCs were detected in the soil samples, except HA-D1.
5/90	Initial site characterization	7 groundwater (GW) wells (B-1 to B-7)	8/10/90	ESE	HCs were detected in soil samples collected at depths of 5 and/or 10 feet in five borings.
5/90 to present	GW monitoring	Various	Various	Various	HCs were detected in GW samples collected during quarterly monitoring.
1/92	Additional site assessment	2 off-site GW wells (B-8 and B-9)	2/1/92	ESE	HCs were only in the 10-foot soil sample from Boring B-8. HCs were later detected in GW samples collected from these wells.
10/92 to 1/93	Additional site assessment	4 cone penetrometer test holes (CPTs) and 1 GW well (VEW-1)	—	ESE	—
2/93 to 3/93	Soil vapor extraction (SVE) and air sparging testing	—	—	ESE	Recommended SVE.
8/93	Well abandonment and replacement	6 wells abandoned; 11 wells installed	10/15/93	ESE	—
6/95 to 8/98	SVE installation and operation	—	Various	Various	Approximately 1,117 gallons of HCs were recovered.
12/96	Additional site assessment	1 GW well (B-10)	1/31/97	ESE	HCs were detected in the 10-foot soil sample.
10/97 to 11/97	1998 EPA USTcompliance upgrade	—	—	—	USTs, dispensers, and piping were upgraded to agency standards.
6/99	Work plan	—	—	WPI	Proposed borings to further define site conditions.

Date	Activity/ Method	No. of Wells, Borings or Samples	Report Date	Consultant /Agency	Comments
8/99	Additional site assessment	9 soil borings	11/2/99	WPI	Soil samples were collected from the saturated zone to determine the extent of non-aqueous phase liquid (NAPL) HCs beneath the Shell site. NAPL HCs were detected only in Borings GP-4 and GP-5 at depths of approximately 5 feet below the groundwater table.
6/00	Site conceptual model	—	6/12/00	WPI	Summary of site conditions.
6/00	Interim remedial action plan	—	6/23/00	WPI	Proposed DPE to remediate conditions at the site.
3/01	Addendum to IRAP and work plan for additional assessment	—	3/12/01	WPI	Modified DPE system installation to included 2 additional DPE wells. Proposed three wells to be installed off-site in the street.
3/01	Additional site assessment	3 groundwater wells and 5 DPE wells	4/30/01	WPI	Five DPE wells were installed and a DPE test was conducted. Additionally, three off-site wells were installed in Brookhurst Street.
10/01 to 7/10	Groundwater treatment	—	—	WPI	Groundwater treatment was initiated October 2, 2001.
5/02 to 8/04	Soil vapor extraction	—	—	WPI	Soil vapor extraction was initiated May 7, 2002.
9/02	Well re-development	—	—	WPI	Wells were re-developed due to silt accumulating in the groundwater treatment system.
10/02	Product piping and dispenser island upgrade	—	1/06/03	WPI	Product lines and dispenser islands were upgraded for SB989 compliance.
8/04	Soil Vapor Extraction System Shutdown	—		WPI	Soil vapor extraction system shut down 8/9/04. 29,410 pounds removed during 15,720 hours of operation.
8/05	Phase II Site Assessment	SB-1 through SB-9	9/15/05	WPI	
8/05	Well Abandonment	VEW-1 & B-6RD	10/28/05	WPI	
11/06	Phase II Site Assessment	DP-1 through DP-8 and Hoists 1, 2, and 3	12/15/06	WPI	TPH-G, benzene, and TBA were detected in soil samples. The highest concentrations were detected at approximately 10 feet.
3/07	Work Plan for Additional Site Assessment		3/2/07	WPI	WPI proposed the installation of two monitoring wells as requested by the OCHCA.
4/07	Agency Correspondence				The OCHCA approved the work plan on April 24, 2007.

Date	Activity/ Method	No. of Wells, Borings or Samples	Report Date	Consultant /Agency	Comments
6/07 and 10/07	Well Installation	2 wells (MW-1 and MW-2)	12/21/07	WPI	TPH-G, BTEX, and oxygenates were not detected in soil samples. TPH-G was detected in the groundwater sample collected from MW-2 (180 µg/L). MTBE was detected in MW-1 (2.2 µg/L) and MW-2 (1.0 µg/L).
7/2/09	Well Installation	1 Well (MW-3)	9/22/09	WPI	Data indicates benzene, MTBE, and TBA are adequately defined down gradient of the site.
6/10	Remediation system shutdown request	_	6/15/10	WPI	WPI requested groundwater system shutdown based on low hydrocarbon removal rate.
7/10	Agency Correspondence	_	7/15/10	OCHCA	OCHCA approves shutdown of the groundwater treatment system.
7/10	Groundwater system shutdown	_	_	WPI	System shutdown. A total of 2,752,478 gallons of water were treated and 1.7 gallons of hydrocarbons removed from October 2, 2001 through July 21, 2010.
8/11	Site closure request	—	8/9/11	WPI	Data indicate remaining residual hydrocarbons have been reduced to concentrations that do not pose an unacceptable risk to either the environment or human health. Data indicate the remaining residual hydrocarbons will decay over a period of approximately 14 to 38 years. The site meets the Santa Ana CRWQCB low risk criteria for closure. Closure was requested.
9/11	Agency Correspondence	—	9/9/11	—	Email from OCHCA cited concerns that need to be addressed prior site closure and approved semi-annual sampling for the cite during first and third quarters.
9/11	Correspondence	—	9/14/11	WPI	WPI submitted a written request to sample semi-annually as previously approved in OCHCA email dated 9/9/11.
9/11	Agency response	—	9/14/11	—	OCHCA requested additional data prior to considering the site for closure which included a request for a site assessment work plan to drill and sample confirmation borings.
9/11	Work plan	—	10/7/11	WPI	WPI proposed five confirmation borings to evaluate remaining residual hydrocarbons in the soil.

Date	Activity/ Method	No. of Wells, Borings or Samples	Report Date	Consultant /Agency	Comments
10/11	Agency Correspondence	_	10/24/11	OCHCA	OCHCA conditionally approved the work plan and requested three additional soil borings.
11/11	Site assessment	8 borings (CB-1 through CB-8)	12/12/11	WPI	Analytical data from confirmation borings indicate concentrations of fuel hydrocarbons have been reduced from maximum concentrations detected prior to remedial efforts indicating that remedial efforts have reduced the mass of residual hydrocarbons at the site. A closure request submittal was recommended.
1/12/12	Correspondence	__	1/12/12	OCHCA	OCHCA requested a work plan for depth discrete sampling near CB-3 to CB-5 and completion of a soil vapor survey.
1/12	Work Plan	__	1/25/12	WPI	Proposed obtaining soil vapor samples at five locations and depth discrete groundwater samples at two locations.
2/12	Correspondence	__	2/10/12	OCHCA	OCHCA conditionally approved the work plan.
4/12	Additional Site Assessment Report and Work Plan for Additional Site Assessment	2 hydropunch clusters (HP-1 & HP-2) and 5 vapor samples (SVS-1 through SVS-5)	4/23/12	WPI	Results of the Soil Vapor Intrusion evaluation found that the cumulative excess cancer risk calculated for commercial occupancy exceeded the regulatory threshold value. Subsequently, WPI proposed the advancement and sampling of fourteen soil borings and three depth discrete groundwater monitoring wells (in cluster) to further define impacts.
5/12	Agency Correspondence	--	5/24/12	OCHCA	OCHCA requested a revised work plan for an additional well cluster and depth discrete groundwater sampling at 30 feet.
5/12	Revised Work Plan	--	5/31/12	WPI	A total of two depth discrete well clusters, three depth discrete hydropunch sample clusters and 14 soil borings were proposed.
6/12	Agency Correspondence	--	6/6/12	OCHCA	OCHCA conditionally approved the revised work plan.

Date	Activity/ Method	No. of Wells, Borings or Samples	Report Date	Consultant /Agency	Comments
8/12	Additional Site Assessment Report and Corrective Action Plan	14 soil borings (GP-10 to GP-23), 3 hydropunch borings (HP-3 to HP-5), and 6 wells (MW-4A/B/C and MW-5A/B/C)	8/3/12	WPI	Results indicate the highest concentrations of BTEX were confined to areas near the product dispenser islands. Limited remedial excavation in the product dispenser islands and abandonment of several wells to accommodate redevelopment activities was proposed.
9/12	UST Removal	17 soil samples	9/20/12	Partner Engineering & Science	Petroleum fuel hydrocarbon concentrations detected in the excavation confirmation soil were below the Huntington Beach Fire Department's soil screening levels of 1,000 mg/kg for TPH and 10 mg/kg for BTEX.

WAYNE PERRY, INC.

Environmental Remediation, Construction and Consulting

October 30, 2012

Orange County Health Care Agency
Environmental Health Division
Hazardous Materials Management Section
1241 East Dyer Road, Suite 120
Santa Ana, California 92705-5611

Attention: Ms. Tamara Escobedo

SUBJECT: REMEDIAL EXCAVATION REPORT
SHELL-BRANDED SERVICE STATION
20001 BROOKHURST STREET (at Adams Avenue)
HUNTINGTON BEACH, CALIFORNIA
AGENCY FILE: 89UT167
SAP CODE: 135372
WPI No. 11.236

Dear Ms. Escobedo:

On behalf of Equilon Enterprises LLC dba Shell Oil Products US (Shell), Wayne Perry, Inc. is submitting this report for the above referenced site. If you have any questions, please call Ms. Erica Rodriguez of WPI at (714) 826-0352 or Ms. Andrea Wing of Shell at (714) 731-1050.

Respectfully submitted
Wayne Perry, Inc.

Kristine Dyck
Project Scientist

cc: Ms. Andrea Wing, Shell Oil Products US
Adhurst LLC
Mr. Andrew Brack, Frontier (electronic)
Mr. Joe Morelli, Huntington Beach Fire Department (electronic)

1433 North 3rd Avenue Phoenix, Arizona 85003 Phone (602) 254-1801 Fax (602) 254-1831

REMEDIAL EXCAVATION REPORT

FORMER SHELL SERVICE STATION
20001 Brookhurst Street (at Adams Avenue)
Huntington Beach, California

October 30, 2012

SUBMITTED TO:

ORANGE COUNTY HEALTH CARE AGENCY
1241 East Dyer Road – Suite 120
Santa Ana, California 92705-5511
Attention: Ms. Tamara Escobedo

PREPARED FOR:

EQUILON ENTERPRISES LLC dba
SHELL OIL PRODUCTS US
20945 S. Wilmington Avenue
Carson, California 90810

PREPARED BY:

WAYNE PERRY, INC.
8281 Commonwealth Avenue
Buena Park, California 90621
(714) 826-0352

OCHCA CASE NO: 89UT167
WPI PROJECT NO: 11.236
SHELL SAP NO.: 135372

WARRANTY STATEMENT:

This report has been prepared by Wayne Perry, Inc. for the exclusive use of Equilon Enterprises LLC dba Shell Oil Products US, as it pertains to the former Shell service station located at 20001 Brookhurst Street (at Adams Avenue) in Huntington Beach, California. Our professional services have been performed using that degree of care and skill ordinarily exercised under similar circumstances by other geologists, hydrogeologists, and engineers practicing in this field. No other warranty, express or implied, is made as to the professional advice in this additional assessment.

REPORT PREPARED BY:

Kristine Dyck
Project Scientist

Eric D. Floyd
California Professional Geologist 7520

October 30, 2012

WPI Project No. 11.236

cc: Ms. Andrea Wing, Shell Oil Products US
Adhurst LLC
Mr. Andrew Brack, Frontier (electronic)
Mr. Joe Morelli, Huntington Beach Fire Department (electronic)

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1.0 INTRODUCTION

Remedial activities have been in progress at 20001 Brookhurst Street in the City of Huntington Beach, California (herein referred to as the "Site") for a number of years. The Site location is shown on Figure 1, and it is currently occupied by a Shell-branded gasoline station. In early 2012, it was learned that the Site was going to be redeveloped, and that its usage would change from gasoline station to commercial. Because of the disparity between hydrocarbon concentrations in soil and groundwater, and in consideration of the changing Site use, the Orange County Local Oversight Program (OCLOP) required a soil vapor intrusion health risk assessment. Results from the health risk assessment (conducted in March 2012) determined that the cumulative excess cancer risk exceeded the OCLOP threshold value of 1×10^{-6} (due to the magnitude of vapor phase contaminants detected in the sample from SVS-3). Because the Site was scheduled for redevelopment, it was recommended that a limited remedial excavation be performed during the UST removal activities. This report, being submitted by Wayne Perry, Inc. (WPI) on behalf of Shell Oil Products US (Shell) documents the procedures and results of the excavation activities.

2.0 BACKGROUND

2.1 SITE DESCRIPTION

The Site is located at the southwest corner of the Adams Avenue and Brookhurst Street intersection in Huntington Beach, California (Figure 1). It is currently occupied by a Shell-branded gasoline station. The station fueling system includes three 12,000-gallon double-walled fiberglass underground storage tanks (USTs) containing gasoline, one 550-gallon single-walled fiberglass UST containing used oil and four dispenser islands. The station building includes three automotive service bays. Main features of the Site are shown on Figure 2A.

It is our understanding that one of the UST's had to be taken out of service. Based on communication with the Orange County Health Care Agency (OCHCA) inspector for the Site, the station owner applied for a temporary closure permit in January 2012. WPI attempted to conduct a file review at OCHCA office on February 15, 2012 to determine why the UST we removed from service. However, the inspection records had not been filed for public review.

Retail gasoline activities have now been discontinued and the Site will be redeveloped as a bank. The proposed redevelopment is shown on Figure 3.

The surrounding land use is commercial. Neighboring businesses at the intersection include banks to the north, south, and east, and a parking lot to the west. A Starbucks coffee shop is located to the northeast.

Prior to redevelopment, Chevron gasoline station 9-8721 was located north of the Site. The former Chevron station is an open environmental case (91UT079) with the OCHCA.

2.2 SITE HISTORY

Date	Activity/Method	No. of Wells, Borings or Samples	Report Date	Consultant	Comments
12/88	Initial Investigation	7 soil borings (SBA-1 to SBA-7)	3/7/89	Hunter/Gregg	Total petroleum hydrocarbons as gasoline (TPH-G) were detected in soil samples from SBA-3 through SBA-6.
1/90 to 2/90	UST Removal and Installation	45 Soil samples	5/7/90	Environmental Science and Engineering (ESE)	One 10,000-gallon and two 8,000-gallon single-walled steel USTs were removed and replaced. Approximately 575 cubic yards of soil containing petroleum fuel hydrocarbons were excavated and transported to a Class I landfill.
5/90	Initial Site Characterization	7 groundwater monitoring wells (B-1 to B-7)	8/10/90	ESE	TPH-G was detected in samples collected from B-2, B-3, B-5, and B-6 to a maximum depth of 10 feet. Dissolved phase petroleum fuel hydrocarbons were detected in groundwater samples collected from all of the wells.
5/90 to present	Groundwater Monitoring	Various	Various	Various	—
1/92	Additional Site Assessment	2 off-Site groundwater monitoring wells (B-8 and B-9)	2/1/92	ESE	TPH-G was only detected in the 10 foot sample from B-8. Dissolved phase petroleum fuel hydrocarbons were detected in groundwater samples collected from the new wells.
2/93 to 3/93	Soil Vapor Extraction (SVE) and Air Sparge Test	—	—	ESE	Installation of a SVE system was recommended.
8/93	Well Abandonment and Replacement	5 groundwater monitoring wells abandoned (B-2 through B-6); 11 groundwater monitoring wells installed (B-2RD through B-6RD and VEW-1 through VEW-6)	10/15/93	ESE	Samples were not collected for soil analyses.
6/95 to 8/98	SVE System Operation	—	Various	Various	Approximately 6,925 pounds of vapor phase hydrocarbons were recovered.
12/96	Additional Site Assessment	1 groundwater monitoring well (B-10)	1/31/97	ESE	TPH-G was detected in the 10-foot soil sample. Dissolved phase TPH-G and benzene, toluene, ethylbenzene and xylenes (BTEX) were detected in the groundwater sample collected.

Date	Activity/Method	No. of Wells, Borings or Samples	Report Date	Consultant	Comments
7/97	Placement of Oxygen Release Compound (ORC®) in Wells	—	—	WPI	During the third quarter of 1997, ORC® socks were placed in wells VEW-2, VEW-3, VEW-5 and B-2RD. On June 9, 1998, the ORC® was replaced in wells VEW-2, VEW-5, and B-2RD. The ORC® was removed from the wells during the fourth quarter of 1999.
10/97 to 11/97	1998 EPA UST Compliance Upgrade	—	—	—	USTs, dispensers, and piping were upgraded to agency standards.
6/99	Additional Site Assessment Work Plan	—	—	WPI	WPI proposed 10 borings to further define the extent of petroleum fuel hydrocarbons beneath the Site.
8/99	Additional Site Assessment	9 soil borings (GP-1 through GP-9)	11/2/99	WPI	NAPL was detected in samples from borings GP-4 and GP-5 at a depth of approximately 10 feet. Groundwater samples were not collected.
6/00	Interim Remedial Action Plan (IRAP)	—	6/23/00	WPI	WPI proposed dual phase extraction (DPE).
3/01	Addendum to IRAP and Work Plan for Additional Assessment	—	3/12/01	WPI	WPI proposed installation of three off-Site monitoring wells to further define the extent of impacted groundwater and five DPE wells.
3/01	Additional Site Assessment	3 groundwater monitoring wells (B-11 through B-13) and 5 DPE wells (DPE-1 through DPE-5)	4/30/01	WPI	Petroleum hydrocarbons were detected at depths of 9 and 10 feet south of the Site. Results from the DPE test indicated that DPE would be an effective form of remediation at the Site.
10/01	Groundwater Extraction System Activated	—	—	WPI	—
5/02 - 8/04	SVE System Re-Start	—	—	WPI	The system operated from May 2002 through August 2004. During 15,720 hours of system operation, approximately 29,410 pounds of vapor phase hydrocarbons were recovered.
10/02	Product Piping and Dispenser Island Upgrade	Soil samples	1/06/03	WPI	Product lines and dispenser islands were upgraded for SB989 compliance.
8/05	Phase II Site Assessment	9 borings (SB-1 through SB-9)	9/15/05	WPI	TPH-G, benzene, methyl tertiary butyl ether (MTBE), and tertiary butyl alcohol (TBA) were detected in soil samples collected from borings SB-1 through SB-4 and SB-6 through SB-8 to depths of 20 feet.
8/05	Well Abandonment	2 wells (VEW-1 & B-6RD)	10/28/05	WPI	Due to street construction on Adams Avenue, wells VEW-1 and B-6RD were abandoned.

Date	Activity/Method	No. of Wells, Borings or Samples	Report Date	Consultant	Comments
11/06	Phase II Site Assessment	8 borings (DP-1 through DP-8) and 3 hand auger borings (Hoist 1 through 3)	12/15/06	WPI	Petroleum hydrocarbons were detected in soil samples collected from borings DP-1 through DP-3 and DP-5 through DP-7 to depths of 20 feet.
3/07	Additional Site Assessment Work Plan	--	3/2/07	WPI	WPI proposed installation of three groundwater monitoring wells to determine the lateral extent of dissolved-phase hydrocarbons west/northwest of VEW-2 and east of B-12 (Figure 2A).
4/07	Agency Correspondence	--	4/24/07	--	OCHCA approved the March 2007 work plan.
6/07 and 10/07	Additional Assessment	2 wells (MW-1 and MW-2)	12/21/07	WPI	TPH-G, BTEX, and oxygenates were not detected in soil samples. Dissolved phase TPH-G was detected in the groundwater sample collected from MW-2 at a concentration of 180 µg/L.
7/09	Additional Assessment	1 well (MW-3)	9/22/09	WPI	TPH-G and BTEX were not detected in soil samples. MTBE and TBA were detected in the 15- and 20-foot soil samples. Dissolved phase TPH-G and MTBE were detected in the groundwater sample collected from MW-3 at concentrations of 110 and 4.6 µg/L, respectively.
6/10	Request to Shutdown Remediation System	_	6/15/10	WPI	WPI requested groundwater system shutdown based on low hydrocarbon removal rate.
7/10	Agency Correspondence	_	7/15/10	OCHCA	OCHCA approved shutdown of the groundwater treatment system.
7/10	Groundwater System Shutdown	_	_	WPI	The system was shutdown. A total of 2,752,478 gallons of water were treated and approximately 109 pounds of dissolved-phase TPH-G was removed from October 2, 2001 through July 21, 2010.
8/11	Closure Request	--	8/9/11	WPI	Analysis of groundwater samples from off-Site monitoring wells confirmed that benzene, MTBE, and TBA concentrations attenuated laterally. Analytical data from September 2011 indicated that dissolved phase benzene was below the California Regional Water Quality Control Board –Santa Ana Region (CRWQCB-SA) accepted low risk closure criteria of 250 µg/L in samples collected from all wells. Closure was requested.

Date	Activity/Method	No. of Wells, Borings or Samples	Report Date	Consultant	Comments
9/11	Agency Correspondence	_	9/14/11	OCHCA	The OCHCA denied the request for closure and requested a work plan for confirmation borings.
10/11	Confirmation Boring Work Plan	--	10/6/11	WPI	WPI proposed drilling/sampling five soil borings.
10/11	Agency Correspondence	_	10/24/11	OCHCA	The OCHCA conditionally approved the work plan and requested three additional soil borings.
11/11	Confirmation Boring Assessment	8 Borings (CB-1 through CB-8)	12/12/11	WPI	Petroleum fuel hydrocarbons were detected at concentrations above 10,000 µg/kg in 5- and/or 10-foot soil samples from borings CB-2 to CB-5 and CB-8.
1/12	Agency Correspondence	_	1/12/12	OCHCA	OCHCA requested depth discrete groundwater sampling and a Soil Vapor Intrusion Health Risk Assessment.
1/12	Work Plan for Additional Site Assessment	_	1/25/12	WPI	WPI proposed five soil vapor sampling points and the collection of eight depth discrete groundwater samples.
2/12	Agency Correspondence	_	2/10/12	OCHCA	The OCHCA conditionally approved the January 2012 work plan.
4/12	Additional Site Assessment Report and Work Plan for Additional Site Assessment	2 hydropunch clusters (HP-1 & HP-2) and 5 vapor samples (SVS-1 through SVS-5)	4/23/12	WPI	Results of the Soil Vapor Intrusion Health Risk Assessment determined that the cumulative excess cancer risk calculated for commercial occupancy exceeded the regulatory threshold value. Subsequently, WPI proposed the advancement and sampling of fourteen soil borings and three depth discrete groundwater monitoring wells (in cluster) to further define the lateral and vertical extent of petroleum fuel impacted soil and groundwater.
5/12	Agency Correspondence	--	5/24/12	OCHCA	The OCHCA requested a revised work plan for an additional well cluster and depth discrete groundwater sampling.
5/12	Revised Work Plan	--	5/31/12	WPI	Two depth discrete well clusters, three depth discrete hydropunch sample clusters and 14 soil borings were proposed.
6/12	Agency Correspondence	--	6/6/12	OCHCA	The OCHCA conditionally approved the revised work plan.

Date	Activity/Method	No. of Wells, Borings or Samples	Report Date	Consultant	Comments
8/12	Additional Site Assessment Report and Corrective Action Plan	14 soil borings (GP-10 to GP-23), three depth discrete cluster hydropunch groundwater sample borings (HP-3 to HP-5) and two depth discrete well clusters (MW-4A/B/C and MW-5A/B/C)	8/3/12	WPI	Results from the investigation indicated that the highest concentrations of BTEX were confined to areas near the product dispenser islands. A limited remedial excavation in the product dispenser islands was proposed along with the abandonment of several wells to accommodate redevelopment activities.
9/12	UST Removal	17 soil samples (2 from the stockpile, 3 from the UST excavation, 6 from product pipelines, 4 from the dispensers and 2 from the waste oil tank)	9/20/12	Partner Engineering & Science	Petroleum fuel hydrocarbon concentrations detected in the excavation confirmation soil samples (collected and analyzed under the supervision of both the OCHCA and Huntington Beach Fire Department) were below the Huntington Beach Fire Department's soil screening levels of 1,000 mg/kg for TPH and 10 mg/kg for BTEX.

A summary of the total number of borings and wells advanced and constructed at the Site is provided in Table 1. Soil analytical data are summarized in Table 2. Historical groundwater analytical and gauging data are summarized in Tables 3 and 4.

2.3 GEOLOGY AND HYDROGEOLOGY

The Site is located within the Talbert Gap, and situated at an elevation of approximately 15 feet above mean sea level (USGS, 1965).

The Site is underlain by Holocene alluvial sediments. Based on data from previous assessments, the alluvium consists of sandy silt from 0 to 10 feet; medium- to coarse-grained silty sand from 10 to 16 feet; silty clay from 16 to 19 feet; fine-grained silty sand from 19 to 24 feet; sandy silt from 24 to 31 feet; and fine-grained silty sand from 31 to 43 feet.
Hydrogeologically, the Site is located within the Santa Ana Pressure Area of the Lower Santa Ana Watershed, approximately two miles south of the Talbert Water Injection Barrier. Historically, depth to first groundwater beneath the Site has ranged from approximately 4 to 14 feet (WPI, 2012). Groundwater flow beneath the Site trends towards the east and south.

2.4 POTENTIAL SENSITIVE RECEPTOR ANALYSIS

Potential sensitive receptors are defined as:

- Municipal or private domestic water supply wells located within a one-mile radius of the Site;

- Surface water located within a one-half mile radius of the Site; and/or
- Facilities used by persons that are more susceptible to the adverse effects of exposure to toxic chemicals, pesticides, and other pollutants. These facilities include hospitals, schools, daycare facilities, elderly housing and convalescent facilities..

Each of these categories are discussed below.

2.4.1 Water Supply Wells

There are no production wells within a one-mile radius of the Site (OCWD, 2000).

2.4.2 Surface Water

The nearest body of surface water is the Santa Ana River. It's located approximately 2,500 feet to the east (USGS, 1965).

2.4.3 Sensitive Receptor Facilities

There are five schools with-in a ½-mile radius of the Site. These are identified below, along with their directional distance from the Site.

Name	Distance from Site (ft.)	Direction from Site
Ralph Hawes Elementary	1,720	Southwest
Oka Elementary	2,125	Northwest
Huntington Beach City School	2,210	South, Southeast
Pegasus School	2,300	Northeast
Arevalos School	2,300	Northeast

3.0 REMEDIAL EXCAVATION ACTIVITIES

On September 27, September 28, October 1, October 3, October 9, and October 10, 2012 approximately 749 tons of soil were removed from six excavations (Excavation A through Excavation F) by Innovative Construction Services, Inc. of Santa Ana, California. Excavation location areas are shown on Figure 2B. Excavation procedures and results area described below.

3.1 PRE-FIELD ACTIVITIES

Pre-field activities included:

- Updating the existing WPI Site Safety and Health Plan, as necessary;
- Scheduling subcontractors;
- Notifying Underground Service Alert (USA) and the OCHCA; and

- Verifying subcontractors had valid permits for scope of work.

3.1.1 Utility Location

Underground Services Alert was notified of pending excavation activities at the site at least 48 hours prior to commencement of work. Prior to excavating, an underground line survey was performed to locate all underground utility crossings at the Site.

3.2 FIELD ACTIVITIES

The lateral and vertical extent of each excavation was based on data from the soil vapor survey, confirmation and Geoprobe® borings completed after remediation, field observations and soil analytical results collected during UST and dispenser island removal activities. The following criteria were utilized to determine the extent of each excavation area.

- All soils under the building footprint and within 5 feet of the building footprint should meet the City of Huntington Beach Fire Department Specification 431-92 for the following constituent TPH-G <1,000 ppm. If TPH-G is not <1,000 ppm then concentrations of BTEX should be: benzene <1 ppm, and toluene, ethylbenzene, total xylenes <10 ppm individually.

- Soils where vapor intrusion risk was identified during previous soil vapor sampling should be excavated.

- Soils outside of the building footprint described above should meet the State Water Resources Control Board Resolution No. 2012-0016: *Low Threat Underground Storage Tank Case Closure Policy* soil standards for commercial use:

Depth (feet)	Benzene (mg/kg)	Ethylbenzene (mg/kg)
0 - 5	8.2	89
5 - 10	12	134

Based on these criteria, Excavation A was completed to a depth of approximately 10 feet and excavations B through F were completed to depths of approximately 12 feet. The areal extent of these excavation are shown on Figure 2B.

3.3 AIR MONITORING

During remedial excavation activities, excavated soils were monitored for total volatile organic compound (VOC) vapor emission with a photo-ionization detector (PID) calibrated to hexane. These measurements were made following standard South Coast Air Quality Management District protocols, and recorded on a Daily Field Log. Copies of the air monitoring logs are provided as Appendix A.

Soils with total VOC emissions of less than 50 ppm_v were segregated for use as backfill. All stockpiled soil was placed on and covered with visqueen plastic sheeting. Verification samples were collected from the segregated soil stockpile to confirm that it was not impacted by petroleum fuel constituents at concentrations that would preclude its use as backfill, or to provide profile information to the receiving facility.

3.4 SOIL SAMPLING PROCEDURES & LABORATORY ANALYSIS

Verification soil samples were collected from the bottom and sidewalls of each excavation. Sample locations are shown on Figure 2A.

The backhoe bucket was used to bring soils from the area to be sampled to the surface. Soil samples were collected from the toe of the backhoe bucket by forcing a brass tube into the soil until it was filled. After the tube was completely filled, each end was covered with Teflon sheets and sealed with plastic end caps. Each tube was labeled with a unique sample number, the date and time of collection, the sampler's initials and recorded on a chain-of-custody form. The tube was then sealed in a plastic Ziploc® bag and placed in a cooler chilled with crushed ice. The tubes were maintained in a chilled condition until delivery to the testing laboratory.

Soil samples were analyzed by an independent California Certified Laboratory. All samples were analyzed for volatile organic compounds using EPA Method 8260B Full Scan. For select samples TPPH was re-quantitated to include C4-C12 range and reported as Gasoline Range Organic (C4-C12). Also, 8015B M results for C13-C44 was added. Copies of the laboratory reports with chain-of-custody forms are provided in Appendix B.

3.4.1 Excavation A

As shown on Figure 3, Excavation A targeted impacted soils underlying the proposed building's footprint. Approximately 100 cubic yards of soil were removed from Excavation A. The completed excavation measured approximately 27 by 10 feet, and was about 10 feet deep. After soil removal was completed, verification samples were collected from each excavation side wall (samples SWN-Ad6, SWE-Ad6, SWS-AD6, SWW-Ad6) and the center of the excavation floor (EX-Ad10). Results are summarized below. Shaded samples indicate the sample exceeded the HBFD criteria.

Sample ID	TPPH / GRO (µg/kg)	Benzene (µg/kg)	Toluene (µg/kg)	Ethyl-benzene (µg/kg)	Total Xylenes (µg/kg)
Excavation A	9/28/12 & 10/10/12				
SWS-Ad6	1100000	ND<2500	3500	12000	95000
SWW-Ad6	ND<500	ND<5.0	ND<5.0	ND<5.0	ND<5.0
SWE-Ad6	460000	ND<1000	ND<1000	4600	22000
SWN-Ad6	2600	ND<5.0	ND<5.0	ND<5.0	ND<5.0
SSWS-A-8'	320000	ND<500	ND<500	ND<500	ND<500
EX-Ad10	61000	ND<500	ND<500	ND<500	ND<500

The analysis of verification samples collected from the excavation's southern sidewall (SWS-Ad6) did not meet the HBFD Criteria. Therefore, this excavation was expanded approximately 5 feet

south/southwest from its proposed extent (18 cubic yards). A second sample was collected from the southern side wall of the expanded excavation (SSWS-A-8). Constituents analyzed in this sample were below the HBFD Criteria:

Sample ID	TPPH / GRO (µg/kg)	Benzene (µg/kg)	Toluene (µg/kg)	Ethyl-benzene (µg/kg)	Total Xylenes (µg/kg)
Excavation A	9/28/12 & 10/10/12				
SSWS-A-8'	320000	ND<500	ND<500	ND<500	ND<500

Soil Analytical data for Excavation A are summarized in Table 2 and on Figure 3.

3.4.2 Excavation B

As shown on Figure 3, Excavation B targeted impacted soils underlying the former eastern canopy. Approximately 44 cubic yards of soil were removed from Excavation B. The completed excavation measured approximately 10 by 10 feet, and was about 12 feet deep. After soil removal was completed, verification samples were collected from each excavation side wall (samples NSWS-B-8', WSWS-B-8', SSWS-B-8', ESWS-B-8') and the center of the excavation floor (EX-Bd12). None of the samples exceeded the excavation criteria. Results are summarized below.

Sample ID	TPPH / GRO (µg/kg)	Benzene (µg/kg)	Toluene (µg/kg)	Ethyl-benzene (µg/kg)	Total Xylenes (µg/kg)
Excavation B	9/28/12 & 10/9/12				
NSWS-B-8'	ND<500	ND<5.0	ND<5.0	ND<5.0	ND<5.0
WSWS-B-8'	70000	ND<13	ND<52	ND<15	ND<56
SSWS-B-8'	ND<500	ND<5.0	ND<5.0	ND<5.0	ND<5.0
ESWS-B-8'	ND<500	ND<5.0	ND<5.0	ND<5.0	ND<5.0
EX-Bd12	51000	ND<5.0	ND<5.0	57	13

3.4.3 Excavation C

As shown on Figure 3, Excavation C targeted impacted soils underlying the former eastern canopy. Approximately 89 cubic yards of soil were removed from Excavation C. The completed excavation measured approximately 20 by 10 feet, and was about 12 feet deep. After soil removal was completed, verification samples were collected from each excavation side wall (samples SWN-Cd8, SWW-Cd8, SWE-Cd8) and the center of the excavation floor (EX-Cd12). A sample could not be collected from the southern sidewall due to caving soils at the intersect with Excavation D. None of the samples exceeded the excavation criteria. Results are summarized below.

Sample ID	TPPH / GRO (µg/kg)	Benzene (µg/kg)	Toluene (µg/kg)	Ethyl-benzene (µg/kg)	Total Xylenes (µg/kg)
Excavation C	9/28/12				
SWN-Cd8	2400	ND<5.0	ND<5.0	ND<5.0	6.8
SWW-Cd8	ND<500	ND<5.0	ND<5.0	ND<5.0	ND<5.0
SWE-Cd8	2300	ND<5.0	ND<5.0	ND<5.0	ND<5.0
EX-Cd12	900000	230 J	590 J	8700	4400

3.4.4 Excavation D

As shown on Figure 3, Excavation D targeted impacted soils underlying the former eastern canopy. Approximately 167 cubic yards of soil were removed from Excavation D. The completed excavation measured approximately 25 by 15 feet, and was about 12 feet deep. After soil removal was completed, verification samples were collected from each excavation side wall (samples SWN-Dd8, SWE-Dd8, SWW-Dd8, SWS-Dd8) and the center of the excavation floor (EX-Dd12). None of the samples exceeded the excavation criteria. Results are summarized below.

Sample ID	TPPH / GRO (µg/kg)	Benzene (µg/kg)	Toluene (µg/kg)	Ethyl-benzene (µg/kg)	Total Xylenes (µg/kg)
Excavation D	9/28/12				
SWN-Dd8	130000	ND<500	ND<500	530	ND<500
SWE-Dd8	1100	9.2	ND<5.0	ND<5.0	ND<5.0
SWW-Dd8	ND<50000	ND<500	ND<500	ND<500	610
SWS-Dd8	1500	ND<5.0	ND<5.0	ND<5.0	25
EX-Dd12	1200000	ND<2500	47000	19000	110000

3.4.5 Excavation E

As shown on Figure 3, Excavation E targeted impacted soils underlying the area where elevated hydrocarbon concentration were deterred during recent assessment activities. Approximately 43 cubic yards of soil were removed from Excavation E. The completed excavation measured approximately 12 by 8 feet, and was about 12 feet deep. After soil removal was completed, verification samples were collected from each excavation side wall (samples WSWS-E-8', NSWS-E-8', SSWS-E-8') and the center of the excavation floor (EX-Ed12). The northern sidewall sample could not be collected due to the close proximity to the sidewalk. None of the samples exceeded the excavation criteria. Results are summarized below.

Sample ID	TPPH / GRO (µg/kg)	Benzene (µg/kg)	Toluene (µg/kg)	Ethyl-benzene (µg/kg)	Total Xylenes (µg/kg)
Excavation E	9/28/12 & 10/9/12				
WSWS-E-8'	ND<500	28	ND<5.0	ND<5.0	ND<5.0
NSWS-E-8'	ND<500	ND<5.0	ND<5.0	ND<5.0	ND<5.0
SSWS-E-8'	ND<500	ND<5.0	ND<5.0	ND<5.0	ND<5.0
Ex-Ed12	300000	1800	6200	4300	17000

3.4.6 Excavation F

As shown on Figure 3, Excavation F targeted impacted soils underlying the area where elevated hydrocarbon concentration were deterred during recent assessment activities. Approximately 67 cubic yards of soil were removed from Excavation E. The completed excavation measured approximately 15 by 10 feet, and was about 12 feet deep. After soil removal was completed, verification samples were collected from each excavation side wall (samples SWE-Fd8, SWN-Fd8, SWW-Fd8 EX-FSWd6) and the center of the excavation floor (EX-Fd12). The southern sidewall sample could not be collected due to the reach of the backhoe and the proximity to the property line. None of the samples exceeded the excavation criteria. Results are summarized below.

Sample ID	TPH-G (mg/kg)	TPPH / GRO (µg/kg)	Benzene (µg/kg)	Toluene (µg/kg)	Ethyl-benzene (µg/kg)	Total Xylenes (µg/kg)
Excavation F	9/28/12 & 10/2/12					
SWE-Fd8	-	14000	28	ND<5.0	ND<5.0	19
SWN-Fd8	-	140000	ND<500	ND<500	ND<500	ND<500
SWW-Fd8	-	ND<500	ND<5.0	ND<5.0	ND<5.0	ND<5.0
EX-FSWd6	ND<0.50	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0
EX-Fd12	-	ND<500	ND<5.0	ND<5.0	ND<5.0	ND<5.0

3.5 SOIL TRANSPORTATION AND DISPOSAL

A total of approximately 749 tons of impacted soil (528 cubic yards) was removed and transported by West Coast Sand and Gravel of Buena Park, California to Soil Safe of California, Inc., located in Adelanto, California. Copies of the waste manifests are not yet available and will be provided under separate cover.

Groundwater from excavations that required dewatering was placed in a Baker Tank and transported off-site for treatment / disposal. Copies of the groundwater waste manifests are not yet available and will be provided under separate cover.

3.6 BACKFILL

All excavations were backfilled by Innovative Construction Services, Inc. Where appropriate clean excavated soil certified in the laboratory and new fill material was used to backfill excavations. The fill material was placed and compacted to a minimum of 95 percent of the laboratory standard in 8-inch lifts. Compaction testing was performed by Smith-Emery Geoservices of Los Angeles, California.

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4.0 FINDINGS/RECOMMENDATIONS

The secondary source of petroleum hydrocarbons has been removed to the extent practicable. Based on excavation verification data, the removal of petroleum fuel hydrocarbon impacted soil met or were below the Huntington Beach Fire Department Specification 431-92 Criteria.

Groundwater monitoring activities will continue. Approximately three months after redevelopment activities are completed, a Soil Vapor Intrusion Health Risk Assessment will be conducted to confirm that there is no risk to building occupants from any residual hydrocarbons. This Soil Vapor Intrusion Health Risk Assessment will be conducted using the same procedures described in the "*Work Plan for Additional Site Assessment*" dated January 25, 2012 and OCHCA conditional approval letter dated February 10, 2012.

TABLES

TABLE 1
WELL/BORING DATA (Page 1 of 4)
Shell-Branded Service Station
20001 Brookhurst Street, Huntington Beach

Name	Type	Date Installed	Surface Elevation (feet)	Total Depth (feet)	Sample Increment or Depth(s) (feet)		First Groundwater (feet)		Screen Diameter (inches)	Screen Depth (feet)		Packer Depth (feet)	Comments
							Depth	Elevation		Top	Bottom		
SBA-1	Boring	12/88	—	15	—	5, 10, and 15	13	—	—	—	—	—	HSA
SBA-2	Boring	12/88	—	15	—	5, 10, and 15	13	—	—	—	—	—	HSA
SBA-3	Boring	12/88	—	15	—	5, 10, and 15	13	—	—	—	—	—	HSA
SBA-4	Boring	12/88	—	15	—	5, 10, and 15	13	—	—	—	—	—	HSA
SBA-5	Boring	12/88	—	10	—	5 and 10	—	—	—	—	—	—	HSA
SBA-6	Boring	12/88	—	15	—	5, 10, and 13	13	—	—	—	—	—	HSA
SBA-7	Boring	12/88	—	15	—	5, 10, and 15	13	—	—	—	—	—	HSA
B-1	GW monitoring well	5/90	—	35	—	5, 10, and 15	13	—	—	5	35	—	HSA
B-2	GW monitoring well	5/90	—	35	—	5 and 10	12	—	—	5	35	—	HSA; well destroyed 8/93
B-3	GW monitoring well	5/90	—	36	—	5 and 10	12	—	—	6	36	—	HSA; well destroyed 8/93
B-4	GW monitoring well	5/90	—	36	—	5, 10, and 12	13	—	—	6	36	—	HSA; well destroyed 8/93
B-5	GW monitoring well	5/90	—	36	—	5, 10, and 12	12	—	—	6	36	—	HSA; well destroyed 8/93
B-6	GW monitoring well	5/90	—	36	—	5 and 10	11	—	—	6	36	—	HSA; well destroyed 8/93
B-7	GW monitoring well	5/90	—	36	—	5, 10, and 15	13	—	—	6	36	—	Abandoned
B-8	GW monitoring well	1/92	—	32	—	5 and 10	11	—	—	7	32	—	HSA
B-9	GW monitoring well	1/92	—	32	—	5, 10, and 15	11	—	—	7	32	—	HSA
CPT-1	CPT boring	10/92	—	—	—	—	—	—	—	—	—	—	Data not available
CPT-2	CPT boring	10/92	—	—	—	—	—	—	—	—	—	—	Data not available
CPT-3	CPT boring	10/92	—	—	—	—	—	—	—	—	—	—	Data not available
CPT-4	CPT boring	10/92	—	—	—	—	—	—	—	—	—	—	Data not available
VEW-1	Nested sparge well	1/93	—	22.5	—	—	12	—	—	6 20	16 22.5	—	HSA; converted to a VE well 8/93
B-2RD	GW monitoring well	8/93	—	22	—	—	—	—	—	7	22	—	HSA; replaced Well B-2
B-3RD	GW monitoring well	8/93	—	22	—	—	—	—	—	7	22	—	HSA; replaced Well B-3, Unable to access since March 2009
B-4RD	GW monitoring well	8/93	—	22.5	—	—	—	—	—	7.5	22.5	—	HSA; replaced Well B-4
B-5RD	GW monitoring well	8/93	—	21.5	—	—	—	—	—	6.5	21.5	—	HSA; replaced Well B-5
B-6RD	GW monitoring well	8/93	—	23	—	—	—	—	—	8	23	—	Abandoned
VEW-1	VE well	8/93	—	22.5	—	—	—	—	—	7.5	22.5	—	HSA; converted from sparge well

Notes:
Table does not include hand-augered and grab soil samples.
Depths in feet below ground surface.
Elevations in feet relative to mean sea level.
HSA: Hollow-stem auger
GW: Groundwater
VE: Vapor extraction
CPT: Cone penetrometer test

Reference WPI, 2001b

TABLE 1
WELL/BORING DATA (Page 2 of 4)
Shell-Branded Service Station
20001 Brookhurst Street, Huntington Beach

Name	Type	Date Installed	Surface Elevation (feet)	Total Depth (feet)	Sample Increment or Depth(s) (feet)		First Groundwater (feet)		Screen Diameter (inches)	Screen Depth (feet)		Packer Depth (feet)	Comments
							Depth	Elevation		Top	Bottom		
VEW-2	VE well	8/93	—	20	—	—	—	—	—	5	20	—	HSA
VEW-3	VE well	8/93	—	9	—	—	—	—	—	4	9	—	HSA; destroyed during construction.
VEW-4	VE well	8/93	—	22	—	—	—	—	—	7	22	—	HSA
VEW-5	VE well	8/93	—	22	—	—	—	—	—	7	22	—	HSA
VEW-6	VE well	8/93	—	20	—	—	—	—	—	5	20	—	Abandoned
B-10	GW monitoring well	12/96	—	21	—	5 and 10	8.5	—	—	6	21	—	HSA
GP-1	Boring	8/99	—	15	5	—	11	—	—	—	—	—	Geoprobe®
GP-2	Boring	8/99	—	15	5	—	11	—	—	—	—	—	Geoprobe®
GP-3	Boring	8/99	—	20	5	—	11	—	—	—	—	—	Geoprobe®
GP-4	Boring	8/99	—	20	5	—	11	—	—	—	—	—	Geoprobe®
GP-5	Boring	8/99	—	15	5	—	11	—	—	—	—	—	Geoprobe®
GP-6	Boring	8/99	—	15	5	—	11	—	—	—	—	—	Geoprobe®
GP-7	Boring	8/99	—	15	5	—	11	—	—	—	—	—	Geoprobe®
GP-8	Boring	8/99	—	15	5	—	11	—	—	—	—	—	Geoprobe®
GP-9	Boring	8/99	—	15	5	—	11	—	—	—	—	—	Geoprobe®
DPE-1	DPE Well	4/13/01	—	21	—	5,9,10,15,20	9	—	6	10	20	—	Stainless screen with PVC riser
DPE-2	DPE Well	4/13/01	—	21	—	5,9,10,15,20	9	—	6	10	20	—	Stainless screen with PVC riser
DPE-3	DPE Well	4/14/01	—	22	—	5,9,10,15,20	9	—	6	10	20	—	Stainless screen with PVC riser
DPE-4	DPE Well	4/14/01	—	22	—	5,9,10,15,20	9	—	6	10	20	—	Stainless screen with PVC riser
DPE-5	DPE Well	4/14/01	—	22	—	5,9,10,15,20	9	—	6	10	20	—	Stainless screen with PVC riser
B-11	GW Monitoring Well	4/19/01	—	21	—	9,10,15,20	2	—	4	5	20	—	HSA
B-12	GW Monitoring Well	4/19/01	—	21	—	9,10,15,20	2	—	4	5	20	—	HSA
B-13	GW Monitoring Well	4/20/01	—	21	—	5,9,10,15,20	9	—	4	5	20	—	HSA
SB-1	Boring	8/15/05	----	20	5	----	7	----	----	----	----	----	HSA
SB-2	Boring	8/15/05	----	20	5	----	7	----	----	----	----	----	HSA
SB-3	Boring	8/15/05	----	20	5	----	7	----	----	----	----	----	HSA
SB-4	Boring	8/15/05	----	20	5	----	7	----	----	----	----	----	HSA
SB-5	Boring	8/15/05	----	20	5	----	7	----	----	----	----	----	HSA
SB-6	Boring	8/15/05	----	20	5	----	7	----	----	----	----	----	HSA
SB-7	Boring	8/16/05	----	20	5	----	7	----	----	----	----	----	HSA
SB-8	Boring	8/16/05	----	20	5	----	7	----	----	----	----	----	HSA

Notes:
Table does not include hand-augered and grab soil samples.
Depths in feet below ground surface.
Elevations in feet relative to mean sea level.
HSA: Hollow-stem auger
GW: Groundwater
VE: Vapor extraction
CPT: Cone penetrometer test

Reference WPI, 2001b

TABLE 1
WELL/BORING DATA (Page 3 of 4)
Shell-Branded Service Station
20001 Brookhurst Street, Huntington Beach

Name	Type	Date Installed	Surface Elevation (feet)	Total Depth (feet)	Sample Increment or Depth(s)		First Groundwater (feet)		Screen Diameter (inches)	Screen Depth (feet)		Packer Depth (feet)	Comments
						(feet)	Depth	Elevation		Top	Bottom		
SB-9	Boring	8/16/05	----	20	5	----	7	----	----	----	----	----	HSA
DP-1	Boring	11/20/06	—	20	5	7, 10, 15, 20	8	—	—	—	—	—	Geoprobe®
DP-2	Boring	11/20/06	—	20	5	7, 10, 15, 20	8	—	—	—	—	—	Geoprobe®
DP-3	Boring	11/20/06	—	20	5	7, 10, 15, 20	8	—	—	—	—	—	Geoprobe®
DP-4	Boring	11/20/06	—	20	5	7, 10, 15, 20	8	—	—	—	—	—	Geoprobe®
DP-5	Boring	11/20/06	—	20	5	7, 10, 15, 20	8	—	—	—	—	—	Geoprobe®
DP-6	Boring	11/20/06	—	20	5	7, 10, 15, 20	8	—	—	—	—	—	Geoprobe®
DP-7	Boring	11/20/06	—	20	5	7, 10, 15, 20	8	—	—	—	—	—	Geoprobe®
DP-8	Boring	11/20/06	—	20	5	7, 10, 15, 20	8	—	—	—	—	—	Geoprobe®
Hoist 1	Boring	11/28/06	—	10	5	5, 10	8	—	—	—	—	—	Hand auger
Hoist 2	Boring	11/28/06	—	10	5	5, 10	8	—	—	—	—	—	Hand auger
Hoist 3	Boring	11/28/06	—	10	5	5, 10	8	—	—	—	—	—	Hand auger
MW-1	Well	6/22/07	—	20	5	10, 15, 20	8	5.36	2	5	20	—	HSA
MW-2	Well	10/1/07	—	20	5	10, 15, 20	8	3.87	2	5	20	—	HSA
MW-3	Well	7/2/09	—	20	5	5, 10, 15, 20	8		2	5	20	—	HAS
CB-1	Boring	11/15/11	—	20.5	5	5,10,15,20	10	—	—	—	—	—	Confirmation Boring
CB-2	Boring	11/15/11	—	26	5	5,10,15,20, 25	7.5	—	—	—	—	—	Confirmation Boring
CB-3	Boring	11/15/11	—	26	5	5,10,15,20, 25	10	—	—	—	—	—	Confirmation Boring
CB-4	Boring	11/16/11	—	26	5	5,10,15,20, 25	7.5	—	—	—	—	—	Confirmation Boring
CB-5	Boring	11/16/11	—	30.5	5	5,10,15,20, 25, 30	7	—	—	—	—	—	Confirmation Boring
CB-6	Boring	11/17/11	—	26	5	5,10,15,20, 25	10	—	—	—	—	—	Confirmation Boring
CB-7	Boring	11/17/11	—	26	5	5,10,15,20, 25	10	—	—	—	—	—	Confirmation Boring
CB-8	Boring	11/17/11	—	20.5	5	5,10,15,20	10	—	—	—	—	—	Confirmation Boring
HP-1	Boring	3/13/12	—	25	5	10,15,20	—	—	—	—	—	—	Hydropunch GW Samples
HP-2	Boring	3/13/12	—	25	5	10,15,20	—	—	—	—	—	—	Hydropunch GW Samples
HP-3	Boring	6/25/12	—	30	5	11,15,20,25,30	—	—	—	—	—	—	Hydropunch GW Samples
HP-4	Boring	6/22/12	—	30	5	10,15,20,25,30	—	—	—	—	—	—	Hydropunch GW Samples
HP-5	Boring	6/20/12	—	30	5	15, 20,25,30	—	—	—	—	—	—	Hydropunch GW Samples
MW-4 A/B/C	Cluster GWM Wells	6/27/12		15,25, 35	5	5-35	8	—	—	—	—	—	

Notes:
Table does not include hand-augered and grab soil samples.
Depths in feet below ground surface.
Elevations in feet relative to mean sea level.
HSA: Hollow-stem auger
GW: Groundwater
VE: Vapor extraction
CPT: Cone penetrometer test

Reference WPI, 2001b

TABLE 1
WELL/BORING DATA (Page 4 of 4)
Shell-Branded Service Station
20001 Brookhurst Street, Huntington Beach

Name	Type	Date Installed	Surface Elevation (feet)	Total Depth (feet)	Sample Increment or Depth(s) (feet)		First Groundwater (feet)		Screen Diameter (inches)	Screen Depth (feet)		Packer Depth (feet)	Comments
							Depth	Elevation		Top	Bottom		
MW-5 A/B/C	Cluster GWM Wells	6/28/12		15,25, 35	5	5-35	8	—	—	—	—	—	
GP-10	Boring	6/25/12	—	20	5	5-20	10	—	—	—	—	—	Geoprobe®
GP-11	Boring	6/25/12	—	20	5	5-20	15	—	—	—	—	—	Geoprobe®
GP-12	Boring	6/25/12	—	20	5	5-20	15	—	—	—	—	—	Geoprobe®
GP-13	Boring	6/22/12	—	20	5	5-20	10	—	—	—	—	—	Geoprobe®
GP-14	Boring	6/21/12	—	20	5	5-20	10	—	—	—	—	—	Geoprobe®
GP-15	Boring	6/21/12	—	20	5	5-20	10	—	—	—	—	—	Geoprobe®
GP-16	Boring	6/21/12	—	20	5	5-20	10	—	—	—	—	—	Geoprobe®
GP-17	Boring	6/25/12	—	20	5	5-20	15	—	—	—	—	—	Geoprobe®
GP-18	Boring	6/22/12	—	20	5	5-20	10	—	—	—	—	—	Geoprobe®
GP-19	Boring	6/20/12	—	20	5	5-20	10	—	—	—	—	—	Geoprobe®
GP-20	Boring	6/20/12	—	20	5	5-20	10	—	—	—	—	—	Geoprobe®
GP-21	Boring	6/20/12	—	20	5	5-20	10	—	—	—	—	—	Geoprobe®
GP-22	Boring	6/21/12	—	20	5	5-20	10	—	—	—	—	—	Geoprobe®
GP-23	Boring	6/21/12	—	20	5	5-20	10	—	—	—	—	—	Geoprobe®

Notes:
Table does not include hand-augered and grab soil samples.
Depths in feet below ground surface.
Elevations in feet relative to mean sea level.
HSA: Hollow-stem auger
GW: Groundwater
VE: Vapor extraction
CPT: Cone penetrometer test

Reference WPI, 2001b

TABLE 2
SOIL ANALYTICAL DATA
Shell-Branded Service Station
20001 Brookhurst Street, Huntington Beach

Sample ID and Depth feet	Date	TPH-G (mg/kg)	TPPH / GRO (µg/kg)	TRPH (µg/kg)	Benzene (µg/kg)	Toluene (µg/kg)	Ethyl-benzene (µg/kg)	Total Xylenes (µg/kg)	MTBE 8260 (µg/kg)	TBA 8260 (µg/kg)	DIPE 8260 (µg/kg)	ETBE 8260 (µg/kg)	TAME 8260 (µg/kg)	Ethanol 8260 (µg/kg)	Primary Soil Type USCS
SBA-1	12/1/1988														
5		<10	-	-	-	-	-	-	-	-	-	-	-		sm/ml
10		<10	-	-	-	-	-	-	-	-	-	-	-		sm/ml
15		<10	-	-	-	-	-	-	-	-	-	-	-		sm/ml
SBA-2	12/1/1988														
5		<10	-	-	-	-	-	-	-	-	-	-	-		sm/ml
10		<10	-	-	-	-	-	-	-	-	-	-	-		sm/ml
15		<10	-	-	-	-	-	-	-	-	-	-	-		sm/ml
SBA-3	12/1/1988														
5		**1,780**	-	-	**124,000**	**32,000**	**107,000**	**330,000**	-	-	-	-	-		sm/ml
10		**582**	-	-	**23,000**	**143,000**	**40,000**	**167,000**	-	-	-	-	-		sm/ml
15		<10	-	-	-	-	-	-	-	-	-	-	-		sm/ml
SBA-4	12/1/1988														
5		<10	-	-	-	-	-	-	-	-	-	-	-		sm/ml
10		**474**	-	-	**18,000**	**96,000**	**27,000**	**104,000**	-	-	-	-	-		sm/ml
15		<10	-	-	-	-	-	-	-	-	-	-	-		sm/ml
SBA-5	12/1/1988														
5		<10	-	-	-	-	-	-	-	-	-	-	-		sm/ml
10		**1,850**	-	-	**17,000**	**171,000**	**81,000**	**350,000**	-	-	-	-	-		sm/ml
SBA-6	12/1/1988														
5		<10	-	-	-	-	-	-	-	-	-	-	-		sm/ml
10		**834**	-	-	**23,000**	**104,000**	**34,000**	**143,000**	-	-	-	-	-		sm/ml
13		<10	-	-	-	-	-	-	-	-	-	-	-		sm/ml
SBA-7	12/1/1988														
5		<10	-	-	-	-	-	-	-	-	-	-	-		sm/ml
10		<10	-	-	-	-	-	-	-	-	-	-	-		sm/ml
15		<10	-	-	-	-	-	-	-	-	-	-	-		sm/ml
HA-D1-1	1/1/1990														
5		<10	-	-	-	-	-	-	-	-	-	-	-		-
HA-D2-1	1/1/1990														
5		**552**	-	-	**1,000**	**20,000**	**9,000**	**45,000**	-	-	-	-	-		-
8		**115**	-	-	**300**	**4,000**	**2,000**	**9,000**	-	-	-	-	-		-
HA-D3-1	1/1/1990														
5		**598**	-	-	**6,000**	**31,000**	**7,000**	**42,000**	-	-	-	-	-		-
9		**110**	-	-	**2,000**	**9,000**	<100	11000	-	-	-	-	-		-
HA-D4-1	1/1/1990														
5		**543**	-	-	**6,000**	**38,000**	**9,000**	**55,000**	-	-	-	-	-		-
10		**988**	-	-	**6,000**	**44,000**	**14,000**	**73,000**	-	-	-	-	-		-
T1	2/1/1990														
A-14		<10	-	-	<50	<50	<100	<100	-	-	-	-	-		-
B-14		<10	-	-	<50	<50	<100	<100	-	-	-	-	-		-

TABLE 2
SOIL ANALYTICAL DATA
Shell-Branded Service Station
20001 Brookhurst Street, Huntington Beach

Sample ID and Depth feet	Date	TPH-G (mg/kg)	TPPH / GRO (µg/kg)	TRPH (µg/kg)	Benzene (µg/kg)	Toluene (µg/kg)	Ethyl-benzene (µg/kg)	Total Xylenes (µg/kg)	MTBE 8260 (µg/kg)	TBA 8260 (µg/kg)	DIPE 8260 (µg/kg)	ETBE 8260 (µg/kg)	TAME 8260 (µg/kg)	Ethanol 8260 (µg/kg)	Primary Soil Type USCS
T2	2/1/1990														
A-14		<10	-	-	<50	<50	<100	<100	-	-	-	-	-		-
B-13		119	-	-	400	6,300	<100	11000	-	-	-	-	-		-
B-14		<10	-	-	<50	<50	<100	<100	-	-	-	-	-		-
T3	2/1/1990														
A-13		<10	-	-	<50	<50	<100	<100	-	-	-	-	-		-
B-14		<10	-	-	<50	<50	<100	<100	-	-	-	-	-		-
EW-5T1	2/1/1990														
5		19	-	-	500	200	400	1,000	-	-	-	-	-		-
9		24	-	-	400	500	400	1,000	-	-	-	-	-		-
12		4,810	-	-	9,000	85,000	67,000	342,000	-	-	-	-	-		-
WW-3T3	2/1/1990														
5		<10	-	-	<50	<50	<100	<100	-	-	-	-	-		-
9		<10	-	-	<50	<50	<100	<100	-	-	-	-	-		-
11		<10	-	-	<50	<50	<100	<100	-	-	-	-	-		-
SW-4T2	2/1/1990														
5		43	-	-	500	1,000	500	3,000	-	-	-	-	-		-
10		534	-	-	3,000	19,000	6,000	44,000	-	-	-	-	-		-
12		737	-	-	1,000	16,000	6,000	49,000	-	-	-	-	-		-
NW-6T2	2/1/1990														
4		2,480	-	-	3,000	37,000	16,000	150,000	-	-	-	-			-
NW-5T2	2/1/1990														
6		82	-	-	300	1,000	400	5,000	-	-	-	-			-
NW-3T2	2/1/1990														
10		10,200	-	-	34,000	20,000	110,000	510,000	-	-	-	-			-
EW	2/1/1990														
4		22	-	-	200	2,000	1,000	3,000	-	-	-	-	-		-
8		228	-	-	5,000	27,000	5,000	26,000	-	-	-	-	-		-
12		38	-	-	1,000	4,000	400	3,000	-	-	-	-	-		-
WW	2/1/1990														
4		34	-	-	<50	<50	<100	<100	-	-	-	-	-		-
8		<10	-	-	-	-	-	-	-	-	-	-	-		-
12		<10	-	-	-	-	-	-	-	-	-	-	-		-
NW	2/1/1990														
4		113	-	-	4,000	10,000	600	2,000	-	-	-	-	-		-
8		<10	-	-	-	-	-	-	-	-	-	-	-		-
12		<10	-	-	-	-	-	-	-	-	-	-	-		-
SW	2/1/1990														
4		4,220	-	-	26,000	253,000	52,000	402,000	-	-	-	-	-		-
8		4,460	-	-	30,000	372,000	64,000	420,000	-	-	-	-	-		-

TABLE 2
SOIL ANALYTICAL DATA
Shell-Branded Service Station
20001 Brookhurst Street, Huntington Beach

Sample ID and Depth feet	Date	TPH-G (mg/kg)	TPPH / GRO (µg/kg)	TRPH (µg/kg)	Benzene (µg/kg)	Toluene (µg/kg)	Ethyl-benzene (µg/kg)	Total Xylenes (µg/kg)	MTBE 8260 (µg/kg)	TBA 8260 (µg/kg)	DIPE 8260 (µg/kg)	ETBE 8260 (µg/kg)	TAME 8260 (µg/kg)	Ethanol 8260 (µg/kg)	Primary Soil Type USCS
12		1,790	-	-	18,000	157,000	21,000	122,000	-	-	-	-	-		-
D1	2/1/1990														
2.5		1,930	-	-	<50	1,000	2,000	33,000	-	-	-	-	-		-
D2	2/1/1990														
3		6,600	-	-	9,000	250,000	110,000	580,000	-	-	-	-	-		-
D3	2/1/1990														
2.5		5,900	-	-	16,000	260,000	66,000	450,000	-	-	-	-	-		-
D4	2/1/1990														
2.5		6,090	-	-	8,000	158,000	48,000	359,000	-	-	-	-	-		-
PL-1	2/1/1990														
2.5		1,590	-	-	15,000	67,000	14,000	121,000	-	-	-	-	-		-
PL-2	2/1/1990														
3		1,920	-	-	2,000	52,000	27,000	200,000	-	-	-	-	-		-
PL-3	2/1/1990														
3.5		135	-	-	1,000	6,000	1,000	6,000	-	-	-	-	-		-
B-1	5/1/1990														
5		<0.50	-	-	<1	<1	<5	<5	-	-	-	-	-		sm/ml
10		<0.50	-	-	<1	<1	<5	<5	-	-	-	-	-		sm/ml
15		<0.50	-	-	<1	<1	<5	<5	-	-	-	-	-		sm/ml
B-2	5/1/1990														
5		<0.50	-	-	63	<1	<5	<5	-	-	-	-	-		sm/ml
10		7,360	-	-	34,300	310,000	106,000	490,000	-	-	-	-	-		sm/ml
B-3	5/1/1990														
5		11	-	-	448	100	392	1,230	-	-	-	-	-		sm/ml
10		<0.50	-	-	30	22	19	98	-	-	-	-	-		sm/ml
B-4	5/1/1990														
5		<0.50	-	-	106,000	23,000	9,000	55,000	-	-	-	-	-		sm/ml
10		<0.50	-	-	<1	<1	<5	<5	-	-	-	-	-		sm/ml
12		<0.50	-	-	<1	<1	<5	<5	-	-	-	-	-		sm/ml
B-5	5/1/1990														
5		553	-	-	3,310	45,000	25,300	171,000	-	-	-	-	-		sm/ml
10		1,490	-	-	21,900	120,000	40,000	228,000	-	-	-	-	-		sm/ml
12		<0.50	-	-	<1	<1	<5	<5	-	-	-	-	-		sm/ml
B-6	5/1/1990														
5		1.07	-	-	105	<1	<5	<5	-	-	-	-	-		sm/ml
10		<0.50	-	-	<1	<1	<5	<5	-	-	-	-	-		sm/ml
B-7	5/1/1990														
5		<0.50	-	-	<1	<1	<5	<5	-	-	-	-	-		sm/ml

TABLE 2
SOIL ANALYTICAL DATA
Shell-Branded Service Station
20001 Brookhurst Street, Huntington Beach

Sample ID and Depth feet	Date	TPH-G (mg/kg)	TPPH / GRO (µg/kg)	TRPH (µg/kg)	Benzene (µg/kg)	Toluene (µg/kg)	Ethyl-benzene (µg/kg)	Total Xylenes (µg/kg)	MTBE 8260 (µg/kg)	TBA 8260 (µg/kg)	DIPE 8260 (µg/kg)	ETBE 8260 (µg/kg)	TAME 8260 (µg/kg)	Ethanol 8260 (µg/kg)	Primary Soil Type USCS
10		<0.50	-	-	<1	<1	<5	<5	-	-	-	-	-		sm/ml
15		<0.50	-	-	<1	<1	<5	<5	-	-	-	-	-		sm/ml
B-8	1/1/1992														
5		<5	-	-	<50	<50	<100	<100	-	-	-	-	-		sm/ml
10		150	-	-	70	400	200	700	-	-	-	-	-		sm/ml
B-9	1/1/1992														
5		<5	-	-	<50	<50	<100	<100	-	-	-	-	-		sm/ml
10		<5	-	-	<50	<50	<100	<100	-	-	-	-	-		sm/ml
15		<5	-	-	<50	<50	<100	<100	-	-	-	-	-		sm/ml
B-10	12/1/1996														
5		<10	-	-	<5	<5	<5	<15	-	-	-	-	-		ml
10		**970**	-	-	**2,600**	**1,100**	**5,000**	**3,800**	-	-	-	-	-		sp
GP-1	8/6/1999														
5		<1	-	-	<5	<5	<5	<15	-	-	-	-	-		ml/sm
10		**590**	-	-	**4,600**	<2500	**13,000**	**50,000**	-	-	-	-	-		sm
15		<1	-	-	<5	<5	<5	<15	**180**	-	-	-	-		cl
GP-2	8/6/1999														
5		<1	-	-	<5	<5	<5	<15	-	-	-	-	-		sp
10		**4,100**	-	-	**11,000**	**180,000**	**79,000**	**450,000**	<500	-	-	-	-		sp
15		<1	-	-	<5	<5	<5	<15	**830**	-	-	-	-		ml
GP-3	8/6/1999														
5		1.2	-	-	<5	<5	<5	<15	-	-	-	-	-		ml/sp
10		**1,100**	-	-	**2,600**	<2500	**7,100**	**19,000**	-	-	-	-	-		ml
15		<1	-	-	<5	**24**	**12**	**73**	**1,200**	-	-	-	-		ml
20		<1	-	-	<5	<5	<5	<15	-	-	-	-	-		sp
GP-4	8/6/1999														
5		**6,600**	-	-	<5000	<5000	**9,900**	**250,000**	<250	-	-	-	-		sm
10		**910**	-	-	<2500	**10,000**	**4,400**	**52,000**	-	-	-	-	-		ml
15		<1	-	-	**24**	**6.2**	**30**	**25**	**140**	-	-	-	-		ml
20		<1	-	-	<5	<5	<5	<15	-	-	-	-	-		sp
GP-5	8/6/1999														
5		**630**	-	-	<500	**8,000**	**6,300**	**29,000**	-	-	-	-	-		sm
10		**5,100**	-	-	**69,000**	**300,000**	**96,000**	**470,000**	<500	-	-	-	-		ml
15		<1	-	-	<5	**16**	**8.4**	**48**	**450**	-	-	-	-		ml
GP-6	8/6/1999														
5		<1	-	-	**8.5**	<5	<5	<15	-	-	-	-	-		ml
10		**2,300**	-	-	<5000	**28,000**	**22,000**	**140,000**	<250	-	-	-	-		sm
15		<1	-	-	<5	<5	<5	<15	**2,500**	-	-	-	-		ml
GP-7	8/6/1999														
5		<1	-	-	<5	<5	<5	<15	-	-	-	-	-		sp
10		**1,800**	-	-	<5000	**43,000**	**28,000**	**150,000**	<250	-	-	-	-		ml
15		<1	-	-	<5	<5	<5	<15	**330**	-	-	-	-		cl

TABLE 2
SOIL ANALYTICAL DATA
Shell-Branded Service Station
20001 Brookhurst Street, Huntington Beach

Sample ID and Depth feet	Date	TPH-G (mg/kg)	TPPH / GRO (µg/kg)	TRPH (µg/kg)	Benzene (µg/kg)	Toluene (µg/kg)	Ethyl-benzene (µg/kg)	Total Xylenes (µg/kg)	MTBE 8260 (µg/kg)	TBA 8260 (µg/kg)	DIPE 8260 (µg/kg)	ETBE 8260 (µg/kg)	TAME 8260 (µg/kg)	Ethanol 8260 (µg/kg)	Primary Soil Type USCS
GP-8	8/6/1999														
5		310	-	-	<250	<250	570	2,600	-	-	-	-	-		sp
10		690	-	-	1,300	1,100	2,800	<1500	-	-	-	-	-		ml
15		<1	-	-	<5	<5	<5	<15	-	-	-	-	-		ml
GP-9	8/6/1999														
5		<1	-	-	<5	<5	<5	<15	-	-	-	-	-		ml
10		540	-	-	<2500	<2500	4,800	13,000	-	-	-	-	-		sm
15		<1	-	-	<5	<5	<5	<15	-	-	-	-	-		ml
DPE-1	3/13/2001														
5		5.9	-	-	170	400	170	950	14	-	15	-	-		sp
9		75	-	-	3,900	46,000	20,000	102,000	<250	-	-	-	-		ml
10		810	-	-	2,300	15,000	10,000	53,000	2,600	-	-	-	-		sp
15		<0.50	-	-	6.6	25	6.6	35	1,300	1,600	-	14	-		sm/sp
20		<0.50	-	-	<5	9.5	<5	<10	5.5	-	-	-	-		sp
DPE-2	3/13/2001														
5		<0.50	-	-	21	89	24	103	8.2	-	-	-	-		sm
9		8,500	-	-	44,000	300,000	93,000	500,000	<250	-	520	-	-		ml
10		0.9	-	-	95	210	49	277	21,000	150	-	-	-		sp
15		<0.50	-	-	31	87	22	124	51	-	-	-	-		sp
20		<0.50	-	-	5.5	22	<5	20.9	11	-	-	-	-		ml
DPE-3	3/14/2001														
5		<0.50	-	-	<5	<5	<5	<10	<5	-	-	-	-		sm
9		46	-	-	200	<130	470	1,420	<130	-	-	-	-		ml
10		37	-	-	1,200	970	4,300	11,900	3,800	-	-	-	-		sp
15		<0.50	-	-	<5	<5	5	19.8	700	1,200	-	-	-		sp
20		0.5	-	-	5.6	11	15	65	190	340	-	-	-		sp
DPE-4	3/14/2001														
5		3.3	-	-	37	<5	<5	86.4	<5	-	-	-	-		sp
9		2,800	-	-	2,800	31,000	24,000	188,000	<250	-	-	-	-		ml
10		260	-	-	620	1,100	430	2,210	5,500	11,000	48	-	-		sp
15		<0.50	-	-	<5	18	14	78	850	270	-	-	12		ml
20		2.4	-	-	40	580	340	1,830	31	-	-	-	-		sm
DPE-5	3/14/2001														
5		15	-	-	<5	<5	5.4	19.7	110	-	-	-	-		sp
9		8,200	-	-	15,000	260,000	85,000	450,000	<130	-	-	-	-		ml
10		33	-	-	230	350	530	1,560	5,000	17000	-	-	-		sp
15		1.7	-	-	28	480	290	1,580	180	-	-	-	-		sp
20		<0.50	-	-	<5	32	9	42	<5	-	-	-	-		sm
B-11	3/19/2001														
9		<0.50	-	-	<5	<5	<5	<10	<5	-	-	-	-		sm
10		<0.50	-	-	<5	<5	<5	<10	5.6	-	-	-	-		sm
15		<0.50	-	-	<5	<5	<5	6.6	<5	-	-	-	-		sm
20		<0.50	-	-	<5	<5	<5	<10	<5	-	-	-	-		sm

TABLE 2
SOIL ANALYTICAL DATA
Shell-Branded Service Station
20001 Brookhurst Street, Huntington Beach

Sample ID and Depth feet	Date	TPH-G (mg/kg)	TPPH / GRO (µg/kg)	TRPH (µg/kg)	Benzene (µg/kg)	Toluene (µg/kg)	Ethyl-benzene (µg/kg)	Total Xylenes (µg/kg)	MTBE 8260 (µg/kg)	TBA 8260 (µg/kg)	DIPE 8260 (µg/kg)	ETBE 8260 (µg/kg)	TAME 8260 (µg/kg)	Ethanol 8260 (µg/kg)	Primary Soil Type USCS
B-12	3/19/2001														
9		**8,800**	-	-	**51,000**	**430,000**	**150,000**	**810,000**	<2500	-	-	-	-		ml
10		<0.50	-	-	<5	<5	<5	<10	<5	-	-	-	-		sm
15		<0.50	-	-	**12**	**77**	**21**	**108**	**670**	**510**	**13**	-	-		sm
20		**5.9**	-	-	**700**	**960**	**610**	**2,891**	<5	-	**24**	-	-		ml
B-13	3/20/2001														
5		<0.50	-	-	<5	<5	<5	<10	<5	-	-	-	-		sm
9		<0.50	-	-	<5	<5	<5	<10	<5	-	-	-	-		sm
10		<0.50	-	-	<5	<5	<5	<10	<5	-	-	-	-		sm
15		<0.50	-	-	<5	<5	<5	<10	<5	-	-	-	-		sp
20		<0.50	-	-	<5	<5	<5	<10	<5	-	-	-	-		ml
20		<0.50	-	-	<5	<5	<5	<10	<5	-	-	-	-		ml
PL1d3	10/10/2002														
3		<0.50	-	-	<5.0	<5.0	<5.0	<5.0	**480**	-	-	-	-		-
PL2d3.5	10/10/2002														
3.5		<0.50	-	-	<5.0	**26**	**9.7**	**65**	**86**	-	-	-	-		-
PL3d4	10/10/2002														
4		<0.50	-	-	<5.0	<5.0	<5.0	<5.0	<5.0	-	-	-	-		-
PL4d3	10/10/2002														
3		**160**	-	-	<5.0	<5.0	<5.0	**85**	<5.0	-	-	-	-		-
PL5d4.5	10/10/2002														
4.5		<0.50	-	-	<5.0	<5.0	<5.0	<5.0	<5.0	-	-	-	-		-
PL6d3.5	10/10/2002														
3.5		**1.7**	-	-	<5.0	<5.0	<5.0	**23**	**69**	-	-	-	-		-
DI1d3	10/10/2002														
3		**340**	-	-	<250	<250	**280**	**5,200**	<250	-	-	-	-		-
DI2d3.5	10/10/2002														
3.5		**4.1**	-	-	<130	<130	**130**	**790**	**2,900**	-	-	-	-		-
DI3d3	10/10/2002														
3		**9,400**	-	-	<130	**1,100**	**3,100**	**61,000**	**190**	-	-	-	-		-
DI4d2.5	10/10/2002														
2.5		**11,000**	-	-	<250	300	**13,000**	**320,000**	**1,300**	-	-	-	-		-
SB-1	08/11&15/05														
5		<0.50	-	-	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<10	<10	<10		sp
10		**1,400**	-	-	<130	<130	**3,900**	**750**	<130	1900	<250	<250	<250		ml/sp
15		<0.50	-	-	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<10	<10	<10		sm
20		<0.50	-	-	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<10	<10	<10		sp
SB-2	08/11&15/05														
5		**2.7**	-	-	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<10	<10	<10		sp

TABLE 2
SOIL ANALYTICAL DATA
Shell-Branded Service Station
20001 Brookhurst Street, Huntington Beach

Sample ID and Depth feet	Date	TPH-G (mg/kg)	TPPH / GRO (µg/kg)	TRPH (µg/kg)	Benzene (µg/kg)	Toluene (µg/kg)	Ethyl-benzene (µg/kg)	Total Xylenes (µg/kg)	MTBE 8260 (µg/kg)	TBA 8260 (µg/kg)	DIPE 8260 (µg/kg)	ETBE 8260 (µg/kg)	TAME 8260 (µg/kg)	Ethanol 8260 (µg/kg)	Primary Soil Type USCS
10		**5,200**	-	-	<2500	<2500	**100,000**	**430,000**	<2500	<25000	<5000	<5000	<5000		sp
15		**1.1**	-	-	<5.0	<5.0	**34**	**119.4**	<5.0	250	<10	<10	<10		sm
20		<0.50	-	-	<5.0	<5.0	<5.0	**8.6**	<5.0	<50	<10	<10	<10		sp
SB-3	08/11&15/05														
5		**0.61**	-	-	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<10	<10	<10		ml
10		**20,000**	-	-	**14,000**	**590,000**	**320,000**	**1,800,000**	<13000	<130000	<25000	<25000	<25000		sp
15		<0.50	-	-	<5.0	**100**	**54**	**312**	<5.0	680	<10	<10	<10		sp
20		**0.79**	-	-	<5.0	**74**	**49**	**300**	<5.0	<50	<10	<10	<10		sp
SB-4	08/11&15/05														
5		<0.50	-	-	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<10	<10	<10		ml
10		<0.50	-	-	<5.0	<5.0	<5.0	<5.0	<5.0	250	<10	<10	<10		sp
15		<0.50	-	-	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<10	<10	<10		sp
20		<0.50	-	-	<5.0	<5.0	<5.0	<5.0	7.6	<50	<10	<10	<10		sp
SB-5	08/11&15/05														
5		<0.50	-	-	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<10	<10	<10		sp
10		<0.50	-	-	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<10	<10	<10		ml/sp
15		<0.50	-	-	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<10	<10	<10		sp/sm
20		<0.50	-	-	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<10	<10	<10		sp
SB-6	08/11&16/05														
5		<0.50	-	-	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<10	<10	<10		sp
10		**1.5**	-	-	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<10	<10	<10		ml/sp
15		<0.50	-	-	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<10	<10	<10		sm
20		<0.50	-	-	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<10	<10	<10		sp
SB-7	08/11&16/05														
5		**340**	-	-	<130	**1,100**	**4,100**	**30,400**	<130	<1300	<250	<250	<250		sp
10		**46**	-	-	**670**	**2,400**	**3,600**	**27,400**	<130	<1300	<250	<250	<250		-
15		<0.50	-	-	<5.0	<5.0	<5.0	21	<5.0	<50	<10	<10	<10		sm
20		<0.50	-	-	<5.0	<5.0	<5.0	6.2	**20**	<50	<10	<10	<10		sp
SB-8	08/11&16/05														
5		**0.92**	-	-	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<10	<10	<10		sp
10		**200**	-	-	<130	<130	**580**	**220**	<130	<1300	<250	<250	<250		ml/sp
15		<0.50	-	-	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<10	<10	<10		sp
20		<0.50	-	-	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<10	<10	<10		sp
SB-9	08/11&16/05														
5		<0.50	-	-	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<10	<10	<10		sp
10		<0.50	-	-	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<10	<10	<10		sm/sp
15		<0.50	-	-	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<10	<10	<10		ml/sp
20		<0.50	-	-	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<10	<10	<10		sp
DP-1	11/20/2006														
7		**1.8**	-	-	**29**	<5.2	**35**	**34**	<10	<100	<10	<10	<10		sm
10		**6,200**	-	-	**8,500**	**420,000**	**170,000**	**870,000**	<2000	<20000	<2000	<2000	<2000		ml
15		**0.77**	-	-	<0.92	**93**	**51**	**260**	<1.8	<18	<18	<1.8	<1.8		ml
20		<0.19	-	-	<1.2	**2.1**	<1.2	**4.7**	<2.3	32	<2.3	<2.3	<2.3		ml

TABLE 2
SOIL ANALYTICAL DATA
Shell-Branded Service Station
20001 Brookhurst Street, Huntington Beach

Sample ID and Depth feet	Date	TPH-G (mg/kg)	TPPH / GRO (µg/kg)	TRPH (µg/kg)	Benzene (µg/kg)	Toluene (µg/kg)	Ethyl-benzene (µg/kg)	Total Xylenes (µg/kg)	MTBE 8260 (µg/kg)	TBA 8260 (µg/kg)	DIPE 8260 (µg/kg)	ETBE 8260 (µg/kg)	TAME 8260 (µg/kg)	Ethanol 8260 (µg/kg)	Primary Soil Type USCS
DP-2	11/20/2006														
10		**1.2**	-	-	<1.1	**14**	**77**	**110**	<2.2	**36**	<2.2	<2.2	<2.2		sw
15		<0.20	-	-	<0.99	**4.1**	**2.6**	**13**	<2.0	**160**	<2.0	<2.0	<2.0		sm/sw
20		<0.19	-	-	<1.0	<1.0	<1.0	**2.4**	<2.0	<20	<2.0	<2.0	<2.0		ml
DP-3	11/20/2006														
7		<0.20	-	-	<0.99	<0.99	<0.99	<0.99	<2.0	<20	<2.0	<2.0	<2.0		sp
10		**1**	-	-	<0.98	<0.98	<0.98	<0.98	<2.0	580	<2.0	<2.0	<2.0		sm
15		<0.20	-	-	<1.2	<1.2	<1.2	<1.2	<2.3	<23	<2.3	<2.3	<2.3		sp
20		<0.20	-	-	<0.92	<0.92	<0.92	<0.92	<1.8	<18	<1.8	<1.8	<1.8		ml
DP-4	11/20/2006														
7		<0.20	-	-	<1.2	<1.2	<1.2	<1.2	<2.4	<24	<2.4	<2.4	<2.4		sm
10		<0.20	-	-	<0.99	<0.99	<0.99	<0.99	<2.0	<20	<2.0	<2.0	<2.0		sm
15		<0.20	-	-	<0.99	<0.99	<0.99	<0.99	<2.0	<20	<2.0	<2.0	<2.0		sm
20		<0.20	-	-	<0.99	<0.99	<0.99	<0.99	<2.0	<20	<2.0	<2.0	<2.0		sw
DP-5	11/20/2006														
7		**1.1**	-	-	<0.99	<1.2	**20**	**37**	<2.0	**79**	<2.0	<2.0	<2.0		gp/sw
10		<0.19	-	-	<1.0	<0.99	<1.0	<1.0	<2.0	<20	<2.0	<2.0	<2.0		gp/sw
15		<0.20	-	-	<0.99	<0.99	<0.99	<0.99	<2.0	<20	<2.0	<2.0	<2.0		sm
20		<0.20	-	-	<0.99	<0.99	<0.99	<0.99	<2.0	<20	<2.0	<2.0	<2.0		ml
DP-6	11/20/2006														
7		**0.44**	-	-	<1.0	<1.0	<1.0	<1.0	<2.0	**30**	<2.0	<2.0	<2.0		sm
10		**680**	-	-	<9.8	<9.8	**140**	<9.8	<2.0	<20	<2.0	<2.0	<2.0		sm
15		<0.20	-	-	<1.0	<1.0	<1.0	<1.0	<2.0	<20	<2.0	<2.0	<2.0		sm
20		<0.21	-	-	<0.99	<0.99	<0.99	<0.99	<2.0	<20	<2.0	<2.0	<2.0		sm
DP-7	11/20/2006														
7		**400**	-	-	**10**	**10**	**900**	**7,200**	<9.6	**180**	<9.6	<9.6	<9.6		ml
10		<0.22	-	-	<1.0	<1.0	<1.0	16	<2.0	28	<2.0	<2.0	<2.0		ml
15		<0.19	-	-	<1.0	<1.0	<1.0	<2.0	<2.0	<20	<2.0	<2.0	<2.0		sm
20		<0.22	-	-	<0.99	<0.99	<0.99	<2.0	<2.0	<20	<2.0	<2.0	<2.0		sp
DP-8	11/20/2006														
7		<0.20	-	-	<1.0	<1.0	<1.0	<1.0	<2.0	<20	<2.0	<2.0	<2.0		ml
10		<0.19	-	-	<0.99	<0.99	<0.99	<0.99	<2.0	<20	<2.0	<2.0	<2.0		ml
15		<0.19	-	-	<0.99	<0.99	<0.99	<0.99	<2.0	<20	<2.0	<2.0	<2.0		ml
20		<0.20	-	-	<1.0	<1.0	<1.0	<1.0	<2.0	<20	<2.0	<2.0	<2.0		ml
MW-1	6/22/2007														
10		<0.19	-	-	<0.97	<0.97	<0.97	<1.9	<1.9	<19	<1.9	<1.9	<1.9		ml
15		<0.19	-	-	<0.93	<0.93	<0.93	<1.9	<1.9	<19	<1.9	<1.9	<1.9		ml
20		<0.20	-	-	<1.0	<1.0	<1.0	<2.0	<2.0	<20	<2.0	<2.0	<2.0		ml
MW-2	10/1/2007														
10		<0.22	-	-	<1.1	<1.1	<1.1	<2.2	<2.2	<22	<2.2	<2.2	<2.2		ml
15		<0.21	-	-	<1.0	<1.0	<1.0	<2.1	<2.1	<21	<2.1	<2.1	<2.1		ml
20		<0.20	-	-	<1.0	<1.0	<1.0	<2.0	<2.0	<20	<2.0	<2.0	<2.0		ml
MW-3	7/2/2009														

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Sample ID and Depth feet	Date	TPH-G (mg/kg)	TPPH / GRO (µg/kg)	TRPH (µg/kg)	Benzene (µg/kg)	Toluene (µg/kg)	Ethyl-benzene (µg/kg)	Total Xylenes (µg/kg)	MTBE 8260 (µg/kg)	TBA 8260 (µg/kg)	DIPE 8260 (µg/kg)	ETBE 8260 (µg/kg)	TAME 8260 (µg/kg)	Ethanol 8260 (µg/kg)	Primary Soil Type USCS
5		<0.50	-	-	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<10	<10	<10		ml
10		<0.50	-	-	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<10	<10	<10		ml
15		<0.50	-	-	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<10	<10	<10		ml
20		<0.50	-	-	<5.0	<5.0	<5.0	<5.0	<5.0	290	<10	<10	<10		ml
CB-1	11/15/2011														
5		<0.50	-	-	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<10	<10	<10		ml
10		<0.50	-	-	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<10	<10	<10		sm
15		<0.2	-	-	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0		sm
20		<0.2	-	-	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0		sm
CB-2	11/15/2011														
5		<0.50	-	-	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<10	<10	<10		ml
10		**3,200**	-	-	<2500	<2500	**53,000**	**24,000**	<2500	<25000	<5000	<5000	<5000		ml
15		<0.50	-	-	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<10	<10	<10		sp
20		<0.2	-	-	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0		sp
25		<0.2	-	-	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0		ml
CB-3	11/15/2011														
5		<0.50	-	-	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<10	<10	<10		ml
10		**2,800**	-	-	**37,000**	**350,000**	**160,000**	**860,000**	<10000	<100000	<20000	<20000	<20000		sm
15		<0.48	-	-	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<10	<10	<10		sm
20		<0.2	-	-	<5.0	<5.0	<5.0	<10	<5.0	**110**	<5.0	<5.0	<5.0		sm
25		<0.2	-	-	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0		ml
CB-4	11/16/2011														
5		**1.5**	-	-	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<10	<10	<10		ml
10		**6,000**	-	-	<5000	<5000	**150,000**	**540,000**	<5000	<50000	<10000	<10000	<10000		sm
15		<0.2	-	-	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0		sm
20		<0.2	-	-	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0		sm
25		<0.2	-	-	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0		ml
CB-5	11/16/2011														
5		**85**	-	-	<500	<500	<500	<500	<500	<5000	<1000	<1000	<1000		ml
10		**8,800**	-	-	**11,000**	**220,000**	**190,000**	**1,200,000**	<10000	<100000	<20000	<20000	<20000		ml
15		**0.64**	-	-	<5.0	**21**	**46**	**110**	<5.0	<50	<10	<10	<10		sm
20		<0.50	-	-	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<10	<10	<10		sm
25		<0.2	-	-	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0		ml
30		<0.2	-	-	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0		ml
CB-6	11/17/2011														
5		<0.50	-	-	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<10	<10	<10		ml
10		**190**	-	-	<500	<500	**2,800**	<500	<500	<5000	<1000	<1000	<1000		ml
15		<0.50	-	-	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0		sp
20		<0.2	-	-	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0		sp
25		<0.2	-	-	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0		ml
CB-7	11/17/2011														
5		<0.50	-	-	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<10	<10	<10		ml
10		**2.9**	-	-	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<10	<10	<10		sm
15		<0.52	-	-	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<10	<10	<10		sm
20		<0.2	-	-	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0		ml

TABLE 2
SOIL ANALYTICAL DATA
Shell-Branded Service Station
20001 Brookhurst Street, Huntington Beach

Sample ID and Depth feet	Date	TPH-G (mg/kg)	TPPH / GRO (µg/kg)	TRPH (µg/kg)	Benzene (µg/kg)	Toluene (µg/kg)	Ethyl-benzene (µg/kg)	Total Xylenes (µg/kg)	MTBE 8260 (µg/kg)	TBA 8260 (µg/kg)	DIPE 8260 (µg/kg)	ETBE 8260 (µg/kg)	TAME 8260 (µg/kg)	Ethanol 8260 (µg/kg)	Primary Soil Type USCS
25		<0.2	-	-	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0		ml
CB-8	11/17/2011														
5		**760**	-	-	<500	<500	**20,000**	**3,900**	<500	<5000	<1000	<1000	<1000		sm
10		**330**	-	-	<500	<500	**1,600**	<500	<500	<5000	<1000	<1000	<1000		gp
15		<0.2	-	-	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0		sm
20		**0.22**	-	-	<5.0	<5.0	<5.0	<10	**5.8**	<5.0	<5.0	<5.0	<5.0		sm
MW-4	6/18&27/2012														
5		ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10	ND<250	sm
10		**2.2 b**	-	-	**65**	ND<5.0	**16**	**8.5**	ND<5.0	ND<50	ND<10	ND<10	ND<10	ND<250	sm
15		ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	**300**	ND<10	ND<10	ND<10	ND<250	sm
20		ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	**150**	ND<10	ND<10	ND<10	ND<250	sm
25		ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	**190**	ND<10	ND<10	ND<10	ND<250	sm
30		ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10	ND<250	sm
35		ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	**220**	ND<10	ND<10	ND<10	ND<250	sm
MW-5	6/28/2012														
5		**0.86 b**	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10	ND<250	sm
10		**1,100**	-	-	ND<5000	ND<5000	**12,000**	**41,000**	ND<5000	ND<50000	ND<10000	ND<10000	ND<10000	ND<250000	ml
15		ND<0.50	-	-	ND<5.0	**34**	**19**	**100**	ND<5.0	ND<50	ND<10	ND<10	ND<10	ND<250	sm
20		ND<0.50	-	-	ND<5.0	**9.3**	**12**	**63**	**7.7**	**190**	ND<10	ND<10	ND<10	ND<250	sm
25		ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	**31**	**80**	ND<10	ND<10	ND<10	ND<250	cl
30		ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10	ND<250	sm
35		ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10	ND<250	sm
GP-10	6/22/2012														
5		ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10	ND<250	sm
10		**530 b**	-	-	ND<1000	ND<1000	**9,000**	ND<1000	ND<1000	ND<10000	ND<2000	ND<2000	ND<2000	ND<50000	ml
15		ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	**8.9**	ND<5.0	ND<50	ND<10	ND<10	ND<10	ND<250	sm
20		ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	**9.8**	**210**	ND<10	ND<10	ND<10	ND<250	sm
GP-11	6/22/2012														
5		ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10	ND<250	ml
10		**1,100**	-	-	ND<2500	ND<2500	**22,000**	**74,000**	ND<2500	ND<25000	ND<5000	ND<5000	ND<5000	ND<120000	ml
15		ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	**5.8**	ND<5.0	ND<50	ND<10	ND<10	ND<10	ND<250	sm
20		ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	**6**	**240**	ND<10	ND<10	ND<10	ND<250	sm
GP-12	6/22/2012														
5		**12**	-	-	ND<5.0	ND<5.0	**17**	**150**	ND<5.0	ND<50	ND<10	ND<10	ND<10	ND<250	sm
10		**1,900**	-	-	**4,600**	ND<2500	**55,000**	**250,000**	ND<2500	ND<25000	ND<5000	ND<5000	ND<5000	ND<120000	sm
15		ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10	ND<250	ml
20		ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	**110**	ND<10	ND<10	ND<10	ND<250	ml
GP-13	6/22/2012														
5		**1.7 b**	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10	ND<250	ml
10		**2,500**	-	-	ND<2500	**4,200**	**42,000**	**210,000**	ND<2500	ND<25000	ND<5000	ND<5000	ND<5000	ND<120000	ml
15		**290 b**	-	-	ND<5.0	ND<5.0	**8.5**	**9.2**	ND<5.0	ND<50	ND<10	ND<10	ND<10	ND<250	sm
20		ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10	ND<250	ml
GP-14	6/20&21/2012														
5		ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10	ND<250	sm

TABLE 2
SOIL ANALYTICAL DATA
Shell-Branded Service Station
20001 Brookhurst Street, Huntington Beach

Sample ID and Depth feet	Date	TPH-G (mg/kg)	TPPH / GRO (µg/kg)	TRPH (µg/kg)	Benzene (µg/kg)	Toluene (µg/kg)	Ethyl-benzene (µg/kg)	Total Xylenes (µg/kg)	MTBE 8260 (µg/kg)	TBA 8260 (µg/kg)	DIPE 8260 (µg/kg)	ETBE 8260 (µg/kg)	TAME 8260 (µg/kg)	Ethanol 8260 (µg/kg)	Primary Soil Type USCS
10		ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10	ND<250	sm
15		ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10	ND<250	sm
20		ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10	ND<250	sm
GP-15	6/20&21/2012														
5		ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10	ND<250	sm
10		ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10	ND<250	sm
15		ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10	ND<250	sm
20		ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10	ND<250	sm
GP-16	6/20&21/2012														
5		ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10	ND<250	sm
10		ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10	ND<250	cl
15		ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10	ND<250	sm
20		ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10	ND<250	ml
GP-17	6/25/2012														
5		**810**	-	-	ND<2500	ND<2500	**6,600**	**8,300**	ND<2500	ND<25000	ND<5000	ND<5000	ND<5000	ND<120000	sm
10		ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10	ND<250	sm
15		ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10	ND<250	sm
20		ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	**5.4**	**58**	ND<10	ND<10	ND<10	ND<250	sm
GP-18	6/21&22/2012														
5		**510**	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10	ND<250	ml
10		ND<0.50	-	-	ND<500	ND<500	**1,000**	ND<500	ND<500	ND<5000	ND<1000	ND<1000	ND<1000	ND<25000	cl
15		ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10	ND<250	ml
20		ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10	ND<250	sm
GP-19	6/19&20/2012														
5		ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10	ND<250	ml
10		ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10	ND<250	cl
15		ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10	ND<250	sm
20		ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10	ND<250	sm
GP-20	6/19&20/2012														
5		ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10	ND<250	ml
10		ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10	ND<250	cl
15		ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10	ND<250	sm
20		ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10	ND<250	sm
GP-21	6/19&20/2012														
5		ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10	ND<250	ml
10		ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10	ND<250	ml
15		ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10	ND<250	ml
20		ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10	ND<250	sm
GP-22	6/21/2012														
5		ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10	ND<250	sm
10		ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10	ND<250	ml
15		ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10	ND<250	ml
20		ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10	ND<250	ml

TABLE 2
SOIL ANALYTICAL DATA
Shell-Branded Service Station
20001 Brookhurst Street, Huntington Beach

Sample ID and Depth feet	Date	TPH-G (mg/kg)	TPPH / GRO (µg/kg)	TRPH (µg/kg)	Benzene (µg/kg)	Toluene (µg/kg)	Ethyl-benzene (µg/kg)	Total Xylenes (µg/kg)	MTBE 8260 (µg/kg)	TBA 8260 (µg/kg)	DIPE 8260 (µg/kg)	ETBE 8260 (µg/kg)	TAME 8260 (µg/kg)	Ethanol 8260 (µg/kg)	Primary Soil Type USCS
GP-23	6/20&21/2012														
5		ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10	ND<250	sm
10		ND<0.50	-	-	ND<500	ND<500	ND<500	ND<500	ND<500	ND<5000	ND<1000	ND<1000	ND<1000	ND<25000	sm
15		ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10	ND<250	sm
20		ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10	ND<250	sm
D4-d3	9/10/2012	0.61	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10		
D3-d3	9/10/2012	ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10		
D1-d3	9/10/2012	820	-	-	ND<1000	ND<1000	ND<1000	2300	ND<1000	ND<10000	ND<2000	ND<2000	ND<2000		
D2-d3	9/10/2012	1800	-	-	ND<2500	ND<2500	ND<2500	12000	ND<2500	ND<25000	ND<5000	ND<5000	ND<5000		
PL-1-d3	9/10/2012	3.2	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10		
PL-3-d3	9/10/2012	ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10		
PL-5-d3	9/10/2012	ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10		
PL 4-d3	9/10/2012	ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10		
PL 2-d3	9/10/2012	ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10		
PL-6-d3	9/10/2012	ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10		
T1-SWN	9/10/2012	ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10		
T2-SWN	9/10/2012	ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10		
T3-SWN	9/10/2012	ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10		
SP-1	9/10/2012	ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10		
SP-2	9/10/2012	ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10		
WO-SW-N	9/10/2012	ND<0.50	-	68	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10		
WO-SW-S	9/10/2012	ND<0.50	-	20	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10		
H1-d10	9/10/2012	ND<0.50	-	11	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10		
H2-d10	9/10/2012	ND<0.50	-	61	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10		
H3-d8	9/10/2012	ND<0.50	-	31	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10		
H4-d8	9/10/2012	ND<0.50	-	18	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10		
SP-1	9/26/2012	-	ND<500	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10	ND<500	
SP-2a	9/26/2012	-	ND<500	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10	ND<500	
SP-2b	9/26/2012	-	ND<500	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10	ND<500	
Excavation A	9/28/12 & 10/10/12														
EX-Ad10		-	61000	-	ND<500	ND<500	ND<500	ND<500	ND<500	ND<5000	ND<1000	ND<1000	ND<1000	ND<50000	
SWS-Ad6		-	1100000	-	ND<2500	3500	12000	95000	ND<2500	ND<25000	ND<5000	ND<5000	ND<5000	ND<500	
SWW-Ad6		-	ND<500	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10	ND<250000	
SWE-Ad6		-	460000	-	ND<1000	ND<1000	4600	22000	ND<1000	ND<10000	ND<2000	ND<2000	ND<2000	ND<50000	
SWN-Ad6		-	2600	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	58	ND<10	ND<10	ND<10	ND<500	
SSWS-A-8'		-	320000	-	ND<500	ND<500	ND<500	ND<500	ND<500	ND<5000	ND<1000	ND<1000	ND<1000		
Excavation B	9/28/12 & 10/9/12													ND<50000	
EX-Bd12		-	51000	-	ND<5.0	ND<5.0	57	13	ND<5.0	ND<50	ND<10	ND<10	ND<10	ND<500	
NSWS-B-8'		-	ND<500	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10		ND<500	
WSWS-B-8'		-	70000	-	ND<13	ND<52	ND<15	ND<56	ND<30	ND<520	ND<48	ND<51	ND<35	ND<500	
SSWS-B-8'		-	ND<500	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10		
ESWS-B-8'		-	ND<500	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10		
														ND<500	
Excavation C	9/28/12													ND<50000	
EX-Cd12		-	900000	-	230 J	590 J	8700	4400	ND<150	ND<2600	ND<240	ND<250	ND<180	ND<500	
SWN-Cd8		-	2400	-	ND<5.0	ND<5.0	ND<5.0	6.8	ND<5.0	ND<50	ND<10	ND<10	ND<10	ND<250	
SWW-Cd8		-	ND<500	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10	ND<500	
SWE-Cd8		-	2300	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10		

TABLE 2
SOIL ANALYTICAL DATA
Shell-Branded Service Station
20001 Brookhurst Street, Huntington Beach

Sample ID and Depth feet	Date	TPH-G (mg/kg)	TPPH / GRO (µg/kg)	TRPH (µg/kg)	Benzene (µg/kg)	Toluene (µg/kg)	Ethyl-benzene (µg/kg)	Total Xylenes (µg/kg)	MTBE 8260 (µg/kg)	TBA 8260 (µg/kg)	DIPE 8260 (µg/kg)	ETBE 8260 (µg/kg)	TAME 8260 (µg/kg)	Ethanol 8260 (µg/kg)	Primary Soil Type USCS
Excavation D	9/28/12														
SWN-Dd8		-	130000	-	ND<500	ND<500	530	ND<500	ND<500	ND<5000	ND<1000	ND<1000	ND<1000		
SWE-Dd8		-	1100	-	9.2	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10		
EX-Dd12		-	1200000	-	ND<2500	47000	19000	110000	ND<2500	ND<25000	ND<5000	ND<5000	ND<5000		
SWW-Dd8		-	ND<50000	-	ND<500	ND<500	ND<500	610	ND<500	ND<5000	ND<1000	ND<1000	ND<1000		
SWS-Dd8		-	1500	-	ND<5.0	ND<5.0	ND<5.0	25	ND<5.0	ND<50	ND<10	ND<10	ND<10		
Excavation E	9/28/12 & 10/9/12														
Ex-Ed12		-	300000	-	1800	6200	4300	17000	ND<500	ND<5000	ND<1000	ND<1000	ND<1000		
WSWS-E-8'		-	ND<500	-	28	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10		
NSWS-E-8'		-	ND<500	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10		
SSWS-E-8'		-	ND<500	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10		
Excavation F	9/28/12 & 10/2/12														
SWE-Fd8		-	14000	-	28	ND<5.0	ND<5.0	19	ND<5.0	ND<50	ND<10	ND<10	ND<10		
SWN-Fd8		-	140000	-	ND<500	ND<500	ND<500	ND<500	ND<500	ND<5000	ND<1000	ND<1000	ND<1000		
SWW-Fd8		-	ND<500	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10		
EX-FSWd6		ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10		
EX-Fd12		-	ND<500	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10		

Notes:
1. ND - Not detected
2. TBA - Tertiary-butyl alcohol
3. DIPE - Diisopropyl ether
4. ETBE - Ethyl tertiary-butyl ether
5. TAME - Tertiary-amyl methyl ether
6. MTBE - Methyl tertiary-butyl ether
7. TPPH - Total Petroleums as Hydrocarbons
8. GRO - Gasoline Range Organics (C4-C12)
9. TRPH - Total Recoverable Petroleum Hydrocarbons

TABLE 3
HISTORICAL GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
20001 Brookhurst Street, Huntington Beach

WELL	DATE GAUGED	DATE SAMPLED	DEPTH TO GW (feet)	SPH THICKN. (feet)	GW ELEV. (relative to MSL)	WELL DEPTH (feet)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL-BENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE 8020/8021 (ug/L)	MTBE 8260 (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	COMMENTS
B-1					**Top of casing elevation (ft): 12.00**					**Screen Interval: 5 to 35**								
B-1	04/24/92		9.25	0.00	2.75	35.40	ND<500	ND	ND	ND	ND							
B-1	06/30/92		10.42	0.00	1.58	35.48	ND<500	ND	ND	ND	ND							
B-1	09/16/92		11.74	0.00	0.26	35.02	ND<500	ND	ND	ND	ND							
B-1	01/12/93		10.92	0.00	1.08	35.40	ND<500	ND	ND	ND	ND							
B-1	03/22/93		8.84	0.00	3.16	35.55	ND<500	ND	ND	ND	ND							
B-1	05/03/93		8.73	0.00	3.27	34.77	ND<500	ND	ND	ND	ND							
B-1	07/21/93		9.85	0.00	2.15	35.26	ND<500	ND	3.2	4.1	8.3							
B-1	10/25/93		11.34	0.00	0.66	35.28	ND<500	ND	ND	ND	ND							
B-1	12/03/93		10.93	0.00	1.07	35.24												
B-1	02/02/94		10.05	0.00	1.95	35.13												
B-1	02/12/94		9.91	0.00	2.09	34.98												
B-1	02/19/94		9.67	0.00	2.33	34.04												
B-1	02/26/94		9.32	0.00	2.68	35.07	ND<500	2.8	21.9	4.1	22.3							
B-1	03/10/94		9.08	0.00	2.92	35.03												
B-1	04/27/94		8.70	0.00	3.30	35.00	ND<500	1.4	3.2	0.9	5.3							
B-1	07/27/94		9.92	0.00	2.08	34.85	ND<500	ND	ND	ND	ND							
B-1	08/17/94		10.21	0.00	1.79	34.69												
B-1	12/19/94		10.09	0.00	1.91	34.58	ND<500	ND	ND	ND	ND							
B-1	02/15/95		8.40	0.00	3.60	34.46	ND<500	ND	ND	ND	ND							
B-1	04/13/95		8.33	0.00	3.67	33.91	ND<500	ND	ND	ND	ND							
B-1	07/13/95		9.61	0.00	2.39	33.82	ND<500	0.4	1.3	0.5	1.9							
B-1	10/10/95		11.15	0.00	0.85	33.51	ND<500	ND	ND	ND	ND							
B-1	01/24/96		11.15	0.00	0.85	32.94	ND<500	3.4	14.8	5.6	30.7							
B-1	04/22/96		9.01	0.00	2.99	32.79	ND<500	ND	ND	ND	ND	ND						
B-1	07/25/96		10.57	0.00	1.43	32.45	ND<500	ND	ND	ND	ND	ND						
B-1	02/17/97		8.99	0.00	3.01	32.36												
B-1	05/15/97		9.78	0.00	2.22	32.41												
B-1	09/11/97		11.92	0.00	0.08	32.40	ND<500	ND	0.5	ND	0.5	ND						
B-1	12/05/97		12.10	0.00	-0.10	32.55												
B-1	02/27/98		9.27	0.00	2.73	32.48	ND<500	ND	ND	ND	ND	ND						
B-1	04/08/98		9.64	0.00	2.36	32.46												
B-1	08/17/98		11.39	0.00	0.61	32.32	ND<500	1.6	ND	ND	7.8	ND						
B-1	10/20/98		11.94	0.00	0.06	32.37												Not sampled
B-1	01/08/99		10.90	0.00	1.10	32.36												Not sampled
B-1	04/01/99		10.39	0.00	1.61	32.33												Not sampled
B-1					**Top of casing elevation (ft): 14.18**													
B-1	07/02/99		10.45	0.00	3.73	32.32												Not sampled
B-1	10/22/99		12.32	0.00	1.86	32.35												Not sampled
B-1	02/03/00		11.19	0.00	2.99	32.19												Not sampled
B-1	04/25/00		9.40	0.00	4.78	31.92	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<5.0						
B-1	07/24/00		12.38	0.00	1.80	32.25	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<5.0						
B-1	10/24/00		13.22	0.00	0.96	32.29												Not sampled
B-1	02/09/01		11.25	0.00	2.93	32.37												
B-1	03/06/01		9.64	0.00	4.54	32.35	ND<500	ND<0.50	ND<1.0	ND<1.0	ND<2.0		ND<1.0	ND<50	ND<2.0	ND<2.0	ND<2.0	
B-1	06/29/01																	Well covered with asphalt
B-1	09/07/01																	Well abandoned
B-2					**Top of casing elevation (ft): 11.88**					**Screen Interval: 5 to 35**								
B-2	04/24/92		9.89	0.01	1.99	34.90												
B-2	05/19/92		10.08	0.00	1.80	34.14	ND<500	7	7	ND	40							
B-2	06/30/92		11.01	0.00	0.87	35.08	1600	100	200	100	300							
B-2	09/16/92		11.88	0.00	0.00	35.05	1200	62.6	56.7	32.1	71.6							
B-2	01/12/93		11.18	0.00	0.70	36.91	700	101.2	14.1	ND	101.3							
B-2	03/22/93		8.65	0.00	3.23	35.05	8900	633.7	1168.7	ND	1976.6							
B-2	05/03/93		8.89	0.00	2.99	35.04	6800	471.2	1614.2	118.6	1784.1							
B-2	07/21/93		9.82	0.00	2.06	34.91	2600	156	328	238	746							

TABLE 3
HISTORICAL GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
20001 Brookhurst Street, Huntington Beach

WELL	DATE GAUGED	DATE SAMPLED	DEPTH TO GW (feet)	SPH THICKN. (feet)	GW ELEV. (relative to MSL)	WELL DEPTH (feet)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL-BENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE 8020/8021 (ug/L)	MTBE 8260 (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	COMMENTS
B-2RD					**Top of casing elevation (ft): n/a.**					**Screen Interval: 7 to 22**								
B-2RD	10/25/93		10.61	0.00		21.78	3100	35	208.9	92.5	495.8							
B-2RD	12/03/93		10.68	0.00		21.77												
B-2RD	02/02/94		10.42	0.00		21.77												
B-2RD	02/12/94		10.28	0.00		21.75												
B-2RD	02/19/94		9.96	0.00		21.74												
B-2RD	02/26/94		9.73	0.00		21.79	2700	136	250.9	213.7	581.5							
B-2RD	03/10/94		9.57	0.00		21.79												
B-2RD	04/27/94		9.11	0.00		21.77	3500	154	176.3	268.6	441.4							
B-2RD	07/27/94		9.74	0.00		21.76	5200	224.6	291.6	406.2	659.1							
B-2RD	08/17/94		9.97	0.00		21.80												
B-2RD	12/19/94		10.36	0.00		21.82	ND<500	4.4	6.2	43.2	28.6							
B-2RD					**Top of casing elevation (ft): 11.91**													
B-2RD	02/15/95		8.27	0.00	3.64	21.82	9600	260.1	679.6	732.6	1414.7							
B-2RD	04/13/95		8.00	0.00	3.91	21.79	6400	708.3	663.5	929.6	1392.9							
B-2RD	07/13/95		8.23	0.00	3.68	21.10	5300	139.8	311.3	358.5	564.1							
B-2RD	10/10/95		9.25	0.00	2.66	21.06	5200	115.1	301.4	367.1	584.5							
B-2RD	01/24/96		9.02	0.00	2.89	21.00	6200	163.7	397.9	527.3	861.5							
B-2RD	04/22/96		7.81	0.00	4.10	21.05	8600	210	370	740	1000	140						
B-2RD	07/25/96		6.56	0.00	5.35	21.00	6100	100	220	470	650	ND<10						
B-2RD	02/17/97		7.56	0.00	4.35	21.03	9000	140	350	530	750	50						
B-2RD	05/15/97		8.51	0.00	3.40	21.09	4200	71	130	380	450	10						
B-2RD					**Top of casing elevation (ft): 11.17**													
B-2RD	09/11/97		9.66	0.00	1.51	21.10	4800	48	3.8	ND	4.3	ND						
B-2RD	12/05/97		10.09	0.00	1.08	21.06	1100	17	46	65	10	30						
B-2RD	02/27/98		6.81	0.00	4.36	21.05												
B-2RD	04/08/98		7.17	0.00	4.00	21.07	4100	69	160	340	540	60						
B-2RD	08/17/98		8.77	0.00	2.40	21.03	ND<500	340	700	2300	4300	130						
B-2RD	10/20/98		9.32	0.00	1.85	21.02	3500	160	120	300	890	150						
B-2RD	01/08/99		9.35	0.00	1.82	21.03	3000	28	44	150	520	140						
B-2RD	04/01/99		9.08	0.00	2.09	21.07	4000	79	76	190	290	320						
B-2RD					**Top of casing elevation (ft): 13.32**													
B-2RD	07/02/99		8.97	0.00	4.35	21.03	1700	40	20	210	200	130						No purge sample
B-2RD	10/22/99		9.88	0.00	3.44	21.06	5300	70	68	360	600	160						No purge sample
B-2RD	02/03/00		9.91	0.00	3.41	20.90	2500	26	12	140	160	96						No purge sample
B-2RD	04/25/00		8.64	0.00	4.68	20.61	3200	34	25	220	340	94						
B-2RD	07/24/00		9.54	0.00	3.78	21.08	4500	55	53	400	720	78						
B-2RD	10/24/00		9.90	0.00	3.42	21.00	13000	240	120	630	960	1100						
B-2RD	11/28/00		9.83	0.00	3.49	21.01							66	ND<500	280	ND<20	ND<20	
B-2RD	02/09/01		8.88	0.00	4.44	21.08	11000	210	150	1000	1750		29	ND<500	140	ND<20	ND<20	
B-2RD	03/06/01		7.28	0.00	6.04	21.04												
B-2RD	06/29/01		8.30	0.00	5.02	21.05	14000	220	140	1700	2370		ND<10	ND<500	71	ND<20	ND<20	
B-2RD	09/07/01		8.84	0.00	4.48	20.98	12000	190	68	890	960		25	ND<100	77	ND<10	ND<10	
B-2RD	12/10/01		9.81	0.00	3.51	20.98	1400	11	3	150	74		40	ND<500	27	ND<10	ND<10	
B-2RD	02/06/02		10.42	0.00	2.90	20.92	290	2	ND<1.0	4	3		14	ND<50	10	ND<10	ND<10	
B-2RD	05/16/02		10.08	0.00	3.24	20.95	5800	1300	430	100	520		1100	22000	93	ND<10	ND<10	Sampled from port
B-2RD	08/02/02		9.52	0.00	3.80	20.95	870	14	2	170	57		6	ND<50	ND<10	ND<10	ND<10	
B-2RD	11/07/02		9.90	0.00	3.42	21.14	790	2.0	2.1	30	9.7		8.0	ND<10	6.4	ND<2.0	ND<2.0	
B-2RD	02/04/03		9.79	0.00	3.53	21.14	2400	4.2	6.2	400	127		9.8	ND<10	7.0	ND<2.0	ND<2.0	
B-2RD	05/07/03		8.11	0.00	5.21	21.14	2200	ND<2.5	ND<5.0	480	81		ND<5.0	ND<50	ND<10	ND<10	ND<10	
B-2RD	08/08/03		10.22	0.00	3.10	21.14	250	ND<1.0	ND<2.0	2.5	ND<2.0		140.0	ND<20	ND<4.0	ND<4.0	ND<4.0	
B-2RD	11/07/03		9.54	0.00	3.78	20.90	480	ND<0.50	ND<1.0	30	1.3		25	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-2RD	02/06/04		9.54	0.00	3.78	20.90	330	ND<0.50	ND<1.0	59	1.5		3.3	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-2RD	05/04/04		8.80	0.00	4.52	20.85	680	ND<0.50	ND<1.0	71	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-2RD	08/05/04		9.04	0.00	4.28	20.85	950	ND<0.50	1.5	90	5.4		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-2RD	11/18/04		8.15	0.00	5.17	20.89	940	ND<0.50	ND<1.0	40	1.5		7.4	ND<10	ND<2.0	ND<2.0	ND<2.0	

TABLE 3
HISTORICAL GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
20001 Brookhurst Street, Huntington Beach

WELL	DATE GAUGED	DATE SAMPLED	DEPTH TO GW (feet)	SPH THICKN. (feet)	GW ELEV. (relative to MSL)	WELL DEPTH (feet)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL-BENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE 8020/8021 (ug/L)	MTBE 8260 (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	COMMENTS
B-2RD	02/04/05		7.10	0.00	6.22	20.85	1700	ND<0.50	ND<1.0	26	ND<1.0		5.6	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-2RD	05/12/05		7.27	0.00	6.05	20.83	1000	ND<0.50	ND<1.0	12	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-2RD	08/05/05		8.15	0.00	5.17	20.86	1000	ND<0.5	ND<1.0	11	ND<1.0		3.2	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-2RD	11/23/05		7.83	0.00	5.49	20.90	590	ND<0.50	ND<2.0	3.9	ND<4.0		13.0	ND<25	ND<5.0	ND<5.0	ND<5.0	
B-2RD	02/09/06		7.53	0.00	5.79	20.93	782	ND<0.50	ND<0.50	2.52	ND<0.50		6.93	ND<10	0.74	ND<0.50	ND<0.50	
B-2RD	05/09/06		7.33	0.00	5.99	20.80	1300	ND<0.50	ND<0.50	8.4	ND<1.0		8.80	ND<10	ND<1.0	ND<1.0	ND<1.0	
B-2RD	08/24/06		7.76	0.00	5.56	20.82	640	ND<0.50	ND<1.0	6	ND<1.0		18	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-2RD	11/17/06		8.49	0.00	4.83	20.77	420	ND<0.50	ND<0.50	1.3	ND<1.0		12	ND<10	ND<1.0	ND<1.0	ND<1.0	
B-2RD	03/02/07		8.60	0.00	4.72	20.71	420	ND<0.50	ND<0.50	0.88	ND<1.0		8.0	ND<10	ND<1.0	ND<1.0	ND<1.0	
B-2RD	06/05/07		8.47	0.00	4.85	20.78	320	ND<0.50	ND<0.50	1.6	ND<1.0		4.6	ND<10	ND<1.0	ND<1.0	ND<1.0	
B-2RD	09/10/07		8.80	0.00	4.52	20.72	570	ND<0.50	ND<0.50	2.2	ND<1.0		2.6	ND<10	ND<1.0	ND<1.0	ND<1.0	
B-2RD	10/29/07		8.53	0.00	4.79	20.81	630	ND<0.50	ND<0.50	ND<0.50	ND<1.0		2.3	ND<10	ND<1.0	ND<1.0	ND<1.0	
B-2RD	03/25/08		8.54	0.00	4.78	20.78	620	ND<0.50	ND<1.0	3.2	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-2RD	06/23/08		8.04	0.00	5.28	20.80	650	ND<0.50	ND<1.0	4.1	ND<1.0		1.4	11	ND<2.0	ND<2.0	ND<2.0	
B-2RD	09/02/08	09/02/08	7.83	0.00	5.49	20.92	610	ND<0.50	ND<1.0	4.9	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-2RD	12/11/08	12/11/08	8.80	0.00	4.52	21.01	520	ND<0.50	ND<1.0	2.0	ND<1.0		1.4	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-2RD	03/04/09	03/04/09	8.37	0.00	4.95	20.89	570	ND<0.50	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-2RD	06/02/09	06/02/09	9.00	0.00	4.32	20.85	470	ND<0.50	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-2RD	07/28/09	07/28/09	9.34	0.00	3.98	20.85	510	ND<0.50	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-2RD	11/06/09		9.43	0.00	3.89	20.85	280	ND<0.50	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-2RD	03/03/10		7.18	0.00	6.14	20.84	280	ND<0.50	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-2RD	06/01/10		8.39	0.00	4.93	20.84	370	ND<0.50	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-2RD	08/31/10		8.02	0.00	5.30	20.90	61	ND<0.50	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-2RD	12/01/10		7.61	0.00	5.71	20.87	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-2RD	03/02/11	03/02/11	6.48	0.00	6.84	19.96	370	ND<1.0	ND<1.0	2.7	ND<2.0		0.56 J	ND<10	ND<5.0	ND<5.0	ND<5.0	
B-2RD	06/02/11	06/02/11	7.06	0.00	6.26	20.97	994	ND<2.0	ND<2.0	9.4	ND<4.0		ND<2.0	ND<20	ND<10	ND<10	ND<10	
B-2RD	09/06/11	09/06/11	7.71	0.00	5.61	20.96	1060	ND<2.0	ND<2.0	9.1	1.5 J		ND<2.0	ND<20	ND<10	ND<10	ND<10	
B-2RD	03/05/12	03/05/12	7.42	0.00	5.90	21.00	697	ND<1.0	0.26 J	4.1	0.54 J		0.32 J	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-2RD	09/11/12	09/11/12	7.96	0.00	5.36	20.95	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		1.2	ND<10	0.90J	ND<2.0	ND<2.0	
B-3					**Top of casing elevation (ft): 11.24**					**Screen Interval: 6 to 36**								
B-3	04/24/92		9.18	0.00	2.06	35.80	ND<500	ND	ND	ND	ND							
B-3	06/30/92		9.82	0.00	1.42	35.94	ND<500	20	ND	ND	ND							
B-3	09/16/92		10.89	0.00	0.35	35.92	ND<500	32.1	2.1	13	16.9							
B-3	01/12/93		10.39	0.00	0.85	35.79	ND<500	34.3	2.3	10.8	6.4							
B-3	03/22/93		8.05	0.00	3.19	35.90	ND<500	6.1	1.5	5.8	7.3							
B-3	05/03/93		8.13	0.00	3.11	35.90	ND<500	8.5	1.3	2	5.3							
B-3	07/21/93		9.04	0.00	2.20	35.85	ND<500	29.3	1.3	8.2	1.7							
B-3RD					**Top of casing elevation (ft): n/a.**					**Screen Interval: 7 to 22**								
B-3RD	10/25/93		9.34	0.00		21.76	2500	74	8.6	115.1	196							
B-3RD	12/03/93		9.47	0.00		22.80												
B-3RD	02/02/94		9.47	0.00		21.80												
B-3RD	02/12/94		9.26	0.00		22.80												
B-3RD	02/19/94		9.05	0.00		21.79												
B-3RD	02/26/94		8.81	0.00		21.81	1900	124.8	47.3	143.2	253.2							
B-3RD	03/10/94		8.58	0.00		21.80												
B-3RD	04/27/94		8.35	0.00		21.80	2900	129.2	15.3	148.4	215.7							
B-3RD	07/27/94		8.69	0.00		21.71	2600	148.7	63.2	140.5	272.3							
B-3RD	08/17/94		8.86	0.00		21.81												
B-3RD	12/19/94		9.31	0.00		21.83	3000	213.3	19.8	198	296.7							
B-3RD					**Top of casing elevation (ft): 11.14**													
B-3RD	02/15/95		7.36	0.00	3.78	21.85	2000	102.5	12.8	97.9	155.2							
B-3RD	04/13/95		7.15	0.00	3.99	21.79	1700	370.4	28.4	140.1	212.8							
B-3RD	07/13/95		7.61	0.00	3.53	21.57	1500	57.4	17.8	52.3	147							
B-3RD	10/10/95		8.66	0.00	2.48	21.52	2400	67.8	14.9	103.9	258.1							

TABLE 3
HISTORICAL GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
20001 Brookhurst Street, Huntington Beach

WELL	DATE GAUGED	DATE SAMPLED	DEPTH TO GW (feet)	SPH THICKN. (feet)	GW ELEV. (relative to MSL)	WELL DEPTH (feet)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL-BENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE 8020/8021 (ug/L)	MTBE 8260 (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	COMMENTS
B-3RD	01/24/96		8.56	0.00	2.58	21.51	1300	40.1	9.1	71.1	156.1							
B-3RD	04/22/96		7.49	0.00	3.65	21.54	3100	400	8.9	81	130	1520						
B-3RD	07/25/96		7.68	0.00	3.46	20.76	ND<500	1.6	11	1.7	6.6	620	540					
B-3RD	02/17/97		7.20	0.00	3.94	15.90												
B-3RD	05/15/97		7.96	0.00	3.18	15.10												
B-3RD					**Top of casing elevation (ft): 10.89**													
B-3RD	09/11/97		8.96	0.00	1.93	14.95	ND<500	2.3	3.9	12	6.1	90						
B-3RD	12/05/97		9.38	0.00	1.51	14.94												
B-3RD	02/27/98		6.42	0.00	4.47	14.94												
B-3RD	04/08/98		6.70	0.00	4.19	14.95												
B-3RD	08/17/98		8.00	0.00	2.89	14.52	ND<500	8.1	58	48	5.2	38						
B-3RD	10/20/98		8.51	0.00	2.38	14.71												Not sampled
B-3RD	01/08/99		8.66	0.00	2.23	14.78												Not sampled
B-3RD	04/01/99		8.27	0.00	2.62	14.70												Not sampled
B-3RD					**Top of casing elevation (ft): 13.05**													
B-3RD	07/02/99		8.27	0.00	4.78	14.70												Not sampled
B-3RD	10/22/99		9.05	0.00	4.00	14.69												Not sampled
B-3RD	02/03/00		9.19	0.00	3.86	14.61												Not sampled
B-3RD	04/25/00		8.02	0.00	5.03	14.26	ND<500	1.9	ND<0.3	ND<0.3	ND<0.6	15						
B-3RD	07/24/00		8.70	0.00	4.35	14.80	ND<500	ND<0.3	ND<0.3	ND<0.3	0.8	14						
B-3RD	10/24/00		9.08	0.00	3.97	14.74												Not sampled
B-3RD	02/09/01		8.14	0.00	4.91	14.85												
B-3RD	03/06/01		6.84	0.00	6.21	14.80	ND<500	ND<0.50	ND<1.0	ND<1.0	ND<2.0		16	60	ND<2.0	ND<2.0	ND<2.0	
B-3RD	06/29/01		7.65	0.00	5.40	14.84	1900	28	2.7	1.0	1.8		800	40000	ND<2.0	ND<2.0	ND<2.0	
B-3RD	09/07/01		8.29	0.00	4.76	15.15	260	2	4	3	7		50	13000	ND<10	ND<10	ND<10	
B-3RD	12/10/01		9.28	0.00	3.77	15.15	93	ND<1	ND<1	ND<1	ND<1		18	ND<500	ND<10	ND<10	ND<10	
B-3RD	02/06/02		9.82	0.00	3.23	15.33	140	ND<1.0	ND<1.0	ND<1.0	ND<1.0		15	ND<50	ND<10	ND<10	ND<10	
B-3RD	05/16/02		9.45	0.00	3.60	15.12	66	ND<1.0	1	2	4		9	ND<50	ND<10	ND<10	ND<10	
B-3RD	08/02/02		9.02	0.00	4.03	15.12	70	ND<1	ND<1	ND<1	ND<1.0		11	ND<50	ND<10	ND<10	ND<10	
B-3RD	11/07/02		9.35	0.00	3.70	15.23	62	0.94	2.5	ND<1.0	2.2		9.0	14	ND<2.0	ND<2.0	ND<2.0	
B-3RD	02/04/03		9.45	0.00	3.60	15.23	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		10	19	ND<2.0	ND<2.0	ND<2.0	
B-3RD	05/07/03		7.71	0.00	5.34	15.23	53	ND<0.50	ND<1.0	ND<1.0	ND<1.0		9.0	56	ND<2.0	ND<2.0	ND<2.0	
B-3RD	08/08/03		9.63	0.00	3.42	15.23	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		9.1	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-3RD	11/07/03		8.98	0.00	4.07	15.20	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		4.1	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-3RD	02/06/04		9.02	0.00	4.03	15.24	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		3.5	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-3RD	05/04/04		8.05	0.00	5.00	15.23	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		5.2	12	ND<2.0	ND<2.0	ND<2.0	
B-3RD	08/05/04		8.27	0.00	4.78	15.23	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		6.5	50	ND<2.0	ND<2.0	ND<2.0	
B-3RD	11/18/04		7.73	0.00	5.32	15.20	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		3.7	300	ND<2.0	ND<2.0	ND<2.0	
B-3RD	02/04/05		6.69	0.00	6.36	15.11	50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		3.9	1100	ND<2.0	ND<2.0	ND<2.0	
B-3RD	05/12/05		6.76	0.00	6.29	15.16	ND<50	ND<1.0	ND<2.0	ND<2.0	ND<2.0		7.5	1700	ND<4.0	ND<4.0	ND<4.0	
B-3RD	08/05/05		7.40	0.00	5.65	15.32	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0		2.7	240	ND<2.0	ND<2.0	ND<2.0	
B-3RD	11/23/05		7.44	0.00	5.61	15.25	ND<50	ND<0.50	ND<2.0	ND<2.0	ND<4.0		ND<5.0	160	ND<5.0	ND<5.0	ND<5.0	
B-3RD	02/09/06		7.25	0.00	5.80	15.31	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50		3.34	244	ND<0.50	ND<0.50	ND<0.50	
B-3RD	05/09/06		6.85	0.00	6.20	15.16	170	ND<1.0	ND<1.0	ND<1.0	ND<2.0		ND<2.0	820	ND<2.0	ND<2.0	ND<2.0	
B-3RD	08/24/06		7.50	0.00	5.55	15.22	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		4	370	ND<2.0	ND<2.0	ND<2.0	
B-3RD	11/17/06		7.95	0.00	5.10	15.15	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0		2.4	170	ND<1.0	ND<1.0	ND<1.0	
B-3RD	03/02/07		8.01	0.00	5.04	15.20	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0		2.5	170	ND<1.0	ND<1.0	ND<1.0	
B-3RD	06/05/07		7.79	0.00	5.26	15.06	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0		1.8	160	ND<1.0	ND<1.0	ND<1.0	
B-3RD	09/10/07		8.34	0.00	4.71	15.22	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0		1.6	190	ND<1.0	ND<1.0	ND<1.0	
B-3RD	10/29/07		8.04	0.00	5.01	15.23	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0		1.7	190	ND<1.0	ND<1.0	ND<1.0	
B-3RD	03/25/08		8.34	0.00	4.71	15.30	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.4	120	ND<2.0	ND<2.0	ND<2.0	
B-3RD	06/23/08		7.50	0.00	5.55	15.17	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.2	400	ND<2.0	ND<2.0	ND<2.0	
B-3RD	09/02/08	09/02/08	7.40	0.00	5.65	15.19	330	ND<0.50	ND<1.0	1.6	ND<1.0		ND<1.0	1300	ND<2.0	ND<2.0	ND<2.0	
B-3RD	12/11/08	12/11/08	8.31	0.00	4.74	21.05	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.0	210	ND<2.0	ND<2.0	ND<2.0	
B-3RD	03/04/09	03/04/09																Unable to access / No sample taken
B-3RD	03/02/11	03/02/11	4.60	0.00	8.45	15.03	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		ND<1.0	35	ND<5.0	ND<5.0	ND<5.0	
B-3RD	06/02/11	06/02/11	5.25	0.00	7.80	15.33	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		ND<1.0	ND<10	ND<5.0	ND<5.0	ND<5.0	

TABLE 3
HISTORICAL GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
20001 Brookhurst Street, Huntington Beach

WELL	DATE GAUGED	DATE SAMPLED	DEPTH TO GW (feet)	SPH THICKN. (feet)	GW ELEV. (relative to MSL)	WELL DEPTH (feet)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL-BENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE 8020/8021 (ug/L)	MTBE 8260 (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	COMMENTS
B-3RD	09/06/11	09/06/11	5.80	0.00	7.25	15.37	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		ND<1.0	23.9	ND<5.0	ND<5.0	ND<5.0	
B-3RD	03/05/12	03/05/12	5.60	0.00	7.45	15.42	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		0.23 J	15.1	ND<2.0	ND<2.0	ND<2.0	
B-3RD	09/11/12	09/11/12	6.29	0.00	6.76	15.36	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		2.4	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-4					**Top of casing elevation (ft): 11.66**					**Screen Interval: 6 to 36**								
B-4	04/24/92		9.36	0.00	2.30	35.52	ND<500	30	4	3	4							
B-4	06/30/92		10.20	0.00	1.46	35.56	ND<500	ND	ND	ND	ND							
B-4	09/16/92		12.80	0.00	-1.14	35.35	ND<500	8	3.1	ND	3.9							
B-4	01/12/93		11.80	0.00	-0.14	35.15	ND<500	ND	ND	ND	ND							
B-4	03/22/93		8.24	0.00	3.42	34.90	ND<500	7.6	2.3	ND	ND							
B-4	05/03/93		8.34	0.00	3.32	34.70	ND<500	7.2	ND	ND	ND							
B-4	07/21/93		9.27	0.00	2.39	34.85	ND<500	8	ND	ND	ND							
B-4RD					**Top of casing elevation (ft): n/a.**					**Screen Interval: 7.5 to 22.5**								
B-4RD	10/25/93		9.47	0.00		21.97	ND<500	4.2	0.3	ND	ND							
B-4RD	12/03/93		9.59	0.00		22.04												
B-4RD	02/02/94		9.50	0.00		22.03												
B-4RD	02/12/94		9.40	0.00		22.04												
B-4RD	02/19/94		9.00	0.00		21.03												
B-4RD	02/26/94		8.95	0.00		22.07	ND<500	5.9	13.8	2.2	20							
B-4RD	03/10/94		8.82	0.00		22.04												
B-4RD	04/27/94		8.30	0.00		22.05	ND<500	1.4	1.6	ND	3							
B-4RD	07/27/94		8.79	0.00		22.04	ND<500	ND	ND	ND	ND							
B-4RD	08/17/94		8.97	0.00		22.07												
B-4RD	12/19/94		9.28	0.00		22.09	ND<500	0.7	ND	1.1	1.7							
B-4RD					**Top of casing elevation (ft): 11.53**													
B-4RD	02/15/95		7.44	0.00	4.09	22.09	ND<500	0.6	0.9	0.8	2.5							
B-4RD	04/13/95		7.28	0.00	4.25	22.05	ND<500	ND	1.3	ND	2							
B-4RD	07/13/95		7.44	0.00	4.09	21.46	ND<500	ND	ND	ND	ND							
B-4RD	10/10/95		8.58	0.00	2.95	21.46	ND<500	0.4	0.5	1.1	2.5							
B-4RD	01/24/96		8.38	0.00	3.15	21.42	ND<500	4.4	3.9	4.7	14.2							
B-4RD	01/24/96		7.30	0.00	4.23	21.52	ND<500	12	2.5	4.1	9.8	20						
B-4RD	04/22/96		7.30	0.00	4.23	21.52	ND<500	12	2.5	4.1	9.8	20						
B-4RD	07/25/96		7.57	0.00	3.96	20.75	ND<500	1	2.1	1.8	7.1	ND<10						
B-4RD	02/17/97		7.09	0.00	4.44	20.37												
B-4RD	05/15/97		7.80	0.00	3.73	20.35												
B-4RD					**Top of casing elevation (ft): 11.03**													
B-4RD	09/11/97		8.82	0.00	2.21	20.28	ND<500	14	1	0.4	4.1	ND						
B-4RD	12/05/97		9.22	0.00	1.81	20.29												
B-4RD	02/27/98		6.41	0.00	4.62	20.29												
B-4RD	04/08/98		6.70	0.00	4.33	20.31												
B-4RD	08/17/98		7.86	0.00	3.17	20.25	ND<500	45	3	4.5	14	ND						
B-4RD	10/20/98		8.37	0.00	2.66	20.30												Not sampled
B-4RD	01/08/99		8.50	0.00	2.53	20.25												Not sampled
B-4RD	04/01/99		8.18	0.00	2.85	20.25												Not sampled
B-4RD					**Top of casing elevation (ft): 13.18**													
B-4RD	07/02/99		8.13	0.00	5.05	20.23												Not sampled
B-4RD	10/22/99		8.93	0.00	4.25	20.25												Not sampled
B-4RD	02/03/00		9.10	0.00	4.08	20.12												Not sampled
B-4RD	04/25/00		7.91	0.00	5.27	19.77	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<5.0						
B-4RD	07/24/00		8.58	0.00	4.60	20.26	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<5.0						
B-4RD	10/24/00		8.95	0.00	4.23	20.22												Not sampled
B-4RD	02/09/01		8.10	0.00	5.08	20.30												
B-4RD	03/06/01		6.76	0.00	6.42	20.25	ND<500	ND<0.50	ND<1.0	ND<1.0	ND<2.0		7.2	ND<50	ND<2.0	ND<2.0	ND<2.0	
B-4RD	06/29/01		7.52	0.00	5.66	20.31	160	1.3	ND<1.0	ND<1.0	ND<2.0		180	190	ND<2.0	ND<2.0	4.3	
B-4RD	09/07/01		8.29	0.00	4.89	20.29	240	2	4	2	6		150	ND<100	ND<10	ND<10	ND<10	
B-4RD	12/10/01		9.31	0.00	3.87	20.29	ND<50	ND<1	ND<1	ND<1	ND<1		19	ND<500	ND<10	ND<10	ND<10	

TABLE 3
HISTORICAL GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
20001 Brookhurst Street, Huntington Beach

WELL	DATE GAUGED	DATE SAMPLED	DEPTH TO GW (feet)	SPH THICKN. (feet)	GW ELEV. (relative to MSL)	WELL DEPTH (feet)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL-BENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE 8020/8021 (ug/L)	MTBE 8260 (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	COMMENTS
B-4RD	02/06/02		9.70	0.00	3.48	20.55	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0		17	ND<50	ND<10	ND<10	ND<10	
B-4RD	05/16/02		9.25	0.00	3.93	20.25	ND<50	ND<1.0	1	ND<1.0	3		13	ND<50	ND<10	ND<10	ND<10	
B-4RD	08/02/02		8.93	0.00	4.25	20.25	ND<50	ND<1	ND<1	ND<1	ND<1.0		13	ND<50	ND<10	ND<10	ND<10	
B-4RD	11/07/02		9.24	0.00	3.94	20.37	ND<50	0.57	1.4	ND<1.0	1.8		13	43	ND<2.0	ND<2.0	ND<2.0	
B-4RD	02/04/03		9.08	0.00	4.10	20.37	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		15	100	ND<2.0	ND<2.0	ND<2.0	
B-4RD	05/07/03		7.67	0.00	5.51	20.37	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		4.1	30	ND<2.0	ND<2.0	ND<2.0	
B-4RD	08/08/03		9.47	0.00	3.71	20.37	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		9.9	340	ND<2.0	ND<2.0	ND<2.0	
B-4RD	11/07/03		8.90	0.00	4.28	20.30	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		8.1	380	ND<2.0	ND<2.0	ND<2.0	
B-4RD	02/06/04		8.89	0.00	4.29	20.35	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		12	1000	ND<2.0	ND<2.0	ND<2.0	
B-4RD	05/04/04		8.04	0.00	5.14	20.35	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		13	320	ND<2.0	ND<2.0	ND<2.0	
B-4RD	08/05/04		8.11	0.00	5.07	20.37	ND<50	ND<0.50	1.2	ND<1.0	ND<1.0		12	120	ND<2.0	ND<2.0	ND<2.0	
B-4RD	11/18/04		7.60	0.00	5.58	20.34	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		3.2	100	ND<2.0	ND<2.0	ND<2.0	
B-4RD	02/04/05		6.66	0.00	6.52	20.29	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		2.0	160	ND<2.0	ND<2.0	ND<2.0	
B-4RD	05/12/05		6.70	0.00	6.48	20.24	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		4.1	520	ND<2.0	ND<2.0	ND<2.0	
B-4RD	08/05/05		7.24	0.00	5.94	20.35	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0		1.8	74	ND<2.0	ND<2.0	ND<2.0	
B-4RD	11/23/05		7.34	0.00	5.84	20.23	ND<50	ND<0.50	ND<2.0	ND<2.0	ND<4.0		ND<5.0	200	ND<5.0	ND<5.0	ND<5.0	
B-4RD	02/09/06		7.16	0.00	6.02	20.35	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50		1.59	159	ND<0.50	ND<0.50	ND<0.50	
B-4RD	05/09/06		6.80	0.00	6.38	20.38	59	ND<0.50	ND<0.50	ND<1.0	ND<1.0		1.20	250	ND<1.0	ND<1.0	ND<1.0	
B-4RD	08/24/06		7.33	0.00	5.85	20.39	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.5	210	ND<2.0	ND<2.0	ND<2.0	
B-4RD	11/17/06		7.74	0.00	5.44	20.30	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0		1.3	160	ND<1.0	ND<1.0	ND<1.0	
B-4RD	03/02/07		7.72	0.00	5.46	20.31	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0		1.3	160	ND<1.0	ND<1.0	ND<1.0	
B-4RD	06/05/07		7.96	0.00	5.22	20.29	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0		1.3	100	ND<1.0	ND<1.0	ND<1.0	
B-4RD	09/10/07		8.05	0.00	5.13	20.31	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0		1.7	130	ND<1.0	ND<1.0	ND<1.0	
B-4RD	10/29/07		7.95	0.00	5.23	20.35	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0		1.3	120	ND<1.0	ND<1.0	ND<1.0	
B-4RD	03/25/08		7.89	0.00	5.29	20.41	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.8	30	ND<2.0	ND<2.0	ND<2.0	
B-4RD	06/23/08		7.55	0.00	5.63	20.34	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.5	110	ND<2.0	ND<2.0	ND<2.0	
B-4RD	09/02/08	09/02/08	7.24	0.00	5.94	20.39	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.2	120	ND<2.0	ND<2.0	ND<2.0	
B-4RD	12/11/08	12/11/08	8.06	0.00	5.12	21.30	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.1	57	ND<2.0	ND<2.0	ND<2.0	
B-4RD	03/04/09	03/04/09	7.70	0.00	5.48	21.30	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		ND<1.0	51	ND<2.0	ND<2.0	ND<2.0	
B-4RD	06/02/09	06/02/09	8.43	0.00	4.75	21.43	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.4	170	ND<2.0	ND<2.0	ND<2.0	
B-4RD	11/06/09		8.86	0.00	4.32	21.40	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.1	170	ND<2.0	ND<2.0	ND<2.0	
B-4RD	06/01/10		8.00	0.00	5.18	21.34	53	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.2	180	ND<2.0	ND<2.0	ND<2.0	
B-4RD	08/31/10		7.44	0.00	5.74	21.37	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.1	47	ND<2.0	ND<2.0	ND<2.0	
B-4RD	12/01/10		6.91	0.00	6.27	21.29	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		ND<1.0	17	ND<2.0	ND<2.0	ND<2.0	
B-4RD	03/02/11	03/02/11	5.70	0.00	7.48	21.40	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		ND<1.0	ND<10	ND<5.0	ND<5.0	ND<5.0	
B-4RD	06/02/11	06/02/11	6.67	0.00	6.51	21.48	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		ND<1.0	ND<10	ND<5.0	ND<5.0	ND<5.0	
B-4RD	09/06/11	09/06/11	7.28	0.00	5.90	21.52	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		ND<1.0	ND<10	ND<5.0	ND<5.0	ND<5.0	
B-4RD	03/05/12	03/05/12	6.97	0.00	6.21	21.56	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		1.3	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-4RD	09/11/12	09/11/12	7.74	0.00	5.44	21.49	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		3.6	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-5					**Top of casing elevation (ft): 12.48**						**Screen Interval: 6 to 36**							
B-5	04/24/92		10.31	0.01	2.17	35.40												
B-5	05/19/92		10.42	0.00	2.06	34.49	11000	3000	800	20	2000							
B-5	06/30/92		11.43	0.00	1.05	31.68	4900	1600	600	500	1400							
B-5	09/16/92		12.97	0.00	-0.49	30.23	9000	1148.3	442.7	212.6	722.3							
B-5	01/12/93		12.30	0.00	0.18	28.79	3600	421.3	56	ND	202.6							
B-5	03/22/93		9.05	0.00	3.43	29.50	22100	2960.4	2534.5	ND	3293.3							
B-5	05/03/93		9.17	0.00	3.31	29.62	36900	6008	3560.4	1565.3	5771.6							
B-5	07/21/93		10.29	0.00	2.19	29.85	27400	5196.9	3108.4	1599.4	5236.3							
B-5RD					**Top of casing elevation (ft): n/a.**						**Screen Interval: 6.5 to 21.5**							
B-5RD	10/25/93		11.00	0.00		21.88	28600	3992.9	3448.5	1028.8	3668.9							
B-5RD	12/03/93		10.71	0.00		21.43												
B-5RD	02/02/94		10.58	0.00		21.13												
B-5RD	02/12/94		10.34	0.00		20.22												
B-5RD	02/19/94		10.03	0.00		20.83												

TABLE 3
HISTORICAL GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
20001 Brookhurst Street, Huntington Beach

WELL	DATE GAUGED	DATE SAMPLED	DEPTH TO GW (feet)	SPH THICKN. (feet)	GW ELEV. (relative to MSL)	WELL DEPTH (feet)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL-BENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE 8020/8021 (ug/L)	MTBE 8260 (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	COMMENTS
B-5RD	02/26/94		10.03	0.00		20.84	31000	3891.6	3023.1	1667.8	5837.3							
B-5RD	03/10/94		9.60	0.00		20.86												
B-5RD	04/27/94		9.20	0.00		20.84	38900	4250.2	3583	1941.7	7499							
B-5RD	07/27/94		9.80	0.00		20.91	29100	2990.1	2616.1	1445.3	5344.8							
B-5RD	08/17/94		10.00	0.00		21.00												
B-5RD	12/19/94		10.41	0.00		21.01	29300	3217.6	1455.9	1478	4509.1							
B-5RD					**Top of casing elevation (ft): 12.40**													
B-5RD	02/15/95		8.38	0.00	4.02	21.09												
B-5RD	04/13/95		8.23	0.00	4.17	21.31	23200	6883.9	2149.5	1632.4	5151.8							
B-5RD	07/13/95		8.35	0.00	4.05	20.81	34100	3547.6	2051	1652.8	5176.2							
B-5RD	10/10/95		9.35	0.00	3.05	20.90	29400	2454.7	1328.2	1263.3	3504.4							
B-5RD	01/24/96		9.24	0.00	3.16	20.87	20300	1545.9	873.8	857.7	2655.6							
B-5RD	04/22/96		8.10	0.00	4.30	20.91	16000	2000	300	770	1610	900						
B-5RD	07/25/96		8.02	0.00	4.38	20.92	4300	190	160	110	580	200						
B-5RD	02/17/97		7.89	0.00	4.51	20.89	23000	1700	550	530	1800	1200						
B-5RD	05/15/97		8.68	0.00	3.72	20.95	22000	2400	740	770	2300	1600						
B-5RD					**Top of casing elevation (ft): 11.76**													
B-5RD	09/11/97																	ORC sock in well
B-5RD	12/05/97																	ORC sock in well
B-5RD	02/27/98		7.37	0.00	4.39	20.91	19000	1200	1000	840	3200	2000						
B-5RD	04/08/98		7.50	0.00	4.26	20.93	20000	1000	1000	920	2900	5000						
B-5RD	08/17/98		8.82	0.00	2.94	20.87	21000	6900	4800	4400	16000	7600	5.8					
B-5RD	10/20/98		9.35	0.00	2.41	20.94	4700	470	290	360	1500	3300						
B-5RD	01/08/99		9.44	0.00	2.32	20.89	4500	240	130	160	720	2000						ORC sock in well
B-5RD	04/01/99		11.04	0.00	0.72	20.93	5000	440	120	310	590	7300						
B-5RD					**Top of casing elevation (ft): 13.93**													
B-5RD	07/02/99		9.09	0.00	4.84	20.90	16000	960	680	930	2900	4700						No purge sample
B-5RD	10/22/99		9.93	0.00	4.00	20.94	9700	68	7.8	55	17	14000						No purge sample
B-5RD	02/03/00		12.80	0.00	1.13	20.76	7500	26	2.7	19	17	14000						No purge sample
B-5RD	04/25/00		8.80	0.00	5.13	20.48	39000	420	200	520	1400	60000	69000					
B-5RD	07/24/00		12.30	0.00	1.63	20.95	71000	280	100	350	850	110000	110000					
B-5RD	10/24/00		9.94	0.00	3.99	20.89	7400	81	16	81	120	2900						
B-5RD	02/09/01		11.78	0.00	2.15	20.95	13000	290	68	350	570		5700	230000	ND<50	ND<50	ND<50	
B-5RD	03/06/01		7.63	0.00	6.30	20.92												
B-5RD	06/29/01		8.52	0.00	5.41	20.94	16000	320	ND<500	580	810		5700	66000	ND<1000	ND<1000	ND<1000	
B-5RD	09/07/01		8.73	0.00	5.20	20.47	1100	78	7	37	34		260	12000	17	ND<10	ND<10	
B-5RD	12/10/01		9.92	0.00	4.01	20.47	240	4	ND<1	1	2		92	ND<500	13	ND<10	ND<10	
B-5RD	02/06/02		11.06	0.00	2.87	20.85	5400	35	ND<1.0	1	4		200	42000	11	ND<10	ND<10	
B-5RD	05/16/02		10.45	0.00	3.48	20.51	15000	550	650	92	880		640	18000	30	ND<10	ND<10	Sampled from port
B-5RD	08/02/02		9.54	0.00	4.39	20.51	660	35	2	12	36		230	43000	20	ND<10	ND<10	
B-5RD	11/07/02		9.80	0.00	4.13	20.64	670	9.5	ND<10	ND<10	ND<10		140	44000	ND<20	ND<20	ND<20	
B-5RD	02/04/03		10.46	0.00	3.47	20.64	1200	ND<50	ND<100	ND<100	ND<100		250	51000	ND<200	ND<200	ND<200	
B-5RD	05/07/03		8.30	0.00	5.63	20.64	1100	ND<50	ND<100	ND<100	130		290	51000	ND<200	ND<200	ND<200	
B-5RD	08/08/03		12.04	0.00	1.89	20.64	ND<50	0.80	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<1000	3.1	ND<2.0	ND<2.0	
B-5RD	11/07/03		9.59	0.00	4.34	20.55	490	3.2	ND<2.0	5.6	ND<2.0		17.0	2800	ND<4.0	ND<4.0	ND<4.0	
B-5RD	02/06/04		9.65	0.00	4.28	20.54	240	ND<2.5	ND<5.0	ND<5.0	ND<5.0		7.0	1600	ND<10	ND<10	ND<10	
B-5RD	05/04/04		8.69	0.00	5.24	20.34	530	3.1	ND<2.0	20	ND<2.0		16	4400	ND<4.0	ND<4.0	ND<4.0	
B-5RD	08/05/04		8.80	0.00	5.13	20.55	420	2.7	ND<1.0	11	1.4		5.5	600	ND<2.0	ND<2.0	ND<2.0	
B-5RD	11/18/04		8.18	0.00	5.75	20.55	730	3.5	1.5	93	18.5		8.3	960	2.5	ND<2.0	ND<2.0	
B-5RD	02/04/05		7.22	0.00	6.71	20.48	1200	2.2	ND<1.0	100	13.7		4.7	420	2.4	ND<2.0	ND<2.0	
B-5RD	05/12/05		7.33	0.00	6.60	20.50	850	1.8	1.5	110	14.4		6.2	750	2.6	ND<2.0	ND<2.0	
B-5RD	08/05/05		7.97	0.00	5.96	20.54	1400	1.8	1.1	150	9.0		3.5	360	ND<2.0	ND<2.0	ND<2.0	
B-5RD	11/23/05		7.91	0.00	6.02	20.56	630	1.1	ND<2.0	50	ND<4.0		ND<5.0	450	ND<5.0	ND<5.0	ND<5.0	
B-5RD	02/09/06		7.68	0.00	6.25	20.57	1030	0.93	ND<0.50	41.3	2.08		2.97	356	2.75	ND<0.50	ND<0.50	
B-5RD	05/09/06		7.32	0.00	6.61	20.55	1100	1.7	ND<0.50	69	2.9		4.20	480	4.40	ND<1.0	ND<1.0	
B-5RD	08/24/06		7.90	0.00	6.03	20.50	780	1.9	ND<1.0	26	ND<1.0		4.8	310	4.1	ND<2.0	ND<2.0	
B-5RD	11/17/06		8.43	0.00	5.50	20.40	720	1.2	ND<0.50	12	ND<1.0		4.0	350	6.4	ND<1.0	ND<1.0	

TABLE 3
HISTORICAL GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
20001 Brookhurst Street, Huntington Beach

WELL	DATE GAUGED	DATE SAMPLED	DEPTH TO GW (feet)	SPH THICKN. (feet)	GW ELEV. (relative to MSL)	WELL DEPTH (feet)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL-BENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE 8020/8021 (ug/L)	MTBE 8260 (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	COMMENTS
B-5RD	03/02/07		8.55	0.00	5.38	20.50	1100	1.4	ND<0.50	14	ND<1.0		4.0	300	5.5	ND<1.0	ND<1.0	
B-5RD	06/05/07		8.40	0.00	5.53	20.55	1200	1.4	ND<0.50	8.4	ND<1.0		4.0	310	6.3	ND<1.0	ND<1.0	
B-5RD	09/10/07		8.93	0.00	5.00	20.57	930	0.98	ND<0.50	9.8	ND<1.0		3.3	350	6.9	ND<1.0	ND<1.0	
B-5RD	10/29/07		8.50	0.00	5.43	20.60	390	ND<0.50	ND<0.50	1.2	ND<1.0		2.7	220	5.2	ND<1.0	ND<1.0	
B-5RD	03/25/08		8.52	0.00	5.41	20.62	480	ND<0.50	ND<1.0	4.3	ND<1.0		ND<1.0	180	3.4	ND<2.0	ND<2.0	
B-5RD	06/23/08		8.21	0.00	5.72	20.50	1100	0.61	ND<1.0	11	ND<1.0		1.3	190	2.9	ND<2.0	ND<2.0	
B-5RD	09/02/08	09/03/08	7.73	0.00	6.20	20.52	270	ND<0.50	ND<1.0	2.4	ND<1.0		ND<1.0	110	ND<2.0	ND<2.0	ND<2.0	
B-5RD	12/11/08	12/11/08	8.75	0.00	5.18	20.45	540	ND<0.50	ND<1.0	2.6	ND<1.0		1.1	150	2.6	ND<2.0	ND<2.0	
B-5RD	03/04/09	03/04/09	8.49	0.00	5.44	20.48	840	ND<0.50	ND<1.0	3.8	ND<1.0		1.3	220	2.9	ND<2.0	ND<2.0	
B-5RD	06/02/09	06/02/09	9.10	0.00	4.83	20.50	470	ND<0.50	ND<1.0	1.4	ND<1.0		2.1	150	4.3	ND<2.0	ND<2.0	
B-5RD	07/28/09	07/28/09	9.47	0.00	4.46	20.50	470	ND<0.50	ND<1.0	1.2	ND<1.0		2.4	160	4.7	ND<2.0	ND<2.0	
B-5RD	11/06/09		9.50	0.00	4.43	20.55	640	ND<0.50	ND<1.0	1.3	ND<1.0		1.8	160	4.5	ND<2.0	ND<2.0	
B-5RD	03/03/10		7.30	0.00	6.63	20.50	610	ND<0.50	ND<1.0	3.6	ND<1.0		1.4	210	3.5	ND<2.0	ND<2.0	
B-5RD	06/01/10		8.63	0.00	5.30	20.38	770	ND<0.50	ND<1.0	2.7	ND<1.0		ND<1.0	160	2.3	ND<2.0	ND<2.0	
B-5RD	08/31/10		8.08	0.00	5.85	20.64	480	1.5	ND<1.0	2.2	ND<1.0		1.3	140	2.9	ND<2.0	ND<2.0	
B-5RD	12/01/10		7.38	0.00	6.55	20.51	380	ND<0.50	ND<1.0	2.1	ND<1.0		ND<1.0	64	ND<2.0	ND<2.0	ND<2.0	
B-5RD	03/02/11	03/02/11	6.62	0.00	7.31	20.63	178	ND<1.0	ND<1.0	3.7	ND<2.0		ND<1.0	34.6	ND<5.0	ND<5.0	ND<5.0	
B-5RD	06/02/11	06/02/11	7.21	0.00	6.72	20.64	382	ND<1.0	ND<1.0	2.7	ND<2.0		ND<1.0	29.6	ND<5.0	ND<5.0	ND<5.0	
B-5RD	09/06/11	09/06/11	7.87	0.00	6.06	20.82	401	ND<1.0	ND<1.0	2.9	ND<2.0		ND<1.0	45.3	ND<5.0	ND<5.0	ND<5.0	
B-5RD	03/05/12	03/05/12	7.32	0.00	6.61	20.50	179	ND<1.0	ND<1.0	1.4	ND<2.0		0.35 J	36.7	ND<2.0	ND<2.0	ND<2.0	
B-5RD	09/11/12	09/11/12	8.32	0.00	5.61	20.64	30.0J	ND<1.0	ND<1.0	ND<1.0	ND<2.0		0.47J	24.7	0.24J	ND<2.0	ND<2.0	
B-6					**Top of casing elevation (ft): 11.11**					**Screen Interval: 6 to 36**								
B-6	04/24/92		8.86	0.00	2.25	35.85	ND<500	60	6	ND								
B-6	06/30/92		10.01	0.00	1.10	35.97	ND<500	200	20	ND	ND							
B-6	09/16/92		11.80	0.00	-0.69	35.86	600	41.1	5	0.7	5.9							
B-6	01/12/93		11.37	0.00	-0.26	35.42	1000	57.1	9.5	ND	ND							
B-6	03/22/93		7.74	0.00	3.37	35.00	3000	969.6	27.4	ND	32.3							
B-6	05/03/93		7.92	0.00	3.19	34.61	2900	965.3	ND	ND	ND							
B-6	07/21/93		8.77	0.00	2.34	34.37	1500	842	19	ND	33.2							
B-6RD					**Top of casing elevation (ft): n/a.**					**Screen Interval: 5 to 35**								
B-6RD	10/25/93		9.97	0.00		22.55	ND<500	1.7	1.1	0.5	0.9							
B-6RD	12/03/93		9.11	0.00		22.53												
B-6RD	02/02/94		8.98	0.00		22.52												
B-6RD	02/12/94		8.77	0.00		22.43												
B-6RD	02/19/94		8.38	0.00		22.33												
B-6RD	02/26/94		8.34	0.00		22.36	ND<500	ND	ND	ND	ND							
B-6RD	03/10/94		8.62	0.00		22.48												
B-6RD	04/27/94		7.66	0.00		22.45	ND<500	ND	ND	ND	ND							
B-6RD	07/27/94		8.26	0.00		22.55	ND<500	1.9	2.5	ND	5.1							
B-6RD	08/17/94		8.45	0.00		22.61												
B-6RD	12/19/94		8.81	0.00		22.61	ND<500	1.9	1.7	1.4	6.6							
B-6RD					**Top of casing elevation (ft): 11.10**													
B-6RD	02/15/95		6.95	0.00	4.15	22.62	ND<500	0.8	1.5	0.7	3.5							
B-6RD	04/13/95		6.81	0.00	4.29	22.58	ND<500	3.2	9.4	2.2	8.7							
B-6RD	07/13/95		6.65	0.00	4.45	21.83	ND<500	2.5	11.6	4.2	18.8							
B-6RD	10/10/95		7.61	0.00	3.49	21.77	ND<500	ND	0.5	ND	ND							
B-6RD	01/24/96		7.58	0.00	3.52	21.78	ND<500	2.3	2.6	2.6	8							
B-6RD	04/22/96		6.48	0.00	4.62	21.80	ND<500	2.5	1.5	1.8	4.1	ND						
B-6RD	07/25/96		6.82	0.00	4.28	21.80	ND<500	7.8	0.5	0.5	1	ND						
B-6RD	02/17/97		6.29	0.00	4.81	21.79												
B-6RD	05/15/97		7.00	0.00	4.10	21.84												
B-6RD					**Top of casing elevation (ft): 10.35**													
B-6RD	09/11/97		8.05	0.00	2.30	21.86	ND<500	34	1.6	1	5.8	ND						
B-6RD	12/05/97		8.50	0.00	1.85	21.83												

TABLE 3
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SHELL-BRANDED SERVICE STATION
20001 Brookhurst Street, Huntington Beach

WELL	DATE GAUGED	DATE SAMPLED	DEPTH TO GW (feet)	SPH THICKN. (feet)	GW ELEV. (relative to MSL)	WELL DEPTH (feet)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL-BENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE 8020/8021 (ug/L)	MTBE 8260 (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	COMMENTS
B-6RD	02/27/98		5.69	0.00	4.66	21.81												
B-6RD	04/08/98		6.00	0.00	4.35	21.83												
B-6RD	08/17/98		7.13	0.00	3.22	21.78	ND<500	130	10	18	21	15						
B-6RD	10/20/98		7.63	0.00	2.72	21.84												Not sampled
B-6RD	01/08/99		7.75	0.00	2.60	21.77												Not sampled
B-6RD	04/01/99		7.41	0.00	2.94	21.80												Not sampled
B-6RD					**Top of casing elevation (ft): 12.53**													
B-6RD	07/02/99		7.39	0.00	5.14	21.80												Not sampled
B-6RD	10/22/99		8.24	0.00	4.29	21.83												Not sampled
B-6RD	02/03/00		8.36	0.00	4.17	21.66												Not sampled
B-6RD	04/25/00		7.13	0.00	5.40	21.38	ND<500	2.2	ND<0.3	ND<0.3	1.2	ND<5.0						
B-6RD	07/24/00		7.87	0.00	4.66	21.84	ND<500	14	ND<0.3	ND<0.3	ND<0.6	ND<5.0						
B-6RD	10/24/00		8.27	0.00	4.26	21.75												Not sampled
B-6RD	02/09/01		7.45	0.00	5.08	21.84												
B-6RD	03/06/01		6.14	0.00	6.39	21.81	ND<500	13	ND<1.0	ND<1.0	ND<2.0		6.4	ND<50	ND<2.0	ND<2.0	ND<2.0	
B-6RD	06/29/01		6.96	0.00	5.57	21.83	ND<100	0.72	ND<1.0	ND<1.0	ND<2.0		4.2	ND<50	ND<2.0	ND<2.0	ND<2.0	
B-6RD	09/07/01		7.48	0.00	5.05	21.74	150	4	10	4	13		ND<2	ND<100	ND<10	ND<10	ND<10	
B-6RD	12/10/01		8.51	0.00	4.02	21.74	54	ND<1	ND<1	ND<1	ND<1		ND<2	ND<500	ND<10	ND<10	ND<10	
B-6RD	02/06/02		9.00	0.00	3.53	21.80	110	ND<1.0	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<50	ND<10	ND<10	ND<10	
B-6RD	05/16/02		8.59	0.00	3.94	21.72	200	80	2	2	4		ND<1.0	ND<50	ND<10	ND<10	ND<10	
B-6RD	08/02/02		8.25	0.00	4.28	21.72	560	200	1	ND<1	2		ND<1	ND<50	ND<10	ND<10	ND<10	
B-6RD	11/07/02		8.54	0.00	3.99	21.83	170	26	1.0	ND<1.0	1.3		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-6RD	02/04/03		8.37	0.00	4.16	21.83	280	35	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-6RD	05/07/03		6.98	0.00	5.55	21.83	280	12	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-6RD	08/08/03		8.93	0.00	3.60	21.83	290	4.2	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-6RD	11/07/03		8.23	0.00	4.30	21.77	82	0.59	ND<1.0	ND<1.0	ND<1.0		ND<1.0	11	ND<2.0	ND<2.0	ND<2.0	
B-6RD	02/06/04		8.25	0.00	4.28	21.78	200	9.5	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-6RD	05/04/04		7.23	0.00	5.30	21.71	160	8.6	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-6RD	08/05/04		7.33	0.00	5.20	21.73	170	0.69	1.4	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-6RD	11/18/04		6.90	0.00	5.63	21.75	72	ND<0.50	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-6RD	02/04/05		5.99	**0.00**	6.54	21.68	66	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.2	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-6RD	05/12/05		6.04	0.00	6.49	21.77	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.5	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-6RD	08/05/05		6.53	0.00	6.00	21.81	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-6RD	11/23/05																	Well inaccessible Well Abandoned
B-7					**Top of casing elevation (ft): 12.76**					**Screen Interval: 6 to 36**								
B-7	04/24/92		11.00	0.00	1.76	36.03	ND<500	ND	ND	ND	ND							
B-7	06/30/92		11.66	0.00	1.10	36.22	ND<500	ND	ND	ND	ND							
B-7	09/16/92		13.10	0.00	-0.34	36.20	ND<500	ND	ND	1.2	5.6							
B-7	01/12/93		12.34	0.00	0.42	36.08	ND<500	ND	ND	ND	1.3							
B-7	03/22/93		9.75	0.00	3.01	36.15	ND<500	5.5	ND	ND	ND							
B-7	05/03/93		9.56	0.00	3.20	36.10	ND<500	ND	ND	ND	ND							
B-7	07/21/93		10.57	0.00	2.19	35.93	ND<500	ND	ND	ND	ND							
B-7	10/25/93		12.26	0.00	0.50	35.95	ND<500	ND	ND	ND	ND							
B-7	12/03/93		11.90	0.00	0.86	35.90		ND										
B-7	02/02/94		11.07	0.00	1.69	35.85												
B-7	02/12/94		10.90	0.00	1.86	35.83												
B-7	02/19/94		10.84	0.00	1.92	35.83												
B-7	02/26/94		10.71	0.00	2.05	36.86	ND<500	ND	14	3	17.4							
B-7	03/10/94		10.23	0.00	2.53	35.86												
B-7	04/27/94		10.56	0.00	2.20	35.80	ND<500	2.6	7.2	2.2	10.8							
B-7	07/27/94		10.70	0.00	2.06	35.76	ND<500	ND	1.3	1.8	3.8							
B-7	08/17/94		10.93	0.00	1.83	35.73												
B-7	12/19/94		10.98	0.00	1.78	35.69	ND<500	ND	ND	ND	ND							
B-7	02/15/95		9.23	0.00	3.53	35.71	ND<500	ND	ND	ND	ND							
B-7	04/13/95		9.82	0.00	2.94	35.46	ND<500	ND	ND	ND	ND							
B-7	07/13/95		9.93	0.00	2.83	34.11	ND<500	ND	3.5	ND	5.8							

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SHELL-BRANDED SERVICE STATION
20001 Brookhurst Street, Huntington Beach

WELL	DATE GAUGED	DATE SAMPLED	DEPTH TO GW (feet)	SPH THICKN. (feet)	GW ELEV. (relative to MSL)	WELL DEPTH (feet)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL-BENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE 8020/8021 (ug/L)	MTBE 8260 (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	COMMENTS
B-7	10/10/95																	Well inaccessible
B-7	01/24/96		10.57	0.00	2.19	34.12	ND<500	ND	ND	ND	ND							
B-7	04/22/96		9.15	0.00	3.61	34.14	ND<500	1.2	0.9	0.9	2.3	ND						
B-7	07/25/96		10.19	0.00	2.57	34.17	ND<500	ND	ND	ND	ND	ND<0.01						
B-7	02/17/97		9.23	0.00	3.53	34.14												
B-7	05/15/97		10.13	0.00	2.63	34.20												
B-7	09/11/97		12.18	0.00	0.58	34.28	ND<500	ND	0.5	ND	0.7	ND						
B-7	12/05/97		12.31	0.00	0.45	34.37												
B-7	02/27/98		8.83	0.00	3.93	34.32												
B-7	04/08/98		8.98	0.00	3.78	34.35												
B-7	08/17/98																	Well inaccessible
B-7	10/20/98		11.44	0.00	1.32	34.32												Not sampled
B-7	01/08/99																	Well inaccessible
B-7	04/01/99		10.49	0.00	2.27	34.26												Not sampled
B-7					**Top of casing elevation (ft): 14.93**													
B-7	07/02/99		10.92	0.00	4.01	34.32												Not sampled
B-7	10/22/99																	Well inaccessible
B-7	02/03/00		11.74	0.00	3.19	34.17												Not sampled
B-7	04/25/00		10.26	0.00	4.67	33.91	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<5.0						
B-7	07/24/00		12.21	0.00	2.72	34.35	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<5.0						
B-7	10/24/00		12.78	0.00	2.15	34.33												Not sampled
B-7	02/09/01		10.71	0.00	4.22	34.41												
B-7	03/06/01		9.22	0.00	5.71	34.39	ND<500	ND<0.50	ND<1.0	ND<1.0	ND<2.0		1.6	ND<50	ND<2.0	ND<2.0	ND<2.0	
B-7	06/29/01		10.35	0.00	4.58	34.36	ND<100	ND<0.50	ND<1.0	1.3	1.3		ND<1.0	ND<50	ND<2.0	ND<2.0	ND<2.0	
B-7	09/07/01																	Well Abandoned
B-8					**Top of casing elevation (ft): 10.53**					**Screen Interval: 7 to 32**								
B-8	04/24/92		8.12	0.00	2.41	32.05	1000	500	7	ND	10							Street well
B-8	06/30/92		8.90	0.00	1.63	32.15	ND<500	240	ND	10	7							
B-8	09/16/92		10.57	0.00	-0.04	32.11	6600	1284.9	26.5	126.9	140							
B-8	01/12/93		9.21	0.00	1.32	32.00	ND<500	96.9	1.7	4.4	4.1							
B-8	03/22/93		7.05	0.00	3.48	32.10	3300	843	24.1	59.3	42							
B-8	05/03/93		6.96	0.00	3.57	32.00	3900	1298.4	27.7	64.2	57.4							
B-8	07/21/93		7.75	0.00	2.78	31.87	2800	1495.6	20.2	71.8	48.9							
B-8	10/25/93		8.83	0.00	1.70	31.93	5100	1439.4	20.8	100.4	32.1							
B-8	12/03/93		8.62	0.00	1.91	34.86												
B-8	02/02/94																	
B-8	02/12/94		7.95	0.00	2.58	31.52												
B-8	02/19/94		7.60	0.00	2.93	31.56												
B-8	02/26/94		7.36	0.00	3.17	31.61	900	314.3	4.4	12.5	7.2							
B-8	03/10/94		7.20	0.00	3.33	31.77												
B-8	04/27/94		8.93	0.00	1.60	31.80	2000	587.5	11.1	6.2	13.7							
B-8	07/27/94		7.78	0.00	2.75	31.77	3100	1134.1	34.8	33.4	53.7							
B-8	08/17/94		7.98	0.00	2.55	31.78												
B-8	12/19/94		8.11	0.00	2.42	31.74	3800	937.7	21.5	39.5	37.7							
B-8	02/15/95		6.68	0.00	3.85	31.65	3500	914.5	11.1	23.1	21							
B-8	04/13/95		6.26	0.00	4.27	31.82	1800	1836.6	22.5	24.8	46.1							
B-8	07/13/95		7.00	0.00	3.53	31.81	4500	1109.9	48.5	66.4	85.1							
B-8	10/10/95		8.02	0.00	2.51	31.87	ND<500	122.3	1.4	3.1	2.7							
B-8	01/24/96		7.91	0.00	2.62	31.83	2400	0.5883*	11.6	17.5	14.3							
B-8	04/22/96		6.76	0.00	3.77	31.82	ND<500	64	1.6	1.8	2.1	20						
B-8	07/25/96		7.17	0.00	3.36	31.79	2000	420	9.9	19	22	ND						
B-8	02/17/97		6.66	0.00	3.87	31.73												
B-8	05/15/97		7.15	0.00	3.38	31.79												
B-8	09/11/97		8.49	0.00	2.04	31.77	540	120	6.3	3.3	6.5	ND						
B-8	12/05/97		8.70	0.00	1.83	31.71												
B-8	02/27/98		6.65	0.00	3.88	31.73												

TABLE 3
HISTORICAL GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
20001 Brookhurst Street, Huntington Beach

WELL	DATE GAUGED	DATE SAMPLED	DEPTH TO GW (feet)	SPH THICKN. (feet)	GW ELEV. (relative to MSL)	WELL DEPTH (feet)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL-BENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE 8020/8021 (ug/L)	MTBE 8260 (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	COMMENTS
B-8	04/08/98		6.08	0.00	4.45	31.74												
B-8	08/17/98		7.45	0.00	3.08	31.70	6000	8900	860	420	1000	100						
B-8	10/20/98		7.82	0.00	2.71	31.75												Not sampled
B-8	01/08/99		7.88	0.00	2.65	31.78												Not sampled
B-8	04/01/99		7.48	0.00	3.05	31.73												Not sampled
B-8					**Top of casing elevation (ft): 12.71**													
B-8	07/02/99		7.46	0.00	5.25	31.71												Not sampled
B-8	10/22/99		8.29	0.00	4.42	30.74												Not sampled
B-8	02/03/00		8.31	0.00	4.40	31.57												Not sampled
B-8	04/25/00		7.25	0.00	5.46	31.30	970	150	3.9	6.3	17	ND<5.0						
B-8	07/24/00		8.17	0.00	4.54	31.74	1200	230	5.3	7.3	13	ND<5.0						
B-8	10/24/00		8.61	0.00	4.10	31.68												Not sampled
B-8	02/09/01		7.71	0.00	5.00	31.77												
B-8	03/06/01		6.96	0.00	5.75	31.72	3300	740	10	17	12		ND<2.0	ND<100	ND<4.0	ND<4.0	ND<4.0	
B-8	06/29/01		7.00	0.00	5.71	31.73	2000	540	13	19	20		ND<10	ND<500	ND<20	ND<20	ND<20	
B-8	09/07/01		8.00	0.00	4.71	31.80	150	36	3	2	5		ND<2	ND<100	ND<10	ND<10	ND<10	
B-8	12/10/01		8.72	0.00	3.99	31.80	210	72	ND<1	2	1		ND<2	ND<500	ND<10	ND<10	ND<10	
B-8	02/06/02		8.78	0.00	3.93	31.95	140	38	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<50	ND<10	ND<10	ND<10	
B-8	05/16/02		8.38	0.00	4.33	31.65	210	76	2	3	6		ND<1.0	ND<50	ND<10	ND<10	ND<10	
B-8	08/02/02		8.73	0.00	3.98	31.65	90	13	ND<1	ND<1	ND<1.0		2	ND<50	ND<10	ND<10	ND<10	
B-8	11/07/02		8.65	0.00	4.06	31.78	180	52	1.9	1.0	2.2		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-8	02/04/03		8.05	0.00	4.66	31.78	240	44	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-8	05/07/03		7.09	0.00	5.62	31.78	590	150	2.9	1.4	3.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-8	08/08/03		8.34	0.00	4.37	31.78	240	76	1.2	ND<1.0	1.5		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-8	11/07/03		8.15	0.00	4.56	31.75	200	31	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-8	02/06/04		8.20	0.00	4.51	31.70	250	37	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-8	05/04/04		7.25	0.00	5.46	31.55	170	23	ND<1.0	ND<1.0	ND<1.0		1.5	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-8	08/05/04		7.45	0.00	5.26	31.75	490	110	6.5	ND<1.0	3.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-8	11/18/04		6.90	0.00	5.81	31.75	210	59	ND<1.0	ND<1.0	1.4		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-8	02/04/05		6.08	0.00	6.63	31.62	310	58	1.0	1.3	1.6		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-8	05/12/05		5.93	0.00	6.78	31.67	74	19	ND<1.0	ND<1.0	ND<1.0		1.6	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-8	08/05/05		6.42	0.00	6.29	31.70	330	48	ND<1.0	ND<1.0	1.2		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-8	11/23/05		6.48	0.00	6.23	31.70	75	4.3	ND<2.0	ND<2.0	ND<4.0		ND<5.0	ND<25	ND<5.0	ND<5.0	ND<5.0	
B-8	02/09/06		6.61	0.00	6.10	31.79	ND<50	1.1	ND<0.50	ND<0.50	ND<0.50		2.12	ND<10	ND<0.50	ND<0.50	ND<0.50	
B-8	05/09/06		6.23	0.00	6.48	31.82	130	ND<0.50	ND<0.50	ND<0.50	ND<1.0		8.40	ND<10	ND<1.0	ND<1.0	ND<1.0	
B-8	08/24/06		6.42	0.00	6.29	31.65	72	0.75	ND<1.0	ND<1.0	ND<1.0		2.3	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-8	11/17/06		6.64	0.00	6.07	31.70	ND<50	0.89	ND<0.50	ND<0.50	ND<1.0		ND<1.0	ND<10	ND<1.0	ND<1.0	ND<1.0	
B-8	03/02/07		6.70	0.00	6.01	31.60	ND<50	1.8	ND<0.50	ND<0.50	ND<1.0		2.2	ND<10	ND<1.0	ND<1.0	ND<1.0	
B-8	06/05/07																	Unable to locate
B-8	09/10/07		7.40	0.00	5.31	31.64	77	4.5	ND<0.50	ND<0.50	ND<1.0		ND<1.0	ND<10	ND<1.0	ND<1.0	ND<1.0	
B-8	10/29/07		7.32	0.00	5.39	31.69	67	15	ND<0.50	ND<0.50	ND<1.0		ND<1.0	ND<10	ND<1.0	ND<1.0	ND<1.0	
B-8	03/25/08		7.11	0.00	5.60	31.78	100	36.0	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-8	06/23/08		7.06	0.00	5.65	31.63	200	48	1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-8	09/02/08	09/03/08	7.15	0.00	5.56	31.71	130	30	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-8	12/11/08	12/11/08	7.42	0.00	5.29	31.78	99	23	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-8	03/04/09	03/04/09	6.73	0.00	5.98	31.69	120	27	ND<1.0	ND<1.0	ND<1.0		ND<1.0	16	ND<2.0	ND<2.0	ND<2.0	
B-8	06/02/09	06/02/09	7.23	0.00	5.48	31.79	160	30	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-8	07/28/09	07/28/09	7.60	0.00	5.11	31.66	140	17	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-8	11/06/09		7.86	0.00	4.85	31.60	70	8.6	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-8	03/03/10		6.62	0.00	6.09	31.60	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		2.5	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-8	06/01/10		7.25	0.00	5.46	31.68	130	18	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-8	08/31/10		6.97	0.00	5.74	31.73	ND<50	4.8	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-8	12/01/10		6.71	0.00	6.00	31.72	240	4.6	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-8	03/02/11																	Street well (inaccessible)
B-8	03/25/11	03/25/11	6.31	0.00	6.40	31.78	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		3.2	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-8	06/02/11	06/02/11	6.94	0.00	5.77	31.74	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		1.5	ND<10	ND<5.0	ND<5.0	ND<5.0	

TABLE 3
HISTORICAL GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
20001 Brookhurst Street, Huntington Beach

WELL	DATE GAUGED	DATE SAMPLED	DEPTH TO GW (feet)	SPH THICKN. (feet)	GW ELEV. (relative to MSL)	WELL DEPTH (feet)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL-BENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE 8020/8021 (ug/L)	MTBE 8260 (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	COMMENTS
B-8	09/06/11	09/06/11	7.95	0.00	4.76	31.81	558	22.4	0.57 J	ND<1.0	ND<2.0		ND<1.0	ND<10	ND<5.0	ND<5.0	ND<5.0	
B-8	03/05/12	03/05/12	6.61	0.00	6.10	30.85	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		2.5	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-8	09/11/12	09/11/12	6.55	0.00	6.16	31.81	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		2	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-9					**Top of casing elevation (ft): 10.45**					**Screen Interval: 7 to 32**								
B-9	04/24/92		9.03	0.00	1.42	31.55	ND<500	ND	ND	ND	ND							
B-9	06/30/92		9.90	0.00	0.55	31.70	ND<500	ND	ND	ND	ND							
B-9	09/16/92		11.21	0.00	-0.76	31.64	ND<500	1	ND	1	3.7							
B-9	01/12/93		10.43	0.00	0.02	31.50	ND<500	ND	ND	ND	2.4							
B-9	03/22/93		7.70	0.00	2.75	31.70	ND<500	ND	ND	ND	ND							
B-9	05/03/93		7.78	0.00	2.67	31.61	ND<500	ND	ND	ND	ND							
B-9	07/21/93		8.98	0.00	1.47	31.49	ND<500	ND	2.1	ND	3.2							
B-9	10/25/93		10.48	0.00	-0.03	31.51	ND<500	ND	ND	ND	ND							
B-9	12/03/93		10.05	0.00	0.40	31.52												
B-9	02/02/94		8.97	0.00	1.48	31.48												
B-9	02/12/94		8.89	0.00	1.56	30.79												
B-9	02/19/94		8.49	0.00	1.96	31.40												
B-9	02/26/94		8.34	0.00	2.11	31.44	ND<500	ND	ND	ND	ND							
B-9	03/10/94		8.07	0.00	2.38	31.51												
B-9	04/27/94		7.45	0.00	3.00	31.55	ND<500	1.5	3.4	1.3	6.5							
B-9	07/27/94		8.92	0.00	1.53	31.42	ND<500	ND	ND	ND	ND							
B-9	08/17/94		9.21	0.00	1.24	31.52												
B-9	12/19/94		9.06	0.00	1.39	31.50	ND<500	5.4	7.7	4.9	18							
B-9	02/15/95		7.29	0.00	3.16	31.48	ND<500	0.7	ND	ND	0.7							
B-9	04/13/95		7.08	0.00	3.37	31.58	ND<500	ND	ND	ND	ND							
B-9	07/13/95		8.42	0.00	2.03	31.62	2500	67	149.2	170.9	273.2							
B-9	10/10/95		9.92	0.00	0.53	31.66	ND<500	2.4	2.4	1.9	5.3							
B-9	01/24/96		9.29	0.00	1.16	31.62	ND<500	0.4	ND	ND	ND							
B-9	04/22/96		7.87	0.00	2.58	31.65	ND<500	0.3	ND	ND	ND							
B-9	07/25/96		10.24	0.00	0.21	31.62	ND<500	0.5	ND	ND	ND	ND						
B-9	02/17/97		7.95	0.00	2.50	31.58	9600	160	65	3.8	330	200						
B-9	05/15/97		9.03	0.00	1.42	31.60	ND<500	1.1	0.9	0.8	2.3	ND						
B-9	09/11/97		11.33	0.00	-0.88	31.62	ND<500	3.5	3.1	0.9	3.9	ND						
B-9	12/05/97		11.02	0.00	-0.57	31.55	ND<500	0.3	0.3	0.3	ND	ND<10						
B-9	02/27/98		7.99	0.00	2.46	31.61	ND<500	ND	ND	ND	ND	ND						
B-9	04/08/98		8.08	0.00	2.37	31.65	ND<500	0.7	1.1	0.5	2.2	ND						
B-9	08/17/98		10.28	0.00	0.17	31.65	ND<500	12	18	5.5	22	ND						
B-9	10/20/98		11.04	0.00	-0.59	31.70	ND<500	ND	ND	ND	ND	ND						
B-9	01/08/99		10.23	0.00	0.22	31.63	ND<500	0.85	ND<0.3	0.41	2.2	ND<10						
B-9	04/01/99		10.04	0.00	0.41	31.70	ND<500	0.82	0.40	ND<0.3	ND<0.6	12						
B-9					**Top of casing elevation (ft): 12.63**													
B-9	07/02/99		10.20	0.00	2.43	31.69	ND<500	0.70	ND<0.3	ND<0.3	ND<0.6	12						No purge sample
B-9	10/22/99		11.63	0.00	1.00	31.72	ND<500	0.4	ND<0.3	ND<0.3	ND<0.6	13						No purge sample
B-9	02/03/00		10.78	0.00	1.85	31.54	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<5.0						No purge sample
B-9	04/25/00		9.36	0.00	3.27	31.27	ND<500	1.4	ND<0.3	ND<0.3	ND<0.6	25						
B-9	07/24/00		10.78	0.00	1.85	31.73	ND<500	1.3	ND<0.3	ND<0.3	ND<0.6	20						
B-9	10/24/00		11.47	0.00	1.16	31.64	ND<500	2.9	ND<0.3	ND<0.3	ND<0.6	29						
B-9	11/28/00		11.23	0.00	1.40	31.70							28	ND<50	14	ND<2.0	ND<2.0	
B-9	02/09/01		10.08	0.00	2.55	31.75	ND<500	2.1	ND<1.0	ND<1.0	ND<2.0		38	ND<50	16	ND<2.0	ND<2.0	
B-9	03/06/01		8.29	0.00	4.34	31.72												
B-9	06/29/01		9.38	0.00	3.25	31.74	ND<100	1.4	ND<1.0	ND<1.0	ND<2.0		37	ND<50	18	ND<2.0	ND<2.0	
B-9	09/07/01		10.56	0.00	2.07	31.77	200	11	15	6	27		30	ND<100	14	ND<10	ND<10	
B-9	12/10/01		11.14	0.00	1.49	31.77	ND<50	ND<1	ND<1	ND<1	ND<1		24	ND<500	12	ND<10	ND<10	
B-9	02/06/02		11.48	0.00	1.15	31.78	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0		15	ND<50	ND<10	ND<10	ND<10	
B-9	05/16/02		11.10	0.00	1.53	31.70	60	ND<1.0	1	2	5		27	ND<50	ND<10	ND<10	ND<10	
B-9	08/02/02		11.11	0.00	1.52	31.70	80	ND<1	ND<1	ND<1	ND<1.0		69	ND<50	10	ND<10	ND<10	
B-9	11/07/02		11.14	0.00	1.49	31.75	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		32	110	8.0	ND<2.0	ND<2.0	

TABLE 3
HISTORICAL GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
20001 Brookhurst Street, Huntington Beach

WELL	DATE GAUGED	DATE SAMPLED	DEPTH TO GW (feet)	SPH THICKN. (feet)	GW ELEV. (relative to MSL)	WELL DEPTH (feet)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL-BENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE 8020/8021 (ug/L)	MTBE 8260 (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	COMMENTS
B-9	02/04/03		10.40	0.00	2.23	31.75	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		29	100	5.7	ND<2.0	ND<2.0	
B-9	05/07/03		8.85	0.00	3.78	31.75	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		19	93	5.0	ND<2.0	ND<2.0	
B-9	08/08/03		11.29	0.00	1.34	31.75	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		7.9	41	ND<2.0	ND<2.0	ND<2.0	
B-9	11/07/03		10.31	0.00	2.32	31.75	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		12	210	3.8	ND<2.0	ND<2.0	
B-9	02/06/04		9.90	0.00	2.73	31.70	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		13	110	3.7	ND<2.0	ND<2.0	
B-9	05/04/04		8.98	0.00	3.65	31.66	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		11	180	3.8	ND<2.0	ND<2.0	
B-9	08/05/04		9.35	0.00	3.28	31.64	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		7.5	74	2.6	ND<2.0	ND<2.0	
B-9	11/18/04		8.68	0.00	3.95	31.60	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		7.0	54	ND<2.0	ND<2.0	ND<2.0	
B-9	02/04/05		7.00	0.00	5.63	31.57	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		4.6	51	ND<2.0	ND<2.0	ND<2.0	
B-9	05/12/05		7.34	0.00	5.29	31.89	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		4.6	65	ND<2.0	ND<2.0	ND<2.0	
B-9	08/05/05		8.35	0.00	4.28	31.66	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0		3.1	60	ND<2.0	ND<2.0	ND<2.0	
B-9	11/23/05		7.90	0.00	4.73	31.67	ND<50	ND<0.50	ND<2.0	ND<2.0	ND<4.0		5.8	68	ND<5.0	ND<5.0	ND<5.0	
B-9	02/09/06		7.33	0.00	5.30	31.64	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50		7.61	15.6	3.05	ND<0.50	ND<0.50	
B-9	05/09/06		6.79	0.00	5.84	31.60	54	ND<0.50	ND<0.50	ND<0.50	ND<1.0		3.10	ND<10	ND<1.0	ND<1.0	ND<1.0	
B-9	08/24/06		7.71	0.00	4.92	31.51	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.2	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-9	11/17/06		8.20	0.00	4.43	31.59	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0		1.2	ND<10	ND<1.0	ND<1.0	ND<1.0	
B-9	03/02/07		7.94	0.00	4.69	31.50	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0		1.7	ND<10	ND<1.0	ND<1.0	ND<1.0	
B-9	06/05/07		8.45	0.00	4.18	31.65	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0		1.1	ND<10	ND<1.0	ND<1.0	ND<1.0	
B-9	09/10/07		9.60	0.00	3.03	31.73	ND<50	ND<0.50	ND<0.50	2.2	ND<1.0		1.3	ND<10	ND<1.0	ND<1.0	ND<1.0	
B-9	10/29/07		9.66	0.00	2.97	31.68	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0		2.0	ND<10	ND<1.0	ND<1.0	ND<1.0	
B-9	03/25/08		9.22	0.00	3.41	31.74	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.7	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-9	06/23/08		9.13	0.00	3.50	31.73	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.7	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-9	09/02/08	09/02/08	8.87	0.00	3.76	31.68	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.5	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-9	12/11/08	12/11/08	9.26	0.00	3.37	31.82	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.7	21	ND<2.0	ND<2.0	ND<2.0	
B-9	03/04/09	03/04/09	8.62	0.00	4.01	31.69	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.2	27	ND<2.0	ND<2.0	ND<2.0	
B-9	06/02/09	06/02/09	9.18	0.00	3.45	31.70	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.5	11	ND<2.0	ND<2.0	ND<2.0	
B-9	11/06/09		9.62	0.00	3.01	31.54	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.0	20	ND<2.0	ND<2.0	ND<2.0	
B-9	06/01/10		7.50	0.00	5.13	31.64	53	ND<0.50	ND<1.0	ND<1.0	ND<1.0		2.7	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-9	08/31/10		7.37	0.00	5.26	31.69	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		2.5	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-9	12/01/10		7.19	0.00	5.44	31.71	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.9	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-9	03/02/11	03/02/11	6.23	0.00	6.40	31.75	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		2.5	ND<10	0.85 J	ND<5.0	ND<5.0	
B-9	06/02/11	06/02/11	6.81	0.00	5.82	31.77	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		2	ND<10	0.88 J	ND<5.0	ND<5.0	
B-9	09/06/11	09/06/11	7.64	0.00	4.99	31.77	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		1.8	ND<10	0.63 J	ND<5.0	ND<5.0	
B-9	03/05/12	03/05/12	6.80	0.00	5.83	31.80	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		2.1	ND<10	0.55 J	ND<2.0	ND<2.0	
B-9	09/11/12	09/11/12	6.64	0.00	5.99	31.75	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		2.6	ND<10	1.4J	ND<2.0	ND<2.0	
B-10					**Top of casing elevation (ft): n/a.**					**Screen Interval: 6 to 21**								
B-10	12/20/96		8.78	0.00		20.37	3400	560	450	55	320							
B-10	02/17/97		7.69	0.00		20.44	31000	950	1700	1100	4500	130						
B-10	05/15/97		8.59	0.00		20.50	17000	3100	1300	250	840	ND						
B-10	09/11/97		9.65	0.00		20.50	11000	2000	1200	190	770	1600						
B-10	12/05/97		10.01	0.00		20.44	7000	500	550	120	420	2400	2550					
B-10	02/27/98		6.78	0.00		20.47	3400	280	53	ND	750	2000						
B-10	04/08/98		7.16	0.00		20.49	12000	2800	1500	270	1000	2000						
B-10	08/17/98		8.73	0.00		20.45	13000	3000	490	320	1200	150						
B-10	10/20/98		9.20	0.00		20.50	8100	1100	110	56	340	890						
B-10	01/08/99		9.36	0.00		20.45	5300	2100	150	120	880	4700						
B-10	04/01/99		9.11	0.00		20.48	13000	6100	110	540	380	6700						
B-10					**Top of casing elevation (ft): 13.13**													
B-10	07/02/99		9.01	0.00	4.12	20.46	7700	3100	30	260	230	3400						No purge sample
B-10	10/22/99		9.86	0.00	3.27	20.47	17000	2000	13	84	63	20000	16000					No purge sample
B-10	02/03/00		9.89	0.00	3.24	20.33	6000	1900	4.5	55	16	2200						No purge sample
B-10	04/25/00		8.72	0.00	4.41	20.00	7100	1200	44	91	210	7100						
B-10	07/24/00																	Car parked over well
B-10	10/24/00		9.90	0.00	3.23	20.43	25000	3400	33	94	280	32000						
B-10	11/28/00		9.94	0.00	3.19	20.46							4000	49000	ND<400	ND<400	ND<400	

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SHELL-BRANDED SERVICE STATION
20001 Brookhurst Street, Huntington Beach

WELL	DATE GAUGED	DATE SAMPLED	DEPTH TO GW (feet)	SPH THICKN. (feet)	GW ELEV. (relative to MSL)	WELL DEPTH (feet)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL-BENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE 8020/8021 (ug/L)	MTBE 8260 (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	COMMENTS
B-10	02/09/01		8.93	0.00	4.20	20.50	7600	1800	ND<100	ND<100	110		4000	44000	ND<200	ND<200	ND<200	
B-10	03/06/01		7.31	0.00	5.82	20.47												
B-10	06/29/01		8.40	0.00	4.73	20.50	5700	1600	ND<100	ND<100	ND<200		890	53000	ND<200	ND<200	ND<200	
B-10	09/07/01		8.03	0.00	5.10	19.54	2500	650	36	21	68		100	87000	110	ND<10	ND<10	
B-10	12/10/01		8.90	0.00	4.23	19.54	6600	2600	13	29	42		190 J	79000	120	ND<10	ND<10	
B-10	02/06/02		10.10	0.00	3.03	19.54	15000	2200	43	43	71		160	60000	100	ND<10	ND<10	
B-10	05/16/02		10.12	0.00	3.01	19.41	8200	290	480	45	620		440	9300	19	ND<10	ND<10	Sampled from port
B-10	08/02/02		8.63	0.00	4.50	19.41	3100	800	5	12	15		220	20000	200 J	ND<10	ND<10	
B-10	11/07/02		8.99	0.00	4.14	19.61	350	150	ND<10	ND<10	13		19	1400	ND<20	ND<20	ND<20	
B-10	02/04/03		9.17	0.00	3.96	19.61	7100	2100	230	290	990		490	6800	70	ND<4.0	ND<4.0	
B-10	05/07/03		7.22	0.00	5.91	19.61	280	1.4	ND<1.0	1.4	12.3		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-10	08/08/03		9.54	0.00	3.59	19.61	7500	5100	56	110	30		250	9900	220	ND<40	ND<40	
B-10	11/07/03		8.64	0.00	4.49	19.48	2300	500	ND<5.0	21	ND<5.0		84	2300	73	ND<10	ND<10	
B-10	02/06/04		8.62	0.00	4.51	19.40	150	0.93	ND<1.0	ND<1.0	ND<1.0		ND<1.0	23	ND<2.0	ND<2.0	ND<2.0	
B-10	05/04/04		7.95	0.00	5.18	19.29	1200	390	36	54	68		16	120	14	ND<2.0	ND<2.0	
B-10	08/05/04		8.25	0.00	4.88	19.40	3000	860	20	55	75		110	410	72	ND<4.0	ND<4.0	
B-10	11/18/04		7.32	0.00	5.81	19.40	290	18	3.8	14	18		1.9	10	ND<2.0	ND<2.0	ND<2.0	
B-10	02/04/05		6.12	0.00	7.01	19.37	470	6.9	64	28	92		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-10	05/12/05		6.47	0.00	6.66	19.37	ND<50	1.3	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-10	08/05/05		7.29	0.00	5.84	19.40	1200	1000	22	36	61		13.0	47	28	ND<2.0	ND<2.0	
B-10	11/23/05		7.04	0.00	6.09	19.40	720	330	ND<10	ND<10	ND<20		33.0	330	28	ND<25	ND<25	
B-10	02/09/06		6.68	0.00	6.45	19.45	ND<50	119	1.06	0.82	0.85		29.80	384	21.20	ND<0.50	ND<0.50	
B-10	05/09/06		6.59	0.00	6.54	19.38	510	200.0	3.5	2.1	1.9		17	230	18	ND<1.0	ND<1.0	
B-10	08/24/06		7.35	0.00	5.78	19.20	3200	1100	21	64	35		170	460	64	ND<20	ND<20	
B-10	11/17/06		8.15	0.00	4.98	19.32	2800	940	ND<5.0	38	37		82	350	54	ND<10	ND<10	
B-10	03/02/07		8.12	0.00	5.01	19.32	2600	1200	11	63	52		100	320	72	ND<10	ND<10	
B-10	06/05/07		8.10	0.00	5.03	19.31	1200	640	ND<5.0	8.4	ND<10		63	ND<100	45	ND<10	ND<10	
B-10	09/10/07		6.22	0.00	6.91	19.34	1000	550	ND<5.0	5.7	ND<10		56	ND<100	52	ND<10	ND<10	
B-10	10/29/07		7.59	0.00	5.54	19.27	1200	520	ND<5.0	ND<5.0	ND<10		66	ND<100	64	ND<10	ND<10	
B-10	03/25/08		8.11	0.00	5.02	19.51	3300	790	13	110	14.9		ND<1.0	28	65	ND<2.0	ND<2.0	
B-10	06/23/08		7.12	0.00	6.01	19.45	1500	85	3.3	30	4.4		10	ND<10	12	ND<2.0	ND<2.0	
B-10	09/02/08	09/03/08	7.37	0.00	5.76	19.18	770	90	2.1	5.1	18.4		27	21	49	ND<2.0	ND<2.0	
B-10	12/11/08	12/11/08	7.91	0.00	5.22	19.41	1300	93	3.1	33	4.4		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-10	03/04/09	03/04/09	7.77	0.00	5.36	19.42	3800	270	19	170	43		ND<1.0	ND<10	12	ND<2.0	ND<2.0	
B-10	06/02/09	06/02/09	8.23	0.00	4.90	19.45	3700	210	21	51	24		5.4	ND<50	14	ND<10	ND<10	
B-10	07/28/09	07/28/09	8.57	0.00	4.56	19.41	1900	41	6.4	7.1	4.7		17	12	31	ND<2.0	ND<2.0	
B-10	11/06/09		8.94	0.00	4.19	19.51	1500	30	3.3	5.3	2.3		6.1	ND<10	8.4	ND<2.0	ND<2.0	
B-10	03/03/10		6.24	0.00	6.89	19.38	390	6.9	1.1	6.5	1.4		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-10	06/01/10		7.89	0.00	5.24	19.40	3900	220	27	72	41		18	10	26	ND<2.0	ND<2.0	
B-10	08/31/10		6.98	0.00	6.15	19.45	730	20	2.7	2.0	3.1		13	30	26	ND<2.0	ND<2.0	
B-10	12/01/10		6.66	0.00	6.47	19.41	390	0.65	ND<1.0	ND<1.0	ND<1.0		2.2	130	8.8	ND<2.0	ND<2.0	
B-10	03/02/11	03/02/11	5.47	0.00	7.66	19.38	100	ND<1.0	ND<1.0	ND<1.0	ND<2.0		ND<1.0	ND<10	ND<5.0	ND<5.0	ND<5.0	
B-10	06/02/11	06/02/11	6.00	0.00	7.13	19.50	175	2.2	ND<1.0	ND<1.0	ND<2.0		ND<1.0	ND<10	0.63 J	ND<5.0	ND<5.0	
B-10	09/06/11	09/06/11	6.67	0.00	6.46	19.50	185	8	0.70 J	ND<1.0	ND<2.0		ND<1.0	19.6	2.2 J	ND<5.0	ND<5.0	
B-10	03/05/12	03/05/12	6.53	0.00	6.60	19.54	58.1	1	ND<1.0	ND<1.0	ND<2.0		0.24 J	8.8 J	0.32 J	ND<2.0	ND<2.0	
B-10					**Top of casing elevation (ft): 12.16**													
B-10	09/11/12	09/11/12	6.98	0.00	5.18	19.49	145	4.9	ND<1.0	ND<1.0	ND<2.0		3.7	286	5.7	ND<2.0	ND<2.0	
B-11					**Top of casing elevation (ft): 12.45**						**Screen Interval: 5 to 20**							
B-11	06/29/01		7.21	0.00	5.24	20.56	ND<100	ND<0.50	ND<1.0	ND<1.0	ND<2.0		34	ND<50	ND<2.0	ND<2.0	ND<2.0	
B-11	09/07/01		7.66	0.00	4.79	20.48	230	9	19	6	21		42	ND<100	ND<10	ND<10	ND<10	
B-11	12/10/01		8.94	0.00	3.51	20.48	ND<50	ND<1	ND<1	ND<1	ND<1		34	ND<500	ND<10	ND<10	ND<10	
B-11	02/06/02		9.12	0.00	3.33	20.75	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0		30	ND<50	ND<10	ND<10	ND<10	
B-11	05/16/02		8.81	0.00	3.64	20.50	ND<50	4	2	2	5		20	72	ND<10	ND<10	ND<10	
B-11	08/02/02		8.46	0.00	3.99	20.50	ND<50	ND<1	ND<1	ND<1	ND<1.0		16	ND<50	ND<10	ND<10	ND<10	
B-11	11/07/02		8.75	0.00	3.70	20.53	ND<50	0.68	3.1	ND<1.0	4		8.5	ND<10	ND<2.0	ND<2.0	ND<2.0	

TABLE 3
HISTORICAL GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
20001 Brookhurst Street, Huntington Beach

WELL	DATE GAUGED	DATE SAMPLED	DEPTH TO GW (feet)	SPH THICKN. (feet)	GW ELEV. (relative to MSL)	WELL DEPTH (feet)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL-BENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE 8020/8021 (ug/L)	MTBE 8260 (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	COMMENTS
B-11	02/04/03		8.82	0.00	3.63	20.53	ND<50	1.8	2.1	ND<1.0	1.0		7.8	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-11	05/07/03		7.23	0.00	5.22	20.53	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		5.7	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-11	08/08/03		9.17	0.00	3.28	20.53	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		9.5	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-11	11/07/03		8.39	0.00	4.06	20.45	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		5.6	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-11	02/06/04		8.40	0.00	4.05	20.45	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		9.6	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-11	05/04/04		7.64	0.00	4.81	20.45	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		7.5	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-11	08/05/04		7.83	0.00	4.62	20.43	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		4.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-11	11/18/04		7.12	0.00	5.33	20.50	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		5.2	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-11	02/04/05		6.10	0.00	6.35	20.40	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		5.7	20	ND<2.0	ND<2.0	ND<2.0	
B-11	05/12/05		6.13	0.00	6.32	20.40	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		9.6	43	ND<2.0	ND<2.0	ND<2.0	
B-11	08/05/05		6.78	0.00	5.67	20.44	ND<50	0.87	ND<1.0	ND<1.0	ND<1.0		6.3	29	ND<2.0	ND<2.0	ND<2.0	
B-11	11/23/05		6.88	0.00	5.57	20.41	ND<50	ND<0.50	ND<2.0	ND<2.0	ND<4.0		6.9	ND<25	ND<5.0	ND<5.0	ND<5.0	
B-11	02/09/06		6.56	0.00	5.89	20.51	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50		6.62	37.6	ND<0.50	ND<0.50	ND<0.50	
B-11	05/09/06		6.34	0.00	6.11	20.37	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0		7.00	13	ND<1.0	ND<1.0	ND<1.0	
B-11	08/24/06		6.96	0.00	5.49	20.35	54	ND<0.50	ND<1.0	ND<1.0	ND<1.0		5.4	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-11	11/17/06		7.45	0.00	5.00	20.37	ND<50	0.52	0.53	ND<0.50	ND<1.0		3.2	ND<10	ND<1.0	ND<1.0	ND<1.0	
B-11	03/02/07		7.50	0.00	4.95	20.30	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0		2.5	ND<10	ND<1.0	ND<1.0	ND<1.0	
B-11	06/05/07		7.41	0.00	5.04	20.23	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0		3.9	ND<10	ND<1.0	ND<1.0	ND<1.0	
B-11	09/10/07		7.75	0.00	4.70	20.38	ND<50	ND<0.50	ND<0.50	2.2	ND<1.0		3.6	ND<10	ND<1.0	ND<1.0	ND<1.0	
B-11	10/29/07		7.63	0.00	4.82	20.38	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0		4.5	ND<10	ND<1.0	ND<1.0	ND<1.0	
B-11	03/25/08		7.47	0.00	4.98	20.39	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		2.6	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-11	06/23/08		7.15	0.00	5.30	20.35	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		2.7	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-11	09/02/08		6.82	0.00	5.63	20.30	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		3.2	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-11	12/11/08	12/11/08	7.63	0.00	4.82	20.15	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.7	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-11	03/04/09	03/04/09	7.02	0.00	5.43	20.31	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.7	14	ND<2.0	ND<2.0	ND<2.0	
B-11	06/02/09	06/02/09	8.38	0.00	4.07	20.28	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.9	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-11	11/06/09		8.87	0.00	3.58	20.32	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.6	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-11	06/01/10		7.90	0.00	4.55	20.27	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.5	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-11	08/31/10		6.76	0.00	5.69	20.27	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.6	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-11	12/01/10		6.24	0.00	6.21	20.22	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-11	03/02/11																	Street well (inaccessible)
B-11	03/25/11	03/25/11	5.42	0.00	7.03	20.37	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-11	06/02/11	06/02/11	5.95	0.00	6.50	20.38	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		0.54 J	ND<10	ND<5.0	ND<5.0	ND<5.0	
B-11	09/06/11	09/06/11	6.51	0.00	5.94	20.37	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		ND<1.0	ND<10	ND<5.0	ND<5.0	ND<5.0	
B-11	03/05/12	03/05/12	6.28	0.00	6.17	20.41	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		1.3	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-11	09/11/12	09/11/12	6.98	0.00	5.47	20.37	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		2	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-12					**Top of casing elevation (ft): 12.33**					**Screen Interval: 5 to 20**								
B-12	06/29/01		7.93	0.00	4.40	20.13	19000	3300	2100	470	1890		1300	34000	180	ND<100	ND<100	
B-12	09/07/01		8.44	0.00	3.89	20.13	23000	3000	640	320	550		1500	35000	190 J	ND<10	ND<10	
B-12	12/10/01		9.28	0.00	3.05	20.13	9200	2800	120	300	470		580	48000	110	ND<10	ND<10	
B-12	02/06/02		9.50	0.00	2.83	20.08	13000	2400	110	180	450		470	46000	130	ND<10	ND<10	
B-12	05/16/02		9.30	0.00	3.03	20.05	12000	2800	180	550	430		440	46000	130	ND<10	ND<10	
B-12	08/02/02		9.07	0.00	3.26	20.05	11000	3000	390	250	360		440	11000	200	ND<10	ND<10	
B-12	11/07/02		9.39	0.00	2.94	20.13	4400	2400	75	49	65		280	18000	120	ND<20	ND<20	
B-12	02/04/03		9.10	0.00	3.23	20.13	1800	2200	240	77	150		210	11000	83	ND<40	ND<40	
B-12	05/07/03		7.68	0.00	4.65	20.13	4600	1900	570	160	690		130	7900	86	ND<40	ND<40	
B-12	08/08/03		9.15	0.00	3.18	20.13	1300	540	84	60	202		100	13000	81	ND<40	ND<40	
B-12	11/07/03		9.01	0.00	3.32	20.05	1700	810	37	99	221		92	3500	75	ND<40	ND<40	
B-12	02/06/04		9.04	0.00	3.29	20.05	1100	360	15	39	110		74	2700	73	ND<20	ND<20	
B-12	05/04/04		8.35	0.00	3.98	20.04	2200	940	76	94	331		97	3000	86	ND<10	ND<10	
B-12	08/05/04		8.52	0.00	3.81	20.10	4600	1700	47	210	614		100	2100	97	ND<10	ND<10	
B-12	11/18/04		7.78	0.00	4.55	20.10	4300	1900	170	210	757		93	1600	120.0	ND<20	ND<20	
B-12	02/04/05		6.30	0.00	6.03	19.97	4000	1500	370	180	570		86	1700	97.0	ND<40	ND<40	
B-12	05/12/05		6.66	0.00	5.67	20.00	2100	960	110	96	219		77	1600	92.0	ND<20	ND<20	
B-12	08/05/05		7.55	0.00	4.78	20.04	2000	1300	78	68	162		45	880	120	ND<20	ND<20	

TABLE 3
HISTORICAL GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
20001 Brookhurst Street, Huntington Beach

WELL	DATE GAUGED	DATE SAMPLED	DEPTH TO GW (feet)	SPH THICKN. (feet)	GW ELEV. (relative to MSL)	WELL DEPTH (feet)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL-BENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE 8020/8021 (ug/L)	MTBE 8260 (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	COMMENTS
B-12	11/23/05		7.44	0.00	4.89	20.06	1900	920	71	67	190		31	570	120	ND<5.0	ND<5.0	
B-12	02/09/06		7.34	0.00	4.99	20.10	4320	1040	29.7	76.8	167		37.60	209	87.70	ND<0.50	ND<0.50	
B-12	05/09/06		6.89	0.00	5.44	19.98	1700	570	14	74	120		24.00	320	60.00	ND<10	ND<10	
B-12	08/24/06		7.44	0.00	4.89	20.07	2500	1200	68	110	245		21	250	63	ND<20	ND<20	
B-12	11/17/06		7.99	0.00	4.34	20.01	900	270	1.7	31	43		9.5	92	60	ND<2.0	ND<2.0	
B-12	03/02/07		8.04	0.00	4.29	19.89	1200	570	9.0	45	71		12	34	61	ND<2.0	ND<2.0	
B-12	06/05/07		7.61	0.00	4.72	19.98	980	400	2.3	33	50		19	34	71	ND<2.0	ND<2.0	
B-12	09/10/07		8.38	0.00	3.95	19.98	700	380	2.6	35	37		16	ND<40	91	ND<4.0	ND<4.0	
B-12	10/29/07		8.10	0.00	4.23	20.05	410	100	ND<1.0	9.6	7.5		14	ND<20	66	ND<2.0	ND<2.0	
B-12	03/25/08		8.12	0.00	4.21	20.08	800	180	2.1	33	34		15	14	70	ND<2.0	ND<2.0	
B-12	06/23/08		7.54	0.00	4.79	20.05	1000	210	3.2	43	38.9		17	19	65	ND<2.0	ND<2.0	
B-12	09/02/08	09/02/08	7.05	0.00	5.28	20.02	240	14	ND<1.0	4.2	3.9		3.7	11	29	ND<2.0	ND<2.0	
B-12	12/11/08	12/11/08	8.17	0.00	4.16	19.98	280	11	ND<1.0	18	16.2		2.0	ND<10	20.0	ND<2.0	ND<2.0	
B-12	03/04/09	03/04/09	6.72	0.00	5.61	20.05	470	23	ND<1.0	13	12		1.9	22	17	ND<2.0	ND<2.0	
B-12	06/02/09	06/02/09	8.24	0.00	4.09	20.00	470	30	1.7	8.8	3.7		4.5	ND<10	25	ND<2.0	ND<2.0	
B-12	07/28/09	07/28/09	8.45	0.00	3.88	20.01	190	14	ND<1.0	3.4	1.1		5.3	ND<10	23	ND<2.0	ND<2.0	
B-12	11/06/09		8.81	0.00	3.52	20.12	340	7.7	ND<1.0	3.1	1.9		5.9	ND<10	24	ND<2.0	ND<2.0	
B-12	03/03/10		6.48	0.00	5.85	19.89	160	12	ND<1.0	3.1	2.5		3.4	ND<10	16	ND<2.0	ND<2.0	
B-12	06/01/10		7.48	0.00	4.85	19.91	270	9.5	ND<1.0	3.0	2.9		6.8	ND<10	29	ND<2.0	ND<2.0	
B-12	08/31/10		7.23	0.00	5.10	19.89	290	46	3.1	16	40		7.1	ND<10	35	ND<2.0	ND<2.0	
B-12	12/01/10		6.89	0.00	5.44	19.84	140	ND<0.50	ND<1.0	ND<1.0	ND<1.0		2.3	ND<10	8.8	ND<2.0	ND<2.0	
B-12	03/02/11																	Street well (inaccessible)
B-12	03/25/11	03/25/11	5.50	0.00	6.83	20.00	340	34	1.4	9.6	13		4.3	ND<10	15	ND<2.0	ND<2.0	
B-12	06/02/11	06/02/11	6.31	0.00	6.02	20.00	236	14.4	1.6	3.1	3.1		5.1	ND<10	20	ND<5.0	ND<5.0	
B-12	09/06/11	09/06/11	6.99	0.00	5.34	20.02	801	55.2	7	11.7	20		7.5	ND<10	35.6	ND<5.0	ND<5.0	
B-12	03/05/12	03/05/12	6.82	0.00	5.51	20.10	583	49.2	3.3	13.9	22.2		3.2	2.8 J	16.7	ND<2.0	ND<2.0	
B-12	09/11/12	09/11/12	7.32	0.00	5.01	19.99	1570	62.5	8	23.2	31.2		6.1	ND<20	25.2	ND<4.0	ND<4.0	
B-13					**Top of casing elevation (ft): 12.24**						**Screen Interval: 5 to 20**							
B-13	06/29/01		8.18	0.00	4.06	20.01	ND<100	0.69	ND<1.0	ND<1	ND<2		1.6	ND<50	ND<2.0	ND<2.0	ND<2.0	
B-13	09/07/01		8.65	0.00	3.59	19.93	ND<50	ND<1	1	ND<1	ND<1		ND<2	ND<100	ND<10	ND<10	ND<10	
B-13	12/10/01		9.31	0.00	2.93	19.93	ND<50	ND<1	ND<1	ND<1	ND<1		4	ND<500	ND<10	ND<10	ND<10	
B-13	02/06/02		9.52	0.00	2.72	20.20	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0		3	ND<50	ND<10	ND<10	ND<10	
B-13	05/16/02		9.27	0.00	2.97	19.90	ND<50	ND<1.0	1	2	4		4	ND<50	ND<10	ND<10	ND<10	
B-13	08/02/02		9.25	0.00	2.99	19.90	ND<50	ND<1	ND<1	ND<1	ND<1		3	ND<50	ND<10	ND<10	ND<10	
B-13	11/07/02		9.69	0.00	2.55	19.95	ND<50	0.77	3.8	ND<1.0	5		2.4	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-13	02/04/03		9.23	0.00	3.01	19.95	ND<50	1.1	1.2	ND<1.0	ND<1.0		11	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-13	05/07/03		7.77	0.00	4.47	19.95	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		34	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-13	08/08/03		9.11	0.00	3.13	19.95	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		30	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-13	11/07/03		9.26	0.00	2.98	19.84	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		23	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-13	02/06/04		9.26	0.00	2.98	19.85	ND<50	0.62	ND<1.0	ND<1.0	ND<1.0		16	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-13	05/04/04		8.51	0.00	3.73	19.89	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		12	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-13	08/05/04		8.75	0.00	3.49	19.93	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		12	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-13	11/18/04		8.00	0.00	4.24	19.86	ND<50	0.84	ND<1.0	ND<1.0	ND<1.0		8.9	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-13	02/04/05		6.59	0.00	5.65	19.79	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		2.2	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-13	05/12/05		6.82	0.00	5.42	19.72	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.1	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-13	08/05/05		7.75	0.00	4.49	19.74	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0		1.9	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-13	11/23/05		7.81	0.00	4.43	19.80	ND<50	ND<0.50	ND<2.0	ND<2.0	ND<4.0		ND<5.0	ND<25	ND<5.0	ND<5.0	ND<5.0	
B-13	02/09/06		7.51	0.00	4.73	19.84	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50		2.35	ND<10	ND<0.50	ND<0.50	ND<0.50	
B-13	05/09/06		6.94	0.00	5.30	19.63	ND<50	0.53	ND<0.50	ND<0.50	ND<1.0		ND<1.0	ND<10	ND<1.0	ND<1.0	ND<1.0	
B-13	08/24/06		7.52	0.00	4.72	19.80	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.7	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-13	11/17/06		8.05	0.00	4.19	19.75	ND<50	ND<0.50	0.68	ND<0.50	ND<1.0		1.4	ND<10	ND<1.0	ND<1.0	ND<1.0	
B-13	03/02/07		8.21	0.00	4.03	19.75	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0		1.5	ND<10	ND<1.0	ND<1.0	ND<1.0	
B-13	06/05/07		7.96	0.00	4.28	19.50	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0		1.5	ND<10	ND<1.0	ND<1.0	ND<1.0	
B-13	09/10/07		8.41	0.00	3.83	19.71	ND<50	ND<0.50	ND<0.50	2.2	ND<1.0		1.8	ND<10	ND<1.0	ND<1.0	ND<1.0	
B-13	10/29/07		8.35	0.00	3.89	19.83	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0		1.4	ND<10	ND<1.0	ND<1.0	ND<1.0	

TABLE 3
HISTORICAL GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
20001 Brookhurst Street, Huntington Beach

WELL	DATE GAUGED	DATE SAMPLED	DEPTH TO GW (feet)	SPH THICKN. (feet)	GW ELEV. (relative to MSL)	WELL DEPTH (feet)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL-BENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE 8020/8021 (ug/L)	MTBE 8260 (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	COMMENTS
B-13	03/25/08		7.98	0.00	4.26	19.84	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.4	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-13	06/23/08		7.63	0.00	4.61	19.68	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		2.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-13	09/02/08	09/02/08	8.18	0.00	4.06	19.75	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.2	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-13	12/11/08	12/11/08	8.32	0.00	3.92	19.72	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-13	03/04/09	03/04/09	7.63	0.00	4.61	19.71	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.4	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-13	06/02/09	06/02/09	8.24	0.00	4.00	19.66	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		2.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-13	11/06/09		8.83	0.00	3.41	19.83	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.7	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-13	06/01/10		7.41	0.00	4.83	19.54	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.9	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-13	08/31/10		7.64	0.00	4.60	19.57	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.9	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-13	12/01/10		7.11	0.00	5.13	19.63	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.1	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-13	03/02/11																	Street well (inaccessible)
B-13	03/25/11	03/25/11	5.84	0.00	6.40	19.62	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.1	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-13	06/02/11	06/02/11	6.52	0.00	5.72	19.63	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		1.5	ND<10	ND<5.0	ND<5.0	ND<5.0	
B-13	09/06/11	09/06/11	7.21	0.00	5.03	19.62	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		1.4	ND<10	ND<5.0	ND<5.0	ND<5.0	
B-13	03/05/12	03/05/12	7.14	0.00	5.10	19.63	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		1.9	ND<10	ND<2.0	ND<2.0	ND<2.0	
B-13	09/11/12	09/11/12	7.53	0.00	4.71	19.51	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		1.4	ND<10	ND<2.0	ND<2.0	ND<2.0	
DPE-2					**Top of casing elevation (ft): unknown**													
DPE-2	09/11/12	09/11/12	7.12	0.00		15.47	84900	7920	7990	2480	11200		ND<100	ND<1000	25.0J	ND<200	ND<200	
DPE-5					**Top of casing elevation (ft): unknown**													
DPE-5	09/11/12	09/11/12	7.18	0.00		16.88	1780	1.5J	ND<5.0	1.9J	ND<10		ND<5.0	ND<50	ND<10	ND<10	ND<10	
MW-1					**Top of casing elevation (ft): 13.63**						**Screen Interval: 5 to 20**							
MW-1	09/10/07		8.43	0.00	5.20	19.96	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0		ND<1.0	ND<10	1.6	ND<1.0	ND<1.0	
MW-1	10/29/07		8.27	0.00	5.36	19.93	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0		2.2	ND<10	2.4	ND<1.0	ND<1.0	
MW-1	03/25/08		8.03	0.00	5.60	19.78	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.6	ND<10	ND<2.0	ND<2.0	ND<2.0	
MW-1	06/23/08		7.91	0.00	5.72	19.91	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		ND<1.0	11	ND<2.0	ND<2.0	ND<2.0	
MW-1	09/02/08	09/02/08	7.83	0.00	5.80	19.96	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
MW-1	12/11/08	12/11/08	8.45	0.00	5.18	19.88	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
MW-1	03/04/09	03/04/09	7.89	0.00	5.74	19.88	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.2	ND<10	ND<2.0	ND<2.0	ND<2.0	
MW-1	06/02/09	06/02/09	8.55	0.00	5.08	19.95	340	7.1	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
MW-1	07/28/09	07/28/09	8.85	0.00	4.78	19.96	700	37	ND<1.0	1.0	ND<1.0		1.2	ND<10	ND<2.0	ND<2.0	ND<2.0	
MW-1	11/06/09		9.02	0.00	4.61	19.98	1100	38	ND<1.0	1.6	2.2		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
MW-1	03/03/10		7.27	0.00	6.36	19.87	210	1.8	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
MW-1	06/01/10		8.25	0.00	5.38	19.92	560	15	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
MW-1	08/31/10		7.95	0.00	5.68	19.97	640	120	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
MW-1	12/01/10		7.41	0.00	6.22	19.92	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
MW-1	03/02/11	03/02/11	6.68	0.00	6.95	20.00	20.7 J	ND<1.0	ND<1.0	ND<1.0	ND<2.0		ND<1.0	ND<10	ND<5.0	ND<5.0	ND<5.0	
MW-1	06/02/11	06/02/11	7.17	0.00	6.46	20.05	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		0.64 J	ND<10	0.72 J	ND<5.0	ND<5.0	
MW-1	09/06/11	09/06/11	7.92	0.00	5.71	20.11	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		ND<1.0	ND<10	0.70 J	ND<5.0	ND<5.0	
MW-1	03/05/12	03/05/12	7.39	0.00	6.24	20.18	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		ND<1.0	ND<10	0.46 J	ND<2.0	ND<2.0	
MW-1	09/11/12	09/11/12	7.92	0.00	5.71	20.15	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		ND<1.0	ND<10	0.45J	ND<2.0	ND<2.0	
MW-2					**Top of casing elevation (ft): 12.31**						**Screen Interval: 5 to 20**							
MW-2	10/17/07		8.67	0.00	3.64	19.02												
MW-2	10/29/07		8.44	0.00	3.87	20.10	180	ND<0.50	ND<0.50	ND<0.50	ND<1.0		1.0	ND<10	ND<1.0	ND<1.0	ND<1.0	
MW-2	03/25/08		7.98	0.00	4.33	19.87	330	ND<0.50	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
MW-2	06/23/08		7.90	0.00	4.41	19.38	350	ND<0.50	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
MW-2	09/02/08	09/03/08	7.97	0.00	4.34	19.08	270	ND<0.50	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
MW-2	12/11/08	12/11/08	8.40	0.00	3.91	19.05	350	ND<0.50	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
MW-2	03/04/09	03/04/09	7.76	0.00	4.55	19.05	470	ND<0.50	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
MW-2	06/02/09	06/02/09	8.11	0.00	4.20	19.00	350	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.4	ND<10	ND<2.0	ND<2.0	ND<2.0	
MW-2	07/28/09	07/28/09	8.42	0.00	3.89	19.00	430	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.7	ND<10	ND<2.0	ND<2.0	ND<2.0	
MW-2	11/06/09		8.69	0.00	3.62	19.02	470	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
MW-2	03/03/10		7.05	0.00	5.26	18.91	330	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.3	ND<10	ND<2.0	ND<2.0	ND<2.0	

TABLE 3
HISTORICAL GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
20001 Brookhurst Street, Huntington Beach

WELL	DATE GAUGED	DATE SAMPLED	DEPTH TO GW (feet)	SPH THICKN. (feet)	GW ELEV. (relative to MSL)	WELL DEPTH (feet)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL-BENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE 8020/8021 (ug/L)	MTBE 8260 (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	COMMENTS
MW-2	06/01/10		7.41	0.00	4.90	18.95	390	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.8	ND<10	ND<2.0	ND<2.0	ND<2.0	
MW-2	08/31/10		7.72	0.00	4.59	18.99	120	0.69	ND<1.0	ND<1.0	ND<1.0		1.4	ND<10	ND<2.0	ND<2.0	ND<2.0	
MW-2	12/01/10		7.31	0.00	5.00	19.03	99	ND<0.50	ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
MW-2	03/02/11																	Street well (inaccessible)
MW-2	03/25/11	03/25/11	6.26	0.00	6.05	19.10	59	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.6	ND<10	ND<2.0	ND<2.0	ND<2.0	
MW-2	06/02/11	06/02/11	6.61	0.00	5.70	19.26	406	0.75 J	ND<2.0	ND<2.0	ND<4.0		1.5 J	ND<20	ND<10	ND<10	ND<10	
MW-2	09/06/11	09/06/11	7.22	0.00	5.09	19.64	308	ND<1.0	ND<1.0	ND<1.0	ND<2.0		0.74 J	ND<10	ND<5.0	ND<5.0	ND<5.0	
MW-2	03/05/12	03/05/12	7.29	0.00	5.02	19.68	237	0.23 J	ND<1.0	ND<1.0	ND<2.0		0.82 J	ND<10	0.24 J	ND<2.0	ND<2.0	
MW-2	09/11/12	09/11/12	7.56	0.00	4.75	19.74	267	ND<1.0	ND<1.0	ND<1.0	ND<2.0		0.59J	ND<10	ND<2.0	ND<2.0	ND<2.0	
MW-3					**Top of casing elevaiton (ft): 12.56**					**Screen Interval: 5 to 20**								
MW-3	07/09/09	07/09/09	8.68	0.00	3.88	18.28												
MW-3	07/28/09	07/28/09	8.77	0.00	3.79	19.90	110	ND<0.50	ND<1.0	ND<1.0	ND<1.0		4.6	ND<10	ND<2.0	ND<2.0	ND<2.0	
MW-3					**Top of casing elevaiton (ft): 12.56**													
MW-3	11/06/09		8.98	0.00	3.58	19.26	52	ND<0.50	ND<1.0	ND<1.0	ND<1.0		4.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
MW-3	03/03/10		6.86	0.00	5.70	18.73	96	ND<0.50	ND<1.0	ND<1.0	ND<1.0		4.3	ND<10	ND<2.0	ND<2.0	ND<2.0	
MW-3	06/01/10		7.65	0.00	4.91	18.71	100	ND<0.50	ND<1.0	ND<1.0	ND<1.0		4.4	ND<10	ND<2.0	ND<2.0	ND<2.0	
MW-3	08/31/10		7.63	0.00	4.93	18.51	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		3.7	ND<10	ND<2.0	ND<2.0	ND<2.0	
MW-3	12/01/10		7.34	0.00	5.22	18.39	100	ND<0.50	ND<1.0	ND<1.0	ND<1.0		2.4	ND<10	ND<2.0	ND<2.0	ND<2.0	
MW-3	03/02/11	03/02/11	6.04	0.00	6.52	18.40	114	ND<1.0	ND<1.0	ND<1.0	ND<2.0		2.3	ND<10	1.3 J	ND<5.0	ND<5.0	
MW-3	06/02/11	06/02/11	6.44	0.00	6.12	18.32	125	ND<1.0	ND<1.0	ND<1.0	ND<2.0		2.1	ND<10	2.4 J	ND<5.0	ND<5.0	
MW-3	09/06/11	09/06/11	6.95	0.00	5.61	18.15	69.3	ND<1.0	ND<1.0	ND<1.0	ND<2.0		1.9	ND<10	0.78 J	ND<5.0	ND<5.0	
MW-3	03/05/12	03/05/12	6.81	0.00	5.75	18.16	79.3	ND<1.0	ND<1.0	ND<1.0	ND<2.0		2.1	ND<10	2.6	ND<2.0	ND<2.0	
MW-3	09/11/12	09/11/12	7.28	0.00	5.28	17.93	63.3	ND<1.0	ND<1.0	ND<1.0	ND<2.0		2.4	ND<10	5.3	ND<2.0	ND<2.0	
MW-4A					**Top of casing elevation (ft): 12.04**					**Screen Interval: Unknown**								
MW-4A	07/03/12		6.79	0.00	5.25	13.42												Well Development
MW-4A	07/03/12		6.79	0.00	5.25	13.42												Well Development
MW-4A	07/06/12	07/06/12	6.83	0.00	5.21	14.70	1080	72.8	1.1 J	35.4	3.5 J		10.5	31.5	14.1	ND<4.0	ND<4.0	
MW-4A	07/06/12	07/06/12	6.83	0.00	5.21	14.70	1080	72.8	1.1 J	35.4	3.5 J		10.5	31.5	14.1	ND<4.0	ND<4.0	
MW-4A	09/11/12	09/11/12	7.25	0.00	4.79	14.71	1130	92.9	0.96J	58.7	3.2J		5.5	7.9J	10.3	ND<4.0	ND<4.0	
MW-4B					**Top of casing elevation (ft): 12.29**					**Screen Interval: Unknown**								
MW-4B	07/03/12		7.16	0.00	5.13	22.03												Well Development
MW-4B	07/03/12		7.16	0.00	5.13	22.03												Well Development
MW-4B	07/06/12	07/06/12	7.31	0.00	4.98	24.56	ND<100	1.4 J	ND<2.0	ND<2.0	ND<4.0		6.1	606	4.5	ND<4.0	ND<4.0	
MW-4B	07/06/12	07/06/12	7.31	0.00	4.98	24.56	ND<100	1.4 J	ND<2.0	ND<2.0	ND<4.0		6.1	606	4.5	ND<4.0	ND<4.0	
MW-4B	09/11/12	09/11/12	7.60	0.00	4.69	24.59	ND<100	0.71J	ND<2.0	ND<2.0	ND<4.0		5.4	462	4.1	ND<4.0	ND<4.0	
MW-4C					**Top of casing elevation (ft): 12.18**					**Screen Interval: Unknown**								
MW-4C	07/03/12		6.30	0.00	5.88	29.32												Well Development
MW-4C	07/03/12		6.30	0.00	5.88	29.32												Well Development
MW-4C	07/06/12	07/06/12	5.43	0.00	6.75	34.62	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
MW-4C	07/06/12	07/06/12	5.43	0.00	6.75	34.62	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
MW-4C	09/11/12	09/11/12	4.92	0.00	7.26	34.50	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	
MW-5A					**Top of casing elevation (ft): 13.48**					**Screen Interval: Unknown**								
MW-5A	07/03/12		10.48	0.00	3.00	11.30												Well Development
MW-5A	07/03/12		10.48	0.00	3.00	11.30												Well Development
MW-5A	07/06/12	07/06/12	7.85	0.00	5.63	14.31	42100	2250	6320	1040	6450		ND<100	ND<1000	ND<200	ND<200	ND<200	
MW-5A	07/06/12	07/06/12	7.85	0.00	5.63	14.31	42100	2250	6320	1040	6450		ND<100	ND<1000	ND<200	ND<200	ND<200	
MW-5A	09/11/12	09/11/12	8.32	0.00	5.16	14.32	35000	1720	3640	980	4890		ND<100	ND<1000	ND<200	ND<200	ND<200	
MW-5B					**Top of casing elevation (ft): 13.63**					**Screen Interval: Unknown**								
MW-5B	07/03/12		8.95	0.00	4.68	19.20												Well Development

TABLE 3
HISTORICAL GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
20001 Brookhurst Street, Huntington Beach

WELL	DATE GAUGED	DATE SAMPLED	DEPTH TO GW (feet)	SPH THICKN. (feet)	GW ELEV. (relative to MSL)	WELL DEPTH (feet)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL-BENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE 8020/8021 (ug/L)	MTBE 8260 (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	COMMENTS
MW-5B	07/03/12		8.95	0.00	4.68	19.20												Well Development
MW-5B	07/06/12	07/06/12	8.04	0.00	5.59	24.42	14200	181	1110	609	3040		7.4 J	272	ND<40	ND<40	ND<40	
MW-5B	07/06/12	07/06/12	8.04	0.00	5.59	24.42	14200	181	1110	609	3040		7.4 J	272	ND<40	ND<40	ND<40	
MW-5B	09/11/12	09/11/12	10.32	0.00	3.31	24.43	4720	96.4	6.3J	446	682		6.8J	273	ND<40	ND<40	ND<40	
MW-5C					**Top of casing elevation (ft): 13.72**					**Screen Interval: Unknown**								
MW-5C	07/03/12		7.38	0.00	6.34	26.35												Well Development
MW-5C	07/03/12		7.38	0.00	6.34	26.35												Well Development
MW-5C	07/06/12	07/06/12	7.83	0.00	5.89	32.87	28.3 J	0.21 J	0.72 J	0.52 J	2.7		1.3	5.9 J	ND<2.0	ND<2.0	ND<2.0	
MW-5C	07/06/12	07/06/12	7.83	0.00	5.89	32.87	28.3 J	0.21 J	0.72 J	0.52 J	2.7		1.3	5.9 J	ND<2.0	ND<2.0	ND<2.0	
MW-5C	09/11/12	09/11/12	8.05	0.00	5.67	32.40	ND<50	ND<1.0	0.21J	0.39J	0.75J		1.2	ND<10	ND<2.0	ND<2.0	ND<2.0	
VEW-2					**Top of casing elevation (ft): n/a.**					**Screen Interval: 5 to 20**								
VEW-2	12/03/93		9.76	0.00		19.25	22	1276.8	3877.1	1531.3	4176.3							
VEW-2	02/02/94		9.64	0.00		19.28												
VEW-2	02/12/94		9.37	0.00		19.14												
VEW-2	02/19/94		9.30	0.00		19.15												
VEW-2	02/26/94		9.04	0.00		19.21	36	1557.1	6040.6	1504.8	6190.3							
VEW-2	03/10/94		8.64	0.00		19.32												
VEW-2	04/27/94		8.35	0.00		19.30	43	1732.6	6854.8	1859.7	8924.6							
VEW-2	07/27/94		8.91	0.00		19.85	38	1369	6766.6	1940.3	9372.1							
VEW-2	08/17/94		9.11	0.00		20.01												
VEW-2	12/19/94		9.51	0.00		19.90	98	3652.4	12132.3	4881.7	17202.1							
VEW-2					**Top of casing elevaiton (ft): 11.70**													
VEW-2	02/15/95		7.50	0.00	4.20	20.08	35.7	1259.6	5146.1	1771.3	7595.6							
VEW-2	04/13/95		7.40	0.00	4.30	20.43	4	4596.6	9236.1	3000.6	13419.5							
VEW-2	07/13/95		7.70	0.00	4.00	20.16	53	1796.4	7183.7	2825.4	11877.5							
VEW-2	10/10/95		8.72	0.00	2.98	20.41	44	1256.9	4927	2069.8	8510.8							
VEW-2	01/24/96		8.58	0.00	3.12	20.41	32	955.3	3472.6	1139	7196.7							
VEW-2	04/22/96		7.45	0.00	4.25	20.59	51	1400	5600	2400	10000	150						
VEW-2	07/25/96		7.37	0.00	4.33	20.40	44	870	3000	2000	7300	80						
VEW-2	02/17/97		7.25	0.00	4.45	20.53	17	500	700	180	2300	130						
VEW-2	05/15/97		7.58	0.00	4.12	20.59	34	1100	1300	2000	6800	ND						
VEW-2					**Top of casing elevation (ft): 11.33**													
VEW-2	09/11/97																	ORC sock in well
VEW-2	12/05/97																	ORC sock in well
VEW-2	02/27/98		6.76	0.00	4.57	20.58	17	520	690	1000	3100	80						
VEW-2	04/08/98		6.74	0.00	4.59	20.59	19	580	790	1200	3400	70						
VEW-2	08/17/98		8.18	0.00	3.15	20.60	19	9600	7100	15000	45000	ND						
VEW-2	10/20/98		8.69	0.00	2.64	20 61	11000	1100	360	780	2300	ND						
VEW-2	01/08/99		8.79	0.00	2.54	10.96	18000	230	150	530	1200	91						ORC sock in well
VEW-2	04/01/99		8.81	0.00	2.52	11.00	15000	780	330	1700	2400	210						
VEW-2					**Top of casing elevation (ft): 13.39**													
VEW-2	07/02/99		8.30	0.00	5.09	10.88	9700	570	200	1400	1700	77						No purge sample
VEW-2	10/22/99		9.58	0.00	3.81		12000	610	170	1300	1500	ND<50						ORC sock in well
VEW-2	02/03/00		9.60	0.00	3.79	10.80	10000	500	110	1000	1200	66						No purge sample
VEW-2	04/25/00		8.51	0.00	4.88	10.47	13000	570	110	1200	1300	ND<50						
VEW-2	07/24/00		9.24	0.00	4.15	10.90	9000	430	72	910	740	77						
VEW-2	10/24/00		9.18	0.00	4.21	10.85	12000	650	87	1300	910	740						ORC stuck in well
VEW-2	11/28/00		9.44	0.00	3.95	10.90							22	ND<500	56	ND<20	ND<20	ORC stuck in well
VEW-2	02/09/01		8.81	0.00	4.58	9.96	13000	920	130	1900	1820		99	ND<500	51	ND<20	ND<20	
VEW-2	03/06/01		7.03	0.00	6.36	10.91												ORC sock stuck in well
VEW-2	06/29/01		7.79	0.00	5.60	10.93	16000	770	130	1900	1870		650	1000	50	ND<20	ND<20	
VEW-2	09/07/01		7.72	0.00	5.67	10.58	8800	340	41	730	440		550	1400	29	ND<10	ND<10	
VEW-2	12/10/01		8.88	0.00	4.51	10.58	11000	350	130	1000	1010		310	380 J	24	ND<10	ND<10	
VEW-2	02/06/02		9.34	0.00	4.05	10.58	12000	390	150	880	900		250	280	20	ND<10	ND<10	
VEW-2	05/16/02		8.80	0.00	4.59	10.25	7900	810	500	100	1040		1700	64000	42	ND<10	ND<10	Sampled from port

TABLE 3
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SHELL-BRANDED SERVICE STATION
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WELL	DATE GAUGED	DATE SAMPLED	DEPTH TO GW (feet)	SPH THICKN. (feet)	GW ELEV. (relative to MSL)	WELL DEPTH (feet)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL-BENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE 8020/8021 (ug/L)	MTBE 8260 (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	COMMENTS
VEW-2	08/02/02		8.50	0.00	4.89	10.25	5200	330	33	560	540		150	100	20	ND<10	ND<10	
VEW-2	11/07/02		8.76	0.00	4.63	10.65	5200	350	32	670	424		160	ND<200	ND<40	ND<40	ND<40	
VEW-2	02/04/03		8.54	0.00	4.85	10.65	6000	290	29	700	370		130	140	ND<20	ND<20	ND<20	
VEW-2	05/07/03		7.26	0.00	6.13	10.65	5500	320	39	880	526		170	290	11	ND<10	ND<10	
VEW-2	08/08/03		9.10	0.00	4.29	10.65	4300	93	24	510	237		110	300	ND<20	ND<20	ND<20	
VEW-2	11/07/03		8.54	0.00	4.85	10.80	3600	86	12	280	97		100	180	ND<10	ND<10	ND<10	
VEW-2	02/06/04		8.58	0.00	4.81	10.85	4500	160	11	300	108		130	210	7.9	ND<4.0	ND<4.0	
VEW-2	05/04/04		7.60	0.00	5.79	10.71	3700	180	7.3	350	70		150	360	10	ND<4.0	ND<4.0	
VEW-2	08/05/04		7.63	0.00	5.76	10.75	5100	210	8.6	440	80.5		190	490	9.8	ND<4.0	ND<4.0	
VEW-2	11/18/04		7.15	0.00	6.24	10.85	4000	150	5.3	230	12		120	410	ND<10	ND<10	ND<10	
VEW-2	02/04/05		6.14	0.00	7.25	10.81	3300	140	4.0	140	8.8		110	350	8.0	ND<4.0	ND<4.0	
VEW-2	05/12/05		6.15	0.00	7.24	10.85	2600	130	3.5	110	5.2		91	480	7.5	ND<2.0	ND<2.0	
VEW-2	08/05/05		6.80	0.00	6.59	10.58	3000	120	4.4	110	6.6		85	310	6.4	ND<2.0	ND<2.0	
VEW-2	11/23/05		6.94	0.00	6.45	10.64	2100	110	3.0	34	ND<4.0		100	270	9.2	ND<5.0	ND<5.0	
VEW-2	02/09/06		7.23	0.00	6.16	10.59	5950	121	3.35	58.2	8.01		96.80	243	8.25	ND<0.50	ND<0.50	
VEW-2	05/09/06		6.34	0.00	7.05	10.88	3700	95	3.2	42	6		78.00	270	8.00	ND<2.0	ND<2.0	
VEW-2	08/24/06		6.79	0.00	6.60	10.46	3700	110	3.5	48	4.5		71	310	6.1	ND<2.0	ND<2.0	
VEW-2	11/17/06		7.23	0.00	6.16	10.92	3800	110	3.9	66	7.2		72	420	5.2	ND<1.0	ND<1.0	
VEW-2	03/02/07		7.35	0.00	6.04	10.83	3900	83	2.8	55	6.4		73	260	6.1	ND<1.0	ND<1.0	
VEW-2	06/05/07		7.13	0.00	6.26	10.83	3800	76	2.7	42	5.5		51	220	4.2	ND<1.0	MD<1.0	
VEW-2	09/10/07		7.65	0.00	5.74	10.43	3600	110	3.7	68	8.4		64	260	5.5	ND<2.0	ND<2.0	
VEW-2	10/29/07		7.48	0.00	5.91	10.42	3300	78	3.9	38	6.9		55	230	4.4	ND<1.0	ND<1.0	
VEW-2	03/25/08		7.34	0.00	6.05	10.40	2900	68	2.7	34	4.3		51	270	3.4	ND<2.0	ND<2.0	
VEW-2	06/23/08		7.10	0.00	6.29	10.49	3400	72	3.3	42	4.7		51	370	3.3	ND<2.0	ND<2.0	
VEW-2	09/02/08	09/03/08	6.97	0.00	6.42	10.83	3200	110	4.8	35	4.8		48	240	4.6	ND<2.0	ND<2.0	
VEW-2	12/11/08	12/11/08	7.60	0.00	5.79	10.84	3100	78	ND<5.0	47	ND<5.0		42	200	ND<10	ND<10	ND<10	
VEW-2	03/04/09	03/04/09	7.30	0.00	6.09	10.85	4000	64	ND<5.0	51	ND<5.0		33	150	ND<10	ND<10	ND<10	
VEW-2	06/02/09	06/02/09	7.75	0.00	5.64	10.80	2900	63	3.8	56	5.2		36	200	ND<4.0	ND<4.0	ND<4.0	
VEW-2	07/28/09	07/28/09	8.21	0.00	5.18	10.91	3700	61	2.2	57	4.1		32	180	ND<4.0	ND<4.0	ND<4.0	
VEW-2	11/06/09		8.34	0.00	5.05	10.47	3600	39	2.0	25	3.3		21	140	ND<4.0	ND<4.0	ND<4.0	
VEW-2	03/03/10		6.36	0.00	7.03	10.50	3000	52	2.6	18	2.8		34	160	ND<4.0	ND<4.0	ND<4.0	
VEW-2	06/01/10		7.46	0.00	5.93	10.48	4600	100	5.6	58	6.7		35	150	4.3	ND<2.0	ND<2.0	
VEW-2	08/31/10		7.08	0.00	6.31	10.94	3700	79	3.3	28	4.8		38	160	4.5	ND<4.0	ND<4.0	
VEW-2	12/01/10		6.54	0.00	6.85	10.82	2400	100	5.2	20	4.6		16	69	2.7	ND<2.0	ND<2.0	
VEW-2	03/02/11	03/02/11	5.75	0.00	7.64	10.50	1480	31.7	ND<5.0	9.7	ND<10		19.9	68.7	3.5 J	ND<25	ND<25	
VEW-2	06/02/11	06/02/11	6.30	0.00	7.09	10.66	2640	217	7.8	45.4	6.8 J		43.3	287	7.7 J	ND<25	ND<25	
VEW-2	09/06/11	09/06/11	7.02	0.00	6.37	10.85	3070	227	10.7	76.1	11.6		43.4	289	5.9 J	ND<25	ND<25	
VEW-2	03/05/12	03/05/12	6.54	0.00	6.85	10.55	3050	102	4.7 J	16.9	4.4 J		36.9	280	6.4 J	ND<10	ND<10	
VEW-2	09/11/12	09/11/12	7.20	0.00	6.19	10.59	1800	24.7	2.5J	5.8	3.1		24.9	203	4.8J	ND<10	ND<10	
VEW-3					**Top of casing elevation (ft): n/a.**						**Screen Interval: 4 to 9**							
VEW-3	12/03/93					8.79												Well dry
VEW-3	02/02/94		8.60	0.00		8.82												
VEW-3	02/12/94		10.65	0.00		8.79												
VEW-3	02/19/94		8.80	0.00		8.78												
VEW-3	02/26/94		8.83	0.00		8.83												
VEW-3	03/10/94		8.80	0.00		8.80												
VEW-3	04/27/94					8.80												Well dry
VEW-3	07/27/94					8.78												Well dry
VEW-3	08/17/94					8.82												Well dry
VEW-3	12/19/94					8.81												Well dry
VEW-3	02/15/95		7.95	0.00		8.82												Insufficient water column
VEW-3	04/13/95		7.82	0.00		8.80	29300	2091.9	959.9	1188.2	7762.3							
VEW-3	07/13/95																	Well covered with asphalt
VEW-3	04/22/96																	Well covered with asphalt
VEW-3	07/25/96																	Well covered with asphalt

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VEW-3	05/15/97																	Well covered with asphalt
VEW-3	09/11/97																	Well covered with asphalt
VEW-3	12/05/97																	Well covered with asphalt
VEW-3	02/27/98																	Well covered with asphalt
VEW-3	04/08/98																	Well covered with asphalt
VEW-3	08/17/98																	Well covered with asphalt
VEW-3	10/20/98																	Well covered with asphalt
VEW-3	01/08/99																	Well covered with asphalt
VEW-3	04/01/99																	Well covered with asphalt
VEW-3	07/02/99																	Well destroyed
VEW-4					**Top of casing elevation (ft): n/a.**					**Screen Interval: 7 to 22**								
VEW-4	12/03/93		11.07	0.00		21.38	22000	4400	2837.1	1233.1	2791.5							
VEW-4	02/02/94		10.94	0.00		21.27												
VEW-4	02/12/94		10.74	0.00		20.72												
VEW-4	02/19/94		10.39	0.00		21.35												
VEW-4	02/26/94		10.34	0.00		21.40	7100	1404.6	310.3	512.7	893							
VEW-4	03/10/94		9.95	0.00		21.40												
VEW-4	04/27/94		9.67	0.00		21.37	12700	2347	1277.1	712.8	1501							
VEW-4	07/27/94		10.18	0.00		21.35	21300	3631.1	2495.8	1384.9	3254.2							
VEW-4	08/17/94		10.39	0.00		21.40												
VEW-4	12/19/94		10.78	0.00		21.42	37800	6742.2	2170.3	2494.3	5249.6							
VEW-4					**Top of casing elevation (ft): 12.75**													
VEW-4	02/15/95		8.78	0.00	3.97	21.42	28000	3843	2829.1	1087.4	2898.5							
VEW-4	04/13/95		8.66	0.00	4.09	21.39	34800	16146.3	7298.8	2180	7044.3							
VEW-4	07/13/95		8.83	0.00	3.92	20.84	25800	3803	1782.1	1674.3	2885.1							
VEW-4	10/10/95		9.87	0.00	2.88	20.84	23300	3766.8	866.7	1482.3	2181							
VEW-4	01/24/96		9.68	0.00	3.07	20.80	16400	2569.1	774	1012.9	1663.3							
VEW-4	04/22/96		8.50	0.00	4.25	20.89	9800	1500	600	410	1020	100						
VEW-4	07/25/96		7.97	0.00	4.78	20.83	800	110	10	2.6	18	20						
VEW-4	02/17/97		8.30	0.00	4.45	20.79	9400	690	390	330	700	440						
VEW-4	05/15/97		9.11	0.00	3.64	20.85	13000	1500	630	380	1300	300						
VEW-4					**Top of casing elevation (ft): 12.20**													
VEW-4	09/11/97		10.25	0.00	1.95	20.86	5700	27	8.7	84	750	200	220					
VEW-4	12/05/97		10.70	0.00	1.50	20.84	6600	840	280	190	590	180						
VEW-4	02/27/98		7.70	0.00	4.50	20.82	11000	1600	740	340	1300	200						
VEW-4	04/08/98		7.98	0.00	4.22	20.84	14000	1700	760	560	1800	200						
VEW-4	08/17/98		9.33	0.00	2.87	20.80	8200	7200	250	ND	14000	160						
VEW-4	10/20/98		9.89	0.00	2.31	20.85	30000	4200	1500	1400	4600	170						
VEW-4	01/08/99		9.92	0.00	2.28	20.80	11000	990	590	700	6400	120						
VEW-4	04/01/99		9.72	0.00	2.48	20.83	10000	1400	240	590	720	270						
VEW-4					**Top of casing elevation (ft): 14.35**													
VEW-4	07/02/99		9.58	0.00	4.77	20.81	5400	1600	130	380	560	120						No purge sample
VEW-4	10/22/99		10.51	0.00	3.84	20.85	38000	4400	1400	1800	6300	300						No purge sample
VEW-4	02/03/00		10.57	0.00	3.78	20.67	4600	970	48	140	240	75						No purge sample
VEW-4	04/25/00		9.51	0.00	4.84	20.37	5600	820	140	190	640	84						
VEW-4	07/24/00		10.10	0.00	4.25	20.85	4000	510	130	170	620	95						
VEW-4	10/24/00		10.50	0.00	3.85	20.77	18000	2200	410	860	2800	140						
VEW-4	11/28/00		10.52	0.00	3.83	20.80							99	ND<500	160	ND<20	ND<20	
VEW-4	02/09/01		9.67	0.00	4.68	20.87	6700	1000	120	260	1010		140	ND<1000	89	ND<40	ND<40	
VEW-4	03/06/01		8.24	0.00	6.11	20.81												
VEW-4	06/29/01		9.15	0.00	5.20	20.83	5200	590	80	220	810		280	ND<1000	93	ND<40	ND<40	
VEW-4	09/07/01		8.71	0.00	5.64	19.89	1400	130	54	36	104		400	590	89	ND<10	ND<10	
VEW-4	12/10/01		9.90	0.00	4.45	19.89	800	49	ND<1	8	6		420	920	39	ND<10	ND<10	
VEW-4	02/06/02		11.13	0.00	3.22	20.02	710	28	ND<1.0	2	ND<1.0		140	1600	28	ND<10	ND<10	
VEW-4	05/16/02		10.71	0.00	3.64	19.88	12000	940	440	110	680		830	21000	63	ND<10	ND<10	Sampled from port
VEW-4	08/02/02		9.47	0.00	4.88	19.88	400	27	5	5	15		23	1000	40	ND<10	ND<10	

TABLE 3
HISTORICAL GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
20001 Brookhurst Street, Huntington Beach

WELL	DATE GAUGED	DATE SAMPLED	DEPTH TO GW (feet)	SPH THICKN. (feet)	GW ELEV. (relative to MSL)	WELL DEPTH (feet)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL-BENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE 8020/8021 (ug/L)	MTBE 8260 (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	COMMENTS
VEW-4	11/07/02		9.76	0.00	4.59	19.94	1100	290	6.1	16	46		21	1500	40	ND<2.0	ND<2.0	
VEW-4	02/04/03		10.15	0.00	4.20	19.94	1900	230	16	98	240		18	1700	25	ND<4.0	ND<4.0	
VEW-4	05/07/03		8.20	0.00	6.15	19.94	740	100	2.7	21	67		24	860	24	ND<4.0	ND<4.0	
VEW-4	08/08/03		11.86	0.00	2.49	19.94	120	22	ND<1.0	ND<1.0	ND<1.0		12	160	4.5	ND<2.0	ND<2.0	
VEW-4	11/07/03		9.50	0.00	4.85	19.90	860	120	2.7	25	10.4		11	72	15	ND<2.0	ND<2.0	
VEW-4	02/06/04		9.53	0.00	4.82	19.89	320	3.6	ND<1.0	ND<1.0	ND<1.0		11	400	7.4	ND<2.0	ND<2.0	
VEW-4	05/04/04		8.61	0.00	5.74	19.61	590	72	2.2	46	45.3		9.4	360	14	ND<2.0	ND<2.0	
VEW-4	08/05/04		8.74	0.00	5.61	19.86	650	73	2.2	45	39.1		9.1	370	11	ND<2.0	ND<2.0	
VEW-4	11/18/04		8.11	0.00	6.24	19.91	660	74	1.9	70	59.7		6.9	270	9.5	ND<2.0	ND<2.0	
VEW-4	02/04/05		7.20	0.00	7.15	19.84	830	62	1.1	45	35.7		13	170	8.0	ND<2.0	ND<2.0	
VEW-4	05/12/05		7.29	0.00	7.06	19.83	610	91	1	71	37.6		17	280	10.0	ND<2.0	ND<2.0	
VEW-4	08/05/05		7.97	0.00	6.38	19.82	1100	83	1.4	91	42.5		11	300	11	ND<2.0	ND<2.0	
VEW-4	11/23/05		7.83	0.00	6.52	19.91	560	50	ND<2.0	50	7.2		10	300	12	ND<5.0	ND<5.0	
VEW-4	02/09/06		7.59	0.00	6.76	19.91	754	36.80	ND<0.50	39.3	2.5		8.77	224	9.76	ND<0.50	ND<0.50	
VEW-4	05/09/06		7.36	0.00	6.99	19.89	600	39.0	0.51	34	3.9		7.40	290	8.60	ND<1.0	ND<1.0	
VEW-4	08/24/06		7.80	0.00	6.55	19.88	1700	120	2.2	62	4.0		9.4	260	11	ND<2.0	ND<2.0	
VEW-4	11/17/06		8.40	0.00	5.95	19.90	1100	73	1.5	67	3.5		9.6	280	9.2	ND<1.0	ND<1.0	
VEW-4	03/02/07		8.53	0.00	5.82	19.85	880	66	1.6	35	2.0		9.7	220	9.4	ND<1.0	ND<1.0	
VEW-4	06/05/07		8.39	0.00	5.96	19.71	950	72	1.8	56	3.2		7.3	240	7.2	ND<1.0	ND<1.0	
VEW-4	09/10/07		8.91	0.00	5.44	19.84	500	40	1.0	32	1.6		8.0	200	8.9	ND<1.0	ND<1.0	
VEW-4	10/29/07		8.45	0.00	5.90	19.88	160	5.4	ND<0.50	2.9	ND<1.0		6.3	140	6.2	ND<1.0	ND<1.0	
VEW-4	03/25/08		8.97	0.00	5.38	19.90	540	15	ND<1.0	3.4	ND<1.0		2.8	170	5.4	ND<2.0	ND<2.0	
VEW-4	06/23/08		8.32	0.00	6.03	19.83	1100	50	1.1	77	1.8		7.6	200	7.2	ND<2.0	ND<2.0	
VEW-4	09/02/08	09/03/08	7.84	0.00	6.51	19.84	560	34	ND<1.0	35	1.0		5.3	150	7.3	ND<2.0	ND<2.0	
VEW-4	12/11/08	12/11/08	8.76	0.00	5.59	19.76	380	21.0	ND<1.0	19	ND<1.0		5.2	130	7.2	ND<2.0	ND<2.0	
VEW-4	03/04/09	03/04/09	8.44	0.00	5.91	19.87	660	25	ND<1.0	27	ND<1.0		5.0	140	6.3	ND<2.0	ND<2.0	
VEW-4	06/02/09	06/02/09	9.06	0.00	5.29	19.90	610	28	ND<1.0	28	1.2		5.2	130	8.1	ND<2.0	ND<2.0	
VEW-4	07/28/09	07/28/09	9.51	0.00	4.84	19.85	440	21	ND<1.0	18	ND<1.0		5.2	110	6.3	ND<2.0	ND<2.0	
VEW-4	11/06/09		9.53	0.00	4.82	19.91	440	14	ND<1.0	11	ND<1.0		5.1	120	5.7	ND<2.0	ND<2.0	
VEW-4	03/03/10		7.25	0.00	7.10	19.90	310	9.6	ND<1.0	14	ND<1.0		4.0	100	5.3	ND<2.0	ND<2.0	
VEW-4	06/01/10		8.69	0.00	5.66	19.86	770	27	ND<1.0	40	1.2		5.3	95	6.3	ND<2.0	ND<2.0	
VEW-4	08/31/10		7.96	0.00	6.39	19.91	200	9.7	ND<1.0	5.3	ND<1.0		3.4	62	5.1	ND<2.0	ND<2.0	
VEW-4	12/01/10		7.49	0.00	6.86	19.81	150	5.8	ND<1.0	4.3	ND<1.0		2.0	65	3.6	ND<2.0	ND<2.0	
VEW-4	03/02/11	03/02/11	6.58	0.00	7.77	19.97	114	3.8	ND<1.0	7.8	ND<2.0		1.9	14.9	7.6	ND<5.0	ND<5.0	
VEW-4	06/02/11	06/02/11	7.15	0.00	7.20	20.00	280	5.7	ND<1.0	5.8	ND<2.0		2.4	34.1	4.8 J	ND<5.0	ND<5.0	
VEW-4	09/06/11	09/06/11	7.83	0.00	6.52	20.00	497	22.5	0.77 J	4.8	0.83 J		ND<1.0	66	3.6 J	ND<5.0	ND<5.0	
VEW-4	03/05/12	03/05/12	7.42	0.00	6.93	20.05	109	2	ND<1.0	0.52 J	ND<2.0		2.4	64.2	3.4	ND<2.0	ND<2.0	
VEW-4	09/11/12	09/11/12	8.06	0.00	6.29	19.97	46.3J	1.1	ND<1.0	ND<1.0	ND<2.0		4.1	33.4	2.3	ND<2.0	ND<2.0	
VEW-5					**Top of casing elevation (ft): n/a.**					**Screen Interval: 7 to 22**								
VEW-5	12/03/93		11.09	0.00		21.72	26900	4385.1	4209.6	949.4	4135.9							
VEW-5	02/02/94		10.96	0.00		21.82												
VEW-5	02/12/94		10.26	0.00		21.78												
VEW-5	02/19/94		10.43	0.00		21.75												
VEW-5	02/26/94		10.23	0.00		21.80	18400	3412.1	2914.9	637.3	3296.4							
VEW-5	03/10/94		10.00	0.00		21.79												
VEW-5	04/27/94		9.70	0.00		21.90	34800	6061.8	4306.2	1306.2	5384.9							
VEW-5	07/27/94		10.19	0.00		21.78	45700	7487.1	7761.5	1597.5	8153.9							
VEW-5	08/17/94		10.41	0.00		21.97												
VEW-5	12/19/94		10.85	0.00		21.98	9700	2088	1005.5	393.6	1193.8							
VEW-5					**Top of casing elevation (ft): 12.56**													
VEW-5	02/15/95		8.76	0.00	3.80	21.99	29800	5165.5	2898	1025.7	3429.4							
VEW-5	04/13/95		8.58	0.00	3.98	21.96	55500	20872.2	5356.8	1895.1	6102.8							
VEW-5	07/13/95		8.71	0.00	3.85	21.29	34900	6096.9	3637.6	1225.6	4229.7							
VEW-5	10/10/95		9.72	0.00	2.84	21.27	43800	7987.5	3648.8	1416.4	4559.3							
VEW-5	01/24/96		9.56	0.00	3.00	21.24	26900	4373.8	2323.2	804	4190.1							
VEW-5	04/22/96		8.39	0.00	4.17	21.25	29000	6200	2100	1100	3000	ND						

TABLE 3
HISTORICAL GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
20001 Brookhurst Street, Huntington Beach

WELL	DATE GAUGED	DATE SAMPLED	DEPTH TO GW (feet)	SPH THICKN. (feet)	GW ELEV. (relative to MSL)	WELL DEPTH (feet)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL-BENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE 8020/8021 (ug/L)	MTBE 8260 (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	COMMENTS
VEW-5	07/25/96		7.84	0.00	4.72	21.24	29000	6200	2100	1100	3000	ND						
VEW-5	02/17/97		8.13	0.00	4.43	21.24	18000	1200	370	290	1300	560						
VEW-5	05/15/97		9.00	0.00	3.56	21.30	9300	2200	140	380	600	300						
VEW-5					**Top of casing elevation (ft): 11.88**													
VEW-5	09/11/97																	ORC sock in well
VEW-5	12/05/97																	ORC sock in well
VEW-5	02/27/98		7.65	0.00	4.23	21.26	19000	3400	240	720	2300	690						
VEW-5	04/08/98		10.35	0.00	1.53	21.27	14000	2300	140	770	2000	1000						
VEW-5	08/17/98		9.21	0.00	2.67	21.25	13000	27000	930	6200	9900	4100						
VEW-5	10/20/98		9.75	0.00	2.13	21.25	8300	2200	76	580	1100	3000						
VEW-5	01/08/99		9.81	0.00	2.07	21.23	8100	2300	89	740	1600	2500						ORC sock in well
VEW-5	04/01/99		10.37	0.00	1.51	21.26	4000	630	57	250	220	15000						
VEW-5					**Top of casing elevation (ft): 14.04**													
VEW-5	07/02/99		9.45	0.00	4.59	21.23	10000	2400	73	1000	670	1200						No purge sample
VEW-5	10/22/99		10.34	0.00	3.70	21.31	4600	310	7.4	110	110	3200						No purge sample
VEW-5	02/03/00		13.25	0.00	0.79	21.10	6900	850	10	220	67	13000						No purge sample
VEW-5	04/25/00		9.13	0.00	4.91	20.82	15000	1100	27	440	280	15000						
VEW-5	07/24/00		13.24	0.00	0.80	21.30	18000	1400	29	540	320	16000						
VEW-5	10/24/00		10.36	0.00	3.68	21.18	14000	560	8.9	150	42	14000						
VEW-5	02/09/01		11.88	0.00	2.16	21.25	14000	1300	ND<200	360	ND<400		8800	180000	ND<400	ND<400	ND<400	
VEW-5	03/06/01		7.88	0.00	6.16	21.26												
VEW-5	06/29/01		8.83	0.00	5.21	21.27	12000	2000	ND<250	320	ND<500		4000	100000	ND<500	ND<500	ND<500	
VEW-5	09/07/01		8.90	0.00	5.14	20.75	6600	1200	30	130	90		900	40000	240 J	ND<10	ND<10	
VEW-5	12/10/01		9.98	0.00	4.06	20.75	2000	310	4	70	24		90	11000	110	ND<10	ND<10	
VEW-5	02/06/02		11.55	0.00	2.49	20.25	1500	120	1	9	10		24	3900	53	ND<10	ND<10	
VEW-5	05/16/02		11.13	0.00	2.91	20.67	8600	470	230	86	570		640	26000	51	ND<10	ND<10	Sampled from port
VEW-5	08/02/02		9.61	0.00	4.43	20.67	1000	180	2	49	41		55	730	130	ND<10	ND<10	
VEW-5	11/07/02		9.95	0.00	4.09	20.75	2900	780	ND<10	92	18		61	2100	140	ND<20	ND<20	
VEW-5	02/04/03		10.87	0.00	3.17	20.73	650	130	ND<10	ND<10	ND<10		25	24000	29	ND<20	ND<20	
VEW-5	05/07/03		8.31	0.00	5.73	20.75	1200	110	2.9	200	61		21	370	80	ND<4.0	ND<4.0	
VEW-5	08/08/03		12.53	0.00	1.51	20.75	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		1.2	40	3.7	ND<2.0	ND<2.0	
VEW-5	11/07/03		9.66	0.00	4.38	20.70	210	1.7	ND<1.0	7.3	ND<1.0		5.2	38	23	ND<2.0	ND<2.0	
VEW-5	02/06/04		9.68	0.00	4.36	20.70	150	0.90	ND<1.0	7.3	ND<1.0		1.5	39	5.4	ND<2.0	ND<2.0	
VEW-5	05/04/04		8.88	0.00	5.16	20.70	980	100	ND<1.0	70	ND<1.0		4.2	32	23	ND<2.0	ND<2.0	
VEW-5	08/05/04		7.52	0.00	6.52	20.67	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0		4.5	ND<10	ND<2.0	ND<2.0	ND<2.0	
VEW-5	11/18/04		8.25	0.00	5.79	20.60	380	73	ND<1.0	13	ND<1.0		3.6	92	14	ND<2.0	ND<2.0	
VEW-5	02/04/05		7.45	0.00	6.59	20.63	990	110	ND<1.0	14	1.1		3.2	70	19	ND<2.0	ND<2.0	
VEW-5	05/12/05		7.54	0.00	6.50	20.62	1800	350	3.1	58	ND<1.0		6.2	120	37	ND<2.0	ND<2.0	
VEW-5	08/05/05		8.17	0.00	5.87	20.67	2000	200	3	65	4.3		2.9	130	23	ND<4.0	ND<4.0	
VEW-5	11/23/05		8.04	0.00	6.00	20.70	290	21	ND<2.0	ND<2.0	ND<4.0		ND<5.0	210	12.0	ND<5.0	ND<5.0	
VEW-5	02/09/06		7.77	0.00	6.27	20.65	124	3.33	ND<0.50	0.6	ND<0.50		1.51	251	9.00	ND<0.50	ND<0.50	
VEW-5	05/09/06		7.66	0.00	6.38	20.60	350	11.0	ND<0.50	1.4	ND<1.0		1.20	120	6.60	ND<1.0	ND<1.0	
VEW-5	08/24/06		8.00	0.00	6.04	20.49	2300	330	3.6	18	3.9		4.7	160	21	ND<4.0	ND<4.0	
VEW-5	11/17/06		8.63	0.00	5.41	20.70	2500	280	4.3	40	5.9		6.1	210	20	ND<1.0	ND<1.0	
VEW-5	03/02/07		8.78	0.00	5.26	26.10	1400	95	ND<2.5	16	ND<5.0		ND<5.0	140	10	ND<5.0	ND<5.0	
VEW-5	06/05/07		8.62	0.00	5.42	20.50	2000	250	3.9	18	5.7		5.3	210	16	ND<1.0	ND<1.0	
VEW-5	09/10/07		9.31	0.00	4.73	20.64	1100	110	1.0	23	ND<2.0		7.3	63	33	ND<2.0	ND<2.0	
VEW-5	10/29/07		10.23	0.00	3.81	20.68	920	76	0.93	6.1	1.2		6.6	61	30	ND<1.0	ND<1.0	
VEW-5	03/25/08		8.71	0.00	5.33	20.67	580	50	ND<1.0	4.0	ND<1.0		ND<1.0	28	27	ND<2.0	ND<2.0	
VEW-5	06/23/08		8.43	0.00	5.61	20.65	1500	94	1.2	14	1.3		5.8	40	31	ND<2.0	ND<2.0	
VEW-5	09/02/08	09/03/08	7.93	0.00	6.11	20.62	1100	55	ND<1.0	13	ND<1.0		2.7	23	16	ND<2.0	ND<2.0	
VEW-5	12/11/08	12/11/08	8.94	0.00	5.10	20.77	1900	120	1.4	9.1	1.1		2.5	70	13.0	ND<2.0	ND<2.0	
VEW-5	03/04/09	03/04/09	8.71	0.00	5.33	20.63	1800	61	1.1	10	1.3		4.1	64	24.0	ND<2.0	ND<2.0	
VEW-5	06/02/09	06/02/09	9.29	0.00	4.75	20.68	870	34	ND<1.0	4	ND<1.0		4.6	30	31.0	ND<2.0	ND<2.0	
VEW-5	07/28/09	07/28/09	9.77	0.00	4.27	20.64	480	8.4	ND<1.0	2.6	ND<1.0		4.6	11	14	ND<2.0	ND<2.0	
VEW-5	11/06/09		9.53	0.00	4.51	20.75	460	20	ND<1.0	1.8	ND<1.0		3.4	22	20	ND<2.0	ND<2.0	

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20001 Brookhurst Street, Huntington Beach

WELL	DATE GAUGED	DATE SAMPLED	DEPTH TO GW (feet)	SPH THICKN. (feet)	GW ELEV. (relative to MSL)	WELL DEPTH (feet)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL-BENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE 8020/8021 (ug/L)	MTBE 8260 (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	COMMENTS
VEW-5	03/03/10		7.37	0.00	6.67	20.56	840	39	ND<1.0	3.1	ND<1.0		3.8	37	26	ND<2.0	ND<2.0	
VEW-5	06/01/10		8.89	0.00	5.15	20.64	460	3.6	ND<1.0	1.9	ND<1.0		3.3	ND<10	11	ND<2.0	ND<2.0	
VEW-5	08/31/10		8.02	0.00	6.02	20.70	98	ND<0.50	ND<1.0	ND<1.0	ND<1.0		2.1	ND<10	9.4	ND<2.0	ND<2.0	
VEW-5	12/01/10		7.64	0.00	6.40	20.87	420	23	ND<1.0	3.2	ND<1.0		1.3	38	5.8	ND<2.0	ND<2.0	
VEW-5	03/02/11	03/02/11	6.63	0.00	7.41	20.75	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		ND<1.0	ND<10	1.8 J	ND<5.0	ND<5.0	
VEW-5	06/02/11	06/02/11	7.22	0.00	6.82	20.76	160	ND<1.0	ND<1.0	1.1	ND<2.0		ND<1.0	ND<10	3.6 J	ND<5.0	ND<5.0	
VEW-5	09/06/11	09/06/11	7.84	0.00	6.20	20.74	443	5.1	0.61 J	6.1	ND<2.0		ND<1.0	36.6	3.1 J	ND<5.0	ND<5.0	
VEW-5	03/05/12	03/05/12	7.56	0.00	6.48	20.80	70.1	0.30 J	ND<1.0	0.28 J	ND<2.0		0.98 J	23.5	2.3	ND<2.0	ND<2.0	
VEW-5	09/11/12	09/11/12	8.22	0.00	5.82	20.73	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0		1.8	28.4	2.6	ND<2.0	ND<2.0	
VEW-6					**Top of casing elevation (ft): n/a.**					**Screen Interval: 5 to 20**								
VEW-6	12/03/93		10.60	0.06		25.04												
VEW-6	02/02/94		10.48	0.02		20.58												
VEW-6	02/12/94		8.60	0.00		19.00												
VEW-6	02/19/94		9.95	0.00		19.58												
VEW-6	02/26/94		9.69	0.00		19.62	68700	11975.9	15959.1	1511.8	15368.7							
VEW-6	03/10/94		9.55	0.00		19.61												
VEW-6	04/27/94		9.16	0.00		19.50	61900	8638.1	11752.6	1230.6	9121.4							
VEW-6	07/27/94		9.71	0.00		19.79	56200	10008.9	13574.6	1181.1	6279.5							
VEW-6	08/17/94		9.91	0.00		20.10												
VEW-6	12/19/94		10.32	0.04		20.93												
VEW-6					**Top of casing elevation (ft): 11.96**													
VEW-6	02/15/95		8.30	0.00	3.66	20.02	105700	15927.5	23083.6	2306.4	13971.4							
VEW-6	04/13/95		8.09	0.00	3.87	20.40	89400	39844.6	30168.4	2749.1	15303.2							
VEW-6	07/13/95		8.53	0.00	3.43	20.53	98300	13965.5	21215	2009.6	10572.5							
VEW-6	10/10/95		9.70	0.02	2.28	20.69												
VEW-6	01/24/96		9.41	0.00	2.55	20.31	118000	14102.5	26643.8	2108.6	18050.9							
VEW-6	04/22/96		8.29	0.00	3.67	20.98												
VEW-6	07/25/96		8.29	0.00	3.67	20.91	220000	12000	18000	1900	18000	720						
VEW-6	02/17/97		8.00	0.00	3.96	21.06	130000	16000	20000	1500	9400	13000						
VEW-6	05/15/97		8.85	0.00	3.11	21.11	150000	15000	18000	1800	10000	4400	4.7					
VEW-6					**Top of casing elevation (ft): 11.60**													
VEW-6	09/11/97																	ORC sock in well
VEW-6	12/05/97																	ORC sock in well
VEW-6	02/27/98		7.28	0.00	4.32	21.08	110000	14000	21000	1200	11000	3000	3.6					
VEW-6	04/08/98		7.52	0.00	4.08	21.05	120000	16000	26000	1900	12000	4000						
VEW-6	08/17/98		8.98	0.00	2.62	21.06	110000	120000	200000	15000	92000	5000						
VEW-6	10/20/98		9.49	0.00	2.11	21.06	91000	14000	16000	1500	9600	11000						
VEW-6	01/08/99		10.12	0.00	1.48	21.15	130000	11000	14000	1600	9700	6300	4300					
VEW-6	04/01/99		11.04	0.00	0.56	21.07	86000	14000	15000	2100	14000	26000	13000					
VEW-6					**Top of casing elevation (ft): 13.74**													
VEW-6	07/02/99		9.15	0.00	4.59	21.26	150000	29000	45000	4300	28000	17000	10000					No purge sample
VEW-6	10/22/99		10.00	0.00	3.74	21.07	46000	6100	6400	790	6000	8400						No purge sample
VEW-6	02/03/00		14.10	0.00	-0.36	20.91	23000	2000	1300	250	1500	20000	24000					No purge sample
VEW-6	04/25/00		8.95	0.00	4.79	20.65	84000	9800	14000	1500	7500	25000						
VEW-6	07/24/00		13.63	0.00	0.11	24.06	57000	7000	6000	1100	4300	27000						
VEW-6	10/24/00		10.04	0.00	3.70	21.00	63000	5200	6300	920	4800	34000	24000					
VEW-6	11/28/00		10.02	0.00	3.72	21.05							28000	53000	ND<500	ND<500	ND<500	
VEW-6	02/09/01		9.13	0.00	4.61	21.08	100000	10000	14000	1600	6900		61000	150000	ND<1000	ND<1000	ND<1000	
VEW-6	03/06/01		7.64	0.00	6.10	21.12												
VEW-6	06/29/01		8.58	0.00	5.16	21.12	73000	8600	7400	1500	4800		38000	140000	ND<1000	ND<1000	ND<1000	
VEW-6	09/07/01		8.31	0.00	5.43	20.25	46000	4200	1900	620	1550		14000	160000	55	ND<10	10	
VEW-6	12/10/01		9.32	0.00	4.42	20.25	23000	3100	2800	700	2410		3400	120000	24	ND<10	10	
VEW-6	02/06/02		10.94	0.00	2.80	20.40	44000	3800	3100	850	3110		3300	44000	24	ND<10	10	
VEW-6	05/16/02		10.60	0.00	3.14	20.30	10000	920	1300	150	1760		710	18000	28	ND<10	ND<10	Sampled from port

TABLE 3
HISTORICAL GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
20001 Brookhurst Street, Huntington Beach

WELL	DATE GAUGED	DATE SAMPLED	DEPTH TO GW (feet)	SPH THICKN. (feet)	GW ELEV. (relative to MSL)	WELL DEPTH (feet)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL-BENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE 8020/8021 (ug/L)	MTBE 8260 (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	COMMENTS
VEW-6	08/02/02		8.98	0.00	4.76	20.30	17000	2800	1400	500	1500		1400	36000	20	ND<10	10	
VEW-6	11/07/02		9.27	0.00	4.47	20.27	10000	3100	610	470	1380		1300	33000	14	ND<10	13	
VEW-6	02/04/03		10.78	0.00	2.96	20.27	18000	1200	2000	ND<500	1400		520	93000	ND<1000	ND<1000	ND<1000	
VEW-6	05/07/03		7.68	0.00	6.06	20.27	14000	1500	1200	ND<200	890		830	93000	ND<400	ND<400	ND<400	
VEW-6	08/08/03		11.77	0.00	1.97	20.27	8000	890	1600	240	1180		820	35000	ND<200	ND<200	ND<200	
VEW-6	11/07/03		9.03	0.00	4.71	20.30	11000	2100	640	610	990		540	15000	ND<100	ND<100	ND<100	
VEW-6	02/06/04		9.05	0.00	4.69	20.84	4900	1200	470	310	680		260	5100	ND<40	ND<40	ND<40	
VEW-6	05/04/04		8.41	0.00	5.33	20.51	5900	1600	410	380	750		360	6400	ND<20	ND<20	ND<20	
VEW-6	08/05/04		8.53	0.00	5.21	20.84	8200	2000	400	530	760		230	5500	ND<20	ND<20	ND<20	
VEW-6	11/18/04		7.60	0.00	6.14	20.87	5500	1500	660	420	930		82	3100	ND<40	ND<40	ND<40	
VEW-6	02/04/05		6.93	0.00	6.81	20.80	6400	1100	1300	330	770		32	1200	ND<20	ND<20	ND<20	
VEW-6	05/12/05		7.07	0.00	6.67	20.82	7000	1500	860	630	980		70	2700	ND<20	ND<20	ND<20	
VEW-6	08/05/05		7.82	0.00	5.92	20.79	8000	1500	770	610	1020		41	1300	ND<20	ND<20	ND<20	
VEW-6	11/23/05		7.34	0.00	6.40	20.89	2500	680	200	300	350		ND<50	940	ND<50	ND<50	ND<50	
VEW-6	02/09/06																	Well abandoned

Notes:
1. ND - Not detected
2. TBA - Tertiary-butyl alcohol
3. DIPE - Diisopropyl ether
4. ETBE - Ethyl tertiary-butyl ether
5. TAME - Tertiary-amyl methyl ether
6. TPH-G - analyzed by testing method 8015M, TPPH 8260B, or TPH-Gro 8260B with a carbon range of C6-C10
7. J - Estimated value between MDL and PQL
8. Unless noted, gauging date and sampling date are the same.

FIGURES

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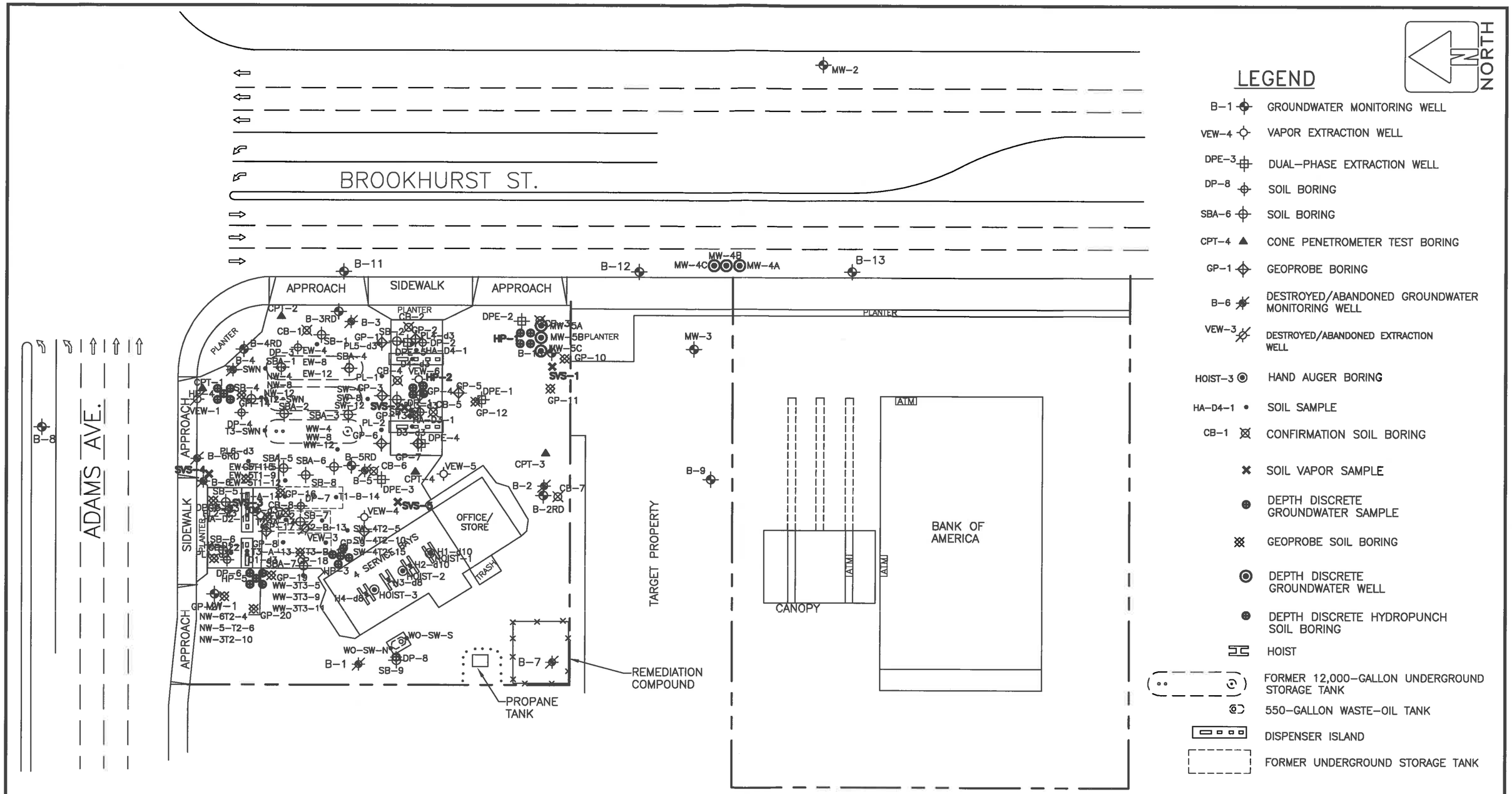
NOT TO SCALE

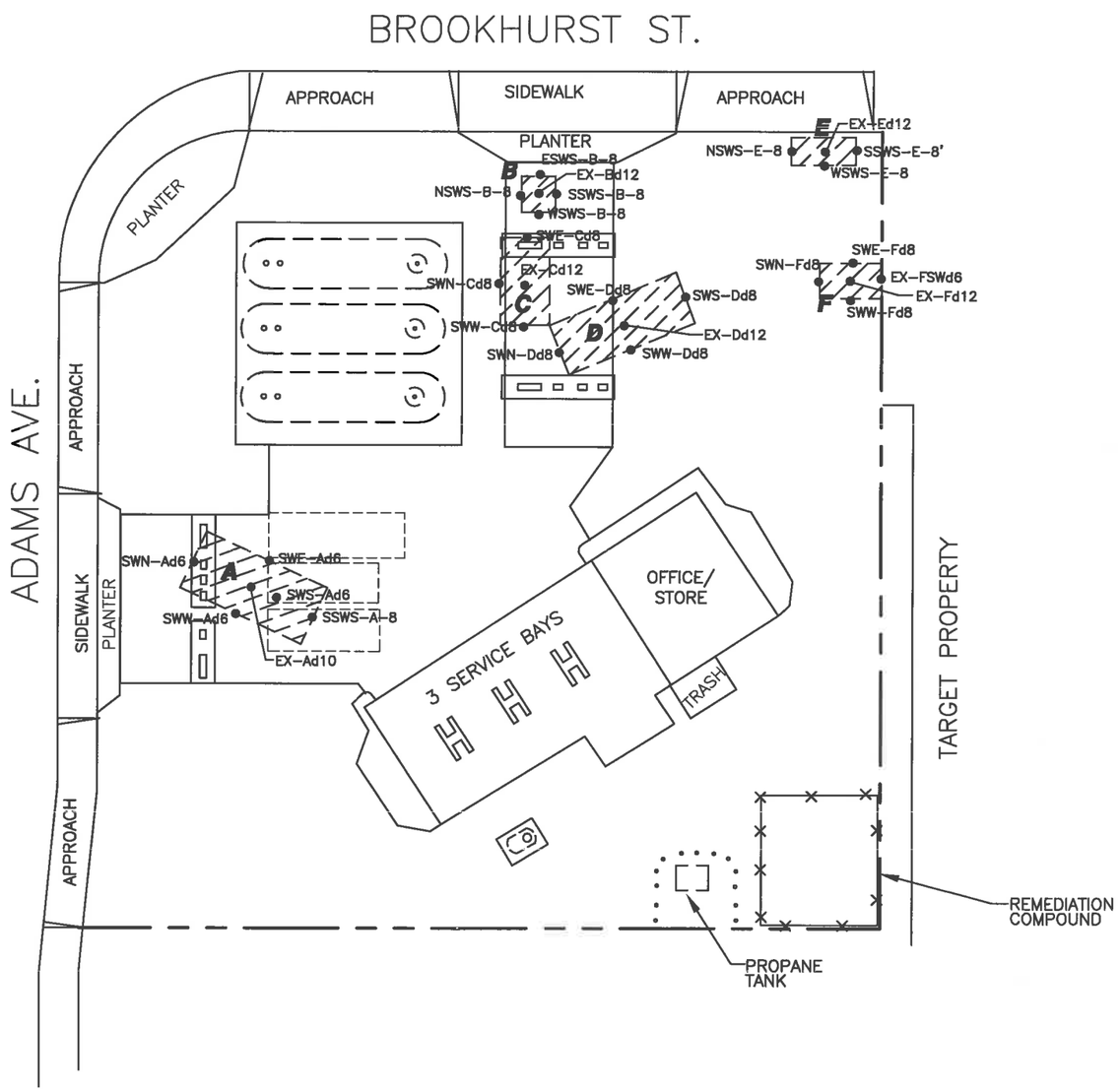
NORTH

WaynePerry SINCE 1988	DATE	SITE LOCATION MAP	FIGURE NO. 1
	REVISED	SHELL–BRANDED SERVICE STATION 20001 BROOKHURST ST./ADAMS AVE. HUNTINGTON BEACH, CA	
	CAD FILE 06227LM		PROJECT NO. 11.236



DATE DRAWN	PLOT PLAN	FIGURE NO. 2A
REV. DATE	SHELL-BRANDED SERVICE STATION 20001 BROOKHURST ST./ADAMS AVE. HUNTINGTON BEACH, CA	
CAD FILE 11236PP		PROJECT NO. 11.236

WaynePerry CONSULTING · CONSTRUCTION ENGINEERING · MAINTENANCE SINCE 1968



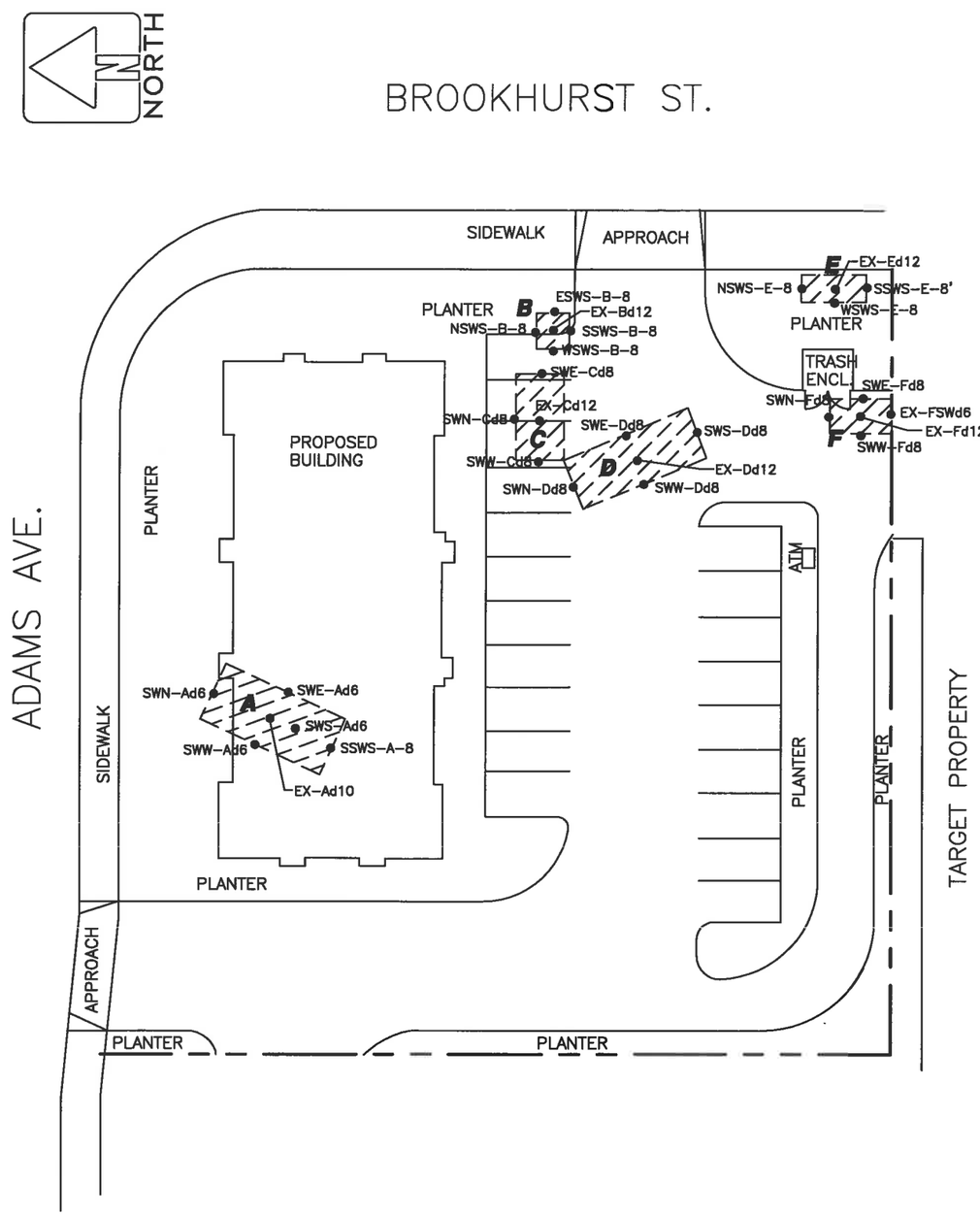
NORTH

LEGEND

- AREA OF EXCAVATION
- SOIL SAMPLE
- HOIST
- FORMER 12,000-GALLON UNDERGROUND STORAGE TANK
- 550-GALLON WASTE-OIL TANK
- DISPENSER ISLAND
- FORMER UNDERGROUND STORAGE TANK

0 30 FEET
SCALE

WaynePerry CONSULTING · CONSTRUCTION · ENGINEERING · MAINTENANCE SINCE 1968	DATE DRAWN	REMEDIAL EXCAVATION PLOT PLAN	FIGURE NO. 2B
	REV. DATE	SHELL-BRANDED SERVICE STATION 20001 BROOKHURST ST. HUNTINGTON BEACH, CA	
	CAD FILE 11236DEV2		PROJECT NO. 11.236



LEGEND

AREA OF EXCAVATION

SOIL SAMPLE

Sample ID and Depth feet	TPH-G (mg/kg)	TPPH/ GRO (µg/kg)	Benzene (µg/kg)	Toluene (µg/kg)	Ethyl-benzene (µg/kg)	Total Xylenes (µg/kg)	MTBE 8260 (µg/kg)
Excavation A	9/28/12 & 10/10/12						
EX-Ad10	-	61000	ND<500	ND<500	ND<500	ND<500	ND<500
SWS-Ad6	-	1100000	ND<2500	3500	12000	95000	ND<2500
SWW-Ad6	-	ND<500	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0
SWE-Ad6	-	460000	ND<1000	ND<1000	4600	22000	ND<1000
SWN-Ad6	-	2600	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0
SSWS-A-8'	-	320000	ND<500	ND<500	ND<500	ND<500	ND<500
Excavation B	9/28/12 & 10/9/12						
EX-Bd12	-	51000	ND<5.0	ND<5.0	57	13	ND<5.0
NSWS-B-8'	-	ND<500	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50
WSWS-B-8'	-	70000	ND<13	ND<52	ND<15	ND<56	ND<30
SSWS-B-8'	-	ND<500	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0
ESWS-B-8'	-	ND<500	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0
Excavation C	9/28/12						
EX-Cd12	-	900000	230 J	590 J	8700	4400	ND<150
SWN-Cd8	-	2400	ND<5.0	ND<5.0	ND<5.0	6.8	ND<5.0
SWW-Cd8	-	ND<500	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0
SWE-Cd8	-	2300	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0
Excavation D	9/28/12						
SWN-Dd8	-	130000	ND<500	ND<500	530	ND<500	ND<500
SWE-Dd8	-	1100	9.2	ND<5.0	ND<5.0	ND<5.0	ND<5.0
EX-Dd12	-	1200000	ND<2500	47000	19000	110000	ND<2500
SWW-Dd8	-	ND<50000	ND<500	ND<500	ND<500	610	ND<500
SWS-Dd8	-	1500	ND<5.0	ND<5.0	ND<5.0	25	ND<5.0
Excavation E	9/28/12 & 10/9/12						
Ex-Ed12	-	300000	1800	6200	4300	17000	ND<500
WSWS-E-8'	-	ND<500	28	ND<5.0	ND<5.0	ND<5.0	ND<5.0
NSWS-E-8'	-	ND<500	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0
SSWS-E-8'	-	ND<500	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0
Excavation F	9/28/12 & 10/2/12						
SWE-Fd8	-	14000	28	ND<5.0	ND<5.0	19	ND<5.0
SWN-Fd8	-	140000	ND<500	ND<500	ND<500	ND<500	ND<500
SWW-Fd8	-	ND<500	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0
EX-FSWd6	ND<0.50	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0
EX-Fd12	-	ND<500	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0

Notes:

1. ND - Not detected
2. TBA - Tertiary-butyl alcohol
3. DIPE - Diisopropyl ether
4. ETBE - Ethyl tertiary-butyl ether
5. TAME - Tertiary-amyl methyl ether
6. MTBE - Methyl tertiary-butyl ether
7. TPPH - Total Petroleums as Hydrocarbons
8. GRO - Gasoline Range Organics (C4-C12)

0 30 FEET
SCALE

WaynePerry CONSULTING CONSTRUCTION ENGINEERING MAINTENANCE SINCE 1968

DATE DRAWN	HYDROCARBON DISTRIBUTION IN SOIL	FIGURE NO.	3
REV. DATE	SHELL-BRANDED SERVICE STATION 20001 BROOKHURST ST. HUNTINGTON BEACH, CA		
CAD FILE 11236HCDS		PROJECT NO.	11.236

APPENDIX A

Rule 1166 Soil Monitoring Records

Company Name	Facility/Site Information
Innovative Construction Solutions 4011 W. Chandler Avenue Santa Ana, CA 92704	Former Shell 20001 Brookhurst, AB
Reference No(s). 316268	

Plan #: 541727 I.D.#: 120425

Monitor Information	Calibration Data	Monitoring Personnel	Excavation Summary (Upon completion of each page)	
Brand: Mini Rae	Gas: hexane	Name: Erica + Lamar	Total Cubic Yds (This page)	
Model: 2000	Date 9/25/12	Company: WPI	Total Cubic Yds (To date)	
Type	By Erica	Phone: 714-826-0352	Removed from Site (To date)	

Time	VOC Concentration (PPMV) @ Excavated Load			Comment	Time	VOC Concentration (PPMV)@ Excavated Load			Comment
Every 15 min.	Reading	Hexane Factor	Adjusted Reading		Every 15 min.	Reading	Hexane Factor	Adjusted Reading	
8:15	1.2			Breaking asphalt	13:45	50.0			
8:30	0.7			Breaking asphalt	1400	87			
10:30	1.9			Jab re-compact break concrete	14:15	42			
10:45	15			Break-up N	1430	27			
11:00	10			Break-up N					END 108
11:15	1.5			Breaking @ dispenser N					
11:30	0.0			Breaking @ Dispenser N					
11:45	0.0			Breaking @ dispenser N					
				finish-stop					
13:16	0.0			Digging SOIL					
13:30	52.0			↓					

I certify that the information contained in the above document is true and correct. I further certify that the above listed hydrocarbon monitor was operated in a manner consistent with the manufacturer's specifications and the conditions specified within this plan. In addition, I certify that the above readings represent the actual measurements I observed and recorded during the excavation process.

SIGNATURE: _____ DATE: 9/25/12

Rule 1166 Soil Monitoring Records

Company Name	Facility/Site Information (former Shell)
Innovative Construction Solutions 4011 W. Chandler Avenue Santa Ana, CA 92704	20001 Brookhurst @ Adams, HB 11-236
Reference No(s). 316268	

Plan #: 541727 I.D.#: 120425

Monitor Information		Calibration Data		Monitoring Personnel		Excavation Summary (Upon completion of each page)	
Brand:	Mini Rae	Gas:	Hexane (100 ppm)	Name:	Lamat K.	Total Cubic Yds (This page)	
Model:	2000	Date	9/26/12	Company:	WFI	Total Cubic Yds (To date)	
Type	PID	By	Lamat Kotch	Phone:	(714) 826-0352	Removed from Site (To date)	

Time	VOC Concentration (PPMV) @ Excavated Load			Comment	Time	VOC Concentration (PPMV)@ Excavated Load			Comment
Every 15 min.	Reading	Hexane Factor	Adjusted Reading		Every 15 min.	Reading	Hexane Factor	Adjusted Reading	
07:30	0.0			Breaking asphalt @ F	10:15	200			↓
07:45	0.0			excavation F	10:30	605			↓
08:00	0.0				—	—	—	—	BREAK
08:15	49				11:15	0.7			Breaking concrete @ B
08:30	0				11:30	0.2			Breaking concrete @ C
08:45	4.7				11:45	0.2			↓
09:00	24.9				—	—	—	—	BREAK
09:15	17				12:45	1.3			excavation @ B
09:30	24				1300	4.0			↓
09:45	43				1315	30			↓
10:00	12			↓	1330	14			↓

I certify that the information contained in the above document is true and correct. I further certify that the above listed hydrocarbon monitor was operated in a manner consistent with the manufacturer's specifications and the conditions specified within this plan. In addition, I certify that the above readings represent the actual measurements I observed and recorded during the excavation process.

SIGNATURE: _____ DATE: 9/26/12

Rule 1166 Soil Monitoring Records

Company Name	Facility/Site Information
Innovative Construction Solutions 4011 W. Chandler Avenue Santa Ana, CA 92704	Former Shell Station 20001 Brookhurst C Adams H-236
Reference No(s).	

Plan #: 541727 **I.D.#: 120425**

Monitor Information		Calibration Data		Monitoring Personnel		Excavation Summary (Upon completion of each page)	
Brand:	MiniRae	Gas:	Hexane (100ppm)	Name:	Lowell Kates	Total Cubic Yds (This page)	
Model:	2000	Date	9/26/12	Company:	WPI	Total Cubic Yds (To date)	
Type	PID	By	Lowell Kates	Phone:	(714) 826-1362	Removed from Site (To date)	

Time	VOC Concentration (PPMV) @ Excavated Load			Comment	Time	VOC Concentration (PPMV)@ Excavated Load			Comment
Every 15 min.	Reading	Hexane Factor	Adjusted Reading		Every 15 min.	Reading	Hexane Factor	Adjusted Reading	
1345	42			Excavation @ B					
1400	30								
1415	12								
1430	43								
				BREAK					
1500									

I certify that the information contained in the above document is true and correct. I further certify that the above listed hydrocarbon monitor was operated in a manner consistent with the manufacturer's specifications and the conditions specified within this plan. In addition, I certify that the above readings represent the actual measurements I observed and recorded during the excavation process.

SIGNATURE: _____ DATE: 9/26/12

Rule 1166 Soil Monitoring Records

Company Name	Facility/Site Information
Innovative Construction Solutions 4011 W. Chandler Avenue Santa Ana, CA 92704	Former Shell 20001 Brookhurst, HB 11.236
Reference No(s): 316268	

Plan #: 541727 I.D.#: 120425

Monitor Information		Calibration Data		Monitoring Personnel		Excavation Summary (Upon completion of each page)	
Brand:	MiniRae	Gas:	Hexane (100ppm)	Name:	Lamat Kalab	Total Cubic Yds (This page)	
Model:	2000	Date	9/27/12	Company:	WPI	Total Cubic Yds (To date)	
Type	PID	By	Lamat Kalab	Phone:	(714) 826-3252	Removed from Site (To date)	

Time	VOC Concentration (PPMV) @ Excavated Load			Comment	Time	VOC Concentration (PPMV)@ Excavated Load			Comment
Every 15 min.	Reading	Hexane Factor	Adjusted Reading		Every 15 min.	Reading	Hexane Factor	Adjusted Reading	
10:00	0			Breaking asphalt concrete C/D	1400	100			↓
1015	0.1			↓	1415	150			↓
1030	0.5			Excavation D	1430	120			↓
1045				BREAK					BREAK
1215	400			excavation D	1500	515			excavation C/D
1230	112			↓	1515	148			↓
1245	7			↓	1530	152			↓
1300	850			↓					
~~1330~~				BREAK					
1330	4			excavation C					
1345	152			↓					

I certify that the information contained in the above document is true and correct. I further certify that the above listed hydrocarbon monitor was operated in a manner consistent with the manufacturer's specifications and the conditions specified within this plan. In addition, I certify that the above readings represent the actual measurements I observed and recorded during the excavation process.

SIGNATURE: _____ DATE: 9/27/12

Rule 1166 Soil Monitoring Records

Company Name	Facility/Site Information
Innovative Construction Solutions 4011 W. Chandler Avenue Santa Ana, CA 92704	former Shell 20001 Bradhurst, HB 11736
Reference No(s). 316523	

Plan #: 541727 **I.D.#: 120425**

Monitor Information		Calibration Data		Monitoring Personnel		Excavation Summary (Upon completion of each page)	
Brand:	MiniRae	Gas:	Hexane (100ppm)	Name:	Lamat	Total Cubic Yds (This page)	
Model:	2000	Date	9/28/12	Company:	WPI	Total Cubic Yds (To date)	
Type	PID	By	Lamat Yatch	Phone:	(714) 876-0342	Removed from Site (To date)	

Time	VOC Concentration (PPMV) @ Excavated Load			Comment	Time	VOC Concentration (PPMV)@ Excavated Load			Comment
Every 15 min.	Reading	Hexane Factor	Adjusted Reading		Every 15 min.	Reading	Hexane Factor	Adjusted Reading	
0815	0.1			Breaking concrete A	1400	300			Cont'd excavation A
0830	0.5			↓					
0845	1.0			↓					
0900	102			Digging A					
0915	205			↓					
0930	324			↓					
0945	246			↓					
—	—	—	—	BREAK					
1015	1010			Digging A					
1030	1200			↓					
—	—	—	—	BREAK					

I certify that the information contained in the above document is true and correct. I further certify that the above listed hydrocarbon monitor was operated in a manner consistent with the manufacturer's specifications and the conditions specified within this plan. In addition, I certify that the above readings represent the actual measurements I observed and recorded during the excavation process.

SIGNATURE: _____ DATE: 9/28/12

Rule 1166 Soil Monitoring Records

Company Name	Facility/Site Information
Innovative Construction Solutions 4011 W. Chandler Avenue Santa Ana, CA 92704	Former Shell 20001 Brookhurst, HB
Reference No(s). 315894 - 316523	

Plan #: 541727 I.D.#: 120425

Monitor Information		Calibration Data		Monitoring Personnel		Excavation Summary (Upon completion of each page)	
Brand:	PID	Gas:	hexane	Name:	Erica Rodriguez	Total Cubic Yds (This page)	52 yds
Model:	Minirae	Date	10/1/12	Company:	WPI	Total Cubic Yds (To date)	
Type	2000	By	EJ	Phone:	714-826-0352	Removed from Site (To date)	

Time	VOC Concentration (PPMV) @ Excavated Load			Comment	Time	VOC Concentration (PPMV)@ Excavated Load			Comment
Every 15 min.	Reading	Hexane Factor	Adjusted Reading		Every 15 min.	Reading	Hexane Factor	Adjusted Reading	
8:00 A	1890			12' hole D					
8:15 A	1603			direct load					
9:00 A	594			12' hole D					
9:15 A	983			break					
10:30 A	944			10' hole A					
10:45 A	114			break dewater					
				dive					
11:05	274			exc C					
11:25	108			done					

I certify that the information contained in the above document is true and correct. I further certify that the above listed hydrocarbon monitor was operated in a manner consistent with the manufacturer's specifications and the conditions specified within this plan. In addition, I certify that the above readings represent the actual measurements I observed and recorded during the excavation process.

SIGNATURE: E Rodriguez DATE: 10/1/12

Rule 1166 Soil Monitoring Records

Company Name	Facility/Site Information
Innovative Construction Solutions 4011 W. Chandler Avenue Santa Ana, CA 92704	Former Shell 20001 Brookhurst St. Huntington Beach
Reference No(s): 316523	

Plan #: 541727 **I.D.#: 120425**

Monitor Information	Calibration Data	Monitoring Personnel	Excavation Summary (Upon completion of each page)	
Brand: Mini Rae	Gas: isobutylene	Name: Curt Jones	Total Cubic Yds (This page)	14
Model:	Date: 10/2/12	Company: Wayne Perry Inc.	Total Cubic Yds (To date)	
Type: PID	By: Curt Jones	Phone: (714) 826-0352	Removed from Site (To date)	

Time	VOC Concentration (PPMV) @ Excavated Load			Comment	Time	VOC Concentration (PPMV)@ Excavated Load			Comment
Every 15 min.	Reading	Hexane Factor	Adjusted Reading		Every 15 min.	Reading	Hexane Factor	Adjusted Reading	
11:00	8000			Excavation F-direct load					
12:30	1500								
12:45	650								
13:00	250			Finished clean out					

I certify that the information contained in the above document is true and correct. I further certify that the above listed hydrocarbon monitor was operated in a manner consistent with the manufacturer's specifications and the conditions specified within this plan. In addition, I certify that the above readings represent the actual measurements I observed and recorded during the excavation process.

SIGNATURE: Curtis Jones DATE: 10/2/12

Rule 1166 Soil Monitoring Records

Company Name	Facility/Site Information
Innovative Construction Solutions 4011 W. Chandler Avenue Santa Ana, CA 92704	Former Shell Station 20001 Brookhurst, HB
Reference No(s).	

Plan #: 541727 **I.D.#: 120425**

Monitor Information		Calibration Data		Monitoring Personnel		Excavation Summary (Upon completion of each page)	
Brand:	Mini Rae	Gas:	Hexane (100ppm)	Name:	Lamar K.	Total Cubic Yds (This page)	
Model:	2000	Date	10/19/12	Company:	WPI	Total Cubic Yds (To date)	
Type	PID	By	Lamar Kalch	Phone:	(714) 826-0362	Removed from Site (To date)	

Time	VOC Concentration (PPMV) @ Excavated Load			Comment	Time	VOC Concentration (PPMV)@ Excavated Load			Comment
Every 15 min.	Reading	Hexane Factor	Adjusted Reading		Every 15 min.	Reading	Hexane Factor	Adjusted Reading	
1115	0.3			Breaking Asphalt					
				BREAK					

I certify that the information contained in the above document is true and correct. I further certify that the above listed hydrocarbon monitor was operated in a manner consistent with the manufacturer's specifications and the conditions specified within this plan. In addition, I certify that the above readings represent the actual measurements I observed and recorded during the excavation process.

SIGNATURE: _____ DATE: 10/19/12

Rule 1166 Soil Monitoring Records

Company Name	Facility/Site Information
Innovative Construction Solutions 4011 W. Chandler Avenue Santa Ana, CA 92704	Former Shell 2000 E Broadway, HB
Reference No(s).	

Plan #: 541727 **I.D.#: 120425**

Monitor Information		Calibration Data		Monitoring Personnel		Excavation Summary (Upon completion of each page)	
Brand:	MiniRae	Gas:	Hexane (100ppm)	Name:	Lamar	Total Cubic Yds (This page)	
Model:	2000	Date	10/5/12	Company:	NCI	Total Cubic Yds (To date)	
Type	PID	By	Lamar	Phone:	(714) 526-0552	Removed from Site (To date)	

Time	VOC Concentration (PPMV) @ Excavated Load			Comment	Time	VOC Concentration (PPMV)@ Excavated Load			Comment
Every 15 min.	Reading	Hexane Factor	Adjusted Reading		Every 15 min.	Reading	Hexane Factor	Adjusted Reading	
0745	98			Removed Footing from UD Zone					
0800	62			↓					

I certify that the information contained in the above document is true and correct. I further certify that the above listed hydrocarbon monitor was operated in a manner consistent with the manufacturer's specifications and the conditions specified within this plan. In addition, I certify that the above readings represent the actual measurements I observed and recorded during the excavation process.

SIGNATURE: _____ DATE: 10/5/12

Rule 1166 Soil Monitoring Records

Company Name	Facility/Site Information
Innovative Construction Solutions 4011 W. Chandler Avenue Santa Ana, CA 92704	20001 Brookhurst St. Huntington Beach CA
Reference No(s). 316 268	

Plan #: 541727 I.D.#: 120425

Monitor Information		Calibration Data		Monitoring Personnel		Excavation Summary (Upon completion of each page)	
Brand:	Mini Rae	Gas:	Hexane	Name:	R. Deamer	Total Cubic Yds (This page)	52
Model:	2000	Date	10/9/12	Company:	WPI	Total Cubic Yds (To date)	252
Type	PID	By	R. Deamer	Phone:	(562) 310 8766	Removed from Site (To date)	350

Time	VOC Concentration (PPMV) @ Excavated Load			Comment	Time	VOC Concentration (PPMV)@ Excavated Load			Comment
Every 15 min.	Reading	Hexane Factor	Adjusted Reading	exc. begin	Every 15 min.	Reading	Hexane Factor	Adjusted Reading	
0835	2442			breathing zone 250/NW wind Sidewalls					
0850	698			NW winds breathing zone 250					
0905	136			exc. end NW wind breathing 250					
1220	0.0			Exc. begin SE wind					
1235	126			NE wind Breathing 250					
1250	161			NE wind Breathing 250 Exc. end					

I certify that the information contained in the above document is true and correct. I further certify that the above listed hydrocarbon monitor was operated in a manner consistent with the manufacturer's specifications and the conditions specified within this plan. In addition, I certify that the above readings represent the actual measurements I observed and recorded during the excavation process.

SIGNATURE: [signature] DATE: 10/9/12

@13 cuyrds

" } 52yd³

Rule 1166 Soil Monitoring Records

Company Name	Facility/Site Information
Innovative Construction Solutions 4011 W. Chandler Avenue Santa Ana, CA 92704	20001 Brookhurst Huntington Beach CA
Reference No(s). 316268	

Plan #: 541727 I.D.#: 120425

Monitor Information	Calibration Data	Monitoring Personnel	Excavation Summary (Upon completion of each page)	
Brand: Mini Rae	Gas: Hexane	Name: R. Deamer	Total Cubic Yds (This page)	65
Model: 2000	Date 10/10/12	Company: WPI	Total Cubic Yds (To date)	420
Type PID	By R. Deamer	Phone: 7148230352	Removed from Site (To date)	420

Time	VOC Concentration (PPMV) @ Excavated Load			Comment	Time	VOC Concentration (PPMV)@ Excavated Load			Comment
Every 15 min.	Reading	Hexane Factor	Adjusted Reading		Every 15 min.	Reading	Hexane Factor	Adjusted Reading	
0845	526			light wind [illegible] reading < 50					
0900	482			light wind [illegible] reading < 50					
0915	138			light wind [illegible] reading < 50 end 8 yd					
1130	22			SE wind [illegible] loading into truck					
1145	3.7			end truck loading					

I certify that the information contained in the above document is true and correct. I further certify that the above listed hydrocarbon monitor was operated in a manner consistent with the manufacturer's specifications and the conditions specified within this plan. In addition, I certify that the above readings represent the actual measurements I observed and recorded during the excavation process.

SIGNATURE: [signature] DATE: 10/10/12

@13 yards
IIIII
65 yd³

APPENDIX B

CHAIN OF CUSTODY
County of Orange Health Care Agency
Environmental Health Division
1241 E. Dyer Rd., Ste. 120, Santa Ana, CA 92705
Telephone: (714) 33-6000 / FAX: (714) 754-1768

1. **ALL SAMPLES ARE TO BE HANDLED AS COURT EVIDENCE, AND ARE TO BE PROPERLY STORED IN A SECURE LOCATION.**

2. **PLEASE WRITE LEGIBLY.**

3. **ATTACH THIS FORM TO THE ORIGINAL REPORT OF THE ANALYTICAL RESULTS AND RETURN THEM TO THIS OFFICE. LABORATORY RESULTS RECEIVED WITHOUT PROPER CHAIN OF CUSTODY DOCUMENTATION WILL NOT BE ACCEPTED.**

4. **TO BE COMPLETED BY LABORATORY ANALYST**

LAB NO.: 12-10-0610

DATE RECEIVED: 10/9/12

SAMPLE(S) CONDITION (PLEASE CHECK):

CHILLED: ✓ COUNTY SEAL(S) INTACT: ✓

CONTAINER IN GOOD CONDITION: YES

DATE ANALYSIS COMPLETED:

ANALYST:

5. **TO BE COMPLETED BY SAMPLE COLLECTOR**

SITE NAME/ADDRESS: SHELL 20001 BROOKHURST, H.B.

DATE OF COLLECTION: 10/9/12

SAMPLE COLLECTOR/COMPANY: Robert Deaner / Wayne Perry

TELEPHONE NO.:

HCA REPRESENTATIVE: D. BAKER

6.

SAMPLE NUMBER	DETERMINATION REQUESTED	SAMPLE DESCRIPTION/COMMENTS	TIME OF COLLECTION
NSWS-B-8	8260B FULL SCAN	SOIL, EXCAVATION B	1220
WSWS-B-8	↓ INCL. TPPH	↓	1224
SSWS-B-8	↓	↓	1227
ESWS-B-8	↓	↓	1230

7. **CHAIN OF CUSTODY**

	SIGNATURE	COMPANY/AGENCY	INCLUSIVE DATES/TIMES
1.	Lenemarie Baker	OCHCA/LOP	10-9-12. 1240
2.	[illegible]	WPI	10-9-12. 1240
3.	[illegible]	WPI	10-9-12. 1425
4.	[illegible]	[illegible]	10/9/12. 1425
5.			.
6.			.

#2

F272-9.1531.1(R8/89) CRS

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PINK-CONTRACTOR/CONSULTANT COPY, GOLDENROD-OFFICE COPY

Calscience Environmental Laboratories, Inc.

Supplemental Report 2

Additional requested analyses have been added to the original report.

CALSCIENCE

WORK ORDER NUMBER: 12-09-1846

The difference is service

AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: Wayne Perry, Inc.

Client Project Name: 20001 Brookhurst Ave., Huntington Beach, CA

Attention: Erica Rodriguez
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Approved for release on 10/4/2012 by:
Xuan Dang
Project Manager

ResultLink ›

Email your PM ›

Calscience Environmental Laboratories, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

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NELAP ID: 03220CA | DoD-ELAP ID: L10-41 | CSDLAC ID: 10109 | SCAQMD ID: 93LA0830

Calscience Environmental Laboratories, Inc.

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Work Order Number: 12-09-1846

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Calscience Environmental Laboratories, Inc.

ACCREDITED IN ACCORDANCE WITH nelac

Client:	Wayne Perry, Inc. 8281 Commonwealth Avenue Buena Park, CA 90621-2537	Work Order:	12-09-1846
		Project name:	20001 Brookhurst Ave., Huntington Beach, C
		Received:	09/28/12 15:27
Attn:	Erica Rodriguez		

DETECTIONS SUMMARY

Client Sample ID Analyte	Result	Qualifiers	Reporting Limit	Units	Method	Extraction
EX-Ad10 (12-09-1846-1)						
Gasoline Range Organics (C4-C12)	**61000**		50000	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
SWS-Ad6 (12-09-1846-2)						
C13-C14	**8.4**		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
C13-C22 TPH Diesel Range	**12**		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
C13-C44 Total	**14**		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
n-Butylbenzene	**7300**		2500	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
Ethylbenzene	**12000**		2500	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
n-Propylbenzene	**8200**		2500	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
Gasoline Range Organics (C4-C12)	**1100000**		250000	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
Toluene	**3500**		2500	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
1,2,4-Trimethylbenzene	**77000**		2500	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
1,3,5-Trimethylbenzene	**26000**		2500	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
Xylenes (total)	**95000**		2500	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C

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Calscience Environmental Laboratories, Inc.

ACCREDITED IN ACCORDANCE WITH nelac

Client:	Wayne Perry, Inc. 8281 Commonwealth Avenue Buena Park, CA 90621-2537	Work Order:	12-09-1846
		Project name:	20001 Brookhurst Ave., Huntington Beach, C
		Received:	09/28/12 15:27
Attn:	Erica Rodriguez		

DETECTIONS SUMMARY

Client Sample ID Analyte	Result	Qualifiers	Reporting Limit	Units	Method	Extraction
SWE-Ad6 (12-09-1846-4)						
C13-C14	**6.4**		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
C13-C22 TPH Diesel Range	**9.1**		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
C13-C44 Total	**9.1**		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
n-Butylbenzene	**3000**		1000	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
Ethylbenzene	**4600**		1000	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
n-Propylbenzene	**3500**		1000	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
Gasoline Range Organics (C4-C12)	**460000**		100000	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
1,2,4-Trimethylbenzene	**26000**		1000	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
1,3,5-Trimethylbenzene	**8600**		1000	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
Xylenes (total)	**22000**		1000	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
SWN-Ad6 (12-09-1846-5)						
Gasoline Range Organics (C4-C12)	**2600**		500	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
Tert-Butyl Alcohol (TBA)	**58**		50	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C

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Client:	Wayne Perry, Inc. 8281 Commonwealth Avenue Buena Park, CA 90621-2537	Work Order:	12-09-1846
		Project name:	20001 Brookhurst Ave., Huntington Beach, C
		Received:	09/28/12 15:27
Attn:	Erica Rodriguez		

DETECTIONS SUMMARY

Client Sample ID Analyte	Result	Qualifiers	Reporting Limit	Units	Method	Extraction
EX-Cd12 (12-09-1846-6)						
C13-C14	**10**		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
C13-C22 TPH Diesel Range	**12**		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
C13-C44 Total	**12**		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
Benzene	**230**	J	65*	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
n-Butylbenzene	**3000**		2500	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
sec-Butylbenzene	**1000**	J	290*	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
Ethylbenzene	**8700**		2500	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
Isopropylbenzene	**2500**	J	2500	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
Naphthalene	**5000**	J	410*	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
n-Propylbenzene	**9800**		2500	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
Gasoline Range Organics (C4-C12)	**900000**	B	250000	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
Toluene	**590**	J	260*	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
1,2,4-Trimethylbenzene	**3200**		2500	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
1,3,5-Trimethylbenzene	**3000**		2500	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
Xylenes (total)	**4400**		2500	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
SWW-Dd8 (12-09-1846-7)						
C13-C14	**5.6**		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
C13-C22 TPH Diesel Range	**5.6**		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
C13-C44 Total	**5.6**		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
n-Butylbenzene	**710**		500	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
Ethylbenzene	**530**		500	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
Gasoline Range Organics (C4-C12)	**130000**		50000	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
1,2,4-Trimethylbenzene	**2500**		500	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C

*MDL is shown.

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Client:	Wayne Perry, Inc. 8281 Commonwealth Avenue Buena Park, CA 90621-2537	Work Order:	12-09-1846
		Project name:	20001 Brookhurst Ave., Huntington Beach, C
		Received:	09/28/12 15:27
Attn:	Erica Rodriguez		

DETECTIONS SUMMARY

Client Sample ID Analyte	Result	Qualifiers	Reporting Limit	Units	Method	Extraction
SWN-Cd8 (12-09-1846-8)						
Gasoline Range Organics (C4-C12)	**2400**		500	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
Xylenes (total)	**6.8**		5.0	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
SWE-Cd8 (12-09-1846-10)						
Gasoline Range Organics (C4-C12)	**2300**		500	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
SWE-Dd8 (12-09-1846-11)						
Benzene	**9.2**		5.0	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
Gasoline Range Organics (C4-C12)	**1100**		500	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
EX-Dd12 (12-09-1846-12)						
C13-C14	**7.1**		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
C13-C22 TPH Diesel Range	**7.1**		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
C13-C44 Total	**7.1**		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
n-Butylbenzene	**2900**		2500	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
Ethylbenzene	**19000**		2500	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
n-Propylbenzene	**5500**		2500	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
Gasoline Range Organics (C4-C12)	**1200000**		250000	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
Toluene	**47000**		2500	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
1,2,4-Trimethylbenzene	**44000**		2500	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
1,3,5-Trimethylbenzene	**12000**		2500	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
Xylenes (total)	**110000**		2500	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C

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*MDL is shown.

Calscience Environmental Laboratories, Inc.

Client:	Wayne Perry, Inc. 8281 Commonwealth Avenue Buena Park, CA 90621-2537	Work Order:	12-09-1846
		Project name:	20001 Brookhurst Ave., Huntington Beach, C
		Received:	09/28/12 15:27
Attn:	Erica Rodriguez		

DETECTIONS SUMMARY

Client Sample ID Analyte	Result	Qualifiers	Reporting Limit	Units	Method	Extraction
SWW-Dd8 (12-09-1846-13)						
1,2,4-Trimethylbenzene	**2500**		500	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
1,3,5-Trimethylbenzene	**780**		500	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
Xylenes (total)	**610**		500	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
SWS-Dd8 (12-09-1846-14)						
n-Butylbenzene	**5.5**		5.0	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
Gasoline Range Organics (C4-C12)	**1500**		500	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
1,2,4-Trimethylbenzene	**120**		5.0	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
1,3,5-Trimethylbenzene	**34**		5.0	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
Xylenes (total)	**25**		5.0	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C

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*MDL is shown.

Calscience Environmental Laboratories, Inc.

Client:	Wayne Perry, Inc. 8281 Commonwealth Avenue Buena Park, CA 90621-2537	Work Order:	12-09-1846
		Project name:	20001 Brookhurst Ave., Huntington Beach, C
		Received:	09/28/12 15:27
Attn:	Erica Rodriguez		

DETECTIONS SUMMARY

Analyte	Result	Qualifiers	Reporting Limit	Units	Method	Extraction
Ex-Ed12 (12-09-1846-15)						
C13-C14	**11**		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
C13-C22 TPH Diesel Range	**13**		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
C23-C44 TPH Motor Oil Range	**8.7**		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
C13-C44 Total	**22**		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
Benzene	**1800**		500	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
n-Butylbenzene	**1200**		500	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
Ethylbenzene	**4300**		500	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
Isopropylbenzene	**570**		500	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
n-Propylbenzene	**2500**		500	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
Gasoline Range Organics (C4-C12)	**300000**		50000	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
Toluene	**6200**		500	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
1,2,4-Trimethylbenzene	**8800**		500	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
1,3,5-Trimethylbenzene	**2900**		500	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
Xylenes (total)	**17000**		500	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
SWE-Fd8 (12-09-1846-16)						
Benzene	**28**		5.0	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
n-Propylbenzene	**5.1**		5.0	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
Gasoline Range Organics (C4-C12)	**14000**	B,J	24*	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
1,2,4-Trimethylbenzene	**7.5**		5.0	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
Xylenes (total)	**19**		5.0	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C

*MDL is shown.

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Calscience Environmental Laboratories, Inc.

Client:	Wayne Perry, Inc. 8281 Commonwealth Avenue Buena Park, CA 90621-2537	Work Order:	12-09-1846
		Project name:	20001 Brookhurst Ave., Huntington Beach, C
		Received:	09/28/12 15:27
Attn:	Erica Rodriguez		

DETECTIONS SUMMARY

Client Sample ID Analyte	Result	Qualifiers	Reporting Limit	Units	Method	Extraction
SWN-Fd8 (12-09-1846-17)						
n-Propylbenzene	**500**		500	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
Gasoline Range Organics (C4-C12)	**140000**		50000	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
1,2,4-Trimethylbenzene	**2700**		500	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
1,3,5-Trimethylbenzene	**650**		500	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
COMP(EX-Ad10,Cd12,Dd12,Ed12) (12-09-1846-19)						
Barium	**63.9**		0.500	mg/kg	EPA 6010B	EPA 3050B
Beryllium	**0.316**		0.250	mg/kg	EPA 6010B	EPA 3050B
Chromium	**11.7**		0.250	mg/kg	EPA 6010B	EPA 3050B
Cobalt	**6.62**		0.250	mg/kg	EPA 6010B	EPA 3050B
Copper	**9.61**		0.500	mg/kg	EPA 6010B	EPA 3050B
Lead	**2.78**		0.500	mg/kg	EPA 6010B	EPA 3050B
Nickel	**8.45**		0.250	mg/kg	EPA 6010B	EPA 3050B
Vanadium	**27.8**		0.250	mg/kg	EPA 6010B	EPA 3050B
Zinc	**36.0**		1.00	mg/kg	EPA 6010B	EPA 3050B

Subcontracted analyses, if any, are not included in this summary.

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*MDL is shown.

Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.		Date Received:	09/28/12
8281 Commonwealth Avenue		Work Order No:	12-09-1846
Buena Park, CA 90621-2537		Preparation:	EPA 3550B
		Method:	EPA 8015B (M)
		Units:	mg/kg

Project: 20001 Brookhurst Ave., Huntington Beach, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
EX-Ad10	**12-09-1846-1-A**	**09/28/12 11:00**	**Solid**	**GC 45**	**10/02/12**	**10/02/12 18:52**	**121002B09**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
C13-C14	ND	5.0	1		C29-C32	ND	5.0	1	
C15-C16	ND	5.0	1		C33-C36	ND	5.0	1	
C17-C18	ND	5.0	1		C37-C40	ND	5.0	1	
C19-C20	ND	5.0	1		C41-C44	ND	5.0	1	
C21-C22	ND	5.0	1		C13-C22 TPH Diesel Range	ND	5.0	1	
C23-C24	ND	5.0	1		C23-C44 TPH Motor Oil Range	ND	5.0	1	
C25-C28	ND	5.0	1		C13-C44 Total	ND	5.0	1	

Surrogates:	REC (%)	Control Limits	Qual
n-Octacosane	107	61-145	

SWS-Ad6	**12-09-1846-2-A**	**09/28/12 11:01**	**Solid**	**GC 45**	**10/02/12**	**10/02/12 19:07**	**121002B09**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
C13-C14	8.4	5.0	1		C29-C32	ND	5.0	1	
C15-C16	ND	5.0	1		C33-C36	ND	5.0	1	
C17-C18	ND	5.0	1		C37-C40	ND	5.0	1	
C19-C20	ND	5.0	1		C41-C44	ND	5.0	1	
C21-C22	ND	5.0	1		C13-C22 TPH Diesel Range	12	5.0	1	
C23-C24	ND	5.0	1		C23-C44 TPH Motor Oil Range	ND	5.0	1	
C25-C28	ND	5.0	1		C13-C44 Total	14	5.0	1	

Surrogates:	REC (%)	Control Limits	Qual
n-Octacosane	105	61-145	

SWE-Ad6	**12-09-1846-4-A**	**09/28/12 11:09**	**Solid**	**GC 45**	**10/02/12**	**10/02/12 19:22**	**121002B09**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
C13-C14	6.4	5.0	1		C29-C32	ND	5.0	1	
C15-C16	ND	5.0	1		C33-C36	ND	5.0	1	
C17-C18	ND	5.0	1		C37-C40	ND	5.0	1	
C19-C20	ND	5.0	1		C41-C44	ND	5.0	1	
C21-C22	ND	5.0	1		C13-C22 TPH Diesel Range	9.1	5.0	1	
C23-C24	ND	5.0	1		C23-C44 TPH Motor Oil Range	ND	5.0	1	
C25-C28	ND	5.0	1		C13-C44 Total	9.1	5.0	1	

Surrogates:	REC (%)	Control Limits	Qual
n-Octacosane	98	61-145	

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RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.		Date Received:	09/28/12
8281 Commonwealth Avenue		Work Order No:	12-09-1846
Buena Park, CA 90621-2537		Preparation:	EPA 3550B
		Method:	EPA 8015B (M)
		Units:	mg/kg

Project: 20001 Brookhurst Ave., Huntington Beach, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
EX-Cd12	**12-09-1846-6-A**	**09/28/12 11:30**	**Solid**	**GC 45**	**10/02/12**	**10/02/12 19:37**	**121002B09**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
C13-C14	10	5.0	1		C29-C32	ND	5.0	1	
C15-C16	ND	5.0	1		C33-C36	ND	5.0	1	
C17-C18	ND	5.0	1		C37-C40	ND	5.0	1	
C19-C20	ND	5.0	1		C41-C44	ND	5.0	1	
C21-C22	ND	5.0	1		C13-C22 TPH Diesel Range	12	5.0	1	
C23-C24	ND	5.0	1		C23-C44 TPH Motor Oil Range	ND	5.0	1	
C25-C28	ND	5.0	1		C13-C44 Total	12	5.0	1	

Surrogates:	REC (%)	Control Limits	Qual
n-Octacosane	101	61-145	

SWW-Dd8	**12-09-1846-7-A**	**09/28/12 11:33**	**Solid**	**GC 45**	**10/02/12**	**10/02/12 19:51**	**121002B09**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
C13-C14	5.6	5.0	1		C29-C32	ND	5.0	1	
C15-C16	ND	5.0	1		C33-C36	ND	5.0	1	
C17-C18	ND	5.0	1		C37-C40	ND	5.0	1	
C19-C20	ND	5.0	1		C41-C44	ND	5.0	1	
C21-C22	ND	5.0	1		C13-C22 TPH Diesel Range	5.6	5.0	1	
C23-C24	ND	5.0	1		C23-C44 TPH Motor Oil Range	ND	5.0	1	
C25-C28	ND	5.0	1		C13-C44 Total	5.6	5.0	1	

Surrogates:	REC (%)	Control Limits	Qual
n-Octacosane	92	61-145	

EX-Dd12	**12-09-1846-12-A**	**09/28/12 11:44**	**Solid**	**GC 45**	**10/02/12**	**10/02/12 20:06**	**121002B09**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
C13-C14	7.1	5.0	1		C29-C32	ND	5.0	1	
C15-C16	ND	5.0	1		C33-C36	ND	5.0	1	
C17-C18	ND	5.0	1		C37-C40	ND	5.0	1	
C19-C20	ND	5.0	1		C41-C44	ND	5.0	1	
C21-C22	ND	5.0	1		C13-C22 TPH Diesel Range	7.1	5.0	1	
C23-C24	ND	5.0	1		C23-C44 TPH Motor Oil Range	ND	5.0	1	
C25-C28	ND	5.0	1		C13-C44 Total	7.1	5.0	1	

Surrogates:	REC (%)	Control Limits	Qual
n-Octacosane	99	61-145	

Return to Contents

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.		Date Received:	09/28/12
8281 Commonwealth Avenue		Work Order No:	12-09-1846
Buena Park, CA 90621-2537		Preparation:	EPA 3550B
		Method:	EPA 8015B (M)
		Units:	mg/kg

Project: 20001 Brookhurst Ave., Huntington Beach, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Ex-Ed12	**12-09-1846-15-A**	**09/28/12 11:59**	**Solid**	**GC 45**	**10/02/12**	**10/02/12 20:21**	**121002B09**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
C13-C14	11	5.0	1		C29-C32	ND	5.0	1	
C15-C16	ND	5.0	1		C33-C36	ND	5.0	1	
C17-C18	ND	5.0	1		C37-C40	ND	5.0	1	
C19-C20	ND	5.0	1		C41-C44	ND	5.0	1	
C21-C22	ND	5.0	1		C13-C22 TPH Diesel Range	13	5.0	1	
C23-C24	ND	5.0	1		C23-C44 TPH Motor Oil Range	8.7	5.0	1	
C25-C28	ND	5.0	1		C13-C44 Total	22	5.0	1	

Surrogates:	REC (%)	Control Limits	Qual
n-Octacosane	98	61-145	

SWN-Fd8	**12-09-1846-17-A**	**09/28/12 12:07**	**Solid**	**GC 45**	**10/02/12**	**10/02/12 20:35**	**121002B09**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
C13-C14	ND	5.0	1		C29-C32	ND	5.0	1	
C15-C16	ND	5.0	1		C33-C36	ND	5.0	1	
C17-C18	ND	5.0	1		C37-C40	ND	5.0	1	
C19-C20	ND	5.0	1		C41-C44	ND	5.0	1	
C21-C22	ND	5.0	1		C13-C22 TPH Diesel Range	ND	5.0	1	
C23-C24	ND	5.0	1		C23-C44 TPH Motor Oil Range	ND	5.0	1	
C25-C28	ND	5.0	1		C13-C44 Total	ND	5.0	1	

Surrogates:	REC (%)	Control Limits	Qual
n-Octacosane	103	61-145	

Method Blank	**099-15-484-68**	**N/A**	**Solid**	**GC 45**	**10/02/12**	**10/02/12 17:39**	**121002B09**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
C13-C14	ND	5.0	1		C29-C32	ND	5.0	1	
C15-C16	ND	5.0	1		C33-C36	ND	5.0	1	
C17-C18	ND	5.0	1		C37-C40	ND	5.0	1	
C19-C20	ND	5.0	1		C41-C44	ND	5.0	1	
C21-C22	ND	5.0	1		C13-C22 TPH Diesel Range	ND	5.0	1	
C23-C24	ND	5.0	1		C23-C44 TPH Motor Oil Range	ND	5.0	1	
C25-C28	ND	5.0	1		C13-C44 Total	ND	5.0	1	

Surrogates:	REC (%)	Control Limits	Qual
n-Octacosane	121	61-145	

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RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.		Date Received:	09/28/12
8281 Commonwealth Avenue		Work Order No:	12-09-1846
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/kg
Project: 20001 Brookhurst Ave., Huntington Beach, CA			Page 1 of 25

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
EX-Ad10	**12-09-1846-1-A**	**09/28/12 11:00**	**Solid**	**GC/MS W**	**09/28/12**	**09/29/12 14:06**	**120929L02**

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	12000		100		1,1-Dichloropropene	ND	500		100	
Benzene	ND	500		100		c-1,3-Dichloropropene	ND	500		100	
Bromobenzene	ND	500		100		t-1,3-Dichloropropene	ND	500		100	
Bromochloromethane	ND	500		100		Ethylbenzene	ND	500		100	
Bromodichloromethane	ND	500		100		2-Hexanone	ND	5000		100	
Bromoform	ND	500		100		Isopropylbenzene	ND	500		100	
Bromomethane	ND	2500		100		p-Isopropyltoluene	ND	500		100	
2-Butanone	ND	5000		100		Methylene Chloride	ND	5000		100	
n-Butylbenzene	ND	500		100		4-Methyl-2-Pentanone	ND	5000		100	
sec-Butylbenzene	ND	500		100		Naphthalene	ND	5000		100	
tert-Butylbenzene	ND	500		100		n-Propylbenzene	ND	500		100	
Carbon Disulfide	ND	5000		100		1,1,1,2-Tetrachloroethane	ND	500		100	
Carbon Tetrachloride	ND	500		100		1,1,2,2-Tetrachloroethane	ND	500		100	
Chlorobenzene	ND	500		100		Tetrachloroethene	ND	500		100	
Chloroethane	ND	500		100		Toluene	ND	500		100	
Chloroform	ND	500		100		1,2,3-Trichlorobenzene	ND	1000		100	
Chloromethane	ND	2500		100		1,2,4-Trichlorobenzene	ND	500		100	
2-Chlorotoluene	ND	500		100		1,1,1-Trichloroethane	ND	500		100	
4-Chlorotoluene	ND	500		100		1,1,2-Trichloroethane	ND	500		100	
Dibromochloromethane	ND	500		100		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	5000		100	
1,2-Dibromo-3-Chloropropane	ND	2500		100		Trichloroethene	ND	500		100	
1,2-Dibromoethane	ND	500		100		1,2,3-Trichloropropane	ND	500		100	
Dibromomethane	ND	500		100		1,2,4-Trimethylbenzene	ND	500		100	
1,2-Dichlorobenzene	ND	500		100		Trichlorofluoromethane	ND	5000		100	
1,3-Dichlorobenzene	ND	500		100		1,3,5-Trimethylbenzene	ND	500		100	
1,4-Dichlorobenzene	ND	500		100		Vinyl Acetate	ND	5000		100	
Dichlorodifluoromethane	ND	500		100		Vinyl Chloride	ND	500		100	
1,1-Dichloroethane	ND	500		100		Xylenes (total)	ND	500		100	
1,2-Dichloroethane	ND	500		100		Methyl-t-Butyl Ether (MTBE)	ND	500		100	
1,1-Dichloroethene	ND	500		100		Tert-Butyl Alcohol (TBA)	ND	5000		100	
c-1,2-Dichloroethene	ND	500		100		Diisopropyl Ether (DIPE)	ND	1000		100	
t-1,2-Dichloroethene	ND	500		100		Ethyl-t-Butyl Ether (ETBE)	ND	1000		100	
1,2-Dichloropropane	ND	500		100		Tert-Amyl-Methyl Ether (TAME)	ND	1000		100	
1,3-Dichloropropane	ND	500		100		Ethanol	ND	50000		100	
2,2-Dichloropropane	ND	500		100		Gasoline Range Organics (C4-C12)	61000	50000		100	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	97	63-141		1,2-Dichloroethane-d4	97	62-146	
Toluene-d8	99	80-120		1,4-Bromofluorobenzene	99	60-132	
Toluene-d8-TPPH	98	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.		Date Received:	09/28/12
8281 Commonwealth Avenue		Work Order No:	12-09-1846
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/kg
Project: 20001 Brookhurst Ave., Huntington Beach, CA			Page 2 of 25

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SWS-Ad6	**12-09-1846-2-A**	**09/28/12 11:01**	**Solid**	**GC/MS W**	**09/28/12**	**09/29/12 13:37**	**120929L02**

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	62000		500		1,1-Dichloropropene	ND	2500		500	
Benzene	ND	2500		500		c-1,3-Dichloropropene	ND	2500		500	
Bromobenzene	ND	2500		500		t-1,3-Dichloropropene	ND	2500		500	
Bromochloromethane	ND	2500		500		Ethylbenzene	12000	2500		500	
Bromodichloromethane	ND	2500		500		2-Hexanone	ND	25000		500	
Bromoform	ND	2500		500		Isopropylbenzene	ND	2500		500	
Bromomethane	ND	12000		500		p-Isopropyltoluene	ND	2500		500	
2-Butanone	ND	25000		500		Methylene Chloride	ND	25000		500	
n-Butylbenzene	7300	2500		500		4-Methyl-2-Pentanone	ND	25000		500	
sec-Butylbenzene	ND	2500		500		Naphthalene	ND	25000		500	
tert-Butylbenzene	ND	2500		500		n-Propylbenzene	8200	2500		500	
Carbon Disulfide	ND	25000		500		1,1,1,2-Tetrachloroethane	ND	2500		500	
Carbon Tetrachloride	ND	2500		500		1,1,2,2-Tetrachloroethane	ND	2500		500	
Chlorobenzene	ND	2500		500		Tetrachloroethene	ND	2500		500	
Chloroethane	ND	2500		500		Toluene	3500	2500		500	
Chloroform	ND	2500		500		1,2,3-Trichlorobenzene	ND	5000		500	
Chloromethane	ND	12000		500		1,2,4-Trichlorobenzene	ND	2500		500	
2-Chlorotoluene	ND	2500		500		1,1,1-Trichloroethane	ND	2500		500	
4-Chlorotoluene	ND	2500		500		1,1,2-Trichloroethane	ND	2500		500	
Dibromochloromethane	ND	2500		500		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	25000		500	
1,2-Dibromo-3-Chloropropane	ND	12000		500		Trichloroethene	ND	2500		500	
1,2-Dibromoethane	ND	2500		500		1,2,3-Trichloropropane	ND	2500		500	
Dibromomethane	ND	2500		500		1,2,4-Trimethylbenzene	77000	2500		500	
1,2-Dichlorobenzene	ND	2500		500		Trichlorofluoromethane	ND	25000		500	
1,3-Dichlorobenzene	ND	2500		500		1,3,5-Trimethylbenzene	26000	2500		500	
1,4-Dichlorobenzene	ND	2500		500		Vinyl Acetate	ND	25000		500	
Dichlorodifluoromethane	ND	2500		500		Vinyl Chloride	ND	2500		500	
1,1-Dichloroethane	ND	2500		500		Xylenes (total)	95000	2500		500	
1,2-Dichloroethane	ND	2500		500		Methyl-t-Butyl Ether (MTBE)	ND	2500		500	
1,1-Dichloroethene	ND	2500		500		Tert-Butyl Alcohol (TBA)	ND	25000		500	
c-1,2-Dichloroethene	ND	2500		500		Diisopropyl Ether (DIPE)	ND	5000		500	
t-1,2-Dichloroethene	ND	2500		500		Ethyl-t-Butyl Ether (ETBE)	ND	5000		500	
1,2-Dichloropropane	ND	2500		500		Tert-Amyl-Methyl Ether (TAME)	ND	5000		500	
1,3-Dichloropropane	ND	2500		500		Ethanol	ND	250000		500	
2,2-Dichloropropane	ND	2500		500		Gasoline Range Organics (C4-C12)	1100000	250000		500	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	99	63-141		1,2-Dichloroethane-d4	104	62-146	
Toluene-d8	98	80-120		1,4-Bromofluorobenzene	102	60-132	
Toluene-d8-TPPH	98	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.		Date Received:	09/28/12
8281 Commonwealth Avenue		Work Order No:	12-09-1846
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/kg
Project: 20001 Brookhurst Ave., Huntington Beach, CA			Page 3 of 25

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SWW-Ad6	**12-09-1846-3-A**	**09/28/12 11:04**	**Solid**	**GC/MS UU**	**09/28/12**	**09/29/12 17:05**	**120929L01**

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	120		1		1,1-Dichloropropene	ND	5.0		1	
Benzene	ND	5.0		1		c-1,3-Dichloropropene	ND	5.0		1	
Bromobenzene	ND	5.0		1		t-1,3-Dichloropropene	ND	5.0		1	
Bromochloromethane	ND	5.0		1		Ethylbenzene	ND	5.0		1	
Bromodichloromethane	ND	5.0		1		2-Hexanone	ND	50		1	
Bromoform	ND	5.0		1		Isopropylbenzene	ND	5.0		1	
Bromomethane	ND	25		1		p-Isopropyltoluene	ND	5.0		1	
2-Butanone	ND	50		1		Methylene Chloride	ND	50		1	
n-Butylbenzene	ND	5.0		1		4-Methyl-2-Pentanone	ND	50		1	
sec-Butylbenzene	ND	5.0		1		Naphthalene	ND	50		1	
tert-Butylbenzene	ND	5.0		1		n-Propylbenzene	ND	5.0		1	
Carbon Disulfide	ND	50		1		1,1,1,2-Tetrachloroethane	ND	5.0		1	
Carbon Tetrachloride	ND	5.0		1		1,1,2,2-Tetrachloroethane	ND	5.0		1	
Chlorobenzene	ND	5.0		1		Tetrachloroethene	ND	5.0		1	
Chloroethane	ND	5.0		1		Toluene	ND	5.0		1	
Chloroform	ND	5.0		1		1,2,3-Trichlorobenzene	ND	10		1	
Chloromethane	ND	25		1		1,2,4-Trichlorobenzene	ND	5.0		1	
2-Chlorotoluene	ND	5.0		1		1,1,1-Trichloroethane	ND	5.0		1	
4-Chlorotoluene	ND	5.0		1		1,1,2-Trichloroethane	ND	5.0		1	
Dibromochloromethane	ND	5.0		1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50		1	
1,2-Dibromo-3-Chloropropane	ND	25		1		Trichloroethene	ND	5.0		1	
1,2-Dibromoethane	ND	5.0		1		1,2,3-Trichloropropane	ND	5.0		1	
Dibromomethane	ND	5.0		1		1,2,4-Trimethylbenzene	ND	5.0		1	
1,2-Dichlorobenzene	ND	5.0		1		Trichlorofluoromethane	ND	50		1	
1,3-Dichlorobenzene	ND	5.0		1		1,3,5-Trimethylbenzene	ND	5.0		1	
1,4-Dichlorobenzene	ND	5.0		1		Vinyl Acetate	ND	50		1	
Dichlorodifluoromethane	ND	5.0		1		Vinyl Chloride	ND	5.0		1	
1,1-Dichloroethane	ND	5.0		1		Xylenes (total)	ND	5.0		1	
1,2-Dichloroethane	ND	5.0		1		Methyl-t-Butyl Ether (MTBE)	ND	5.0		1	
1,1-Dichloroethene	ND	5.0		1		Tert-Butyl Alcohol (TBA)	ND	50		1	
c-1,2-Dichloroethene	ND	5.0		1		Diisopropyl Ether (DIPE)	ND	10		1	
t-1,2-Dichloroethene	ND	5.0		1		Ethyl-t-Butyl Ether (ETBE)	ND	10		1	
1,2-Dichloropropane	ND	5.0		1		Tert-Amyl-Methyl Ether (TAME)	ND	10		1	
1,3-Dichloropropane	ND	5.0		1		Ethanol	ND	500		1	
2,2-Dichloropropane	ND	5.0		1		Gasoline Range Organics (C4-C12)	ND	500		1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	97	63-141		1,2-Dichloroethane-d4	97	62-146	
Toluene-d8	96	80-120		1,4-Bromofluorobenzene	93	60-132	
Toluene-d8-TPPH	96	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.		Date Received:	09/28/12
8281 Commonwealth Avenue		Work Order No:	12-09-1846
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/kg
Project: 20001 Brookhurst Ave., Huntington Beach, CA			Page 4 of 25

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SWE-Ad6	**12-09-1846-4-A**	**09/28/12 11:09**	**Solid**	**GC/MS W**	**09/28/12**	**09/29/12 16:42**	**120929L02**

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	25000		200		1,1-Dichloropropene	ND	1000		200	
Benzene	ND	1000		200		c-1,3-Dichloropropene	ND	1000		200	
Bromobenzene	ND	1000		200		t-1,3-Dichloropropene	ND	1000		200	
Bromochloromethane	ND	1000		200		Ethylbenzene	4600	1000		200	
Bromodichloromethane	ND	1000		200		2-Hexanone	ND	10000		200	
Bromoform	ND	1000		200		Isopropylbenzene	ND	1000		200	
Bromomethane	ND	5000		200		p-Isopropyltoluene	ND	1000		200	
2-Butanone	ND	10000		200		Methylene Chloride	ND	10000		200	
n-Butylbenzene	3000	1000		200		4-Methyl-2-Pentanone	ND	10000		200	
sec-Butylbenzene	ND	1000		200		Naphthalene	ND	10000		200	
tert-Butylbenzene	ND	1000		200		n-Propylbenzene	3500	1000		200	
Carbon Disulfide	ND	10000		200		1,1,1,2-Tetrachloroethane	ND	1000		200	
Carbon Tetrachloride	ND	1000		200		1,1,2,2-Tetrachloroethane	ND	1000		200	
Chlorobenzene	ND	1000		200		Tetrachloroethene	ND	1000		200	
Chloroethane	ND	1000		200		Toluene	ND	1000		200	
Chloroform	ND	1000		200		1,2,3-Trichlorobenzene	ND	2000		200	
Chloromethane	ND	5000		200		1,2,4-Trichlorobenzene	ND	1000		200	
2-Chlorotoluene	ND	1000		200		1,1,1-Trichloroethane	ND	1000		200	
4-Chlorotoluene	ND	1000		200		1,1,2-Trichloroethane	ND	1000		200	
Dibromochloromethane	ND	1000		200		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10000		200	
1,2-Dibromo-3-Chloropropane	ND	5000		200		Trichloroethene	ND	1000		200	
1,2-Dibromoethane	ND	1000		200		1,2,3-Trichloropropane	ND	1000		200	
Dibromomethane	ND	1000		200		1,2,4-Trimethylbenzene	26000	1000		200	
1,2-Dichlorobenzene	ND	1000		200		Trichlorofluoromethane	ND	10000		200	
1,3-Dichlorobenzene	ND	1000		200		1,3,5-Trimethylbenzene	8600	1000		200	
1,4-Dichlorobenzene	ND	1000		200		Vinyl Acetate	ND	10000		200	
Dichlorodifluoromethane	ND	1000		200		Vinyl Chloride	ND	1000		200	
1,1-Dichloroethane	ND	1000		200		Xylenes (total)	22000	1000		200	
1,2-Dichloroethane	ND	1000		200		Methyl-t-Butyl Ether (MTBE)	ND	1000		200	
1,1-Dichloroethene	ND	1000		200		Tert-Butyl Alcohol (TBA)	ND	10000		200	
c-1,2-Dichloroethene	ND	1000		200		Diisopropyl Ether (DIPE)	ND	2000		200	
t-1,2-Dichloroethene	ND	1000		200		Ethyl-t-Butyl Ether (ETBE)	ND	2000		200	
1,2-Dichloropropane	ND	1000		200		Tert-Amyl-Methyl Ether (TAME)	ND	2000		200	
1,3-Dichloropropane	ND	1000		200		Ethanol	ND	100000		200	
2,2-Dichloropropane	ND	1000		200		Gasoline Range Organics (C4-C12)	460000	100000		200	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	96	63-141		1,2-Dichloroethane-d4	96	62-146	
Toluene-d8	98	80-120		1,4-Bromofluorobenzene	100	60-132	
Toluene-d8-TPPH	99	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.		Date Received:	09/28/12
8281 Commonwealth Avenue		Work Order No:	12-09-1846
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/kg
Project: 20001 Brookhurst Ave., Huntington Beach, CA			Page 5 of 25

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SWN-Ad6	**12-09-1846-5-A**	**09/28/12 11:14**	**Solid**	**GC/MS W**	**09/28/12**	**09/29/12 16:12**	**120929L01**

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	120		1		1,1-Dichloropropene	ND	5.0		1	
Benzene	ND	5.0		1		c-1,3-Dichloropropene	ND	5.0		1	
Bromobenzene	ND	5.0		1		t-1,3-Dichloropropene	ND	5.0		1	
Bromochloromethane	ND	5.0		1		Ethylbenzene	ND	5.0		1	
Bromodichloromethane	ND	5.0		1		2-Hexanone	ND	50		1	
Bromoform	ND	5.0		1		Isopropylbenzene	ND	5.0		1	
Bromomethane	ND	25		1		p-Isopropyltoluene	ND	5.0		1	
2-Butanone	ND	50		1		Methylene Chloride	ND	50		1	
n-Butylbenzene	ND	5.0		1		4-Methyl-2-Pentanone	ND	50		1	
sec-Butylbenzene	ND	5.0		1		Naphthalene	ND	50		1	
tert-Butylbenzene	ND	5.0		1		n-Propylbenzene	ND	5.0		1	
Carbon Disulfide	ND	50		1		1,1,1,2-Tetrachloroethane	ND	5.0		1	
Carbon Tetrachloride	ND	5.0		1		1,1,2,2-Tetrachloroethane	ND	5.0		1	
Chlorobenzene	ND	5.0		1		Tetrachloroethene	ND	5.0		1	
Chloroethane	ND	5.0		1		Toluene	ND	5.0		1	
Chloroform	ND	5.0		1		1,2,3-Trichlorobenzene	ND	10		1	
Chloromethane	ND	25		1		1,2,4-Trichlorobenzene	ND	5.0		1	
2-Chlorotoluene	ND	5.0		1		1,1,1-Trichloroethane	ND	5.0		1	
4-Chlorotoluene	ND	5.0		1		1,1,2-Trichloroethane	ND	5.0		1	
Dibromochloromethane	ND	5.0		1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50		1	
1,2-Dibromo-3-Chloropropane	ND	25		1		Trichloroethene	ND	5.0		1	
1,2-Dibromoethane	ND	5.0		1		1,2,3-Trichloropropane	ND	5.0		1	
Dibromomethane	ND	5.0		1		1,2,4-Trimethylbenzene	ND	5.0		1	
1,2-Dichlorobenzene	ND	5.0		1		Trichlorofluoromethane	ND	50		1	
1,3-Dichlorobenzene	ND	5.0		1		1,3,5-Trimethylbenzene	ND	5.0		1	
1,4-Dichlorobenzene	ND	5.0		1		Vinyl Acetate	ND	50		1	
Dichlorodifluoromethane	ND	5.0		1		Vinyl Chloride	ND	5.0		1	
1,1-Dichloroethane	ND	5.0		1		Xylenes (total)	ND	5.0		1	
1,2-Dichloroethane	ND	5.0		1		Methyl-t-Butyl Ether (MTBE)	ND	5.0		1	
1,1-Dichloroethene	ND	5.0		1		Tert-Butyl Alcohol (TBA)	58	50		1	
c-1,2-Dichloroethene	ND	5.0		1		Diisopropyl Ether (DIPE)	ND	10		1	
t-1,2-Dichloroethene	ND	5.0		1		Ethyl-t-Butyl Ether (ETBE)	ND	10		1	
1,2-Dichloropropane	ND	5.0		1		Tert-Amyl-Methyl Ether (TAME)	ND	10		1	
1,3-Dichloropropane	ND	5.0		1		Ethanol	ND	500		1	
2,2-Dichloropropane	ND	5.0		1		Gasoline Range Organics (C4-C12)	2600	500		1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	105	63-141		1,2-Dichloroethane-d4	106	62-146	
Toluene-d8	99	80-120		1,4-Bromofluorobenzene	94	60-132	
Toluene-d8-TPPH	98	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.		Date Received:	09/28/12
8281 Commonwealth Avenue		Work Order No:	12-09-1846
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/kg
Project: 20001 Brookhurst Ave., Huntington Beach, CA			Page 6 of 25

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
EX-Cd12	**12-09-1846-6-A**	**09/28/12 11:30**	**Solid**	**GC/MS W**	**09/28/12**	**09/29/12 17:11**	**120929L02**

Comment(s): -Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	62000	3100	500		1,1-Dichloropropene	ND	2500	160	500	
Benzene	230	2500	65	500	J	c-1,3-Dichloropropene	ND	2500	130	500	
Bromobenzene	ND	2500	100	500		t-1,3-Dichloropropene	ND	2500	300	500	
Bromochloromethane	ND	2500	350	500		Ethylbenzene	8700	2500	76	500	
Bromodichloromethane	ND	2500	120	500		2-Hexanone	ND	25000	880	500	
Bromoform	ND	2500	400	500		Isopropylbenzene	2500	2500	270	500	J
Bromomethane	ND	12000	4700	500		p-Isopropyltoluene	ND	2500	310	500	
2-Butanone	ND	25000	1900	500		Methylene Chloride	ND	25000	670	500	
n-Butylbenzene	3000	2500	78	500		4-Methyl-2-Pentanone	ND	25000	2200	500	
sec-Butylbenzene	1000	2500	290	500	J	Naphthalene	5000	25000	410	500	J
tert-Butylbenzene	ND	2500	75	500		n-Propylbenzene	9800	2500	250	500	
Carbon Disulfide	ND	25000	150	500		1,1,1,2-Tetrachloroethane	ND	2500	120	500	
Carbon Tetrachloride	ND	2500	140	500		1,1,2,2-Tetrachloroethane	ND	2500	170	500	
Chlorobenzene	ND	2500	110	500		Tetrachloroethene	ND	2500	100	500	
Chloroethane	ND	2500	750	500		Toluene	590	2500	260	500	J
Chloroform	ND	2500	120	500		1,2,3-Trichlorobenzene	ND	5000	460	500	
Chloromethane	ND	12000	150	500		1,2,4-Trichlorobenzene	ND	2500	160	500	
2-Chlorotoluene	ND	2500	120	500		1,1,1-Trichloroethane	ND	2500	110	500	
4-Chlorotoluene	ND	2500	110	500		1,1,2-Trichloroethane	ND	2500	180	500	
Dibromochloromethane	ND	2500	290	500		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	25000	180	500	
1,2-Dibromo-3-Chloropropane	ND	12000	870	500		Trichloroethene	ND	2500	150	500	
1,2-Dibromoethane	ND	2500	130	500		1,2,3-Trichloropropane	ND	2500	420	500	
Dibromomethane	ND	2500	390	500		1,2,4-Trimethylbenzene	3200	2500	290	500	
1,2-Dichlorobenzene	ND	2500	110	500		Trichlorofluoromethane	ND	25000	190	500	
1,3-Dichlorobenzene	ND	2500	88	500		1,3,5-Trimethylbenzene	3000	2500	270	500	
1,4-Dichlorobenzene	ND	2500	110	500		Vinyl Acetate	ND	25000	2400	500	
Dichlorodifluoromethane	ND	2500	220	500		Vinyl Chloride	ND	2500	250	500	
1,1-Dichloroethane	ND	2500	110	500		Xylenes (total)	4400	2500	280	500	
1,2-Dichloroethane	ND	2500	160	500		Methyl-t-Butyl Ether (MTBE)	ND	2500	150	500	
1,1-Dichloroethene	ND	2500	170	500		Tert-Butyl Alcohol (TBA)	ND	25000	2600	500	
c-1,2-Dichloroethene	ND	2500	140	500		Diisopropyl Ether (DIPE)	ND	5000	240	500	
t-1,2-Dichloroethene	ND	2500	250	500		Ethyl-t-Butyl Ether (ETBE)	ND	5000	250	500	
1,2-Dichloropropane	ND	2500	220	500		Tert-Amyl-Methyl Ether (TAME)	ND	5000	180	500	
1,3-Dichloropropane	ND	2500	130	500		Ethanol	ND	250000	42000	500	
2,2-Dichloropropane	ND	2500	170	500		Gasoline Range Organics (C4-C12)	900000	250000	120	500	B

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	98	63-141		1,2-Dichloroethane-d4	96	62-146	
Toluene-d8	101	80-120		1,4-Bromofluorobenzene	99	60-132	
Toluene-d8-TPPH	99	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.		Date Received:	09/28/12
8281 Commonwealth Avenue		Work Order No:	12-09-1846
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/kg
Project: 20001 Brookhurst Ave., Huntington Beach, CA			Page 7 of 25

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SWW-Dd8	**12-09-1846-7-A**	**09/28/12 11:33**	**Solid**	**GC/MS UU**	**09/28/12**	**09/29/12 14:03**	**120929L02**

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	12000		100		1,1-Dichloropropene	ND	500		100	
Benzene	ND	500		100		c-1,3-Dichloropropene	ND	500		100	
Bromobenzene	ND	500		100		t-1,3-Dichloropropene	ND	500		100	
Bromochloromethane	ND	500		100		Ethylbenzene	530	500		100	
Bromodichloromethane	ND	500		100		2-Hexanone	ND	5000		100	
Bromoform	ND	500		100		Isopropylbenzene	ND	500		100	
Bromomethane	ND	2500		100		p-Isopropyltoluene	ND	500		100	
2-Butanone	ND	5000		100		Methylene Chloride	ND	5000		100	
n-Butylbenzene	710	500		100		4-Methyl-2-Pentanone	ND	5000		100	
sec-Butylbenzene	ND	500		100		Naphthalene	ND	5000		100	
tert-Butylbenzene	ND	500		100		n-Propylbenzene	ND	500		100	
Carbon Disulfide	ND	5000		100		1,1,1,2-Tetrachloroethane	ND	500		100	
Carbon Tetrachloride	ND	500		100		1,1,2,2-Tetrachloroethane	ND	500		100	
Chlorobenzene	ND	500		100		Tetrachloroethene	ND	500		100	
Chloroethane	ND	500		100		Toluene	ND	500		100	
Chloroform	ND	500		100		1,2,3-Trichlorobenzene	ND	1000		100	
Chloromethane	ND	2500		100		1,2,4-Trichlorobenzene	ND	500		100	
2-Chlorotoluene	ND	500		100		1,1,1-Trichloroethane	ND	500		100	
4-Chlorotoluene	ND	500		100		1,1,2-Trichloroethane	ND	500		100	
Dibromochloromethane	ND	500		100		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	5000		100	
1,2-Dibromo-3-Chloropropane	ND	2500		100		Trichloroethene	ND	500		100	
1,2-Dibromoethane	ND	500		100		1,2,3-Trichloropropane	ND	500		100	
Dibromomethane	ND	500		100		1,2,4-Trimethylbenzene	2500	500		100	
1,2-Dichlorobenzene	ND	500		100		Trichlorofluoromethane	ND	5000		100	
1,3-Dichlorobenzene	ND	500		100		1,3,5-Trimethylbenzene	ND	500		100	
1,4-Dichlorobenzene	ND	500		100		Vinyl Acetate	ND	5000		100	
Dichlorodifluoromethane	ND	500		100		Vinyl Chloride	ND	500		100	
1,1-Dichloroethane	ND	500		100		Xylenes (total)	ND	500		100	
1,2-Dichloroethane	ND	500		100		Methyl-t-Butyl Ether (MTBE)	ND	500		100	
1,1-Dichloroethene	ND	500		100		Tert-Butyl Alcohol (TBA)	ND	5000		100	
c-1,2-Dichloroethene	ND	500		100		Diisopropyl Ether (DIPE)	ND	1000		100	
t-1,2-Dichloroethene	ND	500		100		Ethyl-t-Butyl Ether (ETBE)	ND	1000		100	
1,2-Dichloropropane	ND	500		100		Tert-Amyl-Methyl Ether (TAME)	ND	1000		100	
1,3-Dichloropropane	ND	500		100		Ethanol	ND	50000		100	
2,2-Dichloropropane	ND	500		100		Gasoline Range Organics (C4-C12)	130000	50000		100	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	100	63-141		1,2-Dichloroethane-d4	99	62-146	
Toluene-d8	101	80-120		1,4-Bromofluorobenzene	98	60-132	
Toluene-d8-TPPH	102	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.		Date Received:	09/28/12
8281 Commonwealth Avenue		Work Order No:	12-09-1846
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/kg
Project: 20001 Brookhurst Ave., Huntington Beach, CA			Page 8 of 25

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SWN-Cd8	**12-09-1846-8-A**	**09/28/12 11:35**	**Solid**	**GC/MS UU**	**09/28/12**	**09/29/12 16:39**	**120929L01**

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	120		1		1,1-Dichloropropene	ND	5.0		1	
Benzene	ND	5.0		1		c-1,3-Dichloropropene	ND	5.0		1	
Bromobenzene	ND	5.0		1		t-1,3-Dichloropropene	ND	5.0		1	
Bromochloromethane	ND	5.0		1		Ethylbenzene	ND	5.0		1	
Bromodichloromethane	ND	5.0		1		2-Hexanone	ND	50		1	
Bromoform	ND	5.0		1		Isopropylbenzene	ND	5.0		1	
Bromomethane	ND	25		1		p-Isopropyltoluene	ND	5.0		1	
2-Butanone	ND	50		1		Methylene Chloride	ND	50		1	
n-Butylbenzene	ND	5.0		1		4-Methyl-2-Pentanone	ND	50		1	
sec-Butylbenzene	ND	5.0		1		Naphthalene	ND	50		1	
tert-Butylbenzene	ND	5.0		1		n-Propylbenzene	ND	5.0		1	
Carbon Disulfide	ND	50		1		1,1,1,2-Tetrachloroethane	ND	5.0		1	
Carbon Tetrachloride	ND	5.0		1		1,1,2,2-Tetrachloroethane	ND	5.0		1	
Chlorobenzene	ND	5.0		1		Tetrachloroethene	ND	5.0		1	
Chloroethane	ND	5.0		1		Toluene	ND	5.0		1	
Chloroform	ND	5.0		1		1,2,3-Trichlorobenzene	ND	10		1	
Chloromethane	ND	25		1		1,2,4-Trichlorobenzene	ND	5.0		1	
2-Chlorotoluene	ND	5.0		1		1,1,1-Trichloroethane	ND	5.0		1	
4-Chlorotoluene	ND	5.0		1		1,1,2-Trichloroethane	ND	5.0		1	
Dibromochloromethane	ND	5.0		1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50		1	
1,2-Dibromo-3-Chloropropane	ND	25		1		Trichloroethene	ND	5.0		1	
1,2-Dibromoethane	ND	5.0		1		1,2,3-Trichloropropane	ND	5.0		1	
Dibromomethane	ND	5.0		1		1,2,4-Trimethylbenzene	ND	5.0		1	
1,2-Dichlorobenzene	ND	5.0		1		Trichlorofluoromethane	ND	50		1	
1,3-Dichlorobenzene	ND	5.0		1		1,3,5-Trimethylbenzene	ND	5.0		1	
1,4-Dichlorobenzene	ND	5.0		1		Vinyl Acetate	ND	50		1	
Dichlorodifluoromethane	ND	5.0		1		Vinyl Chloride	ND	5.0		1	
1,1-Dichloroethane	ND	5.0		1		Xylenes (total)	6.8	5.0		1	
1,2-Dichloroethane	ND	5.0		1		Methyl-t-Butyl Ether (MTBE)	ND	5.0		1	
1,1-Dichloroethene	ND	5.0		1		Tert-Butyl Alcohol (TBA)	ND	50		1	
c-1,2-Dichloroethene	ND	5.0		1		Diisopropyl Ether (DIPE)	ND	10		1	
t-1,2-Dichloroethene	ND	5.0		1		Ethyl-t-Butyl Ether (ETBE)	ND	10		1	
1,2-Dichloropropane	ND	5.0		1		Tert-Amyl-Methyl Ether (TAME)	ND	10		1	
1,3-Dichloropropane	ND	5.0		1		Ethanol	ND	500		1	
2,2-Dichloropropane	ND	5.0		1		Gasoline Range Organics (C4-C12)	2400	500		1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	91	63-141		1,2-Dichloroethane-d4	89	62-146	
Toluene-d8	101	80-120		1,4-Bromofluorobenzene	94	60-132	
Toluene-d8-TPPH	102	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.		Date Received:	09/28/12
8281 Commonwealth Avenue		Work Order No:	12-09-1846
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/kg
Project: 20001 Brookhurst Ave., Huntington Beach, CA			Page 9 of 25

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SWW-Cd8	**12-09-1846-9-A**	**09/28/12 11:31**	**Solid**	**GC/MS UU**	**09/28/12**	**09/29/12 17:32**	**120929L01**

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	120		1		1,1-Dichloropropene	ND	5.0		1	
Benzene	ND	5.0		1		c-1,3-Dichloropropene	ND	5.0		1	
Bromobenzene	ND	5.0		1		t-1,3-Dichloropropene	ND	5.0		1	
Bromochloromethane	ND	5.0		1		Ethylbenzene	ND	5.0		1	
Bromodichloromethane	ND	5.0		1		2-Hexanone	ND	50		1	
Bromoform	ND	5.0		1		Isopropylbenzene	ND	5.0		1	
Bromomethane	ND	25		1		p-Isopropyltoluene	ND	5.0		1	
2-Butanone	ND	50		1		Methylene Chloride	ND	50		1	
n-Butylbenzene	ND	5.0		1		4-Methyl-2-Pentanone	ND	50		1	
sec-Butylbenzene	ND	5.0		1		Naphthalene	ND	50		1	
tert-Butylbenzene	ND	5.0		1		n-Propylbenzene	ND	5.0		1	
Carbon Disulfide	ND	50		1		1,1,1,2-Tetrachloroethane	ND	5.0		1	
Carbon Tetrachloride	ND	5.0		1		1,1,2,2-Tetrachloroethane	ND	5.0		1	
Chlorobenzene	ND	5.0		1		Tetrachloroethene	ND	5.0		1	
Chloroethane	ND	5.0		1		Toluene	ND	5.0		1	
Chloroform	ND	5.0		1		1,2,3-Trichlorobenzene	ND	10		1	
Chloromethane	ND	25		1		1,2,4-Trichlorobenzene	ND	5.0		1	
2-Chlorotoluene	ND	5.0		1		1,1,1-Trichloroethane	ND	5.0		1	
4-Chlorotoluene	ND	5.0		1		1,1,2-Trichloroethane	ND	5.0		1	
Dibromochloromethane	ND	5.0		1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50		1	
1,2-Dibromo-3-Chloropropane	ND	25		1		Trichloroethene	ND	5.0		1	
1,2-Dibromoethane	ND	5.0		1		1,2,3-Trichloropropane	ND	5.0		1	
Dibromomethane	ND	5.0		1		1,2,4-Trimethylbenzene	ND	5.0		1	
1,2-Dichlorobenzene	ND	5.0		1		Trichlorofluoromethane	ND	50		1	
1,3-Dichlorobenzene	ND	5.0		1		1,3,5-Trimethylbenzene	ND	5.0		1	
1,4-Dichlorobenzene	ND	5.0		1		Vinyl Acetate	ND	50		1	
Dichlorodifluoromethane	ND	5.0		1		Vinyl Chloride	ND	5.0		1	
1,1-Dichloroethane	ND	5.0		1		Xylenes (total)	ND	5.0		1	
1,2-Dichloroethane	ND	5.0		1		Methyl-t-Butyl Ether (MTBE)	ND	5.0		1	
1,1-Dichloroethene	ND	5.0		1		Tert-Butyl Alcohol (TBA)	ND	50		1	
c-1,2-Dichloroethene	ND	5.0		1		Diisopropyl Ether (DIPE)	ND	10		1	
t-1,2-Dichloroethene	ND	5.0		1		Ethyl-t-Butyl Ether (ETBE)	ND	10		1	
1,2-Dichloropropane	ND	5.0		1		Tert-Amyl-Methyl Ether (TAME)	ND	10		1	
1,3-Dichloropropane	ND	5.0		1		Ethanol	ND	500		1	
2,2-Dichloropropane	ND	5.0		1		Gasoline Range Organics (C4-C12)	ND	500		1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	97	63-141		1,2-Dichloroethane-d4	95	62-146	
Toluene-d8	99	80-120		1,4-Bromofluorobenzene	90	60-132	
Toluene-d8-TPPH	100	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.		Date Received:	09/28/12
8281 Commonwealth Avenue		Work Order No:	12-09-1846
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/kg
Project: 20001 Brookhurst Ave., Huntington Beach, CA			Page 10 of 25

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SWE-Cd8	**12-09-1846-10-A**	**09/28/12 11:39**	**Solid**	**GC/MS UU**	**09/28/12**	**09/29/12 17:58**	**120929L01**

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	120		1		1,1-Dichloropropene	ND	5.0		1	
Benzene	ND	5.0		1		c-1,3-Dichloropropene	ND	5.0		1	
Bromobenzene	ND	5.0		1		t-1,3-Dichloropropene	ND	5.0		1	
Bromochloromethane	ND	5.0		1		Ethylbenzene	ND	5.0		1	
Bromodichloromethane	ND	5.0		1		2-Hexanone	ND	50		1	
Bromoform	ND	5.0		1		Isopropylbenzene	ND	5.0		1	
Bromomethane	ND	25		1		p-Isopropyltoluene	ND	5.0		1	
2-Butanone	ND	50		1		Methylene Chloride	ND	50		1	
n-Butylbenzene	ND	5.0		1		4-Methyl-2-Pentanone	ND	50		1	
sec-Butylbenzene	ND	5.0		1		Naphthalene	ND	50		1	
tert-Butylbenzene	ND	5.0		1		n-Propylbenzene	ND	5.0		1	
Carbon Disulfide	ND	50		1		1,1,1,2-Tetrachloroethane	ND	5.0		1	
Carbon Tetrachloride	ND	5.0		1		1,1,2,2-Tetrachloroethane	ND	5.0		1	
Chlorobenzene	ND	5.0		1		Tetrachloroethene	ND	5.0		1	
Chloroethane	ND	5.0		1		Toluene	ND	5.0		1	
Chloroform	ND	5.0		1		1,2,3-Trichlorobenzene	ND	10		1	
Chloromethane	ND	25		1		1,2,4-Trichlorobenzene	ND	5.0		1	
2-Chlorotoluene	ND	5.0		1		1,1,1-Trichloroethane	ND	5.0		1	
4-Chlorotoluene	ND	5.0		1		1,1,2-Trichloroethane	ND	5.0		1	
Dibromochloromethane	ND	5.0		1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50		1	
1,2-Dibromo-3-Chloropropane	ND	25		1		Trichloroethene	ND	5.0		1	
1,2-Dibromoethane	ND	5.0		1		1,2,3-Trichloropropane	ND	5.0		1	
Dibromomethane	ND	5.0		1		1,2,4-Trimethylbenzene	ND	5.0		1	
1,2-Dichlorobenzene	ND	5.0		1		Trichlorofluoromethane	ND	50		1	
1,3-Dichlorobenzene	ND	5.0		1		1,3,5-Trimethylbenzene	ND	5.0		1	
1,4-Dichlorobenzene	ND	5.0		1		Vinyl Acetate	ND	50		1	
Dichlorodifluoromethane	ND	5.0		1		Vinyl Chloride	ND	5.0		1	
1,1-Dichloroethane	ND	5.0		1		Xylenes (total)	ND	5.0		1	
1,2-Dichloroethane	ND	5.0		1		Methyl-t-Butyl Ether (MTBE)	ND	5.0		1	
1,1-Dichloroethene	ND	5.0		1		Tert-Butyl Alcohol (TBA)	ND	50		1	
c-1,2-Dichloroethene	ND	5.0		1		Diisopropyl Ether (DIPE)	ND	10		1	
t-1,2-Dichloroethene	ND	5.0		1		Ethyl-t-Butyl Ether (ETBE)	ND	10		1	
1,2-Dichloropropane	ND	5.0		1		Tert-Amyl-Methyl Ether (TAME)	ND	10		1	
1,3-Dichloropropane	ND	5.0		1		Ethanol	ND	500		1	
2,2-Dichloropropane	ND	5.0		1		Gasoline Range Organics (C4-C12)	2300	500		1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	94	63-141		1,2-Dichloroethane-d4	95	62-146	
Toluene-d8	101	80-120		1,4-Bromofluorobenzene	92	60-132	
Toluene-d8-TPPH	102	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received:	09/28/12
Work Order No:	12-09-1846
Preparation:	EPA 5030C
Method:	LUFT GC/MS / EPA 8260B
Units:	ug/kg

Project: 20001 Brookhurst Ave., Huntington Beach, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SWE-Dd8	**12-09-1846-11-A**	**09/28/12 11:50**	**Solid**	**GC/MS UU**	**09/28/12**	**09/29/12 18:24**	**120929L01**

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	120		1		1,1-Dichloropropene	ND	5.0		1	
Benzene	9.2	5.0		1		c-1,3-Dichloropropene	ND	5.0		1	
Bromobenzene	ND	5.0		1		t-1,3-Dichloropropene	ND	5.0		1	
Bromochloromethane	ND	5.0		1		Ethylbenzene	ND	5.0		1	
Bromodichloromethane	ND	5.0		1		2-Hexanone	ND	50		1	
Bromoform	ND	5.0		1		Isopropylbenzene	ND	5.0		1	
Bromomethane	ND	25		1		p-Isopropyltoluene	ND	5.0		1	
2-Butanone	ND	50		1		Methylene Chloride	ND	50		1	
n-Butylbenzene	ND	5.0		1		4-Methyl-2-Pentanone	ND	50		1	
sec-Butylbenzene	ND	5.0		1		Naphthalene	ND	50		1	
tert-Butylbenzene	ND	5.0		1		n-Propylbenzene	ND	5.0		1	
Carbon Disulfide	ND	50		1		1,1,1,2-Tetrachloroethane	ND	5.0		1	
Carbon Tetrachloride	ND	5.0		1		1,1,2,2-Tetrachloroethane	ND	5.0		1	
Chlorobenzene	ND	5.0		1		Tetrachloroethene	ND	5.0		1	
Chloroethane	ND	5.0		1		Toluene	ND	5.0		1	
Chloroform	ND	5.0		1		1,2,3-Trichlorobenzene	ND	10		1	
Chloromethane	ND	25		1		1,2,4-Trichlorobenzene	ND	5.0		1	
2-Chlorotoluene	ND	5.0		1		1,1,1-Trichloroethane	ND	5.0		1	
4-Chlorotoluene	ND	5.0		1		1,1,2-Trichloroethane	ND	5.0		1	
Dibromochloromethane	ND	5.0		1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50		1	
1,2-Dibromo-3-Chloropropane	ND	25		1		Trichloroethene	ND	5.0		1	
1,2-Dibromoethane	ND	5.0		1		1,2,3-Trichloropropane	ND	5.0		1	
Dibromomethane	ND	5.0		1		1,2,4-Trimethylbenzene	ND	5.0		1	
1,2-Dichlorobenzene	ND	5.0		1		Trichlorofluoromethane	ND	50		1	
1,3-Dichlorobenzene	ND	5.0		1		1,3,5-Trimethylbenzene	ND	5.0		1	
1,4-Dichlorobenzene	ND	5.0		1		Vinyl Acetate	ND	50		1	
Dichlorodifluoromethane	ND	5.0		1		Vinyl Chloride	ND	5.0		1	
1,1-Dichloroethane	ND	5.0		1		Xylenes (total)	ND	5.0		1	
1,2-Dichloroethane	ND	5.0		1		Methyl-t-Butyl Ether (MTBE)	ND	5.0		1	
1,1-Dichloroethene	ND	5.0		1		Tert-Butyl Alcohol (TBA)	ND	50		1	
c-1,2-Dichloroethene	ND	5.0		1		Diisopropyl Ether (DIPE)	ND	10		1	
t-1,2-Dichloroethene	ND	5.0		1		Ethyl-t-Butyl Ether (ETBE)	ND	10		1	
1,2-Dichloropropane	ND	5.0		1		Tert-Amyl-Methyl Ether (TAME)	ND	10		1	
1,3-Dichloropropane	ND	5.0		1		Ethanol	ND	500		1	
2,2-Dichloropropane	ND	5.0		1		Gasoline Range Organics (C4-C12)	1100	500		1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	96	63-141		1,2-Dichloroethane-d4	94	62-146	
Toluene-d8	99	80-120		1,4-Bromofluorobenzene	92	60-132	
Toluene-d8-TPPH	100	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received:	09/28/12
Work Order No:	12-09-1846
Preparation:	EPA 5030C
Method:	LUFT GC/MS / EPA 8260B
Units:	ug/kg

Project: 20001 Brookhurst Ave., Huntington Beach, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
EX-Dd12	**12-09-1846-12-A**	**09/28/12 11:44**	**Solid**	**GC/MS UU**	**09/28/12**	**09/29/12 15:47**	**120929L02**

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	62000		500		1,1-Dichloropropene	ND	2500		500	
Benzene	ND	2500		500		c-1,3-Dichloropropene	ND	2500		500	
Bromobenzene	ND	2500		500		t-1,3-Dichloropropene	ND	2500		500	
Bromochloromethane	ND	2500		500		Ethylbenzene	19000	2500		500	
Bromodichloromethane	ND	2500		500		2-Hexanone	ND	25000		500	
Bromoform	ND	2500		500		Isopropylbenzene	ND	2500		500	
Bromomethane	ND	12000		500		p-Isopropyltoluene	ND	2500		500	
2-Butanone	ND	25000		500		Methylene Chloride	ND	25000		500	
n-Butylbenzene	2900	2500		500		4-Methyl-2-Pentanone	ND	25000		500	
sec-Butylbenzene	ND	2500		500		Naphthalene	ND	25000		500	
tert-Butylbenzene	ND	2500		500		n-Propylbenzene	5500	2500		500	
Carbon Disulfide	ND	25000		500		1,1,1,2-Tetrachloroethane	ND	2500		500	
Carbon Tetrachloride	ND	2500		500		1,1,2,2-Tetrachloroethane	ND	2500		500	
Chlorobenzene	ND	2500		500		Tetrachloroethene	ND	2500		500	
Chloroethane	ND	2500		500		Toluene	47000	2500		500	
Chloroform	ND	2500		500		1,2,3-Trichlorobenzene	ND	5000		500	
Chloromethane	ND	12000		500		1,2,4-Trichlorobenzene	ND	2500		500	
2-Chlorotoluene	ND	2500		500		1,1,1-Trichloroethane	ND	2500		500	
4-Chlorotoluene	ND	2500		500		1,1,2-Trichloroethane	ND	2500		500	
Dibromochloromethane	ND	2500		500		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	25000		500	
1,2-Dibromo-3-Chloropropane	ND	12000		500		Trichloroethene	ND	2500		500	
1,2-Dibromoethane	ND	2500		500		1,2,3-Trichloropropane	ND	2500		500	
Dibromomethane	ND	2500		500		1,2,4-Trimethylbenzene	44000	2500		500	
1,2-Dichlorobenzene	ND	2500		500		Trichlorofluoromethane	ND	25000		500	
1,3-Dichlorobenzene	ND	2500		500		1,3,5-Trimethylbenzene	12000	2500		500	
1,4-Dichlorobenzene	ND	2500		500		Vinyl Acetate	ND	25000		500	
Dichlorodifluoromethane	ND	2500		500		Vinyl Chloride	ND	2500		500	
1,1-Dichloroethane	ND	2500		500		Xylenes (total)	110000	2500		500	
1,2-Dichloroethane	ND	2500		500		Methyl-t-Butyl Ether (MTBE)	ND	2500		500	
1,1-Dichloroethene	ND	2500		500		Tert-Butyl Alcohol (TBA)	ND	25000		500	
c-1,2-Dichloroethene	ND	2500		500		Diisopropyl Ether (DIPE)	ND	5000		500	
t-1,2-Dichloroethene	ND	2500		500		Ethyl-t-Butyl Ether (ETBE)	ND	5000		500	
1,2-Dichloropropane	ND	2500		500		Tert-Amyl-Methyl Ether (TAME)	ND	5000		500	
1,3-Dichloropropane	ND	2500		500		Ethanol	ND	250000		500	
2,2-Dichloropropane	ND	2500		500		Gasoline Range Organics (C4-C12)	1200000	250000		500	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	89	63-141		1,2-Dichloroethane-d4	92	62-146	
Toluene-d8	99	80-120		1,4-Bromofluorobenzene	96	60-132	
Toluene-d8-TPPH	100	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.		Date Received:	09/28/12
8281 Commonwealth Avenue		Work Order No:	12-09-1846
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/kg
Project: 20001 Brookhurst Ave., Huntington Beach, CA			Page 13 of 25

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SWW-Dd8	**12-09-1846-13-A**	**09/28/12 11:45**	**Solid**	**GC/MS UU**	**09/28/12**	**09/29/12 16:13**	**120929L02**

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	12000		100		1,1-Dichloropropene	ND	500		100	
Benzene	ND	500		100		c-1,3-Dichloropropene	ND	500		100	
Bromobenzene	ND	500		100		t-1,3-Dichloropropene	ND	500		100	
Bromochloromethane	ND	500		100		Ethylbenzene	ND	500		100	
Bromodichloromethane	ND	500		100		2-Hexanone	ND	5000		100	
Bromoform	ND	500		100		Isopropylbenzene	ND	500		100	
Bromomethane	ND	2500		100		p-Isopropyltoluene	ND	500		100	
2-Butanone	ND	5000		100		Methylene Chloride	ND	5000		100	
n-Butylbenzene	ND	500		100		4-Methyl-2-Pentanone	ND	5000		100	
sec-Butylbenzene	ND	500		100		Naphthalene	ND	5000		100	
tert-Butylbenzene	ND	500		100		n-Propylbenzene	ND	500		100	
Carbon Disulfide	ND	5000		100		1,1,1,2-Tetrachloroethane	ND	500		100	
Carbon Tetrachloride	ND	500		100		1,1,2,2-Tetrachloroethane	ND	500		100	
Chlorobenzene	ND	500		100		Tetrachloroethene	ND	500		100	
Chloroethane	ND	500		100		Toluene	ND	500		100	
Chloroform	ND	500		100		1,2,3-Trichlorobenzene	ND	1000		100	
Chloromethane	ND	2500		100		1,2,4-Trichlorobenzene	ND	500		100	
2-Chlorotoluene	ND	500		100		1,1,1-Trichloroethane	ND	500		100	
4-Chlorotoluene	ND	500		100		1,1,2-Trichloroethane	ND	500		100	
Dibromochloromethane	ND	500		100		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	5000		100	
1,2-Dibromo-3-Chloropropane	ND	2500		100		Trichloroethene	ND	500		100	
1,2-Dibromoethane	ND	500		100		1,2,3-Trichloropropane	ND	500		100	
Dibromomethane	ND	500		100		1,2,4-Trimethylbenzene	2500	500		100	
1,2-Dichlorobenzene	ND	500		100		Trichlorofluoromethane	ND	5000		100	
1,3-Dichlorobenzene	ND	500		100		1,3,5-Trimethylbenzene	780	500		100	
1,4-Dichlorobenzene	ND	500		100		Vinyl Acetate	ND	5000		100	
Dichlorodifluoromethane	ND	500		100		Vinyl Chloride	ND	500		100	
1,1-Dichloroethane	ND	500		100		Xylenes (total)	610	500		100	
1,2-Dichloroethane	ND	500		100		Methyl-t-Butyl Ether (MTBE)	ND	500		100	
1,1-Dichloroethene	ND	500		100		Tert-Butyl Alcohol (TBA)	ND	5000		100	
c-1,2-Dichloroethene	ND	500		100		Diisopropyl Ether (DIPE)	ND	1000		100	
t-1,2-Dichloroethene	ND	500		100		Ethyl-t-Butyl Ether (ETBE)	ND	1000		100	
1,2-Dichloropropane	ND	500		100		Tert-Amyl-Methyl Ether (TAME)	ND	1000		100	
1,3-Dichloropropane	ND	500		100		Ethanol	ND	50000		100	
2,2-Dichloropropane	ND	500		100		Gasoline Range Organics (C4-C12)	ND	50000		100	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	98	63-141		1,2-Dichloroethane-d4	96	62-146	
Toluene-d8	96	80-120		1,4-Bromofluorobenzene	93	60-132	
Toluene-d8-TPPH	96	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.		Date Received:	09/28/12
8281 Commonwealth Avenue		Work Order No:	12-09-1846
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/kg
Project: 20001 Brookhurst Ave., Huntington Beach, CA			Page 14 of 25

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SWS-Dd8	**12-09-1846-14-A**	**09/28/12 11:46**	**Solid**	**GC/MS RR**	**09/28/12**	**09/29/12 16:06**	**120929L01**

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	120		1		1,1-Dichloropropene	ND	5.0		1	
Benzene	ND	5.0		1		c-1,3-Dichloropropene	ND	5.0		1	
Bromobenzene	ND	5.0		1		t-1,3-Dichloropropene	ND	5.0		1	
Bromochloromethane	ND	5.0		1		Ethylbenzene	ND	5.0		1	
Bromodichloromethane	ND	5.0		1		2-Hexanone	ND	50		1	
Bromoform	ND	5.0		1		Isopropylbenzene	ND	5.0		1	
Bromomethane	ND	25		1		p-Isopropyltoluene	ND	5.0		1	
2-Butanone	ND	50		1		Methylene Chloride	ND	50		1	
n-Butylbenzene	5.5	5.0		1		4-Methyl-2-Pentanone	ND	50		1	
sec-Butylbenzene	ND	5.0		1		Naphthalene	ND	50		1	
tert-Butylbenzene	ND	5.0		1		n-Propylbenzene	ND	5.0		1	
Carbon Disulfide	ND	50		1		1,1,1,2-Tetrachloroethane	ND	5.0		1	
Carbon Tetrachloride	ND	5.0		1		1,1,2,2-Tetrachloroethane	ND	5.0		1	
Chlorobenzene	ND	5.0		1		Tetrachloroethene	ND	5.0		1	
Chloroethane	ND	5.0		1		Toluene	ND	5.0		1	
Chloroform	ND	5.0		1		1,2,3-Trichlorobenzene	ND	10		1	
Chloromethane	ND	25		1		1,2,4-Trichlorobenzene	ND	5.0		1	
2-Chlorotoluene	ND	5.0		1		1,1,1-Trichloroethane	ND	5.0		1	
4-Chlorotoluene	ND	5.0		1		1,1,2-Trichloroethane	ND	5.0		1	
Dibromochloromethane	ND	5.0		1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50		1	
1,2-Dibromo-3-Chloropropane	ND	25		1		Trichloroethene	ND	5.0		1	
1,2-Dibromoethane	ND	5.0		1		1,2,3-Trichloropropane	ND	5.0		1	
Dibromomethane	ND	5.0		1		1,2,4-Trimethylbenzene	120	5.0		1	
1,2-Dichlorobenzene	ND	5.0		1		Trichlorofluoromethane	ND	50		1	
1,3-Dichlorobenzene	ND	5.0		1		1,3,5-Trimethylbenzene	34	5.0		1	
1,4-Dichlorobenzene	ND	5.0		1		Vinyl Acetate	ND	50		1	
Dichlorodifluoromethane	ND	5.0		1		Vinyl Chloride	ND	5.0		1	
1,1-Dichloroethane	ND	5.0		1		Xylenes (total)	25	5.0		1	
1,2-Dichloroethane	ND	5.0		1		Methyl-t-Butyl Ether (MTBE)	ND	5.0		1	
1,1-Dichloroethene	ND	5.0		1		Tert-Butyl Alcohol (TBA)	ND	50		1	
c-1,2-Dichloroethene	ND	5.0		1		Diisopropyl Ether (DIPE)	ND	10		1	
t-1,2-Dichloroethene	ND	5.0		1		Ethyl-t-Butyl Ether (ETBE)	ND	10		1	
1,2-Dichloropropane	ND	5.0		1		Tert-Amyl-Methyl Ether (TAME)	ND	10		1	
1,3-Dichloropropane	ND	5.0		1		Ethanol	ND	500		1	
2,2-Dichloropropane	ND	5.0		1		Gasoline Range Organics (C4-C12)	1500	500		1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	103	63-141		1,2-Dichloroethane-d4	105	62-146	
Toluene-d8	104	80-120		1,4-Bromofluorobenzene	106	60-132	
Toluene-d8-TPPH	103	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.		Date Received:	09/28/12
8281 Commonwealth Avenue		Work Order No:	12-09-1846
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/kg
Project: 20001 Brookhurst Ave., Huntington Beach, CA			Page 15 of 25

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Ex-Ed12	**12-09-1846-15-A**	**09/28/12 11:59**	**Solid**	**GC/MS RR**	**09/28/12**	**09/29/12 16:33**	**120929L02**

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	12000		100		1,1-Dichloropropene	ND	500		100	
Benzene	1800	500		100		c-1,3-Dichloropropene	ND	500		100	
Bromobenzene	ND	500		100		t-1,3-Dichloropropene	ND	500		100	
Bromochloromethane	ND	500		100		Ethylbenzene	4300	500		100	
Bromodichloromethane	ND	500		100		2-Hexanone	ND	5000		100	
Bromoform	ND	500		100		Isopropylbenzene	570	500		100	
Bromomethane	ND	2500		100		p-Isopropyltoluene	ND	500		100	
2-Butanone	ND	5000		100		Methylene Chloride	ND	5000		100	
n-Butylbenzene	1200	500		100		4-Methyl-2-Pentanone	ND	5000		100	
sec-Butylbenzene	ND	500		100		Naphthalene	ND	5000		100	
tert-Butylbenzene	ND	500		100		n-Propylbenzene	2500	500		100	
Carbon Disulfide	ND	5000		100		1,1,1,2-Tetrachloroethane	ND	500		100	
Carbon Tetrachloride	ND	500		100		1,1,2,2-Tetrachloroethane	ND	500		100	
Chlorobenzene	ND	500		100		Tetrachloroethene	ND	500		100	
Chloroethane	ND	500		100		Toluene	6200	500		100	
Chloroform	ND	500		100		1,2,3-Trichlorobenzene	ND	1000		100	
Chloromethane	ND	2500		100		1,2,4-Trichlorobenzene	ND	500		100	
2-Chlorotoluene	ND	500		100		1,1,1-Trichloroethane	ND	500		100	
4-Chlorotoluene	ND	500		100		1,1,2-Trichloroethane	ND	500		100	
Dibromochloromethane	ND	500		100		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	5000		100	
1,2-Dibromo-3-Chloropropane	ND	2500		100		Trichloroethene	ND	500		100	
1,2-Dibromoethane	ND	500		100		1,2,3-Trichloropropane	ND	500		100	
Dibromomethane	ND	500		100		1,2,4-Trimethylbenzene	8800	500		100	
1,2-Dichlorobenzene	ND	500		100		Trichlorofluoromethane	ND	5000		100	
1,3-Dichlorobenzene	ND	500		100		1,3,5-Trimethylbenzene	2900	500		100	
1,4-Dichlorobenzene	ND	500		100		Vinyl Acetate	ND	5000		100	
Dichlorodifluoromethane	ND	500		100		Vinyl Chloride	ND	500		100	
1,1-Dichloroethane	ND	500		100		Xylenes (total)	17000	500		100	
1,2-Dichloroethane	ND	500		100		Methyl-t-Butyl Ether (MTBE)	ND	500		100	
1,1-Dichloroethene	ND	500		100		Tert-Butyl Alcohol (TBA)	ND	5000		100	
c-1,2-Dichloroethene	ND	500		100		Diisopropyl Ether (DIPE)	ND	1000		100	
t-1,2-Dichloroethene	ND	500		100		Ethyl-t-Butyl Ether (ETBE)	ND	1000		100	
1,2-Dichloropropane	ND	500		100		Tert-Amyl-Methyl Ether (TAME)	ND	1000		100	
1,3-Dichloropropane	ND	500		100		Ethanol	ND	50000		100	
2,2-Dichloropropane	ND	500		100		Gasoline Range Organics (C4-C12)	300000	50000		100	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	99	63-141		1,2-Dichloroethane-d4	98	62-146	
Toluene-d8	109	80-120		1,4-Bromofluorobenzene	105	60-132	
Toluene-d8-TPPH	108	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received:	09/28/12
Work Order No:	12-09-1846
Preparation:	EPA 5030C
Method:	LUFT GC/MS / EPA 8260B
Units:	ug/kg

Project: 20001 Brookhurst Ave., Huntington Beach, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SWE-Fd8	**12-09-1846-16-A**	**09/28/12 12:05**	**Solid**	**GC/MS RR**	**09/28/12**	**09/29/12 17:26**	**120929L01**

Comment(s): -Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	120		1		1,1-Dichloropropene	ND	5.0		1	
Benzene	28	5.0		1		c-1,3-Dichloropropene	ND	5.0		1	
Bromobenzene	ND	5.0		1		t-1,3-Dichloropropene	ND	5.0		1	
Bromochloromethane	ND	5.0		1		Ethylbenzene	ND	5.0		1	
Bromodichloromethane	ND	5.0		1		2-Hexanone	ND	50		1	
Bromoform	ND	5.0		1		Isopropylbenzene	ND	5.0		1	
Bromomethane	ND	25		1		p-Isopropyltoluene	ND	5.0		1	
2-Butanone	ND	50		1		Methylene Chloride	ND	50		1	
n-Butylbenzene	ND	5.0		1		4-Methyl-2-Pentanone	ND	50		1	
sec-Butylbenzene	ND	5.0		1		Naphthalene	ND	50		1	
tert-Butylbenzene	ND	5.0		1		n-Propylbenzene	5.1	5.0		1	
Carbon Disulfide	ND	50		1		1,1,1,2-Tetrachloroethane	ND	5.0		1	
Carbon Tetrachloride	ND	5.0		1		1,1,2,2-Tetrachloroethane	ND	5.0		1	
Chlorobenzene	ND	5.0		1		Tetrachloroethene	ND	5.0		1	
Chloroethane	ND	5.0		1		Toluene	ND	5.0		1	
Chloroform	ND	5.0		1		1,2,3-Trichlorobenzene	ND	10		1	
Chloromethane	ND	25		1		1,2,4-Trichlorobenzene	ND	5.0		1	
2-Chlorotoluene	ND	5.0		1		1,1,1-Trichloroethane	ND	5.0		1	
4-Chlorotoluene	ND	5.0		1		1,1,2-Trichloroethane	ND	5.0		1	
Dibromochloromethane	ND	5.0		1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50		1	
1,2-Dibromo-3-Chloropropane	ND	25		1		Trichloroethene	ND	5.0		1	
1,2-Dibromoethane	ND	5.0		1		1,2,3-Trichloropropane	ND	5.0		1	
Dibromomethane	ND	5.0		1		1,2,4-Trimethylbenzene	7.5	5.0		1	
1,2-Dichlorobenzene	ND	5.0		1		Trichlorofluoromethane	ND	50		1	
1,3-Dichlorobenzene	ND	5.0		1		1,3,5-Trimethylbenzene	ND	5.0		1	
1,4-Dichlorobenzene	ND	5.0		1		Vinyl Acetate	ND	50		1	
Dichlorodifluoromethane	ND	5.0		1		Vinyl Chloride	ND	5.0		1	
1,1-Dichloroethane	ND	5.0		1		Xylenes (total)	19	5.0		1	
1,2-Dichloroethane	ND	5.0		1		Methyl-t-Butyl Ether (MTBE)	ND	5.0		1	
1,1-Dichloroethene	ND	5.0		1		Tert-Butyl Alcohol (TBA)	ND	50		1	
c-1,2-Dichloroethene	ND	5.0		1		Diisopropyl Ether (DIPE)	ND	10		1	
t-1,2-Dichloroethene	ND	5.0		1		Ethyl-t-Butyl Ether (ETBE)	ND	10		1	
1,2-Dichloropropane	ND	5.0		1		Tert-Amyl-Methyl Ether (TAME)	ND	10		1	
1,3-Dichloropropane	ND	5.0		1		Ethanol	ND	500		1	
2,2-Dichloropropane	ND	5.0		1		Gasoline Range Organics (C4-C12)	14000	50000	24	100	B,J

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	104	63-141		1,2-Dichloroethane-d4	108	62-146	
Toluene-d8	100	80-120		1,4-Bromofluorobenzene	99	60-132	
Toluene-d8-TPPH	99	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received:	09/28/12
Work Order No:	12-09-1846
Preparation:	EPA 5030C
Method:	LUFT GC/MS / EPA 8260B
Units:	ug/kg

Project: 20001 Brookhurst Ave., Huntington Beach, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SWN-Fd8	**12-09-1846-17-A**	**09/28/12 12:07**	**Solid**	**GC/MS RR**	**09/28/12**	**09/29/12 18:20**	**120929L02**

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	12000		100		1,1-Dichloropropene	ND	500		100	
Benzene	ND	500		100		c-1,3-Dichloropropene	ND	500		100	
Bromobenzene	ND	500		100		t-1,3-Dichloropropene	ND	500		100	
Bromochloromethane	ND	500		100		Ethylbenzene	ND	500		100	
Bromodichloromethane	ND	500		100		2-Hexanone	ND	5000		100	
Bromoform	ND	500		100		Isopropylbenzene	ND	500		100	
Bromomethane	ND	2500		100		p-Isopropyltoluene	ND	500		100	
2-Butanone	ND	5000		100		Methylene Chloride	ND	5000		100	
n-Butylbenzene	ND	500		100		4-Methyl-2-Pentanone	ND	5000		100	
sec-Butylbenzene	ND	500		100		Naphthalene	ND	5000		100	
tert-Butylbenzene	ND	500		100		n-Propylbenzene	500	500		100	
Carbon Disulfide	ND	5000		100		1,1,1,2-Tetrachloroethane	ND	500		100	
Carbon Tetrachloride	ND	500		100		1,1,2,2-Tetrachloroethane	ND	500		100	
Chlorobenzene	ND	500		100		Tetrachloroethene	ND	500		100	
Chloroethane	ND	500		100		Toluene	ND	500		100	
Chloroform	ND	500		100		1,2,3-Trichlorobenzene	ND	1000		100	
Chloromethane	ND	2500		100		1,2,4-Trichlorobenzene	ND	500		100	
2-Chlorotoluene	ND	500		100		1,1,1-Trichloroethane	ND	500		100	
4-Chlorotoluene	ND	500		100		1,1,2-Trichloroethane	ND	500		100	
Dibromochloromethane	ND	500		100		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	5000		100	
1,2-Dibromo-3-Chloropropane	ND	2500		100		Trichloroethene	ND	500		100	
1,2-Dibromoethane	ND	500		100		1,2,3-Trichloropropane	ND	500		100	
Dibromomethane	ND	500		100		1,2,4-Trimethylbenzene	2700	500		100	
1,2-Dichlorobenzene	ND	500		100		Trichlorofluoromethane	ND	5000		100	
1,3-Dichlorobenzene	ND	500		100		1,3,5-Trimethylbenzene	650	500		100	
1,4-Dichlorobenzene	ND	500		100		Vinyl Acetate	ND	5000		100	
Dichlorodifluoromethane	ND	500		100		Vinyl Chloride	ND	500		100	
1,1-Dichloroethane	ND	500		100		Xylenes (total)	ND	500		100	
1,2-Dichloroethane	ND	500		100		Methyl-t-Butyl Ether (MTBE)	ND	500		100	
1,1-Dichloroethene	ND	500		100		Tert-Butyl Alcohol (TBA)	ND	5000		100	
c-1,2-Dichloroethene	ND	500		100		Diisopropyl Ether (DIPE)	ND	1000		100	
t-1,2-Dichloroethene	ND	500		100		Ethyl-t-Butyl Ether (ETBE)	ND	1000		100	
1,2-Dichloropropane	ND	500		100		Tert-Amyl-Methyl Ether (TAME)	ND	1000		100	
1,3-Dichloropropane	ND	500		100		Ethanol	ND	50000		100	
2,2-Dichloropropane	ND	500		100		Gasoline Range Organics (C4-C12)	140000	50000		100	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	95	63-141		1,2-Dichloroethane-d4	93	62-146	
Toluene-d8	107	80-120		1,4-Bromofluorobenzene	106	60-132	
Toluene-d8-TPPH	107	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.		Date Received:	09/28/12
8281 Commonwealth Avenue		Work Order No:	12-09-1846
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/kg
Project: 20001 Brookhurst Ave., Huntington Beach, CA			Page 18 of 25

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SWW-Fd8	**12-09-1846-18-A**	**09/28/12 12:11**	**Solid**	**GC/MS RR**	**09/28/12**	**09/29/12 18:47**	**120929L01**

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	120		1		1,1-Dichloropropene	ND	5.0		1	
Benzene	ND	5.0		1		c-1,3-Dichloropropene	ND	5.0		1	
Bromobenzene	ND	5.0		1		t-1,3-Dichloropropene	ND	5.0		1	
Bromochloromethane	ND	5.0		1		Ethylbenzene	ND	5.0		1	
Bromodichloromethane	ND	5.0		1		2-Hexanone	ND	50		1	
Bromoform	ND	5.0		1		Isopropylbenzene	ND	5.0		1	
Bromomethane	ND	25		1		p-Isopropyltoluene	ND	5.0		1	
2-Butanone	ND	50		1		Methylene Chloride	ND	50		1	
n-Butylbenzene	ND	5.0		1		4-Methyl-2-Pentanone	ND	50		1	
sec-Butylbenzene	ND	5.0		1		Naphthalene	ND	50		1	
tert-Butylbenzene	ND	5.0		1		n-Propylbenzene	ND	5.0		1	
Carbon Disulfide	ND	50		1		1,1,1,2-Tetrachloroethane	ND	5.0		1	
Carbon Tetrachloride	ND	5.0		1		1,1,2,2-Tetrachloroethane	ND	5.0		1	
Chlorobenzene	ND	5.0		1		Tetrachloroethene	ND	5.0		1	
Chloroethane	ND	5.0		1		Toluene	ND	5.0		1	
Chloroform	ND	5.0		1		1,2,3-Trichlorobenzene	ND	10		1	
Chloromethane	ND	25		1		1,2,4-Trichlorobenzene	ND	5.0		1	
2-Chlorotoluene	ND	5.0		1		1,1,1-Trichloroethane	ND	5.0		1	
4-Chlorotoluene	ND	5.0		1		1,1,2-Trichloroethane	ND	5.0		1	
Dibromochloromethane	ND	5.0		1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50		1	
1,2-Dibromo-3-Chloropropane	ND	25		1		Trichloroethene	ND	5.0		1	
1,2-Dibromoethane	ND	5.0		1		1,2,3-Trichloropropane	ND	5.0		1	
Dibromomethane	ND	5.0		1		1,2,4-Trimethylbenzene	ND	5.0		1	
1,2-Dichlorobenzene	ND	5.0		1		Trichlorofluoromethane	ND	50		1	
1,3-Dichlorobenzene	ND	5.0		1		1,3,5-Trimethylbenzene	ND	5.0		1	
1,4-Dichlorobenzene	ND	5.0		1		Vinyl Acetate	ND	50		1	
Dichlorodifluoromethane	ND	5.0		1		Vinyl Chloride	ND	5.0		1	
1,1-Dichloroethane	ND	5.0		1		Xylenes (total)	ND	5.0		1	
1,2-Dichloroethane	ND	5.0		1		Methyl-t-Butyl Ether (MTBE)	ND	5.0		1	
1,1-Dichloroethene	ND	5.0		1		Tert-Butyl Alcohol (TBA)	ND	50		1	
c-1,2-Dichloroethene	ND	5.0		1		Diisopropyl Ether (DIPE)	ND	10		1	
t-1,2-Dichloroethene	ND	5.0		1		Ethyl-t-Butyl Ether (ETBE)	ND	10		1	
1,2-Dichloropropane	ND	5.0		1		Tert-Amyl-Methyl Ether (TAME)	ND	10		1	
1,3-Dichloropropane	ND	5.0		1		Ethanol	ND	500		1	
2,2-Dichloropropane	ND	5.0		1		Gasoline Range Organics (C4-C12)	ND	500		1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	102	63-141		1,2-Dichloroethane-d4	104	62-146	
Toluene-d8	105	80-120		1,4-Bromofluorobenzene	104	60-132	
Toluene-d8-TPPH	104	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.		Date Received:	09/28/12
8281 Commonwealth Avenue		Work Order No:	12-09-1846
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/kg
Project: 20001 Brookhurst Ave., Huntington Beach, CA			Page 19 of 25

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-798-1,517**	**N/A**	**Solid**	**GC/MS UU**	**09/29/12**	**09/29/12 13:11**	**120929L01**

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	120		1		1,1-Dichloropropene	ND	5.0		1	
Benzene	ND	5.0		1		c-1,3-Dichloropropene	ND	5.0		1	
Bromobenzene	ND	5.0		1		t-1,3-Dichloropropene	ND	5.0		1	
Bromochloromethane	ND	5.0		1		Ethylbenzene	ND	5.0		1	
Bromodichloromethane	ND	5.0		1		2-Hexanone	ND	50		1	
Bromoform	ND	5.0		1		Isopropylbenzene	ND	5.0		1	
Bromomethane	ND	25		1		p-Isopropyltoluene	ND	5.0		1	
2-Butanone	ND	50		1		Methylene Chloride	ND	50		1	
n-Butylbenzene	ND	5.0		1		4-Methyl-2-Pentanone	ND	50		1	
sec-Butylbenzene	ND	5.0		1		Naphthalene	ND	50		1	
tert-Butylbenzene	ND	5.0		1		n-Propylbenzene	ND	5.0		1	
Carbon Disulfide	ND	50		1		1,1,1,2-Tetrachloroethane	ND	5.0		1	
Carbon Tetrachloride	ND	5.0		1		1,1,2,2-Tetrachloroethane	ND	5.0		1	
Chlorobenzene	ND	5.0		1		Tetrachloroethene	ND	5.0		1	
Chloroethane	ND	5.0		1		Toluene	ND	5.0		1	
Chloroform	ND	5.0		1		1,2,3-Trichlorobenzene	ND	10		1	
Chloromethane	ND	25		1		1,2,4-Trichlorobenzene	ND	5.0		1	
2-Chlorotoluene	ND	5.0		1		1,1,1-Trichloroethane	ND	5.0		1	
4-Chlorotoluene	ND	5.0		1		1,1,2-Trichloroethane	ND	5.0		1	
Dibromochloromethane	ND	5.0		1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50		1	
1,2-Dibromo-3-Chloropropane	ND	25		1		Trichloroethene	ND	5.0		1	
1,2-Dibromoethane	ND	5.0		1		1,2,3-Trichloropropane	ND	5.0		1	
Dibromomethane	ND	5.0		1		1,2,4-Trimethylbenzene	ND	5.0		1	
1,2-Dichlorobenzene	ND	5.0		1		Trichlorofluoromethane	ND	50		1	
1,3-Dichlorobenzene	ND	5.0		1		1,3,5-Trimethylbenzene	ND	5.0		1	
1,4-Dichlorobenzene	ND	5.0		1		Vinyl Acetate	ND	50		1	
Dichlorodifluoromethane	ND	5.0		1		Vinyl Chloride	ND	5.0		1	
1,1-Dichloroethane	ND	5.0		1		Xylenes (total)	ND	5.0		1	
1,2-Dichloroethane	ND	5.0		1		Methyl-t-Butyl Ether (MTBE)	ND	5.0		1	
1,1-Dichloroethene	ND	5.0		1		Tert-Butyl Alcohol (TBA)	ND	50		1	
c-1,2-Dichloroethene	ND	5.0		1		Diisopropyl Ether (DIPE)	ND	10		1	
t-1,2-Dichloroethene	ND	5.0		1		Ethyl-t-Butyl Ether (ETBE)	ND	10		1	
1,2-Dichloropropane	ND	5.0		1		Tert-Amyl-Methyl Ether (TAME)	ND	10		1	
1,3-Dichloropropane	ND	5.0		1		Ethanol	ND	500		1	
2,2-Dichloropropane	ND	5.0		1		Gasoline Range Organics (C4-C12)	ND	500		1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	103	63-141		1,2-Dichloroethane-d4	100	62-146	
Toluene-d8	98	80-120		1,4-Bromofluorobenzene	85	60-132	
Toluene-d8-TPPH	99	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.		Date Received:	09/28/12
8281 Commonwealth Avenue		Work Order No:	12-09-1846
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/kg
Project: 20001 Brookhurst Ave., Huntington Beach, CA			Page 20 of 25

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-798-1,518**	**N/A**	**Solid**	**GC/MS RR**	**09/29/12**	**09/29/12 13:25**	**120929L01**

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	120		1		1,1-Dichloropropene	ND	5.0		1	
Benzene	ND	5.0		1		c-1,3-Dichloropropene	ND	5.0		1	
Bromobenzene	ND	5.0		1		t-1,3-Dichloropropene	ND	5.0		1	
Bromochloromethane	ND	5.0		1		Ethylbenzene	ND	5.0		1	
Bromodichloromethane	ND	5.0		1		2-Hexanone	ND	50		1	
Bromoform	ND	5.0		1		Isopropylbenzene	ND	5.0		1	
Bromomethane	ND	25		1		p-Isopropyltoluene	ND	5.0		1	
2-Butanone	ND	50		1		Methylene Chloride	ND	50		1	
n-Butylbenzene	ND	5.0		1		4-Methyl-2-Pentanone	ND	50		1	
sec-Butylbenzene	ND	5.0		1		Naphthalene	ND	50		1	
tert-Butylbenzene	ND	5.0		1		n-Propylbenzene	ND	5.0		1	
Carbon Disulfide	ND	50		1		1,1,1,2-Tetrachloroethane	ND	5.0		1	
Carbon Tetrachloride	ND	5.0		1		1,1,2,2-Tetrachloroethane	ND	5.0		1	
Chlorobenzene	ND	5.0		1		Tetrachloroethene	ND	5.0		1	
Chloroethane	ND	5.0		1		Toluene	ND	5.0		1	
Chloroform	ND	5.0		1		1,2,3-Trichlorobenzene	ND	10		1	
Chloromethane	ND	25		1		1,2,4-Trichlorobenzene	ND	5.0		1	
2-Chlorotoluene	ND	5.0		1		1,1,1-Trichloroethane	ND	5.0		1	
4-Chlorotoluene	ND	5.0		1		1,1,2-Trichloroethane	ND	5.0		1	
Dibromochloromethane	ND	5.0		1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50		1	
1,2-Dibromo-3-Chloropropane	ND	25		1		Trichloroethene	ND	5.0		1	
1,2-Dibromoethane	ND	5.0		1		1,2,3-Trichloropropane	ND	5.0		1	
Dibromomethane	ND	5.0		1		1,2,4-Trimethylbenzene	ND	5.0		1	
1,2-Dichlorobenzene	ND	5.0		1		Trichlorofluoromethane	ND	50		1	
1,3-Dichlorobenzene	ND	5.0		1		1,3,5-Trimethylbenzene	ND	5.0		1	
1,4-Dichlorobenzene	ND	5.0		1		Vinyl Acetate	ND	50		1	
Dichlorodifluoromethane	ND	5.0		1		Vinyl Chloride	ND	5.0		1	
1,1-Dichloroethane	ND	5.0		1		Xylenes (total)	ND	5.0		1	
1,2-Dichloroethane	ND	5.0		1		Methyl-t-Butyl Ether (MTBE)	ND	5.0		1	
1,1-Dichloroethene	ND	5.0		1		Tert-Butyl Alcohol (TBA)	ND	50		1	
c-1,2-Dichloroethene	ND	5.0		1		Diisopropyl Ether (DIPE)	ND	10		1	
t-1,2-Dichloroethene	ND	5.0		1		Ethyl-t-Butyl Ether (ETBE)	ND	10		1	
1,2-Dichloropropane	ND	5.0		1		Tert-Amyl-Methyl Ether (TAME)	ND	10		1	
1,3-Dichloropropane	ND	5.0		1		Ethanol	ND	500		1	
2,2-Dichloropropane	ND	5.0		1		Gasoline Range Organics (C4-C12)	ND	500		1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	101	63-141		1,2-Dichloroethane-d4	101	62-146	
Toluene-d8	104	80-120		1,4-Bromofluorobenzene	105	60-132	
Toluene-d8-TPPH	103	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.	Date Received:	09/28/12
8281 Commonwealth Avenue	Work Order No:	12-09-1846
Buena Park, CA 90621-2537	Preparation:	EPA 5030C
	Method:	LUFT GC/MS / EPA 8260B
	Units:	ug/kg

Project: 20001 Brookhurst Ave., Huntington Beach, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-798-1,519**	**N/A**	**Solid**	**GC/MS W**	**09/29/12**	**09/29/12 12:37**	**120929L01**

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	120		1		1,1-Dichloropropene	ND	5.0		1	
Benzene	ND	5.0		1		c-1,3-Dichloropropene	ND	5.0		1	
Bromobenzene	ND	5.0		1		t-1,3-Dichloropropene	ND	5.0		1	
Bromochloromethane	ND	5.0		1		Ethylbenzene	ND	5.0		1	
Bromodichloromethane	ND	5.0		1		2-Hexanone	ND	50		1	
Bromoform	ND	5.0		1		Isopropylbenzene	ND	5.0		1	
Bromomethane	ND	25		1		p-Isopropyltoluene	ND	5.0		1	
2-Butanone	ND	50		1		Methylene Chloride	ND	50		1	
n-Butylbenzene	ND	5.0		1		4-Methyl-2-Pentanone	ND	50		1	
sec-Butylbenzene	ND	5.0		1		Naphthalene	ND	50		1	
tert-Butylbenzene	ND	5.0		1		n-Propylbenzene	ND	5.0		1	
Carbon Disulfide	ND	50		1		1,1,1,2-Tetrachloroethane	ND	5.0		1	
Carbon Tetrachloride	ND	5.0		1		1,1,2,2-Tetrachloroethane	ND	5.0		1	
Chlorobenzene	ND	5.0		1		Tetrachloroethene	ND	5.0		1	
Chloroethane	ND	5.0		1		Toluene	ND	5.0		1	
Chloroform	ND	5.0		1		1,2,3-Trichlorobenzene	ND	10		1	
Chloromethane	ND	25		1		1,2,4-Trichlorobenzene	ND	5.0		1	
2-Chlorotoluene	ND	5.0		1		1,1,1-Trichloroethane	ND	5.0		1	
4-Chlorotoluene	ND	5.0		1		1,1,2-Trichloroethane	ND	5.0		1	
Dibromochloromethane	ND	5.0		1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50		1	
1,2-Dibromo-3-Chloropropane	ND	25		1		Trichloroethene	ND	5.0		1	
1,2-Dibromoethane	ND	5.0		1		1,2,3-Trichloropropane	ND	5.0		1	
Dibromomethane	ND	5.0		1		1,2,4-Trimethylbenzene	ND	5.0		1	
1,2-Dichlorobenzene	ND	5.0		1		Trichlorofluoromethane	ND	50		1	
1,3-Dichlorobenzene	ND	5.0		1		1,3,5-Trimethylbenzene	ND	5.0		1	
1,4-Dichlorobenzene	ND	5.0		1		Vinyl Acetate	ND	50		1	
Dichlorodifluoromethane	ND	5.0		1		Vinyl Chloride	ND	5.0		1	
1,1-Dichloroethane	ND	5.0		1		Xylenes (total)	ND	5.0		1	
1,2-Dichloroethane	ND	5.0		1		Methyl-t-Butyl Ether (MTBE)	ND	5.0		1	
1,1-Dichloroethene	ND	5.0		1		Tert-Butyl Alcohol (TBA)	ND	50		1	
c-1,2-Dichloroethene	ND	5.0		1		Diisopropyl Ether (DIPE)	ND	10		1	
t-1,2-Dichloroethene	ND	5.0		1		Ethyl-t-Butyl Ether (ETBE)	ND	10		1	
1,2-Dichloropropane	ND	5.0		1		Tert-Amyl-Methyl Ether (TAME)	ND	10		1	
1,3-Dichloropropane	ND	5.0		1		Ethanol	ND	500		1	
2,2-Dichloropropane	ND	5.0		1		Gasoline Range Organics (C4-C12)	ND	500		1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	106	63-141		1,2-Dichloroethane-d4	110	62-146	
Toluene-d8	98	80-120		1,4-Bromofluorobenzene	96	60-132	
Toluene-d8-TPPH	98	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.		Date Received:	09/28/12
8281 Commonwealth Avenue		Work Order No:	12-09-1846
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/kg
Project: 20001 Brookhurst Ave., Huntington Beach, CA			Page 22 of 25

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-798-1,520**	**N/A**	**Solid**	**GC/MS W**	**09/29/12**	**09/29/12 13:07**	**120929L02**

Comment(s): -Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	12000	620	100		1,1-Dichloropropene	ND	500	33	100	
Benzene	ND	500	13	100		c-1,3-Dichloropropene	ND	500	25	100	
Bromobenzene	ND	500	21	100		t-1,3-Dichloropropene	ND	500	61	100	
Bromochloromethane	ND	500	69	100		Ethylbenzene	ND	500	15	100	
Bromodichloromethane	ND	500	23	100		2-Hexanone	ND	5000	180	100	
Bromoform	ND	500	79	100		Isopropylbenzene	ND	500	55	100	
Bromomethane	ND	2500	940	100		p-Isopropyltoluene	ND	500	63	100	
2-Butanone	ND	5000	380	100		Methylene Chloride	ND	5000	130	100	
n-Butylbenzene	ND	500	16	100		4-Methyl-2-Pentanone	ND	5000	430	100	
sec-Butylbenzene	ND	500	58	100		Naphthalene	ND	5000	81	100	
tert-Butylbenzene	ND	500	15	100		n-Propylbenzene	ND	500	50	100	
Carbon Disulfide	ND	5000	31	100		1,1,1,2-Tetrachloroethane	ND	500	24	100	
Carbon Tetrachloride	ND	500	28	100		1,1,2,2-Tetrachloroethane	ND	500	35	100	
Chlorobenzene	ND	500	22	100		Tetrachloroethene	ND	500	21	100	
Chloroethane	ND	500	150	100		Toluene	ND	500	52	100	
Chloroform	ND	500	24	100		1,2,3-Trichlorobenzene	ND	1000	91	100	
Chloromethane	ND	2500	30	100		1,2,4-Trichlorobenzene	ND	500	31	100	
2-Chlorotoluene	ND	500	23	100		1,1,1-Trichloroethane	ND	500	23	100	
4-Chlorotoluene	ND	500	21	100		1,1,2-Trichloroethane	ND	500	35	100	
Dibromochloromethane	ND	500	57	100		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	5000	35	100	
1,2-Dibromo-3-Chloropropane	ND	2500	170	100		Trichloroethene	ND	500	30	100	
1,2-Dibromoethane	ND	500	26	100		1,2,3-Trichloropropane	ND	500	83	100	
Dibromomethane	ND	500	77	100		1,2,4-Trimethylbenzene	ND	500	59	100	
1,2-Dichlorobenzene	ND	500	23	100		Trichlorofluoromethane	ND	5000	38	100	
1,3-Dichlorobenzene	ND	500	18	100		1,3,5-Trimethylbenzene	ND	500	55	100	
1,4-Dichlorobenzene	ND	500	22	100		Vinyl Acetate	ND	5000	470	100	
Dichlorodifluoromethane	ND	500	44	100		Vinyl Chloride	ND	500	50	100	
1,1-Dichloroethane	ND	500	21	100		Xylenes (total)	ND	500	56	100	
1,2-Dichloroethane	ND	500	31	100		Methyl-t-Butyl Ether (MTBE)	ND	500	30	100	
1,1-Dichloroethene	ND	500	35	100		Tert-Butyl Alcohol (TBA)	ND	5000	520	100	
c-1,2-Dichloroethene	ND	500	28	100		Diisopropyl Ether (DIPE)	ND	1000	48	100	
t-1,2-Dichloroethene	ND	500	51	100		Ethyl-t-Butyl Ether (ETBE)	ND	1000	51	100	
1,2-Dichloropropane	ND	500	44	100		Tert-Amyl-Methyl Ether (TAME)	ND	1000	35	100	
1,3-Dichloropropane	ND	500	25	100		Ethanol	ND	50000	8400	100	
2,2-Dichloropropane	ND	500	33	100		Gasoline Range Organics (C4-C12)	1400	50000	24	100	J

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	99	63-141		1,2-Dichloroethane-d4	96	62-146	
Toluene-d8	99	80-120		1,4-Bromofluorobenzene	94	60-132	
Toluene-d8-TPPH	97	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.		Date Received:	09/28/12
8281 Commonwealth Avenue		Work Order No:	12-09-1846
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/kg
Project: 20001 Brookhurst Ave., Huntington Beach, CA			Page 23 of 25

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-798-1,521**	**N/A**	**Solid**	**GC/MS RR**	**09/29/12**	**09/29/12 12:58**	**120929L02**

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	12000		100		1,1-Dichloropropene	ND	500		100	
Benzene	ND	500		100		c-1,3-Dichloropropene	ND	500		100	
Bromobenzene	ND	500		100		t-1,3-Dichloropropene	ND	500		100	
Bromochloromethane	ND	500		100		Ethylbenzene	ND	500		100	
Bromodichloromethane	ND	500		100		2-Hexanone	ND	5000		100	
Bromoform	ND	500		100		Isopropylbenzene	ND	500		100	
Bromomethane	ND	2500		100		p-Isopropyltoluene	ND	500		100	
2-Butanone	ND	5000		100		Methylene Chloride	ND	5000		100	
n-Butylbenzene	ND	500		100		4-Methyl-2-Pentanone	ND	5000		100	
sec-Butylbenzene	ND	500		100		Naphthalene	ND	5000		100	
tert-Butylbenzene	ND	500		100		n-Propylbenzene	ND	500		100	
Carbon Disulfide	ND	5000		100		1,1,1,2-Tetrachloroethane	ND	500		100	
Carbon Tetrachloride	ND	500		100		1,1,2,2-Tetrachloroethane	ND	500		100	
Chlorobenzene	ND	500		100		Tetrachloroethene	ND	500		100	
Chloroethane	ND	500		100		Toluene	ND	500		100	
Chloroform	ND	500		100		1,2,3-Trichlorobenzene	ND	1000		100	
Chloromethane	ND	2500		100		1,2,4-Trichlorobenzene	ND	500		100	
2-Chlorotoluene	ND	500		100		1,1,1-Trichloroethane	ND	500		100	
4-Chlorotoluene	ND	500		100		1,1,2-Trichloroethane	ND	500		100	
Dibromochloromethane	ND	500		100		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	5000		100	
1,2-Dibromo-3-Chloropropane	ND	2500		100		Trichloroethene	ND	500		100	
1,2-Dibromoethane	ND	500		100		1,2,3-Trichloropropane	ND	500		100	
Dibromomethane	ND	500		100		1,2,4-Trimethylbenzene	ND	500		100	
1,2-Dichlorobenzene	ND	500		100		Trichlorofluoromethane	ND	5000		100	
1,3-Dichlorobenzene	ND	500		100		1,3,5-Trimethylbenzene	ND	500		100	
1,4-Dichlorobenzene	ND	500		100		Vinyl Acetate	ND	5000		100	
Dichlorodifluoromethane	ND	500		100		Vinyl Chloride	ND	500		100	
1,1-Dichloroethane	ND	500		100		Xylenes (total)	ND	500		100	
1,2-Dichloroethane	ND	500		100		Methyl-t-Butyl Ether (MTBE)	ND	500		100	
1,1-Dichloroethene	ND	500		100		Tert-Butyl Alcohol (TBA)	ND	5000		100	
c-1,2-Dichloroethene	ND	500		100		Diisopropyl Ether (DIPE)	ND	1000		100	
t-1,2-Dichloroethene	ND	500		100		Ethyl-t-Butyl Ether (ETBE)	ND	1000		100	
1,2-Dichloropropane	ND	500		100		Tert-Amyl-Methyl Ether (TAME)	ND	1000		100	
1,3-Dichloropropane	ND	500		100		Ethanol	ND	50000		100	
2,2-Dichloropropane	ND	500		100		Gasoline Range Organics (C4-C12)	ND	50000		100	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	102	63-141		1,2-Dichloroethane-d4	100	62-146	
Toluene-d8	102	80-120		1,4-Bromofluorobenzene	104	60-132	
Toluene-d8-TPPH	102	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.		Date Received:	09/28/12
8281 Commonwealth Avenue		Work Order No:	12-09-1846
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/kg
Project: 20001 Brookhurst Ave., Huntington Beach, CA			Page 24 of 25

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-798-1,522**	**N/A**	**Solid**	**GC/MS UU**	**09/29/12**	**09/29/12 12:45**	**120929L02**

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	12000		100		1,1-Dichloropropene	ND	500		100	
Benzene	ND	500		100		c-1,3-Dichloropropene	ND	500		100	
Bromobenzene	ND	500		100		t-1,3-Dichloropropene	ND	500		100	
Bromochloromethane	ND	500		100		Ethylbenzene	ND	500		100	
Bromodichloromethane	ND	500		100		2-Hexanone	ND	5000		100	
Bromoform	ND	500		100		Isopropylbenzene	ND	500		100	
Bromomethane	ND	2500		100		p-Isopropyltoluene	ND	500		100	
2-Butanone	ND	5000		100		Methylene Chloride	ND	5000		100	
n-Butylbenzene	ND	500		100		4-Methyl-2-Pentanone	ND	5000		100	
sec-Butylbenzene	ND	500		100		Naphthalene	ND	5000		100	
tert-Butylbenzene	ND	500		100		n-Propylbenzene	ND	500		100	
Carbon Disulfide	ND	5000		100		1,1,1,2-Tetrachloroethane	ND	500		100	
Carbon Tetrachloride	ND	500		100		1,1,2,2-Tetrachloroethane	ND	500		100	
Chlorobenzene	ND	500		100		Tetrachloroethene	ND	500		100	
Chloroethane	ND	500		100		Toluene	ND	500		100	
Chloroform	ND	500		100		1,2,3-Trichlorobenzene	ND	1000		100	
Chloromethane	ND	2500		100		1,2,4-Trichlorobenzene	ND	500		100	
2-Chlorotoluene	ND	500		100		1,1,1-Trichloroethane	ND	500		100	
4-Chlorotoluene	ND	500		100		1,1,2-Trichloroethane	ND	500		100	
Dibromochloromethane	ND	500		100		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	5000		100	
1,2-Dibromo-3-Chloropropane	ND	2500		100		Trichloroethene	ND	500		100	
1,2-Dibromoethane	ND	500		100		1,2,3-Trichloropropane	ND	500		100	
Dibromomethane	ND	500		100		1,2,4-Trimethylbenzene	ND	500		100	
1,2-Dichlorobenzene	ND	500		100		Trichlorofluoromethane	ND	5000		100	
1,3-Dichlorobenzene	ND	500		100		1,3,5-Trimethylbenzene	ND	500		100	
1,4-Dichlorobenzene	ND	500		100		Vinyl Acetate	ND	5000		100	
Dichlorodifluoromethane	ND	500		100		Vinyl Chloride	ND	500		100	
1,1-Dichloroethane	ND	500		100		Xylenes (total)	ND	500		100	
1,2-Dichloroethane	ND	500		100		Methyl-t-Butyl Ether (MTBE)	ND	500		100	
1,1-Dichloroethene	ND	500		100		Tert-Butyl Alcohol (TBA)	ND	5000		100	
c-1,2-Dichloroethene	ND	500		100		Diisopropyl Ether (DIPE)	ND	1000		100	
t-1,2-Dichloroethene	ND	500		100		Ethyl-t-Butyl Ether (ETBE)	ND	1000		100	
1,2-Dichloropropane	ND	500		100		Tert-Amyl-Methyl Ether (TAME)	ND	1000		100	
1,3-Dichloropropane	ND	500		100		Ethanol	ND	50000		100	
2,2-Dichloropropane	ND	500		100		Gasoline Range Organics (C4-C12)	ND	50000		100	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	98	63-141		1,2-Dichloroethane-d4	94	62-146	
Toluene-d8	93	80-120		1,4-Bromofluorobenzene	87	60-132	
Toluene-d8-TPPH	94	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received:	09/28/12
Work Order No:	12-09-1846
Preparation:	EPA 5030C
Method:	LUFT GC/MS / EPA 8260B
Units:	ug/kg

Project: 20001 Brookhurst Ave., Huntington Beach, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-798-1,523**	**N/A**	**Solid**	**GC/MS W**	**10/01/12**	**10/01/12 14:01**	**121001L02**

Comment(s): -Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	12000	620	100		1,1-Dichloropropene	ND	500	33	100	
Benzene	ND	500	13	100		c-1,3-Dichloropropene	ND	500	25	100	
Bromobenzene	ND	500	21	100		t-1,3-Dichloropropene	ND	500	61	100	
Bromochloromethane	ND	500	69	100		Ethylbenzene	ND	500	15	100	
Bromodichloromethane	ND	500	23	100		2-Hexanone	ND	5000	180	100	
Bromoform	ND	500	79	100		Isopropylbenzene	ND	500	55	100	
Bromomethane	ND	2500	940	100		p-Isopropyltoluene	ND	500	63	100	
2-Butanone	ND	5000	380	100		Methylene Chloride	ND	5000	130	100	
n-Butylbenzene	ND	500	16	100		4-Methyl-2-Pentanone	ND	5000	430	100	
sec-Butylbenzene	ND	500	58	100		Naphthalene	ND	5000	81	100	
tert-Butylbenzene	ND	500	15	100		n-Propylbenzene	ND	500	50	100	
Carbon Disulfide	ND	5000	31	100		1,1,1,2-Tetrachloroethane	ND	500	24	100	
Carbon Tetrachloride	ND	500	28	100		1,1,2,2-Tetrachloroethane	ND	500	35	100	
Chlorobenzene	ND	500	22	100		Tetrachloroethene	ND	500	21	100	
Chloroethane	ND	500	150	100		Toluene	ND	500	52	100	
Chloroform	ND	500	24	100		1,2,3-Trichlorobenzene	ND	1000	91	100	
Chloromethane	ND	2500	30	100		1,2,4-Trichlorobenzene	ND	500	31	100	
2-Chlorotoluene	ND	500	23	100		1,1,1-Trichloroethane	ND	500	23	100	
4-Chlorotoluene	ND	500	21	100		1,1,2-Trichloroethane	ND	500	35	100	
Dibromochloromethane	ND	500	57	100		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	5000	35	100	
1,2-Dibromo-3-Chloropropane	ND	2500	170	100		Trichloroethene	ND	500	30	100	
1,2-Dibromoethane	ND	500	26	100		1,2,3-Trichloropropane	ND	500	83	100	
Dibromomethane	ND	500	77	100		1,2,4-Trimethylbenzene	ND	500	59	100	
1,2-Dichlorobenzene	ND	500	23	100		Trichlorofluoromethane	ND	5000	38	100	
1,3-Dichlorobenzene	ND	500	18	100		1,3,5-Trimethylbenzene	ND	500	55	100	
1,4-Dichlorobenzene	ND	500	22	100		Vinyl Acetate	ND	5000	470	100	
Dichlorodifluoromethane	ND	500	44	100		Vinyl Chloride	ND	500	50	100	
1,1-Dichloroethane	ND	500	21	100		Xylenes (total)	ND	500	56	100	
1,2-Dichloroethane	ND	500	31	100		Methyl-t-Butyl Ether (MTBE)	ND	500	30	100	
1,1-Dichloroethene	ND	500	35	100		Tert-Butyl Alcohol (TBA)	ND	5000	520	100	
c-1,2-Dichloroethene	ND	500	28	100		Diisopropyl Ether (DIPE)	ND	1000	48	100	
t-1,2-Dichloroethene	ND	500	51	100		Ethyl-t-Butyl Ether (ETBE)	ND	1000	51	100	
1,2-Dichloropropane	ND	500	44	100		Tert-Amyl-Methyl Ether (TAME)	ND	1000	35	100	
1,3-Dichloropropane	ND	500	25	100		Ethanol	ND	50000	8400	100	
2,2-Dichloropropane	ND	500	33	100		Gasoline Range Organics (C4-C12)	990	50000	24	100	J

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	97	63-141		1,2-Dichloroethane-d4	99	62-146	
Toluene-d8	98	80-120		1,4-Bromofluorobenzene	98	60-132	
Toluene-d8-TPPH	96	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.		Date Received:	09/28/12
8281 Commonwealth Avenue		Work Order No:	12-09-1846
Buena Park, CA 90621-2537		Preparation:	EPA 3050B / EPA 7471A Total
		Method:	EPA 6010B / EPA 7471A
		Units:	mg/kg
Project: 20001 Brookhurst Ave., Huntington Beach, CA			Page 1 of 1

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
COMP(EX-Ad10,Cd12,Dd12,Ed12)	**12-09-1846-19-A**	**09/28/12 00:00**	**Solid**	**ICP 7300**	**10/01/12**	**10/01/12 15:33**	**121001L01**

Comment(s): -Mercury analysis was performed on 10/01/12 14:31 with batch 121001L04.

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.750	1		Mercury	ND	0.0835	1	
Arsenic	ND	0.750	1		Molybdenum	ND	0.250	1	
Barium	63.9	0.500	1		Nickel	8.45	0.250	1	
Beryllium	0.316	0.250	1		Selenium	ND	0.750	1	
Cadmium	ND	0.500	1		Silver	ND	0.250	1	
Chromium	11.7	0.250	1		Thallium	ND	0.750	1	
Cobalt	6.62	0.250	1		Vanadium	27.8	0.250	1	
Copper	9.61	0.500	1		Zinc	36.0	1.00	1	
Lead	2.78	0.500	1						

Method Blank	**099-04-007-8,912**	**N/A**	**Solid**	**Mercury**	**10/01/12**	**10/01/12 14:25**	**121001L04**

Comment(s): -Preparation/analysis for Mercury was performed by EPA 7471A.

Parameter	Result	RL	DF	Qual
Mercury	ND	0.0835	1	

Method Blank	**097-01-002-16,234**	**N/A**	**Solid**	**ICP 7300**	**10/01/12**	**10/01/12 15:18**	**121001L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.750	1		Lead	ND	0.500	1	
Arsenic	ND	0.750	1		Molybdenum	ND	0.250	1	
Barium	ND	0.500	1		Nickel	ND	0.250	1	
Beryllium	ND	0.250	1		Selenium	ND	0.750	1	
Cadmium	ND	0.500	1		Silver	ND	0.250	1	
Chromium	ND	0.250	1		Thallium	ND	0.750	1	
Cobalt	ND	0.250	1		Vanadium	ND	0.250	1	
Copper	ND	0.500	1		Zinc	ND	1.00	1	

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RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Accredited in accordance with nelac

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received: 09/28/12
Work Order No: 12-09-1846
Preparation: EPA 3050B
Method: EPA 6010B

Project 20001 Brookhurst Ave., Huntington Beach, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
12-09-1735-2	Solid	ICP 7300	10/01/12	10/01/12	121001S01

Parameter	SAMPLE CONC	SPIKE ADDED	MS CONC	MS %REC	MSD CONC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Antimony	ND	25.00	5.030	20	4.805	19	50-115	5	0-20	3
Arsenic	6.972	25.00	32.00	100	31.24	97	75-125	2	0-20	
Barium	162.6	25.00	193.8	4X	185.9	4X	75-125	4X	0-20	Q
Beryllium	0.8240	25.00	27.09	105	26.65	103	75-125	2	0-20	
Cadmium	ND	25.00	24.40	98	24.43	98	75-125	0	0-20	
Chromium	35.27	25.00	62.78	110	61.14	103	75-125	3	0-20	
Cobalt	11.32	25.00	36.86	102	36.29	100	75-125	2	0-20	
Copper	27.92	25.00	54.94	108	53.87	104	75-125	2	0-20	
Lead	16.39	25.00	41.06	99	38.47	88	75-125	7	0-20	
Molybdenum	ND	25.00	19.81	79	19.12	76	75-125	4	0-20	
Nickel	13.92	25.00	39.71	103	38.35	98	75-125	3	0-20	
Selenium	ND	25.00	21.12	84	20.98	84	75-125	1	0-20	
Silver	ND	12.50	11.79	94	11.67	93	75-125	1	0-20	
Thallium	ND	25.00	2.247	9	2.052	8	75-125	9	0-20	3
Vanadium	67.44	25.00	96.29	115	91.34	96	75-125	5	0-20	
Zinc	93.11	25.00	120.5	110	117.5	97	75-125	3	0-20	

Return to Contents

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - PDS / PDSD

ACCREDITED IN ACCORDANCE WITH nelac

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received	09/28/12
Work Order No:	12-09-1846
Preparation:	EPA 3050B
Method:	EPA 6010B

Project: 20001 Brookhurst Ave., Huntington Beach, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	PDS / PDSD Batch Number
12-09-1735-2	Solid	ICP 7300	10/01/12	10/01/12	121001S01

Parameter	SAMPLE CONC	SPIKE ADDED	PDS CONC	PDS %REC	PDSD CONC	PDSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Antimony	ND	25.00	26.64	107	26.48	106	75-125	1	0-20	
Arsenic	6.972	25.00	33.57	106	32.50	102	75-125	3	0-20	
Barium	162.6	25.00	187.5	4X	188.6	4X	75-125	4X	0-20	Q
Beryllium	0.8240	25.00	27.29	106	26.65	103	75-125	2	0-20	
Cadmium	ND	25.00	24.47	98	24.52	98	75-125	0	0-20	
Chromium	35.27	25.00	60.32	100	60.29	100	75-125	0	0-20	
Cobalt	11.32	25.00	36.08	99	36.30	100	75-125	1	0-20	
Copper	27.92	25.00	53.41	102	53.62	103	75-125	0	0-20	
Lead	16.39	25.00	40.43	96	39.25	91	75-125	3	0-20	
Molybdenum	ND	25.00	24.78	99	24.52	98	75-125	1	0-20	
Nickel	13.92	25.00	38.61	99	38.11	97	75-125	1	0-20	
Selenium	ND	25.00	23.62	94	24.12	96	75-125	2	0-20	
Silver	ND	12.50	10.94	88	10.86	87	75-125	1	0-20	
Thallium	ND	25.00	0.7390	3	1.776	7	75-125	82	0-20	5,X
Vanadium	67.44	25.00	91.59	97	91.91	98	75-125	0	0-20	
Zinc	93.11	25.00	116.8	95	117.4	97	75-125	1	0-20	

Return to Contents

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Accredited in accordance with nelac

Wayne Perry, Inc.		Date Received:	09/28/12
8281 Commonwealth Avenue		Work Order No:	12-09-1846
Buena Park, CA 90621-2537		Preparation:	EPA 3550B
		Method:	EPA 8015B (M)

Project 20001 Brookhurst Ave., Huntington Beach, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
SWN-Fd8	**Solid**	**GC 45**	**10/02/12**	**10/02/12**	**121002S09**

Parameter	SAMPLE CONC	SPIKE ADDED	MS CONC	MS %REC	MSD CONC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Diesel	ND	400.0	437.1	109	432.6	108	64-130	1	0-15	

RPD - Relative Percent Difference , CL - Control Limit

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Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Wayne Perry, Inc.		Date Received:	09/28/12
8281 Commonwealth Avenue		Work Order No:	12-09-1846
Buena Park, CA 90621-2537		Preparation:	EPA 7471A Total
		Method:	EPA 7471A

Project 20001 Brookhurst Ave., Huntington Beach, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
12-09-1735-2	**Solid**	**Mercury**	**10/01/12**	**10/01/12**	**121001S04**

Parameter	SAMPLE CONC	SPIKE ADDED	MS CONC	MS %REC	MSD CONC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Mercury	ND	0.8350	1.042	125	1.029	123	71-137	1	0-14	

RPD - Relative Percent Difference , CL - Control Limit

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Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Accredited in accordance with nelac

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received: 09/28/12
Work Order No: 12-09-1846
Preparation: EPA 5030C
Method: LUFT GC/MS / EPA 8260B

Project 20001 Brookhurst Ave., Huntington Beach, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
SWS-Ad6	**Solid**	**GC/MS W**	**09/28/12**	**09/29/12**	**120929S01**

Parameter	SAMPLE CONC	SPIKE ADDED	MS CONC	MS %REC	MSD CONC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	ND	25000	24820	99	26020	104	61-127	5	0-20	
Carbon Tetrachloride	ND	25000	24730	99	19400	78	51-135	24	0-29	
Chlorobenzene	ND	25000	24730	99	26480	106	57-123	7	0-20	
1,2-Dibromoethane	ND	25000	25130	101	25700	103	64-124	2	0-20	
1,2-Dichlorobenzene	ND	25000	24210	97	25570	102	35-131	5	0-25	
1,2-Dichloroethane	ND	25000	24510	98	24650	99	80-120	1	0-20	
1,1-Dichloroethene	ND	25000	21620	86	22270	89	47-143	3	0-25	
Ethylbenzene	12350	25000	36280	96	38020	103	57-129	5	0-22	
Toluene	3471	25000	28210	99	30280	107	63-123	7	0-20	
Trichloroethene	ND	25000	24670	99	25770	103	44-158	4	0-20	
Vinyl Chloride	ND	25000	25390	102	38080	152	49-139	40	0-47	3
Xylenes (total)	94840	75000	153700	78	159100	86	70-130	3	0-30	
Methyl-t-Butyl Ether (MTBE)	ND	25000	22410	90	20250	81	57-123	10	0-21	
Tert-Butyl Alcohol (TBA)	ND	125000	123500	99	129600	104	30-168	5	0-34	
Diisopropyl Ether (DIPE)	ND	25000	23490	94	24790	99	57-129	5	0-20	
Ethyl-t-Butyl Ether (ETBE)	ND	25000	23710	95	23570	94	55-127	1	0-20	
Tert-Amyl-Methyl Ether (TAME)	ND	25000	24230	97	24430	98	58-124	1	0-20	
Ethanol	ND	250000	227700	91	399700	160	17-167	55	0-47	4

RPD - Relative Percent Difference , CL - Control Limit

Return to Contents

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Accredited in accordance with nelac

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received: 09/28/12
Work Order No: 12-09-1846
Preparation: EPA 5030C
Method: LUFT GC/MS / EPA 8260B

Project 20001 Brookhurst Ave., Huntington Beach, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
SWW-Ad6	**Solid**	**GC/MS UU**	**09/28/12**	**09/29/12**	**120929S01**

Parameter	SAMPLE CONC	SPIKE ADDED	MS CONC	MS %REC	MSD CONC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	ND	50.00	45.79	92	44.57	89	61-127	3	0-20	
Carbon Tetrachloride	ND	50.00	46.99	94	47.87	96	51-135	2	0-29	
Chlorobenzene	ND	50.00	46.56	93	46.45	93	57-123	0	0-20	
1,2-Dibromoethane	ND	50.00	47.23	94	47.45	95	64-124	0	0-20	
1,2-Dichlorobenzene	ND	50.00	47.02	94	47.99	96	35-131	2	0-25	
1,2-Dichloroethane	ND	50.00	45.56	91	44.31	89	80-120	3	0-20	
1,1-Dichloroethene	ND	50.00	41.47	83	40.76	82	47-143	2	0-25	
Ethylbenzene	ND	50.00	47.19	94	46.68	93	57-129	1	0-22	
Toluene	ND	50.00	46.09	92	45.49	91	63-123	1	0-20	
Trichloroethene	ND	50.00	45.94	92	45.63	91	44-158	1	0-20	
Vinyl Chloride	ND	50.00	42.92	86	40.24	80	49-139	6	0-47	
Xylenes (total)	ND	150.0	144.5	96	148.5	99	70-130	3	0-30	
Methyl-t-Butyl Ether (MTBE)	ND	50.00	44.57	89	45.79	92	57-123	3	0-21	
Tert-Butyl Alcohol (TBA)	ND	250.0	230.2	92	233.6	93	30-168	1	0-34	
Diisopropyl Ether (DIPE)	ND	50.00	48.63	97	49.14	98	57-129	1	0-20	
Ethyl-t-Butyl Ether (ETBE)	ND	50.00	40.73	81	41.69	83	55-127	2	0-20	
Tert-Amyl-Methyl Ether (TAME)	ND	50.00	47.27	95	45.80	92	58-124	3	0-20	
Ethanol	ND	500.0	489.9	98	440.2	88	17-167	11	0-47	

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RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Accredited in accordance with nelac

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received: 09/28/12
Work Order No: 12-09-1846
Preparation: EPA 5030C
Method: LUFT GC/MS / EPA 8260B

Project 20001 Brookhurst Ave., Huntington Beach, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
12-09-1862-2	**Solid**	**GC/MS RR**	**09/29/12**	**09/29/12**	**120929S01**

Parameter	SAMPLE CONC	SPIKE ADDED	MS CONC	MS %REC	MSD CONC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	ND	50.00	44.67	89	46.94	94	61-127	5	0-20	
Carbon Tetrachloride	ND	50.00	41.24	82	45.22	90	51-135	9	0-29	
Chlorobenzene	ND	50.00	45.73	91	48.02	96	57-123	5	0-20	
1,2-Dibromoethane	ND	50.00	45.67	91	48.50	97	64-124	6	0-20	
1,2-Dichlorobenzene	ND	50.00	44.62	89	47.72	95	35-131	7	0-25	
1,2-Dichloroethane	ND	50.00	46.92	94	49.01	98	80-120	4	0-20	
1,1-Dichloroethene	ND	50.00	43.02	86	45.37	91	47-143	5	0-25	
Ethylbenzene	ND	50.00	48.40	97	50.70	101	57-129	5	0-22	
Toluene	ND	50.00	47.06	94	48.74	97	63-123	4	0-20	
Trichloroethene	ND	50.00	48.87	98	50.57	101	44-158	3	0-20	
Vinyl Chloride	ND	50.00	37.57	75	42.54	85	49-139	12	0-47	
Xylenes (total)	ND	150.0	143.6	96	150.3	100	70-130	5	0-30	
Methyl-t-Butyl Ether (MTBE)	ND	50.00	40.33	81	41.49	83	57-123	3	0-21	
Tert-Butyl Alcohol (TBA)	ND	250.0	243.2	97	216.0	86	30-168	12	0-34	
Diisopropyl Ether (DIPE)	ND	50.00	45.11	90	47.21	94	57-129	5	0-20	
Ethyl-t-Butyl Ether (ETBE)	ND	50.00	41.26	83	42.75	85	55-127	4	0-20	
Tert-Amyl-Methyl Ether (TAME)	ND	50.00	41.33	83	43.87	88	58-124	6	0-20	
Ethanol	ND	500.0	707.5	142	616.1	123	17-167	14	0-47	

Return to Contents

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Accredited in accordance with nelac

Wayne Perry, Inc.		Date Received:	09/28/12
8281 Commonwealth Avenue		Work Order No:	12-09-1846
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	EPA 8260B

Project 20001 Brookhurst Ave., Huntington Beach, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
12-09-1252-2	**Solid**	**GC/MS W**	**10/01/12**	**10/01/12**	**121001S01**

Parameter	SAMPLE CONC	SPIKE ADDED	MS CONC	MS %REC	MSD CONC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	ND	50.00	45.53	91	45.57	91	61-127	0	0-20	
Carbon Tetrachloride	ND	50.00	47.86	96	47.67	95	51-135	0	0-29	
Chlorobenzene	ND	50.00	47.35	95	47.67	95	57-123	1	0-20	
1,2-Dibromoethane	ND	50.00	48.58	97	48.23	96	64-124	1	0-20	
1,2-Dichlorobenzene	ND	50.00	45.43	91	46.11	92	35-131	1	0-25	
1,2-Dichloroethane	ND	50.00	47.98	96	47.29	95	80-120	1	0-20	
1,1-Dichloroethene	ND	50.00	41.03	82	40.12	80	47-143	2	0-25	
Ethylbenzene	ND	50.00	47.94	96	48.46	97	57-129	1	0-22	
Toluene	ND	50.00	47.57	95	47.51	95	63-123	0	0-20	
Trichloroethene	ND	50.00	47.72	95	47.00	94	44-158	2	0-20	
Vinyl Chloride	ND	50.00	45.75	92	45.56	91	49-139	0	0-47	
Xylenes (total)	ND	150.0	145.7	97	147.0	98	70-130	1	0-30	
Methyl-t-Butyl Ether (MTBE)	ND	50.00	44.71	89	42.98	86	57-123	4	0-21	
Tert-Butyl Alcohol (TBA)	ND	250.0	256.5	103	241.8	97	30-168	6	0-34	
Diisopropyl Ether (DIPE)	ND	50.00	45.64	91	44.77	90	57-129	2	0-20	
Ethyl-t-Butyl Ether (ETBE)	ND	50.00	46.92	94	46.37	93	55-127	1	0-20	
Tert-Amyl-Methyl Ether (TAME)	ND	50.00	47.49	95	47.62	95	58-124	0	0-20	
Ethanol	ND	500.0	504.7	101	440.3	88	17-167	14	0-47	

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RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Accredited in accordance with nelac

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received: N/A
Work Order No: 12-09-1846
Preparation: EPA 3050B
Method: EPA 6010B

Project: 20001 Brookhurst Ave., Huntington Beach, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
097-01-002-16,234	Solid	ICP 7300	10/01/12	10/01/12	121001L01

Parameter	SPIKE ADDED	LCS CONC	LCS %REC	LCSD CONC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Antimony	25.00	29.29	117	28.05	112	80-120	73-127	4	0-20	
Arsenic	25.00	27.93	112	26.45	106	80-120	73-127	5	0-20	
Barium	25.00	28.40	114	27.52	110	80-120	73-127	3	0-20	
Beryllium	25.00	27.75	111	26.34	105	80-120	73-127	5	0-20	
Cadmium	25.00	28.02	112	26.98	108	80-120	73-127	4	0-20	
Chromium	25.00	28.27	113	27.20	109	80-120	73-127	4	0-20	
Cobalt	25.00	29.16	117	28.00	112	80-120	73-127	4	0-20	
Copper	25.00	27.11	108	26.02	104	80-120	73-127	4	0-20	
Lead	25.00	27.10	108	25.97	104	80-120	73-127	4	0-20	
Molybdenum	25.00	27.79	111	26.55	106	80-120	73-127	5	0-20	
Nickel	25.00	29.16	117	27.92	112	80-120	73-127	4	0-20	
Selenium	25.00	27.95	112	26.90	108	80-120	73-127	4	0-20	
Silver	12.50	13.63	109	13.08	105	80-120	73-127	4	0-20	
Thallium	25.00	27.26	109	25.65	103	80-120	73-127	6	0-20	
Vanadium	25.00	27.28	109	26.12	104	80-120	73-127	4	0-20	
Zinc	25.00	28.44	114	27.48	110	80-120	73-127	3	0-20	

Total number of LCS compounds : 16
Total number of ME compounds : 0
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

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RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Accredited in accordance with nelac

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received: N/A
Work Order No: 12-09-1846
Preparation: EPA 3550B
Method: EPA 8015B (M)

Project: 20001 Brookhurst Ave., Huntington Beach, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-15-484-68	Solid	GC 45	10/02/12	10/02/12	121002B09

Parameter	SPIKE ADDED	LCS CONC	LCS %REC	LCSD CONC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Diesel	400.0	415.5	104	412.4	103	75-123	1	0-12	

RPD - Relative Percent Difference , CL - Control Limit

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Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received:	N/A
Work Order No:	12-09-1846
Preparation:	EPA 7471A Total
Method:	EPA 7471A

Project: 20001 Brookhurst Ave., Huntington Beach, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-04-007-8,912	**Solid**	**Mercury**	**10/01/12**	**10/01/12**	**121001L04**

Parameter	SPIKE ADDED	LCS CONC	LCS %REC	LCSD CONC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Mercury	0.8350	0.8423	101	0.8511	102	85-121	1	0-10	

RPD - Relative Percent Difference , CL - Control Limit

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Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Accredited in accordance with nelac

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received: N/A
Work Order No: 12-09-1846
Preparation: EPA 5030C
Method: LUFT GC/MS / EPA 8260B

Project: 20001 Brookhurst Ave., Huntington Beach, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-798-1,519	Solid	GC/MS W	09/29/12	09/29/12	120929L01

Parameter	SPIKE ADDED	LCS CONC	LCS %REC	LCSD CONC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	50.00	51.97	104	51.51	103	78-120	71-127	1	0-20	
Carbon Tetrachloride	50.00	58.67	117	57.67	115	49-139	34-154	2	0-20	
Chlorobenzene	50.00	54.13	108	53.35	107	79-120	72-127	1	0-20	
1,2-Dibromoethane	50.00	55.86	112	54.05	108	80-120	73-127	3	0-20	
1,2-Dichlorobenzene	50.00	53.15	106	51.10	102	75-120	68-128	4	0-20	
1,2-Dichloroethane	50.00	56.15	112	54.57	109	80-120	73-127	3	0-20	
1,1-Dichloroethene	50.00	47.35	95	46.56	93	74-122	66-130	2	0-20	
Ethylbenzene	50.00	56.20	112	54.89	110	76-120	69-127	2	0-20	
Toluene	50.00	54.09	108	53.30	107	77-120	70-127	1	0-20	
Trichloroethene	50.00	53.42	107	52.27	105	80-120	73-127	2	0-20	
Vinyl Chloride	50.00	53.18	106	52.75	106	68-122	59-131	1	0-20	
Xylenes (total)	150.0	170.1	113	165.6	110	75-125	67-133	3	0-25	
Methyl-t-Butyl Ether (MTBE)	50.00	48.05	96	47.64	95	77-120	70-127	1	0-20	
Tert-Butyl Alcohol (TBA)	250.0	289.6	116	265.1	106	68-122	59-131	9	0-20	
Diisopropyl Ether (DIPE)	50.00	50.67	101	49.99	100	78-120	71-127	1	0-20	
Ethyl-t-Butyl Ether (ETBE)	50.00	50.46	101	50.20	100	78-120	71-127	1	0-20	
Tert-Amyl-Methyl Ether (TAME)	50.00	52.58	105	51.73	103	75-120	68-128	2	0-20	
Ethanol	500.0	554.2	111	477.4	95	56-140	42-154	15	0-20	

Total number of LCS compounds : 18
Total number of ME compounds : 0
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit

7440 Lincoln Way, Garden Grove, CA 92841-1427 • TEL:(714) 895-5494 • FAX: (714) 894-7501

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Accredited in accordance with nelac

Wayne Perry, Inc.		Date Received:	N/A
8281 Commonwealth Avenue		Work Order No:	12-09-1846
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	LUFT GC/MS / EPA 8260B

Project: 20001 Brookhurst Ave., Huntington Beach, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-798-1,518	Solid	GC/MS RR	09/29/12	09/29/12	120929L01

Parameter	SPIKE ADDED	LCS CONC	LCS %REC	LCSD CONC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	50.00	50.55	101	50.20	100	78-120	71-127	1	0-20	
Carbon Tetrachloride	50.00	52.87	106	52.28	105	49-139	34-154	1	0-20	
Chlorobenzene	50.00	52.09	104	51.08	102	79-120	72-127	2	0-20	
1,2-Dibromoethane	50.00	52.75	105	52.06	104	80-120	73-127	1	0-20	
1,2-Dichlorobenzene	50.00	50.60	101	50.11	100	75-120	68-128	1	0-20	
1,2-Dichloroethane	50.00	54.86	110	53.60	107	80-120	73-127	2	0-20	
1,1-Dichloroethene	50.00	49.42	99	48.83	98	74-122	66-130	1	0-20	
Ethylbenzene	50.00	54.19	108	52.79	106	76-120	69-127	3	0-20	
Toluene	50.00	53.25	106	51.74	103	77-120	70-127	3	0-20	
Trichloroethene	50.00	53.92	108	53.31	107	80-120	73-127	1	0-20	
Vinyl Chloride	50.00	42.37	85	41.78	84	68-122	59-131	1	0-20	
Xylenes (total)	150.0	159.8	107	157.9	105	75-125	67-133	1	0-25	
Methyl-t-Butyl Ether (MTBE)	50.00	47.00	94	45.86	92	77-120	70-127	2	0-20	
Tert-Butyl Alcohol (TBA)	250.0	248.6	99	240.8	96	68-122	59-131	3	0-20	
Diisopropyl Ether (DIPE)	50.00	53.02	106	52.06	104	78-120	71-127	2	0-20	
Ethyl-t-Butyl Ether (ETBE)	50.00	49.10	98	47.90	96	78-120	71-127	2	0-20	
Tert-Amyl-Methyl Ether (TAME)	50.00	48.92	98	48.50	97	75-120	68-128	1	0-20	
Ethanol	500.0	638.6	128	592.5	119	56-140	42-154	7	0-20	

Total number of LCS compounds : 18
Total number of ME compounds : 0
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

Return to Contents

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Accredited in accordance with nelac

Wayne Perry, Inc.		Date Received:	N/A
8281 Commonwealth Avenue		Work Order No:	12-09-1846
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	LUFT GC/MS / EPA 8260B

Project: 20001 Brookhurst Ave., Huntington Beach, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-798-1,517	Solid	GC/MS UU	09/29/12	09/29/12	120929L01

Parameter	SPIKE ADDED	LCS CONC	LCS %REC	LCSD CONC	LCSD %REC	%REC CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	50.00	48.76	98	48.37	97	78-120	71-127	1	0-20	
Carbon Tetrachloride	50.00	51.96	104	53.27	107	49-139	34-154	2	0-20	
Chlorobenzene	50.00	50.79	102	51.57	103	79-120	72-127	2	0-20	
1,2-Dibromoethane	50.00	55.49	111	54.07	108	80-120	73-127	3	0-20	
1,2-Dichlorobenzene	50.00	53.39	107	52.93	106	75-120	68-128	1	0-20	
1,2-Dichloroethane	50.00	50.28	101	49.86	100	80-120	73-127	1	0-20	
1,1-Dichloroethene	50.00	42.00	84	43.88	88	74-122	66-130	4	0-20	
Ethylbenzene	50.00	51.64	103	50.77	102	76-120	69-127	2	0-20	
Toluene	50.00	49.39	99	49.45	99	77-120	70-127	0	0-20	
Trichloroethene	50.00	49.18	98	47.96	96	80-120	73-127	3	0-20	
Vinyl Chloride	50.00	41.95	84	42.31	85	68-122	59-131	1	0-20	
Xylenes (total)	150.0	162.0	108	162.0	108	75-125	67-133	0	0-25	
Methyl-t-Butyl Ether (MTBE)	50.00	47.46	95	42.70	85	77-120	70-127	11	0-20	
Tert-Butyl Alcohol (TBA)	250.0	228.9	92	235.0	94	68-122	59-131	3	0-20	
Diisopropyl Ether (DIPE)	50.00	51.51	103	51.21	102	78-120	71-127	1	0-20	
Ethyl-t-Butyl Ether (ETBE)	50.00	43.40	87	43.72	87	78-120	71-127	1	0-20	
Tert-Amyl-Methyl Ether (TAME)	50.00	51.24	102	49.10	98	75-120	68-128	4	0-20	
Ethanol	500.0	452.2	90	520.4	104	56-140	42-154	14	0-20	

Total number of LCS compounds : 18
Total number of ME compounds : 0
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

Return to Contents

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Accredited in accordance with nelac

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received: N/A
Work Order No: 12-09-1846
Preparation: EPA 5030C
Method: LUFT GC/MS / EPA 8260B

Project: 20001 Brookhurst Ave., Huntington Beach, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-798-1,520	Solid	GC/MS W	09/29/12	09/29/12	120929L02

Parameter	SPIKE ADDED	LCS CONC	LCS %REC	LCSD CONC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	50.00	51.97	104	51.51	103	78-120	71-127	1	0-20	
Carbon Tetrachloride	50.00	58.67	117	57.67	115	49-139	34-154	2	0-20	
Chlorobenzene	50.00	54.13	108	53.35	107	79-120	72-127	1	0-20	
1,2-Dibromoethane	50.00	55.86	112	54.05	108	80-120	73-127	3	0-20	
1,2-Dichlorobenzene	50.00	53.15	106	51.10	102	75-120	68-128	4	0-20	
1,2-Dichloroethane	50.00	56.15	112	54.57	109	80-120	73-127	3	0-20	
1,1-Dichloroethene	50.00	47.35	95	46.56	93	74-122	66-130	2	0-20	
Ethylbenzene	50.00	56.20	112	54.89	110	76-120	69-127	2	0-20	
Toluene	50.00	54.09	108	53.30	107	77-120	70-127	1	0-20	
Trichloroethene	50.00	53.42	107	52.27	105	80-120	73-127	2	0-20	
Vinyl Chloride	50.00	53.18	106	52.75	106	68-122	59-131	1	0-20	
Xylenes (total)	150.0	170.1	113	165.6	110	75-125	67-133	3	0-25	
Methyl-t-Butyl Ether (MTBE)	50.00	48.05	96	47.64	95	77-120	70-127	1	0-20	
Tert-Butyl Alcohol (TBA)	250.0	289.6	116	265.1	106	68-122	59-131	9	0-20	
Diisopropyl Ether (DIPE)	50.00	50.67	101	49.99	100	78-120	71-127	1	0-20	
Ethyl-t-Butyl Ether (ETBE)	50.00	50.46	101	50.20	100	78-120	71-127	1	0-20	
Tert-Amyl-Methyl Ether (TAME)	50.00	52.58	105	51.73	103	75-120	68-128	2	0-20	
Ethanol	500.0	554.2	111	477.4	95	56-140	42-154	15	0-20	

Total number of LCS compounds : 18
Total number of ME compounds : 0
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit

Return to Contents

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received: N/A
Work Order No: 12-09-1846
Preparation: EPA 5030C
Method: LUFT GC/MS / EPA 8260B

Project: 20001 Brookhurst Ave., Huntington Beach, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-798-1,521	Solid	GC/MS RR	09/29/12	09/29/12	120929L02

Parameter	SPIKE ADDED	LCS CONC	LCS %REC	LCSD CONC	LCSD %REC	%REC CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	50.00	50.55	101	50.20	100	78-120	71-127	1	0-20	
Carbon Tetrachloride	50.00	52.87	106	52.28	105	49-139	34-154	1	0-20	
Chlorobenzene	50.00	52.09	104	51.08	102	79-120	72-127	2	0-20	
1,2-Dibromoethane	50.00	52.75	105	52.06	104	80-120	73-127	1	0-20	
1,2-Dichlorobenzene	50.00	50.60	101	50.11	100	75-120	68-128	1	0-20	
1,2-Dichloroethane	50.00	54.86	110	53.60	107	80-120	73-127	2	0-20	
1,1-Dichloroethene	50.00	49.42	99	48.83	98	74-122	66-130	1	0-20	
Ethylbenzene	50.00	54.19	108	52.79	106	76-120	69-127	3	0-20	
Toluene	50.00	53.25	106	51.74	103	77-120	70-127	3	0-20	
Trichloroethene	50.00	53.92	108	53.31	107	80-120	73-127	1	0-20	
Vinyl Chloride	50.00	42.37	85	41.78	84	68-122	59-131	1	0-20	
Xylenes (total)	150.0	159.8	107	157.9	105	75-125	67-133	1	0-25	
Methyl-t-Butyl Ether (MTBE)	50.00	47.00	94	45.86	92	77-120	70-127	2	0-20	
Tert-Butyl Alcohol (TBA)	250.0	248.6	99	240.8	96	68-122	59-131	3	0-20	
Diisopropyl Ether (DIPE)	50.00	53.02	106	52.06	104	78-120	71-127	2	0-20	
Ethyl-t-Butyl Ether (ETBE)	50.00	49.10	98	47.90	96	78-120	71-127	2	0-20	
Tert-Amyl-Methyl Ether (TAME)	50.00	48.92	98	48.50	97	75-120	68-128	1	0-20	
Ethanol	500.0	638.6	128	592.5	119	56-140	42-154	7	0-20	

Total number of LCS compounds : 18
Total number of ME compounds : 0
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

Return to Contents

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Accredited in accordance with nelac

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received: N/A
Work Order No: 12-09-1846
Preparation: EPA 5030C
Method: LUFT GC/MS / EPA 8260B

Project: 20001 Brookhurst Ave., Huntington Beach, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-798-1,522	Solid	GC/MS UU	09/29/12	09/29/12	120929L02

Parameter	SPIKE ADDED	LCS CONC	LCS %REC	LCSD CONC	LCSD %REC	%REC CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	50.00	48.76	98	48.37	97	78-120	71-127	1	0-20	
Carbon Tetrachloride	50.00	51.96	104	53.27	107	49-139	34-154	2	0-20	
Chlorobenzene	50.00	50.79	102	51.57	103	79-120	72-127	2	0-20	
1,2-Dibromoethane	50.00	55.49	111	54.07	108	80-120	73-127	3	0-20	
1,2-Dichlorobenzene	50.00	53.39	107	52.93	106	75-120	68-128	1	0-20	
1,2-Dichloroethane	50.00	50.28	101	49.86	100	80-120	73-127	1	0-20	
1,1-Dichloroethene	50.00	42.00	84	43.88	88	74-122	66-130	4	0-20	
Ethylbenzene	50.00	51.64	103	50.77	102	76-120	69-127	2	0-20	
Toluene	50.00	49.39	99	49.45	99	77-120	70-127	0	0-20	
Trichloroethene	50.00	49.18	98	47.96	96	80-120	73-127	3	0-20	
Vinyl Chloride	50.00	41.95	84	42.31	85	68-122	59-131	1	0-20	
Xylenes (total)	150.0	162.0	108	162.0	108	75-125	67-133	0	0-25	
Methyl-t-Butyl Ether (MTBE)	50.00	47.46	95	42.70	85	77-120	70-127	11	0-20	
Tert-Butyl Alcohol (TBA)	250.0	228.9	92	235.0	94	68-122	59-131	3	0-20	
Diisopropyl Ether (DIPE)	50.00	51.51	103	51.21	102	78-120	71-127	1	0-20	
Ethyl-t-Butyl Ether (ETBE)	50.00	43.40	87	43.72	87	78-120	71-127	1	0-20	
Tert-Amyl-Methyl Ether (TAME)	50.00	51.24	102	49.10	98	75-120	68-128	4	0-20	
Ethanol	500.0	452.2	90	520.4	104	56-140	42-154	14	0-20	

Total number of LCS compounds : 18
Total number of ME compounds : 0
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

Return to Contents

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Accredited in accordance with nelac

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received: N/A
Work Order No: 12-09-1846
Preparation: EPA 5030C
Method: LUFT GC/MS / EPA 8260B

Project: 20001 Brookhurst Ave., Huntington Beach, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-798-1,523	Solid	GC/MS W	10/01/12	10/01/12	121001L02

Parameter	SPIKE ADDED	LCS CONC	LCS %REC	LCSD CONC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	50.00	49.93	100	50.15	100	78-120	71-127	0	0-20	
Carbon Tetrachloride	50.00	54.73	109	56.13	112	49-139	34-154	3	0-20	
Chlorobenzene	50.00	50.89	102	51.60	103	79-120	72-127	1	0-20	
1,2-Dibromoethane	50.00	51.68	103	52.41	105	80-120	73-127	1	0-20	
1,2-Dichlorobenzene	50.00	48.82	98	49.57	99	75-120	68-128	2	0-20	
1,2-Dichloroethane	50.00	51.12	102	52.09	104	80-120	73-127	2	0-20	
1,1-Dichloroethene	50.00	44.96	90	46.07	92	74-122	66-130	2	0-20	
Ethylbenzene	50.00	52.47	105	53.33	107	76-120	69-127	2	0-20	
Toluene	50.00	51.99	104	52.39	105	77-120	70-127	1	0-20	
Trichloroethene	50.00	50.78	102	51.00	102	80-120	73-127	0	0-20	
Vinyl Chloride	50.00	51.79	104	52.14	104	68-122	59-131	1	0-20	
Xylenes (total)	150.0	159.5	106	162.0	108	75-125	67-133	2	0-25	
Methyl-t-Butyl Ether (MTBE)	50.00	46.27	93	47.30	95	77-120	70-127	2	0-20	
Tert-Butyl Alcohol (TBA)	250.0	244.2	98	252.5	101	68-122	59-131	3	0-20	
Diisopropyl Ether (DIPE)	50.00	48.26	97	49.11	98	78-120	71-127	2	0-20	
Ethyl-t-Butyl Ether (ETBE)	50.00	48.59	97	49.17	98	78-120	71-127	1	0-20	
Tert-Amyl-Methyl Ether (TAME)	50.00	50.10	100	51.13	102	75-120	68-128	2	0-20	
Ethanol	500.0	432.9	87	431.7	86	56-140	42-154	0	0-20	

Total number of LCS compounds : 18
Total number of ME compounds : 0
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

Return to Contents

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 12-09-1846

Qualifier	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported without further clarification.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
ME	LCS/LCSD Recovery Percentage is within Marginal Exceedance (ME) Control Limit range.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.
MPN - Most Probable Number

Return to Contents

Calscience Environmental Labs
7440 Lincoln Way
Garden Grove, Ca. 92841-1427
Tel. (714) 895-5494
Fax (714) 894-7501

WAYNE PERRY, INC Chain of Custody for Shell Oil Products

Please Check Appropriate Box:
- [x] ENV. SERVICES
- [ ] MOTIVA RETAIL
- [ ] SHELL RETAIL
- [ ] MOTIVA SD&CM
- [ ] CONSULTANT
- [ ] LUBES
- [ ] SHELL PIPELINE
- [ ] OTHER

Bill To:
Wayne Perry, Inc.
8281 Commonwealth Ave.
Buena Park, Ca 90621

DATE: 9/28/12
PAGE: 1 of 2

SAMPLING COMPANY: Wayne Perry, Inc.
LOG CODE:
SITE ADDRESS: Street and City: 20001 Brookhurst, Huntington Beach
State: CA
Global I. D. Number: T0605900535
ADDRESS: 8281 Commonwealth Ave., Buena Park, CA 90621
EDF DELIVERABLE TO: Shannon Jewell ~~Saied Baleitis~~
PHONE NO.: 714-826-0352
E-MAIL: tbalsitis@wpinc.com
CONSULTANT PROJECT NO.: 11.236
PROJECT CONTACT (Hardcopy or PDF Report to): ~~Chris McDonald~~ Erica Rodriguez erodriguez@wpinc.com
TELEPHONE: 714-826-0352
FAX: 714-523-7880
E-MAIL: ~~cmcdonald@wpinc.com~~ erodriguez
SAMPLER NAME(S) (Print): Kamal Kateb + Erica Rodriguez
FOR LAB USE ONLY: 12-09-1846
TURNAROUND TIME (CALENDAR DAYS):
- [ ] STANDARD (14 DAY)
- [ ] 5 DAYS
- [ ] 3 DAYS
- [ ] 2 DAYS
- [x] 24 HOURS
- [ ] RESULTS NEEDED ON WEEKEND

- [ ] LA - RWQCB REPORT FORMAT
UST Agency:

SPECIAL INSTRUCTIONS OR NOTES:
- [x] SHELL CONTRACT RATE APPLIES
- [ ] STATE REIMBURSEMENT RATE APPLIES
- [ ] EDD NOT NEEDED
- [ ] RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

TEMPERATURE ON RECEIPT °C_____

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	Full Scan 8260B	Test for disposal composite	Container PID Readings or Laboratory Notes
1	EX-Ad10	9/28/12	1100	S				X		1	X	X	
2	SWS-Ad6		1101					X			X		
3	SWW-Ad6		1104					X			X		
4	SWE-Ad6		1109					X			X		
5	SWN-Ad6		1114					X			X		
6	EX-Cd12		1130					X			X	X	
7	SWW-Dd8		1133					X			X		
8	SWN-Cd8		1135					X			X		
9	SWW-Cd8		1131					X			X		
10	SWE-Cd8		1139					X			X		

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
9/28/12	E. Rodriguez 9/28/12		2:45p
E Rodriguez 9/28/12	Danny L CBL	9/28/12	15:27

05/2/06 Revision

Return to Contents

Calscience Environmental Labs
7440 Lincoln Way
Garden Grove, Ca. 92841-1427
Tel. (714) 895-5494
Fax (714) 894-7501

WAYNE PERRY, INC Chain of Custody for Shell Oil Products

Please Check Appropriate Box:
- [x] ENV. SERVICES
- [ ] MOTIVA RETAIL
- [ ] SHELL RETAIL
- [ ] MOTIVA SD&CM
- [ ] CONSULTANT
- [ ] LUBES
- [ ] SHELL PIPELINE
- [ ] OTHER

Bill To:
Wayne Perry, Inc.
8281 Commonwealth Ave.
Buena Park, Ca 90621

DATE: 9/28/12
PAGE: 2 of 2

SAMPLING COMPANY: Wayne Perry, Inc.
LOG CODE:
ADDRESS: 8281 Commonwealth Ave., Buena Park, CA 90621
PROJECT CONTACT (Hardcopy or PDF Report to): ~~Chris McDonald~~ Erica Rodriguez
TELEPHONE: 714-826-0352
FAX: 714-523-7880
E-MAIL: erodriguez@wpinc.com ~~cmcdonald@wpinc.com~~
TURNAROUND TIME (CALENDAR DAYS): [ ] STANDARD (14 DAY) [ ] 5 DAYS [ ] 3 DAYS [ ] 2 DAYS [X] 24 HOURS [ ] RESULTS NEEDED ON WEEKEND
[ ] LA - RWQCB REPORT FORMAT
UST Agency:

SITE ADDRESS: Street and City: 20001 Brookhurst, Huntington Beach
State: CA
Global I. D. Number: T0605900535
EDD DELIVERABLE TO: Shannon Lewell ~~Trued Baleitis~~
PHONE NO.: 714-826-0352
E-MAIL: slewell ~~tbaleitis~~@wpinc.com
CONSULTANT PROJECT NO.: 11.236
SAMPLER NAME(S) (Print): Lamar Katch + Erica Rodriguez
LAB USE ONLY: 12-09-1846

SPECIAL INSTRUCTIONS OR NOTES:
- [x] SHELL CONTRACT RATE APPLIES
- [ ] STATE REIMBURSEMENT RATE APPLIES
- [ ] EDD NOT NEEDED
- [ ] RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	Full Scan 8260	48-28 soil for disposal composite	TEMPERATURE ON RECEIPT °C	Container PID Readings or Laboratory Notes
11	SWE-Dd8	9/28/12	1150	S				X		1	X			
12	EX-Dd12		1144					X			X	X		
13	SWW-Dd8		1145					X			X			
14	SWS-Dd8		1146					X			X			
15	EX-Ed12		1159					X			X	X		
16	SWEFd8		1205					X			X			
17	SWN-Fd8		1207					X			X			
18	SWW-Fd8		1211					X			X			

Relinquished by: (Signature)	Received by: (Signature)	Date	Time
[signature] 9/28/12	S Rodriguez 9/28/12		2:45p
E Rodriguez 9/28/12	Danny Le CCL	9/28/12	15:27

05/3/08 Revision

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Calscience Environmental Laboratories, Inc.

WORK ORDER #: 12-09-1846

SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: WPI

DATE: 09/28/12

TEMPERATURE: Thermometer ID: SC2 (Criteria: 0.0 °C – 6.0 °C, not frozen)

Temperature 4.6 °C - 0.3 °C (CF) = 4.3 °C ☐ Blank ☑ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____).

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ Received at ambient temperature, placed on ice for transport by Courier.

Ambient Temperature: ☐ Air ☐ Filter Initial: BC

CUSTODY SEALS INTACT:

☐ Cooler ☐_____ ☐ No (Not Intact) ☑ Not Present ☐ N/A Initial: BC

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present Initial: [illegible]

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Collection date/time, matrix, and/or # of containers logged in based on sample labels.			
☐ No analysis requested. ☐ Not relinquished. ☐ No date/time relinquished.			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and good condition	☑	☐	☐
Proper containers and sufficient volume for analyses requested	☑	☐	☐
Analyses received within holding time	☑	☐	☐
pH / Res. Chlorine / Diss. Sulfide / Diss. Oxygen received within 24 hours	☐	☐	☑
Proper preservation noted on COC or sample container	☐	☐	☑
☐ Unpreserved vials received for Volatiles analysis			
Volatile analysis container(s) free of headspace	☐	☐	☑
Tedlar bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE:

Solid: ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☑Sleeve (5) ☐EnCores® ☐TerraCores® ☐_____

Water: ☐VOA ☐VOAh ☐VOAna_2 ☐125AGB ☐125AGBh ☐125AGBp ☐1AGB ☐1AGBna_2 ☐1AGBs ☐500AGB ☐500AGJ ☐500AGJs ☐250AGB ☐250CGB ☐250CGBs ☐1PB ☐1PBna ☐500PB ☐250PB ☐250PBn ☐125PB ☐125PBznna ☐100PJ ☐100PJna_2 ☐_____ ☐_____ ☐_____

Air: ☐Tedlar® ☐Summa® **Other:** ☐_____ **Trip Blank Lot#:**_____ **Labeled/Checked by:** [illegible]

Container: C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag E: Envelope **Reviewed by:** [illegible]

Preservative: h: HCL n: HNO_3 na_2: $Na_2S_2O_3$ na: NaOH p: H_3PO_4 s: H_2SO_4 u: Ultra-pure znna: $ZnAc_2$+NaOH f: Filtered **Scanned by:** [illegible]

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Xuan Dang

From: Erica Rodriguez [erodriguez@wpinc.com]
Sent: Tuesday, October 02, 2012 11:42 AM
To: Xuan Dang
Cc: Kristine Dyck
Subject: RE: 20001 Brookhurst Ave., Huntington Beach, CA / CEL 12-09-1846

Option #2 please.

From: Xuan Dang [mailto:xdang@calscience.com]
Sent: Tuesday, October 02, 2012 11:04 AM
To: Erica Rodriguez
Cc: Kristine Dyck
Subject: RE: 20001 Brookhurst Ave., Huntington Beach, CA / CEL 12-09-1846

Erica,

We cannot speciate the TPPH run by 8260. We can add 8015-TPH C4-C12 and 8015-C13-C44 for these samples. Attached are the test codes for the speciated carbon chains for reference. There are two options:

1- Run TPH Carbon chain C6-C44 (the extractable fraction) only or
2- Run TPH Carbon chains C4-C12 (the volatile fraction) and C13-C44 (the extractable fraction)

Let me know which option works best for you.

Best Regards,

Xuan Dang
Project Manager

Calscience

7440 Lincoln Way
Garden Grove, CA 92841-1427
(714) 895-5494
www.calscience.com

From: Erica Rodriguez [mailto:erodriguez@wpinc.com]
Sent: Tuesday, October 02, 2012 7:52 AM
To: Xuan Dang
Cc: Kristine Dyck
Subject: RE: 20001 Brookhurst Ave., Huntington Beach, CA / CEL 12-09-1846

Xuan,
Can the TPPH data be speciated? Can you show what makes up the TPPH values?

If not, can I request the lab to run 8015 for the following samples to speciate the TPH-g? Will you also provide percentages with this data? Please run it on 24 hr TAT. (what is the cost for 24 hr tat?)

SWN-Fd8
EXE-d12

EXD-d12
SWW-Dd8
EXC-d12
SWE-Ad6
SWS-Ad6
EXA-d10

Erica J. Rodriguez

Wayne Perry Inc.

8281 Commonwealth Avenue

Buena Park, CA 90621

(714) 826-0352

From: Xuan Dang [mailto:xdang@calscience.com]
Sent: Monday, October 01, 2012 6:38 PM
To: Erica Rodriguez; Elisabeth Ortega; Mario Milanes; Shannon Jewell
Subject: 20001 Brookhurst Ave., Huntington Beach, CA / CEL 12-09-1846

Best Regards,

Xuan Dang
Project Manager

Calscience

7440 Lincoln Way
Garden Grove, CA 92841-1427
(714) 895-5494
www.calscience.com

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Calscience Environmental Laboratories, Inc.

CALSCIENCE

WORK ORDER NUMBER: 12-09-1862

The difference is service

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Analytical Report For

Client: Wayne Perry, Inc.

Client Project Name: 20001 Brookhurst, Huntington Beach, CA

Attention: Erica Rodriguez
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Approved for release on 10/1/2012 by:
Xuan Dang
Project Manager

ResultLink ›

Email your PM ›

Calscience Environmental Laboratories, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

Calscience Environmental Laboratories, Inc.

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Work Order Number: 12-09-1862

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Calscience Environmental Laboratories, Inc.

ACCREDITED IN ACCORDANCE WITH nelac

Client:	Wayne Perry, Inc. 8281 Commonwealth Avenue Buena Park, CA 90621-2537	Work Order:	12-09-1862
		Project name:	20001 Brookhurst, Huntington Beach, CA
		Received:	09/28/12 17:08
Attn:	Erica Rodriguez		

DETECTIONS SUMMARY

Client Sample ID Analyte	Result	Qualifiers	Reporting Limit	Units	Method	Extraction
EX-Bd12 (12-09-1862-1)						
n-Butylbenzene	**61**		5.0	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
sec-Butylbenzene	**32**		5.0	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
Ethylbenzene	**57**		5.0	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
Isopropylbenzene	**85**		5.0	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
p-Isopropyltoluene	**5.4**		5.0	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
Naphthalene	**140**		50	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
n-Propylbenzene	**460**	J	50*	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
1,2,4-Trimethylbenzene	**81**		5.0	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
1,3,5-Trimethylbenzene	**120**		5.0	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
Xylenes (total)	**13**		5.0	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
TPPH	**51000**		50000	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C

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Subcontracted analyses, if any, are not included in this summary.

*MDL is shown.

Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.		Date Received:	09/28/12
8281 Commonwealth Avenue		Work Order No:	12-09-1862
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/kg
Project: 20001 Brookhurst, Huntington Beach, CA			Page 1 of 4

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
EX-Bd12	**12-09-1862-1-A**	**09/28/12 15:27**	**Solid**	**GC/MS RR**	**09/28/12**	**09/29/12 14:18**	**120929L01**

Comment(s): -Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	120		1		1,1-Dichloropropene	ND	5.0		1	
Benzene	ND	5.0		1		c-1,3-Dichloropropene	ND	5.0		1	
Bromobenzene	ND	5.0		1		t-1,3-Dichloropropene	ND	5.0		1	
Bromochloromethane	ND	5.0		1		Ethylbenzene	57	5.0		1	
Bromodichloromethane	ND	5.0		1		2-Hexanone	ND	50		1	
Bromoform	ND	5.0		1		Isopropylbenzene	85	5.0		1	
Bromomethane	ND	25		1		p-Isopropyltoluene	5.4	5.0		1	
2-Butanone	ND	50		1		Methylene Chloride	ND	50		1	
n-Butylbenzene	61	5.0		1		4-Methyl-2-Pentanone	ND	50		1	
sec-Butylbenzene	32	5.0		1		Naphthalene	140	50		1	
tert-Butylbenzene	ND	5.0		1		n-Propylbenzene	460	500	50	100	J
Carbon Disulfide	ND	50		1		1,1,1,2-Tetrachloroethane	ND	5.0		1	
Carbon Tetrachloride	ND	5.0		1		1,1,2,2-Tetrachloroethane	ND	5.0		1	
Chlorobenzene	ND	5.0		1		Tetrachloroethene	ND	5.0		1	
Chloroethane	ND	5.0		1		Toluene	ND	5.0		1	
Chloroform	ND	5.0		1		1,2,3-Trichlorobenzene	ND	10		1	
Chloromethane	ND	25		1		1,2,4-Trichlorobenzene	ND	5.0		1	
2-Chlorotoluene	ND	5.0		1		1,1,1-Trichloroethane	ND	5.0		1	
4-Chlorotoluene	ND	5.0		1		1,1,2-Trichloroethane	ND	5.0		1	
Dibromochloromethane	ND	5.0		1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50		1	
1,2-Dibromo-3-Chloropropane	ND	25		1		Trichloroethene	ND	5.0		1	
1,2-Dibromoethane	ND	5.0		1		1,2,3-Trichloropropane	ND	5.0		1	
Dibromomethane	ND	5.0		1		1,2,4-Trimethylbenzene	81	5.0		1	
1,2-Dichlorobenzene	ND	5.0		1		Trichlorofluoromethane	ND	50		1	
1,3-Dichlorobenzene	ND	5.0		1		1,3,5-Trimethylbenzene	120	5.0		1	
1,4-Dichlorobenzene	ND	5.0		1		Vinyl Acetate	ND	50		1	
Dichlorodifluoromethane	ND	5.0		1		Vinyl Chloride	ND	5.0		1	
1,1-Dichloroethane	ND	5.0		1		Xylenes (total)	13	5.0		1	
1,2-Dichloroethane	ND	5.0		1		Methyl-t-Butyl Ether (MTBE)	ND	5.0		1	
1,1-Dichloroethene	ND	5.0		1		Tert-Butyl Alcohol (TBA)	ND	50		1	
c-1,2-Dichloroethene	ND	5.0		1		Diisopropyl Ether (DIPE)	ND	10		1	
t-1,2-Dichloroethene	ND	5.0		1		Ethyl-t-Butyl Ether (ETBE)	ND	10		1	
1,2-Dichloropropane	ND	5.0		1		Tert-Amyl-Methyl Ether (TAME)	ND	10		1	
1,3-Dichloropropane	ND	5.0		1		Ethanol	ND	500		1	
2,2-Dichloropropane	ND	5.0		1		TPPH	51000	50000	2500	100	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	110	63-141		1,2-Dichloroethane-d4	108	62-146	
Toluene-d8	104	80-120		1,4-Bromofluorobenzene	107	60-132	
Toluene-d8-TPPH	103	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Wayne Perry, Inc.		Date Received:	09/28/12
8281 Commonwealth Avenue		Work Order No:	12-09-1862
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/kg
Project: 20001 Brookhurst, Huntington Beach, CA			Page 2 of 4

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
EX-Fd12	**12-09-1862-2-A**	**09/28/12 16:00**	**Solid**	**GC/MS RR**	**09/28/12**	**09/29/12 13:52**	**120929L01**

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	120		1		1,1-Dichloropropene	ND	5.0		1	
Benzene	ND	5.0		1		c-1,3-Dichloropropene	ND	5.0		1	
Bromobenzene	ND	5.0		1		t-1,3-Dichloropropene	ND	5.0		1	
Bromochloromethane	ND	5.0		1		Ethylbenzene	ND	5.0		1	
Bromodichloromethane	ND	5.0		1		2-Hexanone	ND	50		1	
Bromoform	ND	5.0		1		Isopropylbenzene	ND	5.0		1	
Bromomethane	ND	25		1		p-Isopropyltoluene	ND	5.0		1	
2-Butanone	ND	50		1		Methylene Chloride	ND	50		1	
n-Butylbenzene	ND	5.0		1		4-Methyl-2-Pentanone	ND	50		1	
sec-Butylbenzene	ND	5.0		1		Naphthalene	ND	50		1	
tert-Butylbenzene	ND	5.0		1		n-Propylbenzene	ND	5.0		1	
Carbon Disulfide	ND	50		1		1,1,1,2-Tetrachloroethane	ND	5.0		1	
Carbon Tetrachloride	ND	5.0		1		1,1,2,2-Tetrachloroethane	ND	5.0		1	
Chlorobenzene	ND	5.0		1		Tetrachloroethene	ND	5.0		1	
Chloroethane	ND	5.0		1		Toluene	ND	5.0		1	
Chloroform	ND	5.0		1		1,2,3-Trichlorobenzene	ND	10		1	
Chloromethane	ND	25		1		1,2,4-Trichlorobenzene	ND	5.0		1	
2-Chlorotoluene	ND	5.0		1		1,1,1-Trichloroethane	ND	5.0		1	
4-Chlorotoluene	ND	5.0		1		1,1,2-Trichloroethane	ND	5.0		1	
Dibromochloromethane	ND	5.0		1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50		1	
1,2-Dibromo-3-Chloropropane	ND	25		1		Trichloroethene	ND	5.0		1	
1,2-Dibromoethane	ND	5.0		1		1,2,3-Trichloropropane	ND	5.0		1	
Dibromomethane	ND	5.0		1		1,2,4-Trimethylbenzene	ND	5.0		1	
1,2-Dichlorobenzene	ND	5.0		1		Trichlorofluoromethane	ND	50		1	
1,3-Dichlorobenzene	ND	5.0		1		1,3,5-Trimethylbenzene	ND	5.0		1	
1,4-Dichlorobenzene	ND	5.0		1		Vinyl Acetate	ND	50		1	
Dichlorodifluoromethane	ND	5.0		1		Vinyl Chloride	ND	5.0		1	
1,1-Dichloroethane	ND	5.0		1		Xylenes (total)	ND	5.0		1	
1,2-Dichloroethane	ND	5.0		1		Methyl-t-Butyl Ether (MTBE)	ND	5.0		1	
1,1-Dichloroethene	ND	5.0		1		Tert-Butyl Alcohol (TBA)	ND	50		1	
c-1,2-Dichloroethene	ND	5.0		1		Diisopropyl Ether (DIPE)	ND	10		1	
t-1,2-Dichloroethene	ND	5.0		1		Ethyl-t-Butyl Ether (ETBE)	ND	10		1	
1,2-Dichloropropane	ND	5.0		1		Tert-Amyl-Methyl Ether (TAME)	ND	10		1	
1,3-Dichloropropane	ND	5.0		1		Ethanol	ND	500		1	
2,2-Dichloropropane	ND	5.0		1		TPPH	ND	500		1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	104	63-141		1,2-Dichloroethane-d4	103	62-146	
Toluene-d8	104	80-120		1,4-Bromofluorobenzene	104	60-132	
Toluene-d8-TPPH	103	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received:	09/28/12
Work Order No:	12-09-1862
Preparation:	EPA 5030C
Method:	LUFT GC/MS / EPA 8260B
Units:	ug/kg

Project: 20001 Brookhurst, Huntington Beach, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-798-1,518**	**N/A**	**Solid**	**GC/MS RR**	**09/29/12**	**09/29/12 13:25**	**120929L01**

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	120		1		1,1-Dichloropropene	ND	5.0		1	
Benzene	ND	5.0		1		c-1,3-Dichloropropene	ND	5.0		1	
Bromobenzene	ND	5.0		1		t-1,3-Dichloropropene	ND	5.0		1	
Bromochloromethane	ND	5.0		1		Ethylbenzene	ND	5.0		1	
Bromodichloromethane	ND	5.0		1		2-Hexanone	ND	50		1	
Bromoform	ND	5.0		1		Isopropylbenzene	ND	5.0		1	
Bromomethane	ND	25		1		p-Isopropyltoluene	ND	5.0		1	
2-Butanone	ND	50		1		Methylene Chloride	ND	50		1	
n-Butylbenzene	ND	5.0		1		4-Methyl-2-Pentanone	ND	50		1	
sec-Butylbenzene	ND	5.0		1		Naphthalene	ND	50		1	
tert-Butylbenzene	ND	5.0		1		n-Propylbenzene	ND	5.0		1	
Carbon Disulfide	ND	50		1		1,1,1,2-Tetrachloroethane	ND	5.0		1	
Carbon Tetrachloride	ND	5.0		1		1,1,2,2-Tetrachloroethane	ND	5.0		1	
Chlorobenzene	ND	5.0		1		Tetrachloroethene	ND	5.0		1	
Chloroethane	ND	5.0		1		Toluene	ND	5.0		1	
Chloroform	ND	5.0		1		1,2,3-Trichlorobenzene	ND	10		1	
Chloromethane	ND	25		1		1,2,4-Trichlorobenzene	ND	5.0		1	
2-Chlorotoluene	ND	5.0		1		1,1,1-Trichloroethane	ND	5.0		1	
4-Chlorotoluene	ND	5.0		1		1,1,2-Trichloroethane	ND	5.0		1	
Dibromochloromethane	ND	5.0		1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50		1	
1,2-Dibromo-3-Chloropropane	ND	25		1		Trichloroethene	ND	5.0		1	
1,2-Dibromoethane	ND	5.0		1		1,2,3-Trichloropropane	ND	5.0		1	
Dibromomethane	ND	5.0		1		1,2,4-Trimethylbenzene	ND	5.0		1	
1,2-Dichlorobenzene	ND	5.0		1		Trichlorofluoromethane	ND	50		1	
1,3-Dichlorobenzene	ND	5.0		1		1,3,5-Trimethylbenzene	ND	5.0		1	
1,4-Dichlorobenzene	ND	5.0		1		Vinyl Acetate	ND	50		1	
Dichlorodifluoromethane	ND	5.0		1		Vinyl Chloride	ND	5.0		1	
1,1-Dichloroethane	ND	5.0		1		Xylenes (total)	ND	5.0		1	
1,2-Dichloroethane	ND	5.0		1		Methyl-t-Butyl Ether (MTBE)	ND	5.0		1	
1,1-Dichloroethene	ND	5.0		1		Tert-Butyl Alcohol (TBA)	ND	50		1	
c-1,2-Dichloroethene	ND	5.0		1		Diisopropyl Ether (DIPE)	ND	10		1	
t-1,2-Dichloroethene	ND	5.0		1		Ethyl-t-Butyl Ether (ETBE)	ND	10		1	
1,2-Dichloropropane	ND	5.0		1		Tert-Amyl-Methyl Ether (TAME)	ND	10		1	
1,3-Dichloropropane	ND	5.0		1		Ethanol	ND	500		1	
2,2-Dichloropropane	ND	5.0		1		TPPH	ND	500		1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	101	63-141		1,2-Dichloroethane-d4	101	62-146	
Toluene-d8	104	80-120		1,4-Bromofluorobenzene	105	60-132	
Toluene-d8-TPPH	103	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

7440 Lincoln Way, Garden Grove, CA 92841-1427 • TEL:(714) 895-5494 • FAX: (714) 894-7501

Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received:	09/28/12
Work Order No:	12-09-1862
Preparation:	EPA 5030C
Method:	LUFT GC/MS / EPA 8260B
Units:	ug/kg

Project: 20001 Brookhurst, Huntington Beach, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-798-1,521**	**N/A**	**Solid**	**GC/MS RR**	**09/29/12**	**09/29/12 12:58**	**120929L02**

Comment(s): -Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	12000	620	100		1,1-Dichloropropene	ND	500	33	100	
Benzene	ND	500	13	100		c-1,3-Dichloropropene	ND	500	25	100	
Bromobenzene	ND	500	21	100		t-1,3-Dichloropropene	ND	500	61	100	
Bromochloromethane	ND	500	69	100		Ethylbenzene	ND	500	15	100	
Bromodichloromethane	ND	500	23	100		2-Hexanone	ND	5000	180	100	
Bromoform	ND	500	79	100		Isopropylbenzene	ND	500	55	100	
Bromomethane	ND	2500	940	100		p-Isopropyltoluene	ND	500	63	100	
2-Butanone	ND	5000	380	100		Methylene Chloride	ND	5000	130	100	
n-Butylbenzene	ND	500	16	100		4-Methyl-2-Pentanone	ND	5000	430	100	
sec-Butylbenzene	ND	500	58	100		Naphthalene	ND	5000	81	100	
tert-Butylbenzene	ND	500	15	100		n-Propylbenzene	ND	500	50	100	
Carbon Disulfide	ND	5000	31	100		1,1,1,2-Tetrachloroethane	ND	500	24	100	
Carbon Tetrachloride	ND	500	28	100		1,1,2,2-Tetrachloroethane	ND	500	35	100	
Chlorobenzene	ND	500	22	100		Tetrachloroethene	ND	500	21	100	
Chloroethane	ND	500	150	100		Toluene	ND	500	52	100	
Chloroform	ND	500	24	100		1,2,3-Trichlorobenzene	ND	1000	91	100	
Chloromethane	ND	2500	30	100		1,2,4-Trichlorobenzene	ND	500	31	100	
2-Chlorotoluene	ND	500	23	100		1,1,1-Trichloroethane	ND	500	23	100	
4-Chlorotoluene	ND	500	21	100		1,1,2-Trichloroethane	ND	500	35	100	
Dibromochloromethane	ND	500	57	100		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	5000	35	100	
1,2-Dibromo-3-Chloropropane	ND	2500	170	100		Trichloroethene	ND	500	30	100	
1,2-Dibromoethane	ND	500	26	100		1,2,3-Trichloropropane	ND	500	83	100	
Dibromomethane	ND	500	77	100		1,2,4-Trimethylbenzene	ND	500	59	100	
1,2-Dichlorobenzene	ND	500	23	100		Trichlorofluoromethane	ND	5000	38	100	
1,3-Dichlorobenzene	ND	500	18	100		1,3,5-Trimethylbenzene	ND	500	55	100	
1,4-Dichlorobenzene	ND	500	22	100		Vinyl Acetate	ND	5000	470	100	
Dichlorodifluoromethane	ND	500	44	100		Vinyl Chloride	ND	500	50	100	
1,1-Dichloroethane	ND	500	21	100		Xylenes (total)	ND	500	56	100	
1,2-Dichloroethane	ND	500	31	100		Methyl-t-Butyl Ether (MTBE)	ND	500	30	100	
1,1-Dichloroethene	ND	500	35	100		Tert-Butyl Alcohol (TBA)	ND	5000	520	100	
c-1,2-Dichloroethene	ND	500	28	100		Diisopropyl Ether (DIPE)	ND	1000	48	100	
t-1,2-Dichloroethene	ND	500	51	100		Ethyl-t-Butyl Ether (ETBE)	ND	1000	51	100	
1,2-Dichloropropane	ND	500	44	100		Tert-Amyl-Methyl Ether (TAME)	ND	1000	35	100	
1,3-Dichloropropane	ND	500	25	100		Ethanol	ND	50000	8400	100	
2,2-Dichloropropane	ND	500	33	100		TPPH	ND	50000	2500	100	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	102	63-141		1,2-Dichloroethane-d4	100	62-146	
Toluene-d8	102	80-120		1,4-Bromofluorobenzene	104	60-132	
Toluene-d8-TPPH	102	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Accredited in accordance with nelac

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received: 09/28/12
Work Order No: 12-09-1862
Preparation: EPA 5030C
Method: LUFT GC/MS / EPA 8260B

Project 20001 Brookhurst, Huntington Beach, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
EX-Fd12	**Solid**	**GC/MS RR**	**09/29/12**	**09/29/12**	**120929S01**

Parameter	SAMPLE CONC	SPIKE ADDED	MS CONC	MS %REC	MSD CONC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	ND	50.00	44.67	89	46.94	94	61-127	5	0-20	
Carbon Tetrachloride	ND	50.00	41.24	82	45.22	90	51-135	9	0-29	
Chlorobenzene	ND	50.00	45.73	91	48.02	96	57-123	5	0-20	
1,2-Dibromoethane	ND	50.00	45.67	91	48.50	97	64-124	6	0-20	
1,2-Dichlorobenzene	ND	50.00	44.62	89	47.72	95	35-131	7	0-25	
1,2-Dichloroethane	ND	50.00	46.92	94	49.01	98	80-120	4	0-20	
1,1-Dichloroethene	ND	50.00	43.02	86	45.37	91	47-143	5	0-25	
Ethylbenzene	ND	50.00	48.40	97	50.70	101	57-129	5	0-22	
Toluene	ND	50.00	47.06	94	48.74	97	63-123	4	0-20	
Trichloroethene	ND	50.00	48.87	98	50.57	101	44-158	3	0-20	
Vinyl Chloride	ND	50.00	37.57	75	42.54	85	49-139	12	0-47	
Xylenes (total)	ND	150.0	143.6	96	150.3	100	70-130	5	0-30	
Methyl-t-Butyl Ether (MTBE)	ND	50.00	40.33	81	41.49	83	57-123	3	0-21	
Tert-Butyl Alcohol (TBA)	ND	250.0	243.2	97	216.0	86	30-168	12	0-34	
Diisopropyl Ether (DIPE)	ND	50.00	45.11	90	47.21	94	57-129	5	0-20	
Ethyl-t-Butyl Ether (ETBE)	ND	50.00	41.26	83	42.75	85	55-127	4	0-20	
Tert-Amyl-Methyl Ether (TAME)	ND	50.00	41.33	83	43.87	88	58-124	6	0-20	
Ethanol	ND	500.0	707.5	142	616.1	123	17-167	14	0-47	

Return to Contents

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received: N/A
Work Order No: 12-09-1862
Preparation: EPA 5030C
Method: LUFT GC/MS / EPA 8260B

Project: 20001 Brookhurst, Huntington Beach, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-798-1,518	Solid	GC/MS RR	09/29/12	09/29/12	120929L01

Parameter	SPIKE ADDED	LCS CONC	LCS %REC	LCSD CONC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	50.00	50.55	101	50.20	100	78-120	71-127	1	0-20	
Carbon Tetrachloride	50.00	52.87	106	52.28	105	49-139	34-154	1	0-20	
Chlorobenzene	50.00	52.09	104	51.08	102	79-120	72-127	2	0-20	
1,2-Dibromoethane	50.00	52.75	105	52.06	104	80-120	73-127	1	0-20	
1,2-Dichlorobenzene	50.00	50.60	101	50.11	100	75-120	68-128	1	0-20	
1,2-Dichloroethane	50.00	54.86	110	53.60	107	80-120	73-127	2	0-20	
1,1-Dichloroethene	50.00	49.42	99	48.83	98	74-122	66-130	1	0-20	
Ethylbenzene	50.00	54.19	108	52.79	106	76-120	69-127	3	0-20	
Toluene	50.00	53.25	106	51.74	103	77-120	70-127	3	0-20	
Trichloroethene	50.00	53.92	108	53.31	107	80-120	73-127	1	0-20	
Vinyl Chloride	50.00	42.37	85	41.78	84	68-122	59-131	1	0-20	
Xylenes (total)	150.0	159.8	107	157.9	105	75-125	67-133	1	0-25	
Methyl-t-Butyl Ether (MTBE)	50.00	47.00	94	45.86	92	77-120	70-127	2	0-20	
Tert-Butyl Alcohol (TBA)	250.0	248.6	99	240.8	96	68-122	59-131	3	0-20	
Diisopropyl Ether (DIPE)	50.00	53.02	106	52.06	104	78-120	71-127	2	0-20	
Ethyl-t-Butyl Ether (ETBE)	50.00	49.10	98	47.90	96	78-120	71-127	2	0-20	
Tert-Amyl-Methyl Ether (TAME)	50.00	48.92	98	48.50	97	75-120	68-128	1	0-20	
Ethanol	500.0	638.6	128	592.5	119	56-140	42-154	7	0-20	
TPPH	1000	865.0	87	1080	108	65-135	53-147	22	0-30	

Total number of LCS compounds : 19
Total number of ME compounds : 0
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

Return to Contents

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Accredited in accordance with nelac

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received: N/A
Work Order No: 12-09-1862
Preparation: EPA 5030C
Method: LUFT GC/MS / EPA 8260B

Project: 20001 Brookhurst, Huntington Beach, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-798-1,521	Solid	GC/MS RR	09/29/12	09/29/12	120929L02

Parameter	SPIKE ADDED	LCS CONC	LCS %REC	LCSD CONC	LCSD %REC	%REC CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	50.00	50.55	101	50.20	100	78-120	71-127	1	0-20	
Carbon Tetrachloride	50.00	52.87	106	52.28	105	49-139	34-154	1	0-20	
Chlorobenzene	50.00	52.09	104	51.08	102	79-120	72-127	2	0-20	
1,2-Dibromoethane	50.00	52.75	105	52.06	104	80-120	73-127	1	0-20	
1,2-Dichlorobenzene	50.00	50.60	101	50.11	100	75-120	68-128	1	0-20	
1,2-Dichloroethane	50.00	54.86	110	53.60	107	80-120	73-127	2	0-20	
1,1-Dichloroethene	50.00	49.42	99	48.83	98	74-122	66-130	1	0-20	
Ethylbenzene	50.00	54.19	108	52.79	106	76-120	69-127	3	0-20	
Toluene	50.00	53.25	106	51.74	103	77-120	70-127	3	0-20	
Trichloroethene	50.00	53.92	108	53.31	107	80-120	73-127	1	0-20	
Vinyl Chloride	50.00	42.37	85	41.78	84	68-122	59-131	1	0-20	
Xylenes (total)	150.0	159.8	107	157.9	105	75-125	67-133	1	0-25	
Methyl-t-Butyl Ether (MTBE)	50.00	47.00	94	45.86	92	77-120	70-127	2	0-20	
Tert-Butyl Alcohol (TBA)	250.0	248.6	99	240.8	96	68-122	59-131	3	0-20	
Diisopropyl Ether (DIPE)	50.00	53.02	106	52.06	104	78-120	71-127	2	0-20	
Ethyl-t-Butyl Ether (ETBE)	50.00	49.10	98	47.90	96	78-120	71-127	2	0-20	
Tert-Amyl-Methyl Ether (TAME)	50.00	48.92	98	48.50	97	75-120	68-128	1	0-20	
Ethanol	500.0	638.6	128	592.5	119	56-140	42-154	7	0-20	
TPPH	1000	865.0	87	1080	108	65-135	53-147	22	0-30	

Total number of LCS compounds : 19
Total number of ME compounds : 0
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit

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Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 12-09-1862

Qualifier	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported without further clarification.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
ME	LCS/LCSD Recovery Percentage is within Marginal Exceedance (ME) Control Limit range.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.
MPN - Most Probable Number

Return to Contents

WAYNE PERRY, INC Chain of Custody for Shell Oil Products

Calscience
Environmental Labs
7440 Lincoln Way
Garden Grove, Ca. 92841-1427
Tel. (714) 895-5494
Fax (714) 894-7501

Please Check Appropriate Box:

- [x] ENV. SERVICES
- [ ] MOTIVA RETAIL
- [ ] SHELL RETAIL
- [ ] MOTIVA SD&CM
- [ ] CONSULTANT
- [ ] LUBES
- [ ] SHELL PIPELINE
- [ ] OTHER _____

Bill To:
Wayne Perry, Inc.
8281 Commonwealth Ave.
Buena Park, Ca 90621

DATE: 9/28/12
PAGE: 1 of 1

SAMPLING COMPANY: Wayne Perry, Inc.
LOG CODE:
SITE ADDRESS: Street and City: 20001 Brookhurst, Huntington Beach
State: CA
Global I. D. Number: T0605900535
ADDRESS: 8281 Commonwealth Ave., Buena Park, CA 90621
EDF DELIVERABLE TO: Shannon Jewell
PHONE NO.: 714-826-0352
E-MAIL: sjewell@wpinc.com
CONSULTANT PROJECT NO.: 11.236
PROJECT CONTACT (Hardcopy or PDF Report to): ~~Chris McDonald~~ Erica Rodriguez
TELEPHONE: 714-826-0352
FAX: 714-523-7880
E-MAIL: erodriguez@wpinc.com
SAMPLER NAME(S) (Print): Lamar Kateb
LAB WO# ONLY: 12-09-1862
TURNAROUND TIME (CALENDAR DAYS):
- [ ] STANDARD (14 DAY)
- [ ] 5 DAYS
- [ ] 3 DAYS
- [ ] 2 DAYS
- [x] 24 HOURS
- [ ] RESULTS NEEDED ON WEEKEND

- [ ] LA - RWQCB REPORT FORMAT

UST Agency:

SPECIAL INSTRUCTIONS OR NOTES:

- [x] SHELL CONTRACT RATE APPLIES
- [ ] STATE REIMBURSEMENT RATE APPLIES
- [ ] EDD NOT NEEDED
- [ ] RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

TEMPERATURE ON RECEIPT °C_____

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	Full Scan 8260B	Container PID Readings or Laboratory Notes
1	Ex-Bd12	9/28/12	1527	S				X		1	X	
2	Ex-Fd12	↓	1600	↓				X		↓	X	

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
9/28/12	Dannyle CSL	9/28/12	17:08
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

05/2006 Revision

Return to Contents

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 12-09-1862

SAMPLE RECEIPT FORM

Cooler 0 of 0

CLIENT: WPI

DATE: 09/28/12

TEMPERATURE: Thermometer ID: SC2 (Criteria: 0.0 °C – 6.0 °C, not frozen)

Temperature 2.4 °C - 0.3 °C (CF) = 2.1 °C ☐ Blank ☑ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____).

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ **Received at ambient temperature, placed on ice for transport by Courier.**

Ambient Temperature: ☐ Air ☐ Filter Initial: B.C

CUSTODY SEALS INTACT:

☐ Cooler ☐_____ ☐ No (Not Intact) ☐ Not Present ☑ N/A Initial: B.C

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present Initial: RY

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Collection date/time, matrix, and/or # of containers logged in based on sample labels.			
☐ No analysis requested. ☐ Not relinquished. ☐ No date/time relinquished.			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and good condition	☑	☐	☐
Proper containers and sufficient volume for analyses requested	☑	☐	☐
Analyses received within holding time	☑	☐	☐
pH / Res. Chlorine / Diss. Sulfide / Diss. Oxygen received within 24 hours	☐	☐	☑
Proper preservation noted on COC or sample container	☐	☐	☑
☐ Unpreserved vials received for Volatiles analysis			
Volatile analysis container(s) free of headspace	☐	☐	☑
Tedlar bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE:

Solid: ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☑Sleeve (5) ☐EnCores® ☐TerraCores® ☐_____

Water: ☐VOA ☐VOAh ☐VOA**na$_2$** ☐125AGB ☐125AGB**h** ☐125AGB**p** ☐1AGB ☐1AGB**na$_2$** ☐1AGB**s** ☐500AGB ☐500AGJ ☐500AGJ**s** ☐250AGB ☐250CGB ☐250CGB**s** ☐1PB ☐1PB**na** ☐500PB ☐250PB ☐250PB**n** ☐125PB ☐125PB**znna** ☐100PJ ☐100PJ**na$_2$** ☐_____ ☐_____ ☐_____

Air: ☐Tedlar® ☐Summa® **Other:** ☐_____ **Trip Blank Lot#:**_____ **Labeled/Checked by:** RY

Container: **C:** Clear **A:** Amber **P:** Plastic **G:** Glass **J:** Jar **B:** Bottle **Z:** Ziploc/Resealable Bag **E:** Envelope **Reviewed by:** YL

Preservative: **h:** HCL **n:** HNO_3 **na$_2$:** $Na_2S_2O_3$ **na:** NaOH **p:** H_3PO_4 **s:** H_2SO_4 **u:** Ultra-pure **znna:** $ZnAc_2$+NaOH **f:** Filtered **Scanned by:** YL

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Calscience Environmental Laboratories, Inc.

CALSCIENCE

WORK ORDER NUMBER: 12-10-0134

The difference is service

AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: Wayne Perry, Inc.

Client Project Name: 20001 Brookhurst St., Huntington Beach, CA

Attention: Erica Rodriguez
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Approved for release on 10/4/2012 by:
Xuan Dang
Project Manager

ResultLink ›

Email your PM ›

Calscience Environmental Laboratories, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

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NELAP ID: 03220CA | DoD-ELAP ID: L10-41 | CSDLAC ID: 10109 | SCAQMD ID: 93LA0830

Calscience Environmental Laboratories, Inc.

Contents

Client Project Name: 20001 Brookhurst St., Huntington Beach, CA
Work Order Number: 12-10-0134

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Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.		Date Received:	10/02/12
8281 Commonwealth Avenue		Work Order No:	12-10-0134
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	EPA 8015B (M)

Project: 20001 Brookhurst St., Huntington Beach, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
EX-FSWd6	**12-10-0134-1-A**	**10/02/12 13:45**	**Solid**	**GC 22**	**10/02/12**	**10/02/12 22:42**	**121002B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0.50	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene - FID	67	42-126	

Method Blank	**099-14-571-553**	**N/A**	**Solid**	**GC 22**	**10/02/12**	**10/02/12 14:11**	**121002B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0.50	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene - FID	94	42-126	

Return to Contents

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.		Date Received:	10/02/12
8281 Commonwealth Avenue		Work Order No:	12-10-0134
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/kg

Project: 20001 Brookhurst St., Huntington Beach, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
EX-FSWd6	**12-10-0134-1-A**	**10/02/12 13:45**	**Solid**	**GC/MS W**	**10/02/12**	**10/03/12 07:29**	**121002L03**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	120	1		1,1-Dichloropropene	ND	5.0	1	
Benzene	ND	5.0	1		c-1,3-Dichloropropene	ND	5.0	1	
Bromobenzene	ND	5.0	1		t-1,3-Dichloropropene	ND	5.0	1	
Bromochloromethane	ND	5.0	1		Ethylbenzene	ND	5.0	1	
Bromodichloromethane	ND	5.0	1		2-Hexanone	ND	50	1	
Bromoform	ND	5.0	1		Isopropylbenzene	ND	5.0	1	
Bromomethane	ND	25	1		p-Isopropyltoluene	ND	5.0	1	
2-Butanone	ND	50	1		Methylene Chloride	ND	50	1	
n-Butylbenzene	ND	5.0	1		4-Methyl-2-Pentanone	ND	50	1	
sec-Butylbenzene	ND	5.0	1		Naphthalene	ND	50	1	
tert-Butylbenzene	ND	5.0	1		n-Propylbenzene	ND	5.0	1	
Carbon Disulfide	ND	50	1		Styrene	ND	5.0	1	
Carbon Tetrachloride	ND	5.0	1		1,1,1,2-Tetrachloroethane	ND	5.0	1	
Chlorobenzene	ND	5.0	1		1,1,2,2-Tetrachloroethane	ND	5.0	1	
Chloroethane	ND	5.0	1		Tetrachloroethene	ND	5.0	1	
Chloroform	ND	5.0	1		Toluene	ND	5.0	1	
Chloromethane	ND	25	1		1,2,3-Trichlorobenzene	ND	10	1	
2-Chlorotoluene	ND	5.0	1		1,2,4-Trichlorobenzene	ND	5.0	1	
4-Chlorotoluene	ND	5.0	1		1,1,1-Trichloroethane	ND	5.0	1	
Dibromochloromethane	ND	5.0	1		1,1,2-Trichloroethane	ND	5.0	1	
1,2-Dibromo-3-Chloropropane	ND	10	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	1	
1,2-Dibromoethane	ND	5.0	1		Trichloroethene	ND	5.0	1	
Dibromomethane	ND	5.0	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dichlorobenzene	ND	5.0	1		1,2,4-Trimethylbenzene	ND	5.0	1	
1,3-Dichlorobenzene	ND	5.0	1		Trichlorofluoromethane	ND	50	1	
1,4-Dichlorobenzene	ND	5.0	1		1,3,5-Trimethylbenzene	ND	5.0	1	
Dichlorodifluoromethane	ND	5.0	1		Vinyl Acetate	ND	50	1	
1,1-Dichloroethane	ND	5.0	1		Vinyl Chloride	ND	5.0	1	
1,2-Dichloroethane	ND	5.0	1		Xylenes (total)	ND	5.0	1	
1,1-Dichloroethene	ND	5.0	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
c-1,2-Dichloroethene	ND	5.0	1		Tert-Butyl Alcohol (TBA)	ND	50	1	
t-1,2-Dichloroethene	ND	5.0	1		Diisopropyl Ether (DIPE)	ND	10	1	
1,2-Dichloropropane	ND	5.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	10	1	
1,3-Dichloropropane	ND	5.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	10	1	
2,2-Dichloropropane	ND	5.0	1		Ethanol	ND	250	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	100	60-132		Dibromofluoromethane	99	63-141	
1,2-Dichloroethane-d4	96	62-146		Toluene-d8	102	80-120	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Return to Contents

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Wayne Perry, Inc.		Date Received:	10/02/12
8281 Commonwealth Avenue		Work Order No:	12-10-0134
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/kg

Project: 20001 Brookhurst St., Huntington Beach, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-796-6,464**	**N/A**	**Solid**	**GC/MS W**	**10/02/12**	**10/03/12 01:36**	**121002L03**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	120	1		1,1-Dichloropropene	ND	5.0	1	
Benzene	ND	5.0	1		c-1,3-Dichloropropene	ND	5.0	1	
Bromobenzene	ND	5.0	1		t-1,3-Dichloropropene	ND	5.0	1	
Bromochloromethane	ND	5.0	1		Ethylbenzene	ND	5.0	1	
Bromodichloromethane	ND	5.0	1		2-Hexanone	ND	50	1	
Bromoform	ND	5.0	1		Isopropylbenzene	ND	5.0	1	
Bromomethane	ND	25	1		p-Isopropyltoluene	ND	5.0	1	
2-Butanone	ND	50	1		Methylene Chloride	ND	50	1	
n-Butylbenzene	ND	5.0	1		4-Methyl-2-Pentanone	ND	50	1	
sec-Butylbenzene	ND	5.0	1		Naphthalene	ND	50	1	
tert-Butylbenzene	ND	5.0	1		n-Propylbenzene	ND	5.0	1	
Carbon Disulfide	ND	50	1		Styrene	ND	5.0	1	
Carbon Tetrachloride	ND	5.0	1		1,1,1,2-Tetrachloroethane	ND	5.0	1	
Chlorobenzene	ND	5.0	1		1,1,2,2-Tetrachloroethane	ND	5.0	1	
Chloroethane	ND	5.0	1		Tetrachloroethene	ND	5.0	1	
Chloroform	ND	5.0	1		Toluene	ND	5.0	1	
Chloromethane	ND	25	1		1,2,3-Trichlorobenzene	ND	10	1	
2-Chlorotoluene	ND	5.0	1		1,2,4-Trichlorobenzene	ND	5.0	1	
4-Chlorotoluene	ND	5.0	1		1,1,1-Trichloroethane	ND	5.0	1	
Dibromochloromethane	ND	5.0	1		1,1,2-Trichloroethane	ND	5.0	1	
1,2-Dibromo-3-Chloropropane	ND	10	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	1	
1,2-Dibromoethane	ND	5.0	1		Trichloroethene	ND	5.0	1	
Dibromomethane	ND	5.0	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dichlorobenzene	ND	5.0	1		1,2,4-Trimethylbenzene	ND	5.0	1	
1,3-Dichlorobenzene	ND	5.0	1		Trichlorofluoromethane	ND	50	1	
1,4-Dichlorobenzene	ND	5.0	1		1,3,5-Trimethylbenzene	ND	5.0	1	
Dichlorodifluoromethane	ND	5.0	1		Vinyl Acetate	ND	50	1	
1,1-Dichloroethane	ND	5.0	1		Vinyl Chloride	ND	5.0	1	
1,2-Dichloroethane	ND	5.0	1		Xylenes (total)	ND	5.0	1	
1,1-Dichloroethene	ND	5.0	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
c-1,2-Dichloroethene	ND	5.0	1		Tert-Butyl Alcohol (TBA)	ND	50	1	
t-1,2-Dichloroethene	ND	5.0	1		Diisopropyl Ether (DIPE)	ND	10	1	
1,2-Dichloropropane	ND	5.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	10	1	
1,3-Dichloropropane	ND	5.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	10	1	
2,2-Dichloropropane	ND	5.0	1		Ethanol	ND	250	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	100	60-132		Dibromofluoromethane	100	63-141	
1,2-Dichloroethane-d4	101	62-146		Toluene-d8	99	80-120	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Wayne Perry, Inc.		Date Received:	10/02/12
8281 Commonwealth Avenue		Work Order No:	12-10-0134
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	EPA 8015B (M)

Project 20001 Brookhurst St., Huntington Beach, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
12-10-0094-1	**Solid**	**GC 22**	**10/02/12**	**10/02/12**	**121002S01**

Parameter	SAMPLE CONC	SPIKE ADDED	MS CONC	MS %REC	MSD CONC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	14.05	10.00	26.42	124	27.61	136	48-114	4	0-23	3

RPD - Relative Percent Difference , CL - Control Limit

Return to Contents

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Accredited in accordance with nelac

Wayne Perry, Inc.		Date Received:	10/02/12
8281 Commonwealth Avenue		Work Order No:	12-10-0134
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	EPA 8260B

Project 20001 Brookhurst St., Huntington Beach, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
12-09-1904-4	Solid	GC/MS W	10/02/12	10/03/12	121002S02

Parameter	SAMPLE CONC	SPIKE ADDED	MS CONC	MS %REC	MSD CONC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	ND	50.00	38.91	78	45.45	91	61-127	16	0-20	
Carbon Tetrachloride	ND	50.00	42.62	85	52.09	104	51-135	20	0-29	
Chlorobenzene	ND	50.00	38.15	76	45.83	92	57-123	18	0-20	
1,2-Dibromoethane	ND	50.00	37.55	75	44.13	88	64-124	16	0-20	
1,2-Dichlorobenzene	ND	50.00	35.17	70	41.99	84	35-131	18	0-25	
1,2-Dichloroethane	ND	50.00	39.19	78	45.70	91	80-120	15	0-20	3
1,1-Dichloroethene	ND	50.00	34.95	70	41.03	82	47-143	16	0-25	
Ethylbenzene	ND	50.00	40.05	80	47.53	95	57-129	17	0-22	
Toluene	ND	50.00	40.68	81	47.90	96	63-123	16	0-20	
Trichloroethene	ND	50.00	40.66	81	47.71	95	44-158	16	0-20	
Vinyl Chloride	ND	50.00	44.12	88	46.35	93	49-139	5	0-47	
Xylenes (total)	ND	150.0	121.0	81	144.6	96	70-130	18	0-30	
Methyl-t-Butyl Ether (MTBE)	ND	50.00	33.92	68	40.83	82	57-123	19	0-21	
Tert-Butyl Alcohol (TBA)	ND	250.0	166.6	67	198.3	79	30-168	17	0-34	
Diisopropyl Ether (DIPE)	ND	50.00	37.18	74	44.04	88	57-129	17	0-20	
Ethyl-t-Butyl Ether (ETBE)	ND	50.00	37.01	74	44.16	88	55-127	18	0-20	
Tert-Amyl-Methyl Ether (TAME)	ND	50.00	38.29	77	44.95	90	58-124	16	0-20	
Ethanol	ND	500.0	301.2	60	389.2	78	17-167	25	0-47	

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RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received:	N/A
Work Order No:	12-10-0134
Preparation:	EPA 5030C
Method:	EPA 8015B (M)

Project: 20001 Brookhurst St., Huntington Beach, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-14-571-553	Solid	GC 22	10/02/12	10/02/12	121002B01

Parameter	SPIKE ADDED	LCS CONC	LCS %REC	LCSD CONC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	10.00	8.535	85	9.303	93	70-124	9	0-18	

RPD - Relative Percent Difference , CL - Control Limit

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Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Accredited in accordance with nelac

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received: N/A
Work Order No: 12-10-0134
Preparation: EPA 5030C
Method: EPA 8260B

Project: 20001 Brookhurst St., Huntington Beach, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-796-6,464	Solid	GC/MS W	10/02/12	10/02/12	121002L03

Parameter	SPIKE ADDED	LCS CONC	LCS %REC	LCSD CONC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	50.00	52.08	104	52.29	105	78-120	71-127	0	0-20	
Carbon Tetrachloride	50.00	57.34	115	60.23	120	49-139	34-154	5	0-20	
Chlorobenzene	50.00	52.74	105	52.62	105	79-120	72-127	0	0-20	
1,2-Dibromoethane	50.00	54.23	108	53.22	106	80-120	73-127	2	0-20	
1,2-Dichlorobenzene	50.00	50.10	100	50.44	101	75-120	68-128	1	0-20	
1,2-Dichloroethane	50.00	54.11	108	54.72	109	80-120	73-127	1	0-20	
1,1-Dichloroethene	50.00	46.58	93	47.71	95	74-122	66-130	2	0-20	
Ethylbenzene	50.00	53.91	108	54.84	110	76-120	69-127	2	0-20	
Toluene	50.00	54.64	109	54.92	110	77-120	70-127	1	0-20	
Trichloroethene	50.00	53.74	107	53.88	108	80-120	73-127	0	0-20	
Vinyl Chloride	50.00	51.95	104	53.07	106	68-122	59-131	2	0-20	
Xylenes (total)	150.0	160.1	107	166.8	111	75-125	67-133	4	0-25	
Methyl-t-Butyl Ether (MTBE)	50.00	48.04	96	47.46	95	77-120	70-127	1	0-20	
Tert-Butyl Alcohol (TBA)	250.0	246.5	99	248.9	100	68-122	59-131	1	0-20	
Diisopropyl Ether (DIPE)	50.00	49.43	99	50.08	100	78-120	71-127	1	0-20	
Ethyl-t-Butyl Ether (ETBE)	50.00	50.09	100	51.03	102	78-120	71-127	2	0-20	
Tert-Amyl-Methyl Ether (TAME)	50.00	52.55	105	52.33	105	75-120	68-128	0	0-20	
Ethanol	500.0	488.0	98	487.9	98	56-140	42-154	0	0-20	

Total number of LCS compounds : 18
Total number of ME compounds : 0
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

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RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 12-10-0134

Qualifier	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported without further clarification.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
ME	LCS/LCSD Recovery Percentage is within Marginal Exceedance (ME) Control Limit range.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.
MPN - Most Probable Number

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Calscience Environmental Labs
7440 Lincoln Way
Garden Grove, Ca. 92841-1427
Tel. (714) 895-5494
Fax (714) 894-7501

WAYNE PERRY, INC Chain of Custody for Shell Oil Products

Please Check Appropriate Box:

- [x] ENV. SERVICES
- [ ] MOTIVA RETAIL
- [ ] SHELL RETAIL
- [ ] MOTIVA SD&CM
- [ ] CONSULTANT
- [ ] LUBES
- [ ] SHELL PIPELINE
- [ ] OTHER _____

Bill To:
Wayne Perry, Inc.
8281 Commonwealth Ave.
Buena Park, Ca 90621

DATE: 10/2/12
PAGE: 1 of 1

SAMPLING COMPANY: Wayne Perry, Inc.
LOG CODE:
SITE ADDRESS: Street and City: 20001 Brookhurst St. Huntington Beach
State: CA
Global I. D. Number: T0605900535
ADDRESS: 8281 Commonwealth Ave., Buena Park, CA 90621
EDF DELIVERABLE TO: Shannon Jewell
PHONE NO.: 714-826-0352
E-MAIL: sjewell@wpinc.com
CONSULTANT PROJECT NO.: 11.236
PROJECT CONTACT (Hardcopy or PDF Report to): ~~Chris McDonald~~ Erica Rodriguez erodriguez@wpinc.com ~~Trucell Daniells~~ ~~tdaniells@wpinc.com~~
TELEPHONE: 714-826-0352
FAX: 714-523-7880
E-MAIL: ~~emcdonald@wpinc.com~~
SAMPLER NAME(S) (Print): Curt Jones
LAB USE ONLY: 12-10-0134
TURNAROUND TIME (CALENDAR DAYS):
- [ ] STANDARD (14 DAY)
- [ ] 5 DAYS
- [ ] 3 DAYS
- [x] 2 DAYS
- [ ] ~~24 HOURS~~
- [ ] RESULTS NEEDED ON WEEKEND

- [ ] LA - RWQCB REPORT FORMAT
UST Agency: 9

SPECIAL INSTRUCTIONS OR NOTES:

- [x] SHELL CONTRACT RATE APPLIES
- [ ] STATE REIMBURSEMENT RATE APPLIES
- [ ] EDD NOT NEEDED
- [ ] RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	TPH-G 8015 M	8260B Full Scan	Container PID Readings or Laboratory Notes
1	Ex-FSWd6	10/2	13:45	soil						1	X	X	

TEMPERATURE ON RECEIPT °C_____

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Curtis Jones	Dannyle CBL	10/2/12	15:54
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

05/2006 Revision

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Calscience Environmental Laboratories, Inc.

WORK ORDER #: 12-10-0134

SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: WPI

DATE: 10/02/12

TEMPERATURE: Thermometer ID: SC4 (Criteria: 0.0 °C – 6.0 °C, not frozen)

Temperature 3.6 °C - 0.3 °C (CF) = 3.3 °C ☐ Blank ☑ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____).

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ Received at ambient temperature, placed on ice for transport by Courier.

Ambient Temperature: ☐ Air ☐ Filter Initial: D.L

CUSTODY SEALS INTACT:

☐ Cooler ☐_____ ☐ No (Not Intact) ☑ Not Present ☐ N/A Initial: D.L

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present Initial: D.L

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Collection date/time, matrix, and/or # of containers logged in based on sample labels.			
☐ No analysis requested. ☐ Not relinquished. ☐ No date/time relinquished.			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and good condition	☑	☐	☐
Proper containers and sufficient volume for analyses requested	☑	☐	☐
Analyses received within holding time	☑	☐	☐
pH / Res. Chlorine / Diss. Sulfide / Diss. Oxygen received within 24 hours	☐	☐	☑
Proper preservation noted on COC or sample container	☐	☐	☑
☐ Unpreserved vials received for Volatiles analysis			
Volatile analysis container(s) free of headspace	☐	☐	☑
Tedlar bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE:

Solid: ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☑Sleeve (S) ☐EnCores® ☐TerraCores® ☐_____

Water: ☐VOA ☐VOAh ☐VOAna_2 ☐125AGB ☐125AGBh ☐125AGBp ☐1AGB ☐1AGBna_2 ☐1AGBs ☐500AGB ☐500AGJ ☐500AGJs ☐250AGB ☐250CGB ☐250CGBs ☐1PB ☐1PBna ☐500PB ☐250PB ☐250PBn ☐125PB ☐125PBznna ☐100PJ ☐100PJna_2 ☐_____ ☐_____ ☐_____

Air: ☐Tedlar® ☐Canister **Other:** ☐_____ **Trip Blank Lot#:**_____ **Labeled/Checked by:** D.L

Container: C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag E: Envelope **Reviewed by:** YL

Preservative: h: HCL n: HNO_3 na_2: $Na_2S_2O_3$ na: NaOH p: H_3PO_4 s: H_2SO_4 u: Ultra-pure znna: $ZnAc_2$+NaOH f: Filtered **Scanned by:** YL

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Calscience Environmental Laboratories, Inc.

CALSCIENCE

WORK ORDER NUMBER: 12-10-0698

The difference is service

AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: Wayne Perry, Inc.

Client Project Name: 20001 Brookhurst St., Huntington Beach, CA

Attention: Erica Rodriguez
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Approved for release on 10/11/2012 by:
Xuan Dang
Project Manager

ResultLink ›

Email your PM ›

Calscience Environmental Laboratories, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

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NELAP ID: 03220CA | DoD-ELAP ID: L10-41 | CSDLAC ID: 10109 | SCAQMD ID: 93LA0830

Calscience Environmental Laboratories, Inc.

Contents

Client Project Name: 20001 Brookhurst St., Huntington Beach, CA
Work Order Number: 12-10-0698

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Calscience Environmental Laboratories, Inc.

ACCREDITED IN ACCORDANCE WITH nelac

Client:	Wayne Perry, Inc. 8281 Commonwealth Avenue Buena Park, CA 90621-2537	Work Order:	12-10-0698
		Project name:	20001 Brookhurst St., Huntington Beach, C
		Received:	10/10/12 13:06
Attn:	Erica Rodriguez		

DETECTIONS SUMMARY

Client Sample ID Analyte	Result	Qualifiers	Reporting Limit	Units	Method	Extraction
SSWS-A-8' (12-10-0698-1)						
TPPH	**320000**		50000	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C

Subcontracted analyses, if any, are not included in this summary.

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*MDL is shown.

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received:	10/10/12
Work Order No:	12-10-0698
Preparation:	EPA 5030C
Method:	LUFT GC/MS / EPA 8260B
Units:	ug/kg

Project: 20001 Brookhurst St., Huntington Beach, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SSWS-A-8'	**12-10-0698-1-A**	**10/10/12 09:15**	**Solid**	**GC/MS RR**	**10/10/12**	**10/10/12 20:40**	**121010L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	12000	100		1,1-Dichloropropene	ND	500	100	
Benzene	ND	500	100		c-1,3-Dichloropropene	ND	500	100	
Bromobenzene	ND	500	100		t-1,3-Dichloropropene	ND	500	100	
Bromochloromethane	ND	500	100		Ethylbenzene	ND	500	100	
Bromodichloromethane	ND	500	100		2-Hexanone	ND	5000	100	
Bromoform	ND	500	100		Isopropylbenzene	ND	500	100	
Bromomethane	ND	2500	100		p-Isopropyltoluene	ND	500	100	
2-Butanone	ND	5000	100		Methylene Chloride	ND	5000	100	
n-Butylbenzene	ND	500	100		4-Methyl-2-Pentanone	ND	5000	100	
sec-Butylbenzene	ND	500	100		Naphthalene	ND	5000	100	
tert-Butylbenzene	ND	500	100		n-Propylbenzene	ND	500	100	
Carbon Disulfide	ND	5000	100		1,1,1,2-Tetrachloroethane	ND	500	100	
Carbon Tetrachloride	ND	500	100		1,1,2,2-Tetrachloroethane	ND	500	100	
Chlorobenzene	ND	500	100		Tetrachloroethene	ND	500	100	
Chloroethane	ND	500	100		Toluene	ND	500	100	
Chloroform	ND	500	100		1,2,3-Trichlorobenzene	ND	1000	100	
Chloromethane	ND	2500	100		1,2,4-Trichlorobenzene	ND	500	100	
2-Chlorotoluene	ND	500	100		1,1,1-Trichloroethane	ND	500	100	
4-Chlorotoluene	ND	500	100		1,1,2-Trichloroethane	ND	500	100	
Dibromochloromethane	ND	500	100		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	5000	100	
1,2-Dibromo-3-Chloropropane	ND	2500	100		Trichloroethene	ND	500	100	
1,2-Dibromoethane	ND	500	100		1,2,3-Trichloropropane	ND	500	100	
Dibromomethane	ND	500	100		1,2,4-Trimethylbenzene	ND	500	100	
1,2-Dichlorobenzene	ND	500	100		Trichlorofluoromethane	ND	5000	100	
1,3-Dichlorobenzene	ND	500	100		1,3,5-Trimethylbenzene	ND	500	100	
1,4-Dichlorobenzene	ND	500	100		Vinyl Acetate	ND	5000	100	
Dichlorodifluoromethane	ND	500	100		Vinyl Chloride	ND	500	100	
1,1-Dichloroethane	ND	500	100		Xylenes (total)	ND	500	100	
1,2-Dichloroethane	ND	500	100		Methyl-t-Butyl Ether (MTBE)	ND	500	100	
1,1-Dichloroethene	ND	500	100		Tert-Butyl Alcohol (TBA)	ND	5000	100	
c-1,2-Dichloroethene	ND	500	100		Diisopropyl Ether (DIPE)	ND	1000	100	
t-1,2-Dichloroethene	ND	500	100		Ethyl-t-Butyl Ether (ETBE)	ND	1000	100	
1,2-Dichloropropane	ND	500	100		Tert-Amyl-Methyl Ether (TAME)	ND	1000	100	
1,3-Dichloropropane	ND	500	100		Ethanol	ND	50000	100	
2,2-Dichloropropane	ND	500	100		TPPH	320000	50000	100	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	93	63-141		1,2-Dichloroethane-d4	90	62-146	
Toluene-d8	106	80-120		1,4-Bromofluorobenzene	103	60-132	
Toluene-d8-TPPH	111	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Wayne Perry, Inc.		Date Received:	10/10/12
8281 Commonwealth Avenue		Work Order No:	12-10-0698
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/kg

Project: 20001 Brookhurst St., Huntington Beach, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-798-1,534**	**N/A**	**Solid**	**GC/MS RR**	**10/10/12**	**10/10/12 16:04**	**121010L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	12000	100		1,1-Dichloropropene	ND	500	100	
Benzene	ND	500	100		c-1,3-Dichloropropene	ND	500	100	
Bromobenzene	ND	500	100		t-1,3-Dichloropropene	ND	500	100	
Bromochloromethane	ND	500	100		Ethylbenzene	ND	500	100	
Bromodichloromethane	ND	500	100		2-Hexanone	ND	5000	100	
Bromoform	ND	500	100		Isopropylbenzene	ND	500	100	
Bromomethane	ND	2500	100		p-Isopropyltoluene	ND	500	100	
2-Butanone	ND	5000	100		Methylene Chloride	ND	5000	100	
n-Butylbenzene	ND	500	100		4-Methyl-2-Pentanone	ND	5000	100	
sec-Butylbenzene	ND	500	100		Naphthalene	ND	5000	100	
tert-Butylbenzene	ND	500	100		n-Propylbenzene	ND	500	100	
Carbon Disulfide	ND	5000	100		1,1,1,2-Tetrachloroethane	ND	500	100	
Carbon Tetrachloride	ND	500	100		1,1,2,2-Tetrachloroethane	ND	500	100	
Chlorobenzene	ND	500	100		Tetrachloroethene	ND	500	100	
Chloroethane	ND	500	100		Toluene	ND	500	100	
Chloroform	ND	500	100		1,2,3-Trichlorobenzene	ND	1000	100	
Chloromethane	ND	2500	100		1,2,4-Trichlorobenzene	ND	500	100	
2-Chlorotoluene	ND	500	100		1,1,1-Trichloroethane	ND	500	100	
4-Chlorotoluene	ND	500	100		1,1,2-Trichloroethane	ND	500	100	
Dibromochloromethane	ND	500	100		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	5000	100	
1,2-Dibromo-3-Chloropropane	ND	2500	100		Trichloroethene	ND	500	100	
1,2-Dibromoethane	ND	500	100		1,2,3-Trichloropropane	ND	500	100	
Dibromomethane	ND	500	100		1,2,4-Trimethylbenzene	ND	500	100	
1,2-Dichlorobenzene	ND	500	100		Trichlorofluoromethane	ND	5000	100	
1,3-Dichlorobenzene	ND	500	100		1,3,5-Trimethylbenzene	ND	500	100	
1,4-Dichlorobenzene	ND	500	100		Vinyl Acetate	ND	5000	100	
Dichlorodifluoromethane	ND	500	100		Vinyl Chloride	ND	500	100	
1,1-Dichloroethane	ND	500	100		Xylenes (total)	ND	500	100	
1,2-Dichloroethane	ND	500	100		Methyl-t-Butyl Ether (MTBE)	ND	500	100	
1,1-Dichloroethene	ND	500	100		Tert-Butyl Alcohol (TBA)	ND	5000	100	
c-1,2-Dichloroethene	ND	500	100		Diisopropyl Ether (DIPE)	ND	1000	100	
t-1,2-Dichloroethene	ND	500	100		Ethyl-t-Butyl Ether (ETBE)	ND	1000	100	
1,2-Dichloropropane	ND	500	100		Tert-Amyl-Methyl Ether (TAME)	ND	1000	100	
1,3-Dichloropropane	ND	500	100		Ethanol	ND	50000	100	
2,2-Dichloropropane	ND	500	100		TPPH	ND	50000	100	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	97	63-141		1,2-Dichloroethane-d4	95	62-146	
Toluene-d8	99	80-120		1,4-Bromofluorobenzene	99	60-132	
Toluene-d8-TPPH	104	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Accredited in accordance with nelac

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received: 10/10/12
Work Order No: 12-10-0698
Preparation: EPA 5030C
Method: LUFT GC/MS / EPA 8260B

Project 20001 Brookhurst St., Huntington Beach, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
12-10-0610-2	Solid	GC/MS RR	10/10/12	10/10/12	121010S01

Parameter	SAMPLE CONC	SPIKE ADDED	MS CONC	MS %REC	MSD CONC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	ND	50.00	53.52	107	51.96	104	61-127	3	0-20	
Carbon Tetrachloride	ND	50.00	52.73	105	52.23	104	51-135	1	0-29	
Chlorobenzene	ND	50.00	52.27	105	51.34	103	57-123	2	0-20	
1,2-Dibromoethane	ND	50.00	54.45	109	50.38	101	64-124	8	0-20	
1,2-Dichlorobenzene	ND	50.00	52.99	106	51.66	103	35-131	3	0-25	
1,2-Dichloroethane	ND	50.00	52.99	106	49.56	99	80-120	7	0-20	
1,1-Dichloroethene	ND	50.00	44.92	90	44.09	88	47-143	2	0-25	
Ethylbenzene	ND	50.00	56.05	112	55.32	111	57-129	1	0-22	
Toluene	ND	50.00	53.60	107	51.52	103	63-123	4	0-20	
Trichloroethene	ND	50.00	52.67	105	51.51	103	44-158	2	0-20	
Vinyl Chloride	ND	50.00	52.62	105	53.66	107	49-139	2	0-47	
Xylenes (total)	ND	150.0	165.6	110	163.7	109	70-130	1	0-30	
Methyl-t-Butyl Ether (MTBE)	ND	50.00	46.05	92	42.77	86	57-123	7	0-21	
Tert-Butyl Alcohol (TBA)	ND	250.0	277.0	111	258.6	103	30-168	7	0-34	
Diisopropyl Ether (DIPE)	ND	50.00	49.06	98	46.54	93	57-129	5	0-20	
Ethyl-t-Butyl Ether (ETBE)	ND	50.00	48.87	98	45.46	91	55-127	7	0-20	
Tert-Amyl-Methyl Ether (TAME)	ND	50.00	50.66	101	46.68	93	58-124	8	0-20	
Ethanol	ND	500.0	665.5	133	574.5	115	17-167	15	0-47	

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RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received: N/A
Work Order No: 12-10-0698
Preparation: EPA 5030C
Method: LUFT GC/MS / EPA 8260B

Project: 20001 Brookhurst St., Huntington Beach, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-798-1,534	Solid	GC/MS RR	10/10/12	10/10/12	121010L02

Parameter	SPIKE ADDED	LCS CONC	LCS %REC	LCSD CONC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	50.00	53.00	106	47.78	96	78-120	71-127	10	0-20	
Carbon Tetrachloride	50.00	52.29	105	48.51	97	49-139	34-154	8	0-20	
Chlorobenzene	50.00	51.08	102	46.16	92	79-120	72-127	10	0-20	
1,2-Dibromoethane	50.00	50.77	102	46.57	93	80-120	73-127	9	0-20	
1,2-Dichlorobenzene	50.00	51.07	102	47.09	94	75-120	68-128	8	0-20	
1,2-Dichloroethane	50.00	52.13	104	47.81	96	80-120	73-127	9	0-20	
1,1-Dichloroethene	50.00	42.97	86	39.84	80	74-122	66-130	8	0-20	
Ethylbenzene	50.00	54.18	108	48.59	97	76-120	69-127	11	0-20	
Toluene	50.00	53.66	107	47.93	96	77-120	70-127	11	0-20	
Trichloroethene	50.00	52.10	104	46.34	93	80-120	73-127	12	0-20	
Vinyl Chloride	50.00	48.80	98	47.96	96	68-122	59-131	2	0-20	
Xylenes (total)	150.0	160.3	107	145.8	97	75-125	67-133	9	0-25	
Methyl-t-Butyl Ether (MTBE)	50.00	43.14	86	41.83	84	77-120	70-127	3	0-20	
Tert-Butyl Alcohol (TBA)	250.0	248.5	99	221.2	88	68-122	59-131	12	0-20	
Diisopropyl Ether (DIPE)	50.00	48.09	96	44.97	90	78-120	71-127	7	0-20	
Ethyl-t-Butyl Ether (ETBE)	50.00	47.36	95	45.03	90	78-120	71-127	5	0-20	
Tert-Amyl-Methyl Ether (TAME)	50.00	48.90	98	45.12	90	75-120	68-128	8	0-20	
Ethanol	500.0	560.8	112	505.7	101	56-140	42-154	10	0-20	
TPPH	1000	1046	105	846.6	85	65-135	53-147	21	0-30	

Total number of LCS compounds : 19
Total number of ME compounds : 0
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit

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Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 12-10-0698

Qualifier	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported without further clarification.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
ME	LCS/LCSD Recovery Percentage is within Marginal Exceedance (ME) Control Limit range.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.
MPN - Most Probable Number

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WAYNE PERRY, INC - Chain of Custody for Shell Oil Products

LAB (LOCATION)
- [x] CALSCIENCE ( )
- [ ] SPL ( )
- [ ] XENCO ( )
- [ ] TEST AMERICA ( )
- [x] OTHER ( )

Please Check Appropriate Box:
- [ ] ENV. SERVICES
- [ ] MOTIVA RETAIL
- [x] SHELL RETAIL
- [ ] MOTIVA SD&CM
- [ ] CONSULTANT
- [ ] LUBES
- [ ] SHELL PIPELINE
- [ ] OTHER

Print Bill To:
WAYNE PERRY, INC.
8281 Commonwealth Ave
Buena Park, CA 90621

DATE: 10/10/12
PAGE: 1 of 1

SAMPLING COMPANY: Wayne Perry Inc
LOG CODE:
ADDRESS: 8281 Commonwealth Ave Buena Park
SAMPLING COMPANY PROJECT CONTACT (PDF Report to): Erica Rodriguez
TELEPHONE: 7148260352 FAX: 7145237880 E-MAIL: erodriguez@wpinc.com

SITE ADDRESS: Street and City: 2000 Brookhurst H.B. State: CA
GLOBAL ID NO.: T0605900535
EDF DELIVERABLE TO (Name, Company, Office Location): Shannon Jewell
PHONE NO.: 7148260352
E-MAIL: sjewell@wpinc.com
CONSULTANT PROJECT NO.: 11.236
SAMPLER NAME(S) (Print): R. Deamer
LAB USE ONLY: 12-10-0698

TURNAROUND TIME (CALENDAR DAYS):
- [ ] STANDARD (14 DAY)
- [ ] 5 DAYS
- [ ] 3 DAYS
- [ ] 2 DAYS
- [x] 24 HOURS
- [ ] RESULTS NEEDED ON WEEKEND

- [ ] LA - RWQCB REPORT FORMAT
- [x] UST AGENCY: OCHCA

SPECIAL INSTRUCTIONS OR NOTES:
If TPPH exceeds 1,000,000 then run 8015g w/ approval from E. Rodriguez

- [x] SHELL CONTRACT RATE APPLIES
- [ ] STATE REIMBURSEMENT RATE APPLIES
- [ ] EDD NOT NEEDED
- [x] RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	ICE OTHER	NO. OF CONT.	TPH-D Extractable (8015M)	TPPH - Purgeable (8260B)	BTEX / Oxygenates (8260B)	8015TPH-G	Ethanol (8260B)	Methanol (8015M)	8260B full list	TEMPERATURE ON RECEIPT C°	Container PID Readings or Laboratory Notes
1	SSWS-A-8'	10/10	0915	SOI					X	1		X					X		

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
[signature]	Dannyle CZZ	10/10/12	13:06

05/2/08 Revision

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Calscience Environmental Laboratories, Inc.

WORK ORDER #: 12-10-0698

SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: WPI

DATE: 10/10/12

TEMPERATURE: Thermometer ID: SC4 (Criteria: 0.0 °C – 6.0 °C, not frozen)

Temperature 2.9 °C - 0.3 °C (CF) = 2.6 °C ☐ Blank ☑ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____).

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ **Received at ambient temperature, placed on ice for transport by Courier.**

Ambient Temperature: ☐ Air ☐ Filter Initial: bL

CUSTODY SEALS INTACT:

☐ Cooler ☐_____ ☐ No (Not Intact) ☑ Not Present ☐ N/A Initial: bL

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present Initial: bL

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Collection date/time, matrix, and/or # of containers logged in based on sample labels.			
☐ No analysis requested. ☐ Not relinquished. ☐ No date/time relinquished.			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and good condition	☑	☐	☐
Proper containers and sufficient volume for analyses requested	☑	☐	☐
Analyses received within holding time	☑	☐	☐
pH / Res. Chlorine / Diss. Sulfide / Diss. Oxygen received within 24 hours	☐	☐	☑
Proper preservation noted on COC or sample container	☐	☐	☑
☐ Unpreserved vials received for Volatiles analysis			
Volatile analysis container(s) free of headspace	☐	☐	☑
Tedlar bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE:

Solid: ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☑Sleeve (S) ☐EnCores® ☐TerraCores® ☐_____

Water: ☐VOA ☐VOAh ☐VOA**na$_2$** ☐125AGB ☐125AGB**h** ☐125AGB**p** ☐1AGB ☐1AGB**na$_2$** ☐1AGB**s**

☐500AGB ☐500AGJ ☐500AGJ**s** ☐250AGB ☐250CGB ☐250CGB**s** ☐1PB ☐1PB**na** ☐500PB

☐250PB ☐250PB**n** ☐125PB ☐125PB**znna** ☐100PJ ☐100PJ**na$_2$** ☐_____ ☐_____ ☐_____

Air: ☐Tedlar® ☐Canister **Other:** ☐_____ **Trip Blank Lot#:**_____ **Labeled/Checked by:** bL

Container: C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag E: Envelope **Reviewed by:** PS

Preservative: h: HCL n: HNO_3 na$_2$: $Na_2S_2O_3$ na: NaOH p: H_3PO_4 s: H_2SO_4 u: Ultra-pure znna: $ZnAc_2$+NaOH f: Filtered **Scanned by:** VB

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Calscience Environmental Laboratories, Inc.

CALSCIENCE

WORK ORDER NUMBER: 12-10-0610

The difference is service

AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: Wayne Perry, Inc.

Client Project Name: 20001 Brookhurst St., Huntington Beach, CA

Attention: Erica Rodriguez
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Approved for release on 10/11/2012 by:
Xuan Dang
Project Manager

ResultLink ›

Email your PM ›

Calscience Environmental Laboratories, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

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Calscience Environmental Laboratories, Inc.

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Client Project Name: 20001 Brookhurst St., Huntington Beach, CA
Work Order Number: 12-10-0610

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Calscience Environmental Laboratories, Inc.

Client:	Wayne Perry, Inc. 8281 Commonwealth Avenue Buena Park, CA 90621-2537	Work Order:	12-10-0610
		Project name:	20001 Brookhurst St., Huntington Beach, C
		Received:	10/09/12 14:25
Attn:	Erica Rodriguez		

DETECTIONS SUMMARY

Client Sample ID Analyte	Result	Qualifiers	Reporting Limit	Units	Method	Extraction
WSWS-E-8' (12-10-0610-1)						
Benzene	**28**		5.0	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
WSWS-B-8' (12-10-0610-5)						
n-Butylbenzene	**49**	J	16*	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
Chloromethane	**44**	J	30*	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
n-Propylbenzene	**98**	J	50*	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C
TPPH	**70000**		50000	ug/kg	LUFT GC/MS / EPA 8260B	EPA 5030C

Subcontracted analyses, if any, are not included in this summary.

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*MDL is shown.

Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.		Date Received:	10/09/12
8281 Commonwealth Avenue		Work Order No:	12-10-0610
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/kg
Project: 20001 Brookhurst St., Huntington Beach, CA			Page 1 of 10

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
WSWS-E-8'	**12-10-0610-1-A**	**10/09/12 08:35**	**Solid**	**GC/MS RR**	**10/09/12**	**10/09/12 18:25**	**121009L01**

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	120		1		1,1-Dichloropropene	ND	5.0		1	
Benzene	28	5.0		1		c-1,3-Dichloropropene	ND	5.0		1	
Bromobenzene	ND	5.0		1		t-1,3-Dichloropropene	ND	5.0		1	
Bromochloromethane	ND	5.0		1		Ethylbenzene	ND	5.0		1	
Bromodichloromethane	ND	5.0		1		2-Hexanone	ND	50		1	
Bromoform	ND	5.0		1		Isopropylbenzene	ND	5.0		1	
Bromomethane	ND	25		1		p-Isopropyltoluene	ND	5.0		1	
2-Butanone	ND	50		1		Methylene Chloride	ND	50		1	
n-Butylbenzene	ND	5.0		1		4-Methyl-2-Pentanone	ND	50		1	
sec-Butylbenzene	ND	5.0		1		Naphthalene	ND	50		1	
tert-Butylbenzene	ND	5.0		1		n-Propylbenzene	ND	5.0		1	
Carbon Disulfide	ND	50		1		1,1,1,2-Tetrachloroethane	ND	5.0		1	
Carbon Tetrachloride	ND	5.0		1		1,1,2,2-Tetrachloroethane	ND	5.0		1	
Chlorobenzene	ND	5.0		1		Tetrachloroethene	ND	5.0		1	
Chloroethane	ND	5.0		1		Toluene	ND	5.0		1	
Chloroform	ND	5.0		1		1,2,3-Trichlorobenzene	ND	10		1	
Chloromethane	ND	25		1		1,2,4-Trichlorobenzene	ND	5.0		1	
2-Chlorotoluene	ND	5.0		1		1,1,1-Trichloroethane	ND	5.0		1	
4-Chlorotoluene	ND	5.0		1		1,1,2-Trichloroethane	ND	5.0		1	
Dibromochloromethane	ND	5.0		1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50		1	
1,2-Dibromo-3-Chloropropane	ND	25		1		Trichloroethene	ND	5.0		1	
1,2-Dibromoethane	ND	5.0		1		1,2,3-Trichloropropane	ND	5.0		1	
Dibromomethane	ND	5.0		1		1,2,4-Trimethylbenzene	ND	5.0		1	
1,2-Dichlorobenzene	ND	5.0		1		Trichlorofluoromethane	ND	50		1	
1,3-Dichlorobenzene	ND	5.0		1		1,3,5-Trimethylbenzene	ND	5.0		1	
1,4-Dichlorobenzene	ND	5.0		1		Vinyl Acetate	ND	50		1	
Dichlorodifluoromethane	ND	5.0		1		Vinyl Chloride	ND	5.0		1	
1,1-Dichloroethane	ND	5.0		1		Xylenes (total)	ND	5.0		1	
1,2-Dichloroethane	ND	5.0		1		Methyl-t-Butyl Ether (MTBE)	ND	5.0		1	
1,1-Dichloroethene	ND	5.0		1		Tert-Butyl Alcohol (TBA)	ND	50		1	
c-1,2-Dichloroethene	ND	5.0		1		Diisopropyl Ether (DIPE)	ND	10		1	
t-1,2-Dichloroethene	ND	5.0		1		Ethyl-t-Butyl Ether (ETBE)	ND	10		1	
1,2-Dichloropropane	ND	5.0		1		Tert-Amyl-Methyl Ether (TAME)	ND	10		1	
1,3-Dichloropropane	ND	5.0		1		Ethanol	ND	500		1	
2,2-Dichloropropane	ND	5.0		1		TPPH	ND	500		1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	99	63-141		1,2-Dichloroethane-d4	100	62-146	
Toluene-d8	101	80-120		1,4-Bromofluorobenzene	99	60-132	
Toluene-d8-TPPH	107	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received:	10/09/12
Work Order No:	12-10-0610
Preparation:	EPA 5030C
Method:	LUFT GC/MS / EPA 8260B
Units:	ug/kg

Project: 20001 Brookhurst St., Huntington Beach, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
NSWS-E-8'	**12-10-0610-2-A**	**10/09/12 08:57**	**Solid**	**GC/MS RR**	**10/10/12**	**10/10/12 17:26**	**121010L01**

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	120		1		1,1-Dichloropropene	ND	5.0		1	
Benzene	ND	5.0		1		c-1,3-Dichloropropene	ND	5.0		1	
Bromobenzene	ND	5.0		1		t-1,3-Dichloropropene	ND	5.0		1	
Bromochloromethane	ND	5.0		1		Ethylbenzene	ND	5.0		1	
Bromodichloromethane	ND	5.0		1		2-Hexanone	ND	50		1	
Bromoform	ND	5.0		1		Isopropylbenzene	ND	5.0		1	
Bromomethane	ND	25		1		p-Isopropyltoluene	ND	5.0		1	
2-Butanone	ND	50		1		Methylene Chloride	ND	50		1	
n-Butylbenzene	ND	5.0		1		4-Methyl-2-Pentanone	ND	50		1	
sec-Butylbenzene	ND	5.0		1		Naphthalene	ND	50		1	
tert-Butylbenzene	ND	5.0		1		n-Propylbenzene	ND	5.0		1	
Carbon Disulfide	ND	50		1		1,1,1,2-Tetrachloroethane	ND	5.0		1	
Carbon Tetrachloride	ND	5.0		1		1,1,2,2-Tetrachloroethane	ND	5.0		1	
Chlorobenzene	ND	5.0		1		Tetrachloroethene	ND	5.0		1	
Chloroethane	ND	5.0		1		Toluene	ND	5.0		1	
Chloroform	ND	5.0		1		1,2,3-Trichlorobenzene	ND	10		1	
Chloromethane	ND	25		1		1,2,4-Trichlorobenzene	ND	5.0		1	
2-Chlorotoluene	ND	5.0		1		1,1,1-Trichloroethane	ND	5.0		1	
4-Chlorotoluene	ND	5.0		1		1,1,2-Trichloroethane	ND	5.0		1	
Dibromochloromethane	ND	5.0		1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50		1	
1,2-Dibromo-3-Chloropropane	ND	25		1		Trichloroethene	ND	5.0		1	
1,2-Dibromoethane	ND	5.0		1		1,2,3-Trichloropropane	ND	5.0		1	
Dibromomethane	ND	5.0		1		1,2,4-Trimethylbenzene	ND	5.0		1	
1,2-Dichlorobenzene	ND	5.0		1		Trichlorofluoromethane	ND	50		1	
1,3-Dichlorobenzene	ND	5.0		1		1,3,5-Trimethylbenzene	ND	5.0		1	
1,4-Dichlorobenzene	ND	5.0		1		Vinyl Acetate	ND	50		1	
Dichlorodifluoromethane	ND	5.0		1		Vinyl Chloride	ND	5.0		1	
1,1-Dichloroethane	ND	5.0		1		Xylenes (total)	ND	5.0		1	
1,2-Dichloroethane	ND	5.0		1		Methyl-t-Butyl Ether (MTBE)	ND	5.0		1	
1,1-Dichloroethene	ND	5.0		1		Tert-Butyl Alcohol (TBA)	ND	50		1	
c-1,2-Dichloroethene	ND	5.0		1		Diisopropyl Ether (DIPE)	ND	10		1	
t-1,2-Dichloroethene	ND	5.0		1		Ethyl-t-Butyl Ether (ETBE)	ND	10		1	
1,2-Dichloropropane	ND	5.0		1		Tert-Amyl-Methyl Ether (TAME)	ND	10		1	
1,3-Dichloropropane	ND	5.0		1		Ethanol	ND	500		1	
2,2-Dichloropropane	ND	5.0		1		TPPH	ND	500		1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	96	63-141		1,2-Dichloroethane-d4	93	62-146	
Toluene-d8	99	80-120		1,4-Bromofluorobenzene	97	60-132	
Toluene-d8-TPPH	104	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received:	10/09/12
Work Order No:	12-10-0610
Preparation:	EPA 5030C
Method:	LUFT GC/MS / EPA 8260B
Units:	ug/kg

Project: 20001 Brookhurst St., Huntington Beach, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SSWS-E-8'	**12-10-0610-3-A**	**10/09/12 08:43**	**Solid**	**GC/MS RR**	**10/09/12**	**10/09/12 21:33**	**121009L01**

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	120		1		1,1-Dichloropropene	ND	5.0		1	
Benzene	ND	5.0		1		c-1,3-Dichloropropene	ND	5.0		1	
Bromobenzene	ND	5.0		1		t-1,3-Dichloropropene	ND	5.0		1	
Bromochloromethane	ND	5.0		1		Ethylbenzene	ND	5.0		1	
Bromodichloromethane	ND	5.0		1		2-Hexanone	ND	50		1	
Bromoform	ND	5.0		1		Isopropylbenzene	ND	5.0		1	
Bromomethane	ND	25		1		p-Isopropyltoluene	ND	5.0		1	
2-Butanone	ND	50		1		Methylene Chloride	ND	50		1	
n-Butylbenzene	ND	5.0		1		4-Methyl-2-Pentanone	ND	50		1	
sec-Butylbenzene	ND	5.0		1		Naphthalene	ND	50		1	
tert-Butylbenzene	ND	5.0		1		n-Propylbenzene	ND	5.0		1	
Carbon Disulfide	ND	50		1		1,1,1,2-Tetrachloroethane	ND	5.0		1	
Carbon Tetrachloride	ND	5.0		1		1,1,2,2-Tetrachloroethane	ND	5.0		1	
Chlorobenzene	ND	5.0		1		Tetrachloroethene	ND	5.0		1	
Chloroethane	ND	5.0		1		Toluene	ND	5.0		1	
Chloroform	ND	5.0		1		1,2,3-Trichlorobenzene	ND	10		1	
Chloromethane	ND	25		1		1,2,4-Trichlorobenzene	ND	5.0		1	
2-Chlorotoluene	ND	5.0		1		1,1,1-Trichloroethane	ND	5.0		1	
4-Chlorotoluene	ND	5.0		1		1,1,2-Trichloroethane	ND	5.0		1	
Dibromochloromethane	ND	5.0		1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50		1	
1,2-Dibromo-3-Chloropropane	ND	25		1		Trichloroethene	ND	5.0		1	
1,2-Dibromoethane	ND	5.0		1		1,2,3-Trichloropropane	ND	5.0		1	
Dibromomethane	ND	5.0		1		1,2,4-Trimethylbenzene	ND	5.0		1	
1,2-Dichlorobenzene	ND	5.0		1		Trichlorofluoromethane	ND	50		1	
1,3-Dichlorobenzene	ND	5.0		1		1,3,5-Trimethylbenzene	ND	5.0		1	
1,4-Dichlorobenzene	ND	5.0		1		Vinyl Acetate	ND	50		1	
Dichlorodifluoromethane	ND	5.0		1		Vinyl Chloride	ND	5.0		1	
1,1-Dichloroethane	ND	5.0		1		Xylenes (total)	ND	5.0		1	
1,2-Dichloroethane	ND	5.0		1		Methyl-t-Butyl Ether (MTBE)	ND	5.0		1	
1,1-Dichloroethene	ND	5.0		1		Tert-Butyl Alcohol (TBA)	ND	50		1	
c-1,2-Dichloroethene	ND	5.0		1		Diisopropyl Ether (DIPE)	ND	10		1	
t-1,2-Dichloroethene	ND	5.0		1		Ethyl-t-Butyl Ether (ETBE)	ND	10		1	
1,2-Dichloropropane	ND	5.0		1		Tert-Amyl-Methyl Ether (TAME)	ND	10		1	
1,3-Dichloropropane	ND	5.0		1		Ethanol	ND	500		1	
2,2-Dichloropropane	ND	5.0		1		TPPH	ND	500		1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	100	63-141		1,2-Dichloroethane-d4	101	62-146	
Toluene-d8	104	80-120		1,4-Bromofluorobenzene	98	60-132	
Toluene-d8-TPPH	110	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.		Date Received:	10/09/12
8281 Commonwealth Avenue		Work Order No:	12-10-0610
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/kg
Project: 20001 Brookhurst St., Huntington Beach, CA			Page 4 of 10

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
NSWS-B-8'	**12-10-0610-4-A**	**10/09/12 12:20**	**Solid**	**GC/MS RR**	**10/09/12**	**10/09/12 22:00**	**121009L01**

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	120		1		1,1-Dichloropropene	ND	5.0		1	
Benzene	ND	5.0		1		c-1,3-Dichloropropene	ND	5.0		1	
Bromobenzene	ND	5.0		1		t-1,3-Dichloropropene	ND	5.0		1	
Bromochloromethane	ND	5.0		1		Ethylbenzene	ND	5.0		1	
Bromodichloromethane	ND	5.0		1		2-Hexanone	ND	50		1	
Bromoform	ND	5.0		1		Isopropylbenzene	ND	5.0		1	
Bromomethane	ND	25		1		p-Isopropyltoluene	ND	5.0		1	
2-Butanone	ND	50		1		Methylene Chloride	ND	50		1	
n-Butylbenzene	ND	5.0		1		4-Methyl-2-Pentanone	ND	50		1	
sec-Butylbenzene	ND	5.0		1		Naphthalene	ND	50		1	
tert-Butylbenzene	ND	5.0		1		n-Propylbenzene	ND	5.0		1	
Carbon Disulfide	ND	50		1		1,1,1,2-Tetrachloroethane	ND	5.0		1	
Carbon Tetrachloride	ND	5.0		1		1,1,2,2-Tetrachloroethane	ND	5.0		1	
Chlorobenzene	ND	5.0		1		Tetrachloroethene	ND	5.0		1	
Chloroethane	ND	5.0		1		Toluene	ND	5.0		1	
Chloroform	ND	5.0		1		1,2,3-Trichlorobenzene	ND	10		1	
Chloromethane	ND	25		1		1,2,4-Trichlorobenzene	ND	5.0		1	
2-Chlorotoluene	ND	5.0		1		1,1,1-Trichloroethane	ND	5.0		1	
4-Chlorotoluene	ND	5.0		1		1,1,2-Trichloroethane	ND	5.0		1	
Dibromochloromethane	ND	5.0		1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50		1	
1,2-Dibromo-3-Chloropropane	ND	25		1		Trichloroethene	ND	5.0		1	
1,2-Dibromoethane	ND	5.0		1		1,2,3-Trichloropropane	ND	5.0		1	
Dibromomethane	ND	5.0		1		1,2,4-Trimethylbenzene	ND	5.0		1	
1,2-Dichlorobenzene	ND	5.0		1		Trichlorofluoromethane	ND	50		1	
1,3-Dichlorobenzene	ND	5.0		1		1,3,5-Trimethylbenzene	ND	5.0		1	
1,4-Dichlorobenzene	ND	5.0		1		Vinyl Acetate	ND	50		1	
Dichlorodifluoromethane	ND	5.0		1		Vinyl Chloride	ND	5.0		1	
1,1-Dichloroethane	ND	5.0		1		Xylenes (total)	ND	5.0		1	
1,2-Dichloroethane	ND	5.0		1		Methyl-t-Butyl Ether (MTBE)	ND	5.0		1	
1,1-Dichloroethene	ND	5.0		1		Tert-Butyl Alcohol (TBA)	ND	50		1	
c-1,2-Dichloroethene	ND	5.0		1		Diisopropyl Ether (DIPE)	ND	10		1	
t-1,2-Dichloroethene	ND	5.0		1		Ethyl-t-Butyl Ether (ETBE)	ND	10		1	
1,2-Dichloropropane	ND	5.0		1		Tert-Amyl-Methyl Ether (TAME)	ND	10		1	
1,3-Dichloropropane	ND	5.0		1		Ethanol	ND	500		1	
2,2-Dichloropropane	ND	5.0		1		TPPH	ND	500		1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	100	63-141		1,2-Dichloroethane-d4	103	62-146	
Toluene-d8	101	80-120		1,4-Bromofluorobenzene	102	60-132	
Toluene-d8-TPPH	106	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.		Date Received:	10/09/12
8281 Commonwealth Avenue		Work Order No:	12-10-0610
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/kg
Project: 20001 Brookhurst St., Huntington Beach, CA			Page 5 of 10

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
WSWS-B-8'	**12-10-0610-5-A**	**10/09/12 12:24**	**Solid**	**GC/MS RR**	**10/09/12**	**10/10/12 17:53**	**121010L02**

Comment(s): -Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	12000	620	100		1,1-Dichloropropene	ND	500	33	100	
Benzene	ND	500	13	100		c-1,3-Dichloropropene	ND	500	25	100	
Bromobenzene	ND	500	21	100		t-1,3-Dichloropropene	ND	500	61	100	
Bromochloromethane	ND	500	69	100		Ethylbenzene	ND	500	15	100	
Bromodichloromethane	ND	500	23	100		2-Hexanone	ND	5000	180	100	
Bromoform	ND	500	79	100		Isopropylbenzene	ND	500	55	100	
Bromomethane	ND	2500	940	100		p-Isopropyltoluene	ND	500	63	100	
2-Butanone	ND	5000	380	100		Methylene Chloride	ND	5000	130	100	
n-Butylbenzene	49	500	16	100	J	4-Methyl-2-Pentanone	ND	5000	430	100	
sec-Butylbenzene	ND	500	58	100		Naphthalene	ND	5000	81	100	
tert-Butylbenzene	ND	500	15	100		n-Propylbenzene	98	500	50	100	J
Carbon Disulfide	ND	5000	31	100		1,1,1,2-Tetrachloroethane	ND	500	24	100	
Carbon Tetrachloride	ND	500	28	100		1,1,2,2-Tetrachloroethane	ND	500	35	100	
Chlorobenzene	ND	500	22	100		Tetrachloroethene	ND	500	21	100	
Chloroethane	ND	500	150	100		Toluene	ND	500	52	100	
Chloroform	ND	500	24	100		1,2,3-Trichlorobenzene	ND	1000	91	100	
Chloromethane	44	2500	30	100	J	1,2,4-Trichlorobenzene	ND	500	31	100	
2-Chlorotoluene	ND	500	23	100		1,1,1-Trichloroethane	ND	500	23	100	
4-Chlorotoluene	ND	500	21	100		1,1,2-Trichloroethane	ND	500	35	100	
Dibromochloromethane	ND	500	57	100		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	5000	35	100	
1,2-Dibromo-3-Chloropropane	ND	2500	170	100		Trichloroethene	ND	500	30	100	
1,2-Dibromoethane	ND	500	26	100		1,2,3-Trichloropropane	ND	500	83	100	
Dibromomethane	ND	500	77	100		1,2,4-Trimethylbenzene	ND	500	59	100	
1,2-Dichlorobenzene	ND	500	23	100		Trichlorofluoromethane	ND	5000	38	100	
1,3-Dichlorobenzene	ND	500	18	100		1,3,5-Trimethylbenzene	ND	500	55	100	
1,4-Dichlorobenzene	ND	500	22	100		Vinyl Acetate	ND	5000	470	100	
Dichlorodifluoromethane	ND	500	44	100		Vinyl Chloride	ND	500	50	100	
1,1-Dichloroethane	ND	500	21	100		Xylenes (total)	ND	500	56	100	
1,2-Dichloroethane	ND	500	31	100		Methyl-t-Butyl Ether (MTBE)	ND	500	30	100	
1,1-Dichloroethene	ND	500	35	100		Tert-Butyl Alcohol (TBA)	ND	5000	520	100	
c-1,2-Dichloroethene	ND	500	28	100		Diisopropyl Ether (DIPE)	ND	1000	48	100	
t-1,2-Dichloroethene	ND	500	51	100		Ethyl-t-Butyl Ether (ETBE)	ND	1000	51	100	
1,2-Dichloropropane	ND	500	44	100		Tert-Amyl-Methyl Ether (TAME)	ND	1000	35	100	
1,3-Dichloropropane	ND	500	25	100		Ethanol	ND	50000	8400	100	
2,2-Dichloropropane	ND	500	33	100		TPPH	70000	50000	2500	100	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	94	63-141		1,2-Dichloroethane-d4	92	62-146	
Toluene-d8	105	80-120		1,4-Bromofluorobenzene	100	60-132	
Toluene-d8-TPPH	110	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received:	10/09/12
Work Order No:	12-10-0610
Preparation:	EPA 5030C
Method:	LUFT GC/MS / EPA 8260B
Units:	ug/kg

Project: 20001 Brookhurst St., Huntington Beach, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SSWS-B-8'	**12-10-0610-6-A**	**10/09/12 12:27**	**Solid**	**GC/MS RR**	**10/09/12**	**10/09/12 22:26**	**121009L01**

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	120		1		1,1-Dichloropropene	ND	5.0		1	
Benzene	ND	5.0		1		c-1,3-Dichloropropene	ND	5.0		1	
Bromobenzene	ND	5.0		1		t-1,3-Dichloropropene	ND	5.0		1	
Bromochloromethane	ND	5.0		1		Ethylbenzene	ND	5.0		1	
Bromodichloromethane	ND	5.0		1		2-Hexanone	ND	50		1	
Bromoform	ND	5.0		1		Isopropylbenzene	ND	5.0		1	
Bromomethane	ND	25		1		p-Isopropyltoluene	ND	5.0		1	
2-Butanone	ND	50		1		Methylene Chloride	ND	50		1	
n-Butylbenzene	ND	5.0		1		4-Methyl-2-Pentanone	ND	50		1	
sec-Butylbenzene	ND	5.0		1		Naphthalene	ND	50		1	
tert-Butylbenzene	ND	5.0		1		n-Propylbenzene	ND	5.0		1	
Carbon Disulfide	ND	50		1		1,1,1,2-Tetrachloroethane	ND	5.0		1	
Carbon Tetrachloride	ND	5.0		1		1,1,2,2-Tetrachloroethane	ND	5.0		1	
Chlorobenzene	ND	5.0		1		Tetrachloroethene	ND	5.0		1	
Chloroethane	ND	5.0		1		Toluene	ND	5.0		1	
Chloroform	ND	5.0		1		1,2,3-Trichlorobenzene	ND	10		1	
Chloromethane	ND	25		1		1,2,4-Trichlorobenzene	ND	5.0		1	
2-Chlorotoluene	ND	5.0		1		1,1,1-Trichloroethane	ND	5.0		1	
4-Chlorotoluene	ND	5.0		1		1,1,2-Trichloroethane	ND	5.0		1	
Dibromochloromethane	ND	5.0		1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50		1	
1,2-Dibromo-3-Chloropropane	ND	25		1		Trichloroethene	ND	5.0		1	
1,2-Dibromoethane	ND	5.0		1		1,2,3-Trichloropropane	ND	5.0		1	
Dibromomethane	ND	5.0		1		1,2,4-Trimethylbenzene	ND	5.0		1	
1,2-Dichlorobenzene	ND	5.0		1		Trichlorofluoromethane	ND	50		1	
1,3-Dichlorobenzene	ND	5.0		1		1,3,5-Trimethylbenzene	ND	5.0		1	
1,4-Dichlorobenzene	ND	5.0		1		Vinyl Acetate	ND	50		1	
Dichlorodifluoromethane	ND	5.0		1		Vinyl Chloride	ND	5.0		1	
1,1-Dichloroethane	ND	5.0		1		Xylenes (total)	ND	5.0		1	
1,2-Dichloroethane	ND	5.0		1		Methyl-t-Butyl Ether (MTBE)	ND	5.0		1	
1,1-Dichloroethene	ND	5.0		1		Tert-Butyl Alcohol (TBA)	ND	50		1	
c-1,2-Dichloroethene	ND	5.0		1		Diisopropyl Ether (DIPE)	ND	10		1	
t-1,2-Dichloroethene	ND	5.0		1		Ethyl-t-Butyl Ether (ETBE)	ND	10		1	
1,2-Dichloropropane	ND	5.0		1		Tert-Amyl-Methyl Ether (TAME)	ND	10		1	
1,3-Dichloropropane	ND	5.0		1		Ethanol	ND	500		1	
2,2-Dichloropropane	ND	5.0		1		TPPH	ND	500		1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	98	63-141		1,2-Dichloroethane-d4	99	62-146	
Toluene-d8	104	80-120		1,4-Bromofluorobenzene	98	60-132	
Toluene-d8-TPPH	110	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Wayne Perry, Inc.		Date Received:	10/09/12
8281 Commonwealth Avenue		Work Order No:	12-10-0610
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/kg
Project: 20001 Brookhurst St., Huntington Beach, CA			Page 7 of 10

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
ESWS-B-8'	12-10-0610-7-A	10/09/12 12:30	Solid	GC/MS RR	10/09/12	10/09/12 22:53	121009L01

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	120		1		1,1-Dichloropropene	ND	5.0		1	
Benzene	ND	5.0		1		c-1,3-Dichloropropene	ND	5.0		1	
Bromobenzene	ND	5.0		1		t-1,3-Dichloropropene	ND	5.0		1	
Bromochloromethane	ND	5.0		1		Ethylbenzene	ND	5.0		1	
Bromodichloromethane	ND	5.0		1		2-Hexanone	ND	50		1	
Bromoform	ND	5.0		1		Isopropylbenzene	ND	5.0		1	
Bromomethane	ND	25		1		p-Isopropyltoluene	ND	5.0		1	
2-Butanone	ND	50		1		Methylene Chloride	ND	50		1	
n-Butylbenzene	ND	5.0		1		4-Methyl-2-Pentanone	ND	50		1	
sec-Butylbenzene	ND	5.0		1		Naphthalene	ND	50		1	
tert-Butylbenzene	ND	5.0		1		n-Propylbenzene	ND	5.0		1	
Carbon Disulfide	ND	50		1		1,1,1,2-Tetrachloroethane	ND	5.0		1	
Carbon Tetrachloride	ND	5.0		1		1,1,2,2-Tetrachloroethane	ND	5.0		1	
Chlorobenzene	ND	5.0		1		Tetrachloroethene	ND	5.0		1	
Chloroethane	ND	5.0		1		Toluene	ND	5.0		1	
Chloroform	ND	5.0		1		1,2,3-Trichlorobenzene	ND	10		1	
Chloromethane	ND	25		1		1,2,4-Trichlorobenzene	ND	5.0		1	
2-Chlorotoluene	ND	5.0		1		1,1,1-Trichloroethane	ND	5.0		1	
4-Chlorotoluene	ND	5.0		1		1,1,2-Trichloroethane	ND	5.0		1	
Dibromochloromethane	ND	5.0		1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50		1	
1,2-Dibromo-3-Chloropropane	ND	25		1		Trichloroethene	ND	5.0		1	
1,2-Dibromoethane	ND	5.0		1		1,2,3-Trichloropropane	ND	5.0		1	
Dibromomethane	ND	5.0		1		1,2,4-Trimethylbenzene	ND	5.0		1	
1,2-Dichlorobenzene	ND	5.0		1		Trichlorofluoromethane	ND	50		1	
1,3-Dichlorobenzene	ND	5.0		1		1,3,5-Trimethylbenzene	ND	5.0		1	
1,4-Dichlorobenzene	ND	5.0		1		Vinyl Acetate	ND	50		1	
Dichlorodifluoromethane	ND	5.0		1		Vinyl Chloride	ND	5.0		1	
1,1-Dichloroethane	ND	5.0		1		Xylenes (total)	ND	5.0		1	
1,2-Dichloroethane	ND	5.0		1		Methyl-t-Butyl Ether (MTBE)	ND	5.0		1	
1,1-Dichloroethene	ND	5.0		1		Tert-Butyl Alcohol (TBA)	ND	50		1	
c-1,2-Dichloroethene	ND	5.0		1		Diisopropyl Ether (DIPE)	ND	10		1	
t-1,2-Dichloroethene	ND	5.0		1		Ethyl-t-Butyl Ether (ETBE)	ND	10		1	
1,2-Dichloropropane	ND	5.0		1		Tert-Amyl-Methyl Ether (TAME)	ND	10		1	
1,3-Dichloropropane	ND	5.0		1		Ethanol	ND	500		1	
2,2-Dichloropropane	ND	5.0		1		TPPH	ND	500		1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	99	63-141		1,2-Dichloroethane-d4	99	62-146	
Toluene-d8	101	80-120		1,4-Bromofluorobenzene	100	60-132	
Toluene-d8-TPPH	107	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.		Date Received:	10/09/12
8281 Commonwealth Avenue		Work Order No:	12-10-0610
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/kg
Project: 20001 Brookhurst St., Huntington Beach, CA			Page 8 of 10

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-798-1,531**	**N/A**	**Solid**	**GC/MS RR**	**10/09/12**	**10/09/12 17:58**	**121009L01**

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	120		1		1,1-Dichloropropene	ND	5.0		1	
Benzene	ND	5.0		1		c-1,3-Dichloropropene	ND	5.0		1	
Bromobenzene	ND	5.0		1		t-1,3-Dichloropropene	ND	5.0		1	
Bromochloromethane	ND	5.0		1		Ethylbenzene	ND	5.0		1	
Bromodichloromethane	ND	5.0		1		2-Hexanone	ND	50		1	
Bromoform	ND	5.0		1		Isopropylbenzene	ND	5.0		1	
Bromomethane	ND	25		1		p-Isopropyltoluene	ND	5.0		1	
2-Butanone	ND	50		1		Methylene Chloride	ND	50		1	
n-Butylbenzene	ND	5.0		1		4-Methyl-2-Pentanone	ND	50		1	
sec-Butylbenzene	ND	5.0		1		Naphthalene	ND	50		1	
tert-Butylbenzene	ND	5.0		1		n-Propylbenzene	ND	5.0		1	
Carbon Disulfide	ND	50		1		1,1,1,2-Tetrachloroethane	ND	5.0		1	
Carbon Tetrachloride	ND	5.0		1		1,1,2,2-Tetrachloroethane	ND	5.0		1	
Chlorobenzene	ND	5.0		1		Tetrachloroethene	ND	5.0		1	
Chloroethane	ND	5.0		1		Toluene	ND	5.0		1	
Chloroform	ND	5.0		1		1,2,3-Trichlorobenzene	ND	10		1	
Chloromethane	ND	25		1		1,2,4-Trichlorobenzene	ND	5.0		1	
2-Chlorotoluene	ND	5.0		1		1,1,1-Trichloroethane	ND	5.0		1	
4-Chlorotoluene	ND	5.0		1		1,1,2-Trichloroethane	ND	5.0		1	
Dibromochloromethane	ND	5.0		1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50		1	
1,2-Dibromo-3-Chloropropane	ND	25		1		Trichloroethene	ND	5.0		1	
1,2-Dibromoethane	ND	5.0		1		1,2,3-Trichloropropane	ND	5.0		1	
Dibromomethane	ND	5.0		1		1,2,4-Trimethylbenzene	ND	5.0		1	
1,2-Dichlorobenzene	ND	5.0		1		Trichlorofluoromethane	ND	50		1	
1,3-Dichlorobenzene	ND	5.0		1		1,3,5-Trimethylbenzene	ND	5.0		1	
1,4-Dichlorobenzene	ND	5.0		1		Vinyl Acetate	ND	50		1	
Dichlorodifluoromethane	ND	5.0		1		Vinyl Chloride	ND	5.0		1	
1,1-Dichloroethane	ND	5.0		1		Xylenes (total)	ND	5.0		1	
1,2-Dichloroethane	ND	5.0		1		Methyl-t-Butyl Ether (MTBE)	ND	5.0		1	
1,1-Dichloroethene	ND	5.0		1		Tert-Butyl Alcohol (TBA)	ND	50		1	
c-1,2-Dichloroethene	ND	5.0		1		Diisopropyl Ether (DIPE)	ND	10		1	
t-1,2-Dichloroethene	ND	5.0		1		Ethyl-t-Butyl Ether (ETBE)	ND	10		1	
1,2-Dichloropropane	ND	5.0		1		Tert-Amyl-Methyl Ether (TAME)	ND	10		1	
1,3-Dichloropropane	ND	5.0		1		Ethanol	ND	500		1	
2,2-Dichloropropane	ND	5.0		1		TPPH	ND	500		1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	98	63-141		1,2-Dichloroethane-d4	100	62-146	
Toluene-d8	100	80-120		1,4-Bromofluorobenzene	100	60-132	
Toluene-d8-TPPH	105	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received:	10/09/12
Work Order No:	12-10-0610
Preparation:	EPA 5030C
Method:	LUFT GC/MS / EPA 8260B
Units:	ug/kg

Project: 20001 Brookhurst St., Huntington Beach, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-798-1,533**	**N/A**	**Solid**	**GC/MS RR**	**10/10/12**	**10/10/12 16:30**	**121010L01**

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	120		1		1,1-Dichloropropene	ND	5.0		1	
Benzene	ND	5.0		1		c-1,3-Dichloropropene	ND	5.0		1	
Bromobenzene	ND	5.0		1		t-1,3-Dichloropropene	ND	5.0		1	
Bromochloromethane	ND	5.0		1		Ethylbenzene	ND	5.0		1	
Bromodichloromethane	ND	5.0		1		2-Hexanone	ND	50		1	
Bromoform	ND	5.0		1		Isopropylbenzene	ND	5.0		1	
Bromomethane	ND	25		1		p-Isopropyltoluene	ND	5.0		1	
2-Butanone	ND	50		1		Methylene Chloride	ND	50		1	
n-Butylbenzene	ND	5.0		1		4-Methyl-2-Pentanone	ND	50		1	
sec-Butylbenzene	ND	5.0		1		Naphthalene	ND	50		1	
tert-Butylbenzene	ND	5.0		1		n-Propylbenzene	ND	5.0		1	
Carbon Disulfide	ND	50		1		1,1,1,2-Tetrachloroethane	ND	5.0		1	
Carbon Tetrachloride	ND	5.0		1		1,1,2,2-Tetrachloroethane	ND	5.0		1	
Chlorobenzene	ND	5.0		1		Tetrachloroethene	ND	5.0		1	
Chloroethane	ND	5.0		1		Toluene	ND	5.0		1	
Chloroform	ND	5.0		1		1,2,3-Trichlorobenzene	ND	10		1	
Chloromethane	ND	25		1		1,2,4-Trichlorobenzene	ND	5.0		1	
2-Chlorotoluene	ND	5.0		1		1,1,1-Trichloroethane	ND	5.0		1	
4-Chlorotoluene	ND	5.0		1		1,1,2-Trichloroethane	ND	5.0		1	
Dibromochloromethane	ND	5.0		1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50		1	
1,2-Dibromo-3-Chloropropane	ND	25		1		Trichloroethene	ND	5.0		1	
1,2-Dibromoethane	ND	5.0		1		1,2,3-Trichloropropane	ND	5.0		1	
Dibromomethane	ND	5.0		1		1,2,4-Trimethylbenzene	ND	5.0		1	
1,2-Dichlorobenzene	ND	5.0		1		Trichlorofluoromethane	ND	50		1	
1,3-Dichlorobenzene	ND	5.0		1		1,3,5-Trimethylbenzene	ND	5.0		1	
1,4-Dichlorobenzene	ND	5.0		1		Vinyl Acetate	ND	50		1	
Dichlorodifluoromethane	ND	5.0		1		Vinyl Chloride	ND	5.0		1	
1,1-Dichloroethane	ND	5.0		1		Xylenes (total)	ND	5.0		1	
1,2-Dichloroethane	ND	5.0		1		Methyl-t-Butyl Ether (MTBE)	ND	5.0		1	
1,1-Dichloroethene	ND	5.0		1		Tert-Butyl Alcohol (TBA)	ND	50		1	
c-1,2-Dichloroethene	ND	5.0		1		Diisopropyl Ether (DIPE)	ND	10		1	
t-1,2-Dichloroethene	ND	5.0		1		Ethyl-t-Butyl Ether (ETBE)	ND	10		1	
1,2-Dichloropropane	ND	5.0		1		Tert-Amyl-Methyl Ether (TAME)	ND	10		1	
1,3-Dichloropropane	ND	5.0		1		Ethanol	ND	500		1	
2,2-Dichloropropane	ND	5.0		1		TPPH	ND	500		1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	98	63-141		1,2-Dichloroethane-d4	96	62-146	
Toluene-d8	99	80-120		1,4-Bromofluorobenzene	99	60-132	
Toluene-d8-TPPH	104	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received: 10/09/12
Work Order No: 12-10-0610
Preparation: EPA 5030C
Method: LUFT GC/MS / EPA 8260B
Units: ug/kg

Project: 20001 Brookhurst St., Huntington Beach, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-798-1,534**	**N/A**	**Solid**	**GC/MS RR**	**10/10/12**	**10/10/12 16:04**	**121010L02**

Comment(s): -Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	12000	620	100		1,1-Dichloropropene	ND	500	33	100	
Benzene	ND	500	13	100		c-1,3-Dichloropropene	ND	500	25	100	
Bromobenzene	ND	500	21	100		t-1,3-Dichloropropene	ND	500	61	100	
Bromochloromethane	ND	500	69	100		Ethylbenzene	ND	500	15	100	
Bromodichloromethane	ND	500	23	100		2-Hexanone	ND	5000	180	100	
Bromoform	ND	500	79	100		Isopropylbenzene	ND	500	55	100	
Bromomethane	ND	2500	940	100		p-Isopropyltoluene	ND	500	63	100	
2-Butanone	ND	5000	380	100		Methylene Chloride	ND	5000	130	100	
n-Butylbenzene	ND	500	16	100		4-Methyl-2-Pentanone	ND	5000	430	100	
sec-Butylbenzene	ND	500	58	100		Naphthalene	ND	5000	81	100	
tert-Butylbenzene	ND	500	15	100		n-Propylbenzene	ND	500	50	100	
Carbon Disulfide	ND	5000	31	100		1,1,1,2-Tetrachloroethane	ND	500	24	100	
Carbon Tetrachloride	ND	500	28	100		1,1,2,2-Tetrachloroethane	ND	500	35	100	
Chlorobenzene	ND	500	22	100		Tetrachloroethene	ND	500	21	100	
Chloroethane	ND	500	150	100		Toluene	ND	500	52	100	
Chloroform	ND	500	24	100		1,2,3-Trichlorobenzene	ND	1000	91	100	
Chloromethane	ND	2500	30	100		1,2,4-Trichlorobenzene	ND	500	31	100	
2-Chlorotoluene	ND	500	23	100		1,1,1-Trichloroethane	ND	500	23	100	
4-Chlorotoluene	ND	500	21	100		1,1,2-Trichloroethane	ND	500	35	100	
Dibromochloromethane	ND	500	57	100		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	5000	35	100	
1,2-Dibromo-3-Chloropropane	ND	2500	170	100		Trichloroethene	ND	500	30	100	
1,2-Dibromoethane	ND	500	26	100		1,2,3-Trichloropropane	ND	500	83	100	
Dibromomethane	ND	500	77	100		1,2,4-Trimethylbenzene	ND	500	59	100	
1,2-Dichlorobenzene	ND	500	23	100		Trichlorofluoromethane	ND	5000	38	100	
1,3-Dichlorobenzene	ND	500	18	100		1,3,5-Trimethylbenzene	ND	500	55	100	
1,4-Dichlorobenzene	ND	500	22	100		Vinyl Acetate	ND	5000	470	100	
Dichlorodifluoromethane	ND	500	44	100		Vinyl Chloride	ND	500	50	100	
1,1-Dichloroethane	ND	500	21	100		Xylenes (total)	ND	500	56	100	
1,2-Dichloroethane	ND	500	31	100		Methyl-t-Butyl Ether (MTBE)	ND	500	30	100	
1,1-Dichloroethene	ND	500	35	100		Tert-Butyl Alcohol (TBA)	ND	5000	520	100	
c-1,2-Dichloroethene	ND	500	28	100		Diisopropyl Ether (DIPE)	ND	1000	48	100	
t-1,2-Dichloroethene	ND	500	51	100		Ethyl-t-Butyl Ether (ETBE)	ND	1000	51	100	
1,2-Dichloropropane	ND	500	44	100		Tert-Amyl-Methyl Ether (TAME)	ND	1000	35	100	
1,3-Dichloropropane	ND	500	25	100		Ethanol	ND	50000	8400	100	
2,2-Dichloropropane	ND	500	33	100		TPPH	ND	50000	2500	100	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	97	63-141		1,2-Dichloroethane-d4	95	62-146	
Toluene-d8	99	80-120		1,4-Bromofluorobenzene	99	60-132	
Toluene-d8-TPPH	104	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Return to Contents

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Accredited in accordance with nelac

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received: 10/09/12
Work Order No: 12-10-0610
Preparation: EPA 5030C
Method: LUFT GC/MS / EPA 8260B

Project 20001 Brookhurst St., Huntington Beach, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
WSWS-E-8'	**Solid**	**GC/MS RR**	**10/09/12**	**10/09/12**	**121009S01**

Parameter	SAMPLE CONC	SPIKE ADDED	MS CONC	MS %REC	MSD CONC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	28.14	50.00	89.77	123	71.63	87	61-127	22	0-20	4
Carbon Tetrachloride	ND	50.00	55.49	111	56.73	113	51-135	2	0-29	
Chlorobenzene	ND	50.00	55.73	111	56.99	114	57-123	2	0-20	
1,2-Dibromoethane	ND	50.00	55.64	111	56.85	114	64-124	2	0-20	
1,2-Dichlorobenzene	ND	50.00	53.53	107	56.39	113	35-131	5	0-25	
1,2-Dichloroethane	ND	50.00	54.69	109	54.97	110	80-120	1	0-20	
1,1-Dichloroethene	ND	50.00	50.17	100	51.01	102	47-143	2	0-25	
Ethylbenzene	ND	50.00	58.24	116	59.08	118	57-129	1	0-22	
Toluene	ND	50.00	55.94	112	56.65	113	63-123	1	0-20	
Trichloroethene	ND	50.00	56.80	114	56.79	114	44-158	0	0-20	
Vinyl Chloride	ND	50.00	62.99	126	68.00	136	49-139	8	0-47	
Xylenes (total)	ND	150.0	174.1	116	176.4	118	70-130	1	0-30	
Methyl-t-Butyl Ether (MTBE)	ND	50.00	48.63	97	48.56	97	57-123	0	0-21	
Tert-Butyl Alcohol (TBA)	ND	250.0	271.5	109	283.7	113	30-168	4	0-34	
Diisopropyl Ether (DIPE)	ND	50.00	56.52	113	54.59	109	57-129	3	0-20	
Ethyl-t-Butyl Ether (ETBE)	ND	50.00	52.07	104	51.88	104	55-127	0	0-20	
Tert-Amyl-Methyl Ether (TAME)	ND	50.00	51.25	103	52.46	105	58-124	2	0-20	
Ethanol	ND	500.0	419.7	84	426.2	85	17-167	2	0-47	

Return to Contents

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Accredited in accordance with nelac

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received: 10/09/12
Work Order No: 12-10-0610
Preparation: EPA 5030C
Method: LUFT GC/MS / EPA 8260B

Project 20001 Brookhurst St., Huntington Beach, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
NSWS-E-8'	**Solid**	**GC/MS RR**	**10/10/12**	**10/10/12**	**121010S01**

Parameter	SAMPLE CONC	SPIKE ADDED	MS CONC	MS %REC	MSD CONC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	ND	50.00	53.52	107	51.96	104	61-127	3	0-20	
Carbon Tetrachloride	ND	50.00	52.73	105	52.23	104	51-135	1	0-29	
Chlorobenzene	ND	50.00	52.27	105	51.34	103	57-123	2	0-20	
1,2-Dibromoethane	ND	50.00	54.45	109	50.38	101	64-124	8	0-20	
1,2-Dichlorobenzene	ND	50.00	52.99	106	51.66	103	35-131	3	0-25	
1,2-Dichloroethane	ND	50.00	52.99	106	49.56	99	80-120	7	0-20	
1,1-Dichloroethene	ND	50.00	44.92	90	44.09	88	47-143	2	0-25	
Ethylbenzene	ND	50.00	56.05	112	55.32	111	57-129	1	0-22	
Toluene	ND	50.00	53.60	107	51.52	103	63-123	4	0-20	
Trichloroethene	ND	50.00	52.67	105	51.51	103	44-158	2	0-20	
Vinyl Chloride	ND	50.00	52.62	105	53.66	107	49-139	2	0-47	
Xylenes (total)	ND	150.0	165.6	110	163.7	109	70-130	1	0-30	
Methyl-t-Butyl Ether (MTBE)	ND	50.00	46.05	92	42.77	86	57-123	7	0-21	
Tert-Butyl Alcohol (TBA)	ND	250.0	277.0	111	258.6	103	30-168	7	0-34	
Diisopropyl Ether (DIPE)	ND	50.00	49.06	98	46.54	93	57-129	5	0-20	
Ethyl-t-Butyl Ether (ETBE)	ND	50.00	48.87	98	45.46	91	55-127	7	0-20	
Tert-Amyl-Methyl Ether (TAME)	ND	50.00	50.66	101	46.68	93	58-124	8	0-20	
Ethanol	ND	500.0	665.5	133	574.5	115	17-167	15	0-47	

Return to Contents

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received: N/A
Work Order No: 12-10-0610
Preparation: EPA 5030C
Method: LUFT GC/MS / EPA 8260B

Project: 20001 Brookhurst St., Huntington Beach, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-798-1,531	Solid	GC/MS RR	10/09/12	10/09/12	121009L01

Parameter	SPIKE ADDED	LCS CONC	LCS %REC	LCSD CONC	LCSD %REC	%REC CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	50.00	49.25	99	50.95	102	78-120	71-127	3	0-20	
Carbon Tetrachloride	50.00	49.55	99	51.29	103	49-139	34-154	3	0-20	
Chlorobenzene	50.00	49.57	99	51.09	102	79-120	72-127	3	0-20	
1,2-Dibromoethane	50.00	51.12	102	52.69	105	80-120	73-127	3	0-20	
1,2-Dichlorobenzene	50.00	50.11	100	50.55	101	75-120	68-128	1	0-20	
1,2-Dichloroethane	50.00	50.79	102	51.82	104	80-120	73-127	2	0-20	
1,1-Dichloroethene	50.00	43.70	87	45.26	91	74-122	66-130	4	0-20	
Ethylbenzene	50.00	49.55	99	51.20	102	76-120	69-127	3	0-20	
Toluene	50.00	50.35	101	51.14	102	77-120	70-127	2	0-20	
Trichloroethene	50.00	49.00	98	50.22	100	80-120	73-127	2	0-20	
Vinyl Chloride	50.00	53.83	108	57.11	114	68-122	59-131	6	0-20	
Xylenes (total)	150.0	149.1	99	154.7	103	75-125	67-133	4	0-25	
Methyl-t-Butyl Ether (MTBE)	50.00	46.05	92	46.54	93	77-120	70-127	1	0-20	
Tert-Butyl Alcohol (TBA)	250.0	248.3	99	260.6	104	68-122	59-131	5	0-20	
Diisopropyl Ether (DIPE)	50.00	49.81	100	50.65	101	78-120	71-127	2	0-20	
Ethyl-t-Butyl Ether (ETBE)	50.00	50.20	100	50.83	102	78-120	71-127	1	0-20	
Tert-Amyl-Methyl Ether (TAME)	50.00	48.89	98	50.08	100	75-120	68-128	2	0-20	
Ethanol	500.0	404.9	81	434.5	87	56-140	42-154	7	0-20	
TPPH	1000	867.5	87	889.3	89	65-135	53-147	2	0-30	

Total number of LCS compounds : 19
Total number of ME compounds : 0
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit

7440 Lincoln Way, Garden Grove, CA 92841-1427 • TEL:(714) 895-5494 • FAX: (714) 894-7501

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Accredited in accordance with nelac

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received: N/A
Work Order No: 12-10-0610
Preparation: EPA 5030C
Method: LUFT GC/MS / EPA 8260B

Project: 20001 Brookhurst St., Huntington Beach, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-798-1,533	Solid	GC/MS RR	10/10/12	10/10/12	121010L01

Parameter	SPIKE ADDED	LCS CONC	LCS %REC	LCSD CONC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	50.00	53.00	106	47.78	96	78-120	71-127	10	0-20	
Carbon Tetrachloride	50.00	52.29	105	48.51	97	49-139	34-154	8	0-20	
Chlorobenzene	50.00	51.08	102	46.16	92	79-120	72-127	10	0-20	
1,2-Dibromoethane	50.00	50.77	102	46.57	93	80-120	73-127	9	0-20	
1,2-Dichlorobenzene	50.00	51.07	102	47.09	94	75-120	68-128	8	0-20	
1,2-Dichloroethane	50.00	52.13	104	47.81	96	80-120	73-127	9	0-20	
1,1-Dichloroethene	50.00	42.97	86	39.84	80	74-122	66-130	8	0-20	
Ethylbenzene	50.00	54.18	108	48.59	97	76-120	69-127	11	0-20	
Toluene	50.00	53.66	107	47.93	96	77-120	70-127	11	0-20	
Trichloroethene	50.00	52.10	104	46.34	93	80-120	73-127	12	0-20	
Vinyl Chloride	50.00	48.80	98	47.96	96	68-122	59-131	2	0-20	
Xylenes (total)	150.0	160.3	107	145.8	97	75-125	67-133	9	0-25	
Methyl-t-Butyl Ether (MTBE)	50.00	43.14	86	41.83	84	77-120	70-127	3	0-20	
Tert-Butyl Alcohol (TBA)	250.0	248.5	99	221.2	88	68-122	59-131	12	0-20	
Diisopropyl Ether (DIPE)	50.00	48.09	96	44.97	90	78-120	71-127	7	0-20	
Ethyl-t-Butyl Ether (ETBE)	50.00	47.36	95	45.03	90	78-120	71-127	5	0-20	
Tert-Amyl-Methyl Ether (TAME)	50.00	48.90	98	45.12	90	75-120	68-128	8	0-20	
Ethanol	500.0	560.8	112	505.7	101	56-140	42-154	10	0-20	
TPPH	1000	1046	105	846.6	85	65-135	53-147	21	0-30	

Total number of LCS compounds : 19
Total number of ME compounds : 0
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit

Return to Contents

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received: N/A
Work Order No: 12-10-0610
Preparation: EPA 5030C
Method: LUFT GC/MS / EPA 8260B

Project: 20001 Brookhurst St., Huntington Beach, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-798-1,534	Solid	GC/MS RR	10/10/12	10/10/12	121010L02

Parameter	SPIKE ADDED	LCS CONC	LCS %REC	LCSD CONC	LCSD %REC	%REC CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	50.00	53.00	106	47.78	96	78-120	71-127	10	0-20	
Carbon Tetrachloride	50.00	52.29	105	48.51	97	49-139	34-154	8	0-20	
Chlorobenzene	50.00	51.08	102	46.16	92	79-120	72-127	10	0-20	
1,2-Dibromoethane	50.00	50.77	102	46.57	93	80-120	73-127	9	0-20	
1,2-Dichlorobenzene	50.00	51.07	102	47.09	94	75-120	68-128	8	0-20	
1,2-Dichloroethane	50.00	52.13	104	47.81	96	80-120	73-127	9	0-20	
1,1-Dichloroethene	50.00	42.97	86	39.84	80	74-122	66-130	8	0-20	
Ethylbenzene	50.00	54.18	108	48.59	97	76-120	69-127	11	0-20	
Toluene	50.00	53.66	107	47.93	96	77-120	70-127	11	0-20	
Trichloroethene	50.00	52.10	104	46.34	93	80-120	73-127	12	0-20	
Vinyl Chloride	50.00	48.80	98	47.96	96	68-122	59-131	2	0-20	
Xylenes (total)	150.0	160.3	107	145.8	97	75-125	67-133	9	0-25	
Methyl-t-Butyl Ether (MTBE)	50.00	43.14	86	41.83	84	77-120	70-127	3	0-20	
Tert-Butyl Alcohol (TBA)	250.0	248.5	99	221.2	88	68-122	59-131	12	0-20	
Diisopropyl Ether (DIPE)	50.00	48.09	96	44.97	90	78-120	71-127	7	0-20	
Ethyl-t-Butyl Ether (ETBE)	50.00	47.36	95	45.03	90	78-120	71-127	5	0-20	
Tert-Amyl-Methyl Ether (TAME)	50.00	48.90	98	45.12	90	75-120	68-128	8	0-20	
Ethanol	500.0	560.8	112	505.7	101	56-140	42-154	10	0-20	
TPPH	1000	1046	105	846.6	85	65-135	53-147	21	0-30	

Total number of LCS compounds : 19
Total number of ME compounds : 0
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

Return to Contents

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 12-10-0610

Qualifier	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported without further clarification.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
ME	LCS/LCSD Recovery Percentage is within Marginal Exceedance (ME) Control Limit range.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.
MPN - Most Probable Number

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WAYNE PERRY, INC - Chain of Custody for Shell Oil Products

LAB (LOCATION)
- [x] CALSCIENCE ( )
- [ ] SPL ( )
- [ ] XENCO ( )
- [ ] TEST AMERICA ( )
- [x] OTHER ( )

Please Check Appropriate Box:
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- [ ] CONSULTANT
- [ ] LUBES
- [ ] SHELL PIPELINE
- [ ] OTHER

Print Bill To:
WAYNE PERRY, INC.
8281 Commonwealth Ave
Buena Park, CA 90621

DATE: 10/9/12
PAGE: 1 of

SAMPLING COMPANY: Wayne Perry Inc
LOG CODE:
ADDRESS: 8281 Commonwealth Ave Buena Park CA
SAMPLING COMPANY PROJECT CONTACT (PDF Report to): Erica Rodriguez
TELEPHONE: 7148260352 FAX: 7145237880 E-MAIL: erodriguez@wpinc.com

SITE ADDRESS: Street and City: 2000 Brookhurst Huntington Beach State: CA
GLOBAL ID NO.: T0605900535
EDF DELIVERABLE TO (Name, Company, Office Location): Shannon Jewell
PHONE NO.: 7148260352
E-MAIL: sjewell@wpinc.com
CONSULTANT PROJECT NO.: 11.2340
SAMPLER NAME(S) (Print): R. Deamer
LABS USE ONLY: 12-10-0610

TURNAROUND TIME (CALENDAR DAYS):
- [ ] STANDARD (14 DAY)
- [ ] 5 DAYS
- [ ] 3 DAYS
- [ ] 2 DAYS
- [x] 24 HOURS
- [ ] RESULTS NEEDED ON WEEKEND

- [ ] LA - RWQCB REPORT FORMAT
- [x] UST AGENCY: OCHCA

SPECIAL INSTRUCTIONS OR NOTES: if TPPH exceeds 1,000,000 then run 8015 as per Erica Rodriguez

- [x] SHELL CONTRACT RATE APPLIES
- [ ] STATE REIMBURSEMENT RATE APPLIES
- [ ] EDD NOT NEEDED
- [x] RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	TPH-D Extractable (8015M)	TPPH - Purgeable (8260B)	BTEX / Oxygenates (8260B)	8260B full list	Ethanol (8260B)	Methanol (8015M)	8015M (TPHG)	TEMPERATURE ON RECEIPT C° / Container PID Readings or Laboratory Notes
1	WSWS-E-8'	10/9	0835	Soil					ice	1		X		X				
2	NSWS-E-8'		0837															
3	SSWS-E-8'		0843															
4	NSWS-B-8'		1220															
5	WSWS-B-8'		1224															
6	SSWS-B-8'		1227															
7	ESWS-B-8'		1230															

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
		10/9/12	1425
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

05/2/06 Revision

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CHAIN OF CUSTODY
County of Orange Health Care Agency
Environmental Health Division
1241 E. Dyer Rd., Ste. 120, Santa Ana, CA 92705
Telephone: (714) 433-6000 / FAX: (714) 754-1768

1. ALL SAMPLES ARE TO BE HANDLED AS COURT EVIDENCE, AND ARE TO BE PROPERLY STORED IN A SECURE LOCATION.

2. PLEASE WRITE LEGIBLY.

3. ATTACH THIS FORM TO THE ORIGINAL REPORT OF THE ANALYTICAL RESULTS AND RETURN THEM TO THIS OFFICE. LABORATORY RESULTS RECEIVED WITHOUT PROPER CHAIN OF CUSTODY DOCUMENTATION WILL NOT BE ACCEPTED.

4. TO BE COMPLETED BY LABORATORY ANALYST

LAB NO.: 12-10-0610

DATE RECEIVED: 10/9/12

SAMPLE(S) CONDITION (PLEASE CHECK):

CHILLED: ✓ COUNTY SEAL(S) INTACT: ✓

CONTAINER IN GOOD CONDITION: YES

DATE ANALYSIS COMPLETED:

ANALYST:

5. TO BE COMPLETED BY SAMPLE COLLECTOR

SITE NAME/ADDRESS: SHELL 20001 BROOKHURST, H.B.

DATE OF COLLECTION: 10/9/12

SAMPLE COLLECTOR/COMPANY: Robert Deaner / Wayne Perry

TELEPHONE NO.:

HCA REPRESENTATIVE: D. BAKER

6.

SAMPLE NUMBER	DETERMINATION REQUESTED	SAMPLE DESCRIPTION/COMMENTS	TIME OF COLLECTION
NSWS-B-8	8260B FULL SCAN	SOIL, EXCAVATION B	1220
WSW8-B-8	INCL TPPH		1224
SSWS-B-8			1227
ESWS-B-8			1230

7. CHAIN OF CUSTODY

	SIGNATURE	COMPANY/AGENCY	INCLUSIVE DATES/TIMES
1.	Deanna Baker	OCHCA/LOP	10-9-12. 1240
2.		WPI	10-9-12. 1240
3.		WPI	10-9-12. 1425
4.		CA	10/9/12. 1425
5.			
6.			

#2

WHITE-RETURN THIS COPY TO ENVIRONMENTAL HEALTH, CANARY-LABORATORY COPY
PINK-CONTRACTOR/CONSULTANT COPY, GOLDENROD-OFFICE COPY

F272-9.1531.1(R8/89) (PS)

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Calscience Environmental Laboratories, Inc.

WORK ORDER #: 12-10-0610

SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: WPI

DATE: 10/09/12

TEMPERATURE: Thermometer ID: SC4 (Criteria: 0.0 °C – 6.0 °C, not frozen)

Temperature 2.9 °C - 0.3 °C (CF) = 2.6 °C ☐ Blank ☑ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____).

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ **Received at ambient temperature, placed on ice for transport by Courier.**

Ambient Temperature: ☐ Air ☐ Filter Initial: RS

CUSTODY SEALS INTACT:

☐ Cooler ☐ _____ ☐ No (Not Intact) ☑ Not Present ☐ N/A Initial: RS

☑ Sample (4T07) ☐ _____ ☐ No (Not Intact) ☑ Not Present (C1T03) Initial: RS

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Collection date/time, matrix, and/or # of containers logged in based on sample labels.			
☐ No analysis requested. ☐ Not relinquished. ☐ No date/time relinquished.			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and good condition	☑	☐	☐
Proper containers and sufficient volume for analyses requested	☑	☐	☐
Analyses received within holding time	☑	☐	☐
pH / Res. Chlorine / Diss. Sulfide / Diss. Oxygen received within 24 hours	☐	☐	☑
Proper preservation noted on COC or sample container	☐	☐	☑
☐ Unpreserved vials received for Volatiles analysis			
Volatile analysis container(s) free of headspace	☐	☐	☑
Tedlar bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE:

Solid: ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☑Sleeve (S) ☐EnCores® ☐TerraCores® ☐_____

Water: ☐VOA ☐VOAh ☐VOAna_2 ☐125AGB ☐125AGBh ☐125AGBp ☐1AGB ☐1AGBna_2 ☐1AGBs ☐500AGB ☐500AGJ ☐500AGJs ☐250AGB ☐250CGB ☐250CGBs ☐1PB ☐1PBna ☐500PB ☐250PB ☐250PBn ☐125PB ☐125PBznna ☐100PJ ☐100PJna_2 ☐_____ ☐_____ ☐_____

Air: ☐Tedlar® ☐Canister **Other:** ☐_____ **Trip Blank Lot#:**_____ **Labeled/Checked by:** RS

Container: C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag E: Envelope **Reviewed by:** TN

Preservative: h: HCL n: HNO_3 na_2: $Na_2S_2O_3$ na: NaOH p: H_3PO_4 s: H_2SO_4 u: Ultra-pure znna: $ZnAc_2$+NaOH f: Filtered **Scanned by:** TN

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Calscience Environmental Laboratories, Inc.

CALSCIENCE

WORK ORDER NUMBER: 12-09-1559

The difference is service

AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: Wayne Perry, Inc.

Client Project Name: 20001 Brookhurst St., Huntington Beach, CA

Attention: Erin Rodriguez
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Approved for release on 09/27/2012 **by:**
Xuan Dang
Project Manager

ResultLink ›

Email your PM ›

Accredited in accordance with nelac

Calscience Environmental Laboratories, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

7440 Lincoln Way, Garden Grove, CA 92841-1432 • TEL: (714) 895-5494 • FAX: (714) 894-7501 • www.calscience.com

NELAP ID: 03220CA | DoD-ELAP ID: L10-41 | CSDLAC ID: 10109 | SCAQMD ID: 93LA0830

Calscience Environmental Laboratories, Inc.

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Client Project Name: 20001 Brookhurst St., Huntington Beach, CA
Work Order Number: 12-09-1559

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Calscience Environmental Laboratories, Inc.

Client:	Wayne Perry, Inc. 8281 Commonwealth Avenue Buena Park, CA 90621-2537	Work Order:	12-09-1559
		Project name:	20001 Brookhurst St., Huntington Beach, C
		Received:	09/25/12 16:38
Attn:	Erin Rodriguez		

DETECTIONS SUMMARY

Client Sample ID Analyte	Result	Qualifiers	Reporting Limit	Units	Method	Extraction
COMP (SP-1,2ab) (12-09-1559-4)						
Arsenic	**5.70**		0.750	mg/kg	EPA 6010B	EPA 3050B
Barium	**90.2**		0.500	mg/kg	EPA 6010B	EPA 3050B
Beryllium	**0.445**		0.250	mg/kg	EPA 6010B	EPA 3050B
Cadmium	**0.604**		0.500	mg/kg	EPA 6010B	EPA 3050B
Chromium	**19.3**		0.250	mg/kg	EPA 6010B	EPA 3050B
Cobalt	**10.5**		0.250	mg/kg	EPA 6010B	EPA 3050B
Copper	**14.1**		0.500	mg/kg	EPA 6010B	EPA 3050B
Lead	**12.9**		0.500	mg/kg	EPA 6010B	EPA 3050B
Molybdenum	**0.551**		0.250	mg/kg	EPA 6010B	EPA 3050B
Nickel	**12.7**		0.250	mg/kg	EPA 6010B	EPA 3050B
Vanadium	**34.9**		0.250	mg/kg	EPA 6010B	EPA 3050B
Zinc	**60.6**		1.00	mg/kg	EPA 6010B	EPA 3050B

Subcontracted analyses, if any, are not included in this summary.

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*MDL is shown.

Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.		Date Received:	09/25/12
8281 Commonwealth Avenue		Work Order No:	12-09-1559
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/kg

Project: 20001 Brookhurst St., Huntington Beach, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SP-1	**12-09-1559-1-A**	**09/25/12 15:15**	**Solid**	**GC/MS W**	**09/25/12**	**09/26/12 16:58**	**120926L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	120	1		c-1,3-Dichloropropene	ND	5.0	1	
Benzene	ND	5.0	1		t-1,3-Dichloropropene	ND	5.0	1	
Bromobenzene	ND	5.0	1		Ethylbenzene	ND	5.0	1	
Bromochloromethane	ND	5.0	1		2-Hexanone	ND	50	1	
Bromodichloromethane	ND	5.0	1		Isopropylbenzene	ND	5.0	1	
Bromoform	ND	5.0	1		p-Isopropyltoluene	ND	5.0	1	
Bromomethane	ND	25	1		Methylene Chloride	ND	50	1	
2-Butanone	ND	50	1		4-Methyl-2-Pentanone	ND	50	1	
n-Butylbenzene	ND	5.0	1		Naphthalene	ND	50	1	
sec-Butylbenzene	ND	5.0	1		n-Propylbenzene	ND	5.0	1	
tert-Butylbenzene	ND	5.0	1		1,1,1,2-Tetrachloroethane	ND	5.0	1	
Carbon Disulfide	ND	50	1		1,1,2,2-Tetrachloroethane	ND	5.0	1	
Carbon Tetrachloride	ND	5.0	1		Tetrachloroethene	ND	5.0	1	
Chlorobenzene	ND	5.0	1		Toluene	ND	5.0	1	
Chloroethane	ND	5.0	1		1,2,3-Trichlorobenzene	ND	10	1	
Chloroform	ND	5.0	1		1,2,4-Trichlorobenzene	ND	5.0	1	
Chloromethane	ND	25	1		1,1,1-Trichloroethane	ND	5.0	1	
2-Chlorotoluene	ND	5.0	1		1,1,2-Trichloroethane	ND	5.0	1	
4-Chlorotoluene	ND	5.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	1	
Dibromochloromethane	ND	5.0	1		Trichloroethene	ND	5.0	1	
1,2-Dibromo-3-Chloropropane	ND	25	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dibromoethane	ND	5.0	1		1,2,4-Trimethylbenzene	ND	5.0	1	
Dibromomethane	ND	5.0	1		Trichlorofluoromethane	ND	50	1	
1,2-Dichlorobenzene	ND	5.0	1		1,3,5-Trimethylbenzene	ND	5.0	1	
1,3-Dichlorobenzene	ND	5.0	1		Vinyl Acetate	ND	50	1	
1,4-Dichlorobenzene	ND	5.0	1		Vinyl Chloride	ND	5.0	1	
Dichlorodifluoromethane	ND	5.0	1		Xylenes (total)	ND	5.0	1	
1,1-Dichloroethane	ND	5.0	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
1,2-Dichloroethane	ND	5.0	1		Tert-Butyl Alcohol (TBA)	ND	50	1	
1,1-Dichloroethene	ND	5.0	1		Diisopropyl Ether (DIPE)	ND	10	1	
c-1,2-Dichloroethene	ND	5.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	10	1	
t-1,2-Dichloroethene	ND	5.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	10	1	
1,2-Dichloropropane	ND	5.0	1		Ethanol	ND	500	1	
1,3-Dichloropropane	ND	5.0	1		TPPH	ND	500	1	
2,2-Dichloropropane	ND	5.0	1		Gasoline Range Organics (C4-C12)	ND	500	1	
1,1-Dichloropropene	ND	5.0	1		Gasoline Range Organics (C6-C12)	ND	500	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	98	63-141		1,2-Dichloroethane-d4	88	62-146	
Toluene-d8	99	80-120		1,4-Bromofluorobenzene	92	60-132	
Toluene-d8-TPPH	99	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Wayne Perry, Inc.		Date Received:	09/25/12
8281 Commonwealth Avenue		Work Order No:	12-09-1559
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/kg

Project: 20001 Brookhurst St., Huntington Beach, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SP-2a	**12-09-1559-2-A**	**09/25/12 15:18**	**Solid**	**GC/MS W**	**09/25/12**	**09/26/12 19:26**	**120926L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	120	1		c-1,3-Dichloropropene	ND	5.0	1	
Benzene	ND	5.0	1		t-1,3-Dichloropropene	ND	5.0	1	
Bromobenzene	ND	5.0	1		Ethylbenzene	ND	5.0	1	
Bromochloromethane	ND	5.0	1		2-Hexanone	ND	50	1	
Bromodichloromethane	ND	5.0	1		Isopropylbenzene	ND	5.0	1	
Bromoform	ND	5.0	1		p-Isopropyltoluene	ND	5.0	1	
Bromomethane	ND	25	1		Methylene Chloride	ND	50	1	
2-Butanone	ND	50	1		4-Methyl-2-Pentanone	ND	50	1	
n-Butylbenzene	ND	5.0	1		Naphthalene	ND	50	1	
sec-Butylbenzene	ND	5.0	1		n-Propylbenzene	ND	5.0	1	
tert-Butylbenzene	ND	5.0	1		1,1,1,2-Tetrachloroethane	ND	5.0	1	
Carbon Disulfide	ND	50	1		1,1,2,2-Tetrachloroethane	ND	5.0	1	
Carbon Tetrachloride	ND	5.0	1		Tetrachloroethene	ND	5.0	1	
Chlorobenzene	ND	5.0	1		Toluene	ND	5.0	1	
Chloroethane	ND	5.0	1		1,2,3-Trichlorobenzene	ND	10	1	
Chloroform	ND	5.0	1		1,2,4-Trichlorobenzene	ND	5.0	1	
Chloromethane	ND	25	1		1,1,1-Trichloroethane	ND	5.0	1	
2-Chlorotoluene	ND	5.0	1		1,1,2-Trichloroethane	ND	5.0	1	
4-Chlorotoluene	ND	5.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	1	
Dibromochloromethane	ND	5.0	1		Trichloroethene	ND	5.0	1	
1,2-Dibromo-3-Chloropropane	ND	25	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dibromoethane	ND	5.0	1		1,2,4-Trimethylbenzene	ND	5.0	1	
Dibromomethane	ND	5.0	1		Trichlorofluoromethane	ND	50	1	
1,2-Dichlorobenzene	ND	5.0	1		1,3,5-Trimethylbenzene	ND	5.0	1	
1,3-Dichlorobenzene	ND	5.0	1		Vinyl Acetate	ND	50	1	
1,4-Dichlorobenzene	ND	5.0	1		Vinyl Chloride	ND	5.0	1	
Dichlorodifluoromethane	ND	5.0	1		Xylenes (total)	ND	5.0	1	
1,1-Dichloroethane	ND	5.0	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
1,2-Dichloroethane	ND	5.0	1		Tert-Butyl Alcohol (TBA)	ND	50	1	
1,1-Dichloroethene	ND	5.0	1		Diisopropyl Ether (DIPE)	ND	10	1	
c-1,2-Dichloroethene	ND	5.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	10	1	
t-1,2-Dichloroethene	ND	5.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	10	1	
1,2-Dichloropropane	ND	5.0	1		Ethanol	ND	500	1	
1,3-Dichloropropane	ND	5.0	1		TPPH	ND	500	1	
2,2-Dichloropropane	ND	5.0	1		Gasoline Range Organics (C4-C12)	ND	500	1	
1,1-Dichloropropene	ND	5.0	1		Gasoline Range Organics (C6-C12)	ND	500	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	96	63-141		1,2-Dichloroethane-d4	85	62-146	
Toluene-d8	98	80-120		1,4-Bromofluorobenzene	91	60-132	
Toluene-d8-TPPH	98	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.		Date Received:	09/25/12
8281 Commonwealth Avenue		Work Order No:	12-09-1559
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/kg

Project: 20001 Brookhurst St., Huntington Beach, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SP-2b	**12-09-1559-3-A**	**09/25/12 15:20**	**Solid**	**GC/MS W**	**09/25/12**	**09/26/12 16:28**	**120926L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	120	1		c-1,3-Dichloropropene	ND	5.0	1	
Benzene	ND	5.0	1		t-1,3-Dichloropropene	ND	5.0	1	
Bromobenzene	ND	5.0	1		Ethylbenzene	ND	5.0	1	
Bromochloromethane	ND	5.0	1		2-Hexanone	ND	50	1	
Bromodichloromethane	ND	5.0	1		Isopropylbenzene	ND	5.0	1	
Bromoform	ND	5.0	1		p-Isopropyltoluene	ND	5.0	1	
Bromomethane	ND	25	1		Methylene Chloride	ND	50	1	
2-Butanone	ND	50	1		4-Methyl-2-Pentanone	ND	50	1	
n-Butylbenzene	ND	5.0	1		Naphthalene	ND	50	1	
sec-Butylbenzene	ND	5.0	1		n-Propylbenzene	ND	5.0	1	
tert-Butylbenzene	ND	5.0	1		1,1,1,2-Tetrachloroethane	ND	5.0	1	
Carbon Disulfide	ND	50	1		1,1,2,2-Tetrachloroethane	ND	5.0	1	
Carbon Tetrachloride	ND	5.0	1		Tetrachloroethene	ND	5.0	1	
Chlorobenzene	ND	5.0	1		Toluene	ND	5.0	1	
Chloroethane	ND	5.0	1		1,2,3-Trichlorobenzene	ND	10	1	
Chloroform	ND	5.0	1		1,2,4-Trichlorobenzene	ND	5.0	1	
Chloromethane	ND	25	1		1,1,1-Trichloroethane	ND	5.0	1	
2-Chlorotoluene	ND	5.0	1		1,1,2-Trichloroethane	ND	5.0	1	
4-Chlorotoluene	ND	5.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	1	
Dibromochloromethane	ND	5.0	1		Trichloroethene	ND	5.0	1	
1,2-Dibromo-3-Chloropropane	ND	25	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dibromoethane	ND	5.0	1		1,2,4-Trimethylbenzene	ND	5.0	1	
Dibromomethane	ND	5.0	1		Trichlorofluoromethane	ND	50	1	
1,2-Dichlorobenzene	ND	5.0	1		1,3,5-Trimethylbenzene	ND	5.0	1	
1,3-Dichlorobenzene	ND	5.0	1		Vinyl Acetate	ND	50	1	
1,4-Dichlorobenzene	ND	5.0	1		Vinyl Chloride	ND	5.0	1	
Dichlorodifluoromethane	ND	5.0	1		Xylenes (total)	ND	5.0	1	
1,1-Dichloroethane	ND	5.0	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
1,2-Dichloroethane	ND	5.0	1		Tert-Butyl Alcohol (TBA)	ND	50	1	
1,1-Dichloroethene	ND	5.0	1		Diisopropyl Ether (DIPE)	ND	10	1	
c-1,2-Dichloroethene	ND	5.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	10	1	
t-1,2-Dichloroethene	ND	5.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	10	1	
1,2-Dichloropropane	ND	5.0	1		Ethanol	ND	500	1	
1,3-Dichloropropane	ND	5.0	1		TPPH	ND	500	1	
2,2-Dichloropropane	ND	5.0	1		Gasoline Range Organics (C4-C12)	ND	500	1	
1,1-Dichloropropene	ND	5.0	1		Gasoline Range Organics (C6-C12)	ND	500	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	96	63-141		1,2-Dichloroethane-d4	85	62-146	
Toluene-d8	100	80-120		1,4-Bromofluorobenzene	91	60-132	
Toluene-d8-TPPH	100	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.		Date Received:	09/25/12
8281 Commonwealth Avenue		Work Order No:	12-09-1559
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/kg

Project: 20001 Brookhurst St., Huntington Beach, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-798-1,513**	**N/A**	**Solid**	**GC/MS W**	**09/26/12**	**09/26/12 15:29**	**120926L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	120	1		c-1,3-Dichloropropene	ND	5.0	1	
Benzene	ND	5.0	1		t-1,3-Dichloropropene	ND	5.0	1	
Bromobenzene	ND	5.0	1		Ethylbenzene	ND	5.0	1	
Bromochloromethane	ND	5.0	1		2-Hexanone	ND	50	1	
Bromodichloromethane	ND	5.0	1		Isopropylbenzene	ND	5.0	1	
Bromoform	ND	5.0	1		p-Isopropyltoluene	ND	5.0	1	
Bromomethane	ND	25	1		Methylene Chloride	ND	50	1	
2-Butanone	ND	50	1		4-Methyl-2-Pentanone	ND	50	1	
n-Butylbenzene	ND	5.0	1		Naphthalene	ND	50	1	
sec-Butylbenzene	ND	5.0	1		n-Propylbenzene	ND	5.0	1	
tert-Butylbenzene	ND	5.0	1		1,1,1,2-Tetrachloroethane	ND	5.0	1	
Carbon Disulfide	ND	50	1		1,1,2,2-Tetrachloroethane	ND	5.0	1	
Carbon Tetrachloride	ND	5.0	1		Tetrachloroethene	ND	5.0	1	
Chlorobenzene	ND	5.0	1		Toluene	ND	5.0	1	
Chloroethane	ND	5.0	1		1,2,3-Trichlorobenzene	ND	10	1	
Chloroform	ND	5.0	1		1,2,4-Trichlorobenzene	ND	5.0	1	
Chloromethane	ND	25	1		1,1,1-Trichloroethane	ND	5.0	1	
2-Chlorotoluene	ND	5.0	1		1,1,2-Trichloroethane	ND	5.0	1	
4-Chlorotoluene	ND	5.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	1	
Dibromochloromethane	ND	5.0	1		Trichloroethene	ND	5.0	1	
1,2-Dibromo-3-Chloropropane	ND	25	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dibromoethane	ND	5.0	1		1,2,4-Trimethylbenzene	ND	5.0	1	
Dibromomethane	ND	5.0	1		Trichlorofluoromethane	ND	50	1	
1,2-Dichlorobenzene	ND	5.0	1		1,3,5-Trimethylbenzene	ND	5.0	1	
1,3-Dichlorobenzene	ND	5.0	1		Vinyl Acetate	ND	50	1	
1,4-Dichlorobenzene	ND	5.0	1		Vinyl Chloride	ND	5.0	1	
Dichlorodifluoromethane	ND	5.0	1		Xylenes (total)	ND	5.0	1	
1,1-Dichloroethane	ND	5.0	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
1,2-Dichloroethane	ND	5.0	1		Tert-Butyl Alcohol (TBA)	ND	50	1	
1,1-Dichloroethene	ND	5.0	1		Diisopropyl Ether (DIPE)	ND	10	1	
c-1,2-Dichloroethene	ND	5.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	10	1	
t-1,2-Dichloroethene	ND	5.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	10	1	
1,2-Dichloropropane	ND	5.0	1		Ethanol	ND	500	1	
1,3-Dichloropropane	ND	5.0	1		TPPH	ND	500	1	
2,2-Dichloropropane	ND	5.0	1		Gasoline Range Organics (C4-C12)	ND	500	1	
1,1-Dichloropropene	ND	5.0	1		Gasoline Range Organics (C6-C12)	ND	500	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	96	63-141		1,2-Dichloroethane-d4	86	62-146	
Toluene-d8	99	80-120		1,4-Bromofluorobenzene	90	60-132	
Toluene-d8-TPPH	98	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Return to Contents

Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received:	09/25/12
Work Order No:	12-09-1559
Preparation:	EPA 3050B / EPA 7471A Total
Method:	EPA 6010B / EPA 7471A
Units:	mg/kg

Project: 20001 Brookhurst St., Huntington Beach, CA

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
COMP (SP-1,2ab)	**12-09-1559-4-A**	**09/25/12 00:00**	**Solid**	**ICP 7300**	**09/25/12**	**09/25/12 20:04**	**120925L03**

Comment(s): -Mercury analysis was performed on 09/26/12 11:11 with batch 120925L01.

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.750	1		Mercury	ND	0.0835	1	
Arsenic	5.70	0.750	1		Molybdenum	0.551	0.250	1	
Barium	90.2	0.500	1		Nickel	12.7	0.250	1	
Beryllium	0.445	0.250	1		Selenium	ND	0.750	1	
Cadmium	0.604	0.500	1		Silver	ND	0.250	1	
Chromium	19.3	0.250	1		Thallium	ND	0.750	1	
Cobalt	10.5	0.250	1		Vanadium	34.9	0.250	1	
Copper	14.1	0.500	1		Zinc	60.6	1.00	1	
Lead	12.9	0.500	1						

Method Blank	**099-04-007-8,897**	**N/A**	**Solid**	**Mercury**	**09/25/12**	**09/25/12 17:37**	**120925L01**

Comment(s): -Preparation/analysis for Mercury was performed by EPA 7471A.

Parameter	Result	RL	DF	Qual
Mercury	ND	0.0835	1	

Method Blank	**097-01-002-16,218**	**N/A**	**Solid**	**ICP 7300**	**09/25/12**	**09/26/12 13:16**	**120925L03**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.750	1		Lead	ND	0.500	1	
Arsenic	ND	0.750	1		Molybdenum	ND	0.250	1	
Barium	ND	0.500	1		Nickel	ND	0.250	1	
Beryllium	ND	0.250	1		Selenium	ND	0.750	1	
Cadmium	ND	0.500	1		Silver	ND	0.250	1	
Chromium	ND	0.250	1		Thallium	ND	0.750	1	
Cobalt	ND	0.250	1		Vanadium	ND	0.250	1	
Copper	ND	0.500	1		Zinc	ND	1.00	1	

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RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Accredited in accordance with nelac

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received: 09/25/12
Work Order No: 12-09-1559
Preparation: EPA 3050B
Method: EPA 6010B

Project 20001 Brookhurst St., Huntington Beach, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
12-09-1278-9	Solid	ICP 7300	09/25/12	09/25/12	120925S03

Parameter	SAMPLE CONC	SPIKE ADDED	MS CONC	MS %REC	MSD CONC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Antimony	ND	25.00	5.895	24	9.420	38	50-115	46	0-20	3,4
Arsenic	3.193	25.00	29.32	105	30.80	110	75-125	5	0-20	
Barium	22.36	25.00	47.15	99	47.22	99	75-125	0	0-20	
Beryllium	ND	25.00	25.58	102	26.69	107	75-125	4	0-20	
Cadmium	ND	25.00	24.69	99	25.79	103	75-125	4	0-20	
Chromium	9.311	25.00	34.07	99	34.90	102	75-125	2	0-20	
Cobalt	4.197	25.00	29.64	102	30.52	105	75-125	3	0-20	
Copper	28.15	25.00	50.40	89	51.20	92	75-125	2	0-20	
Lead	1.423	25.00	26.21	99	27.42	104	75-125	5	0-20	
Molybdenum	1.215	25.00	24.84	94	26.04	99	75-125	5	0-20	
Nickel	5.895	25.00	31.34	102	32.17	105	75-125	3	0-20	
Selenium	ND	25.00	22.68	91	24.74	99	75-125	9	0-20	
Silver	ND	12.50	12.83	103	12.94	104	75-125	1	0-20	
Thallium	ND	25.00	24.61	98	25.66	103	75-125	4	0-20	
Vanadium	14.68	25.00	38.81	97	38.86	97	75-125	0	0-20	
Zinc	43.46	25.00	61.67	73	61.97	74	75-125	0	0-20	3

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RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - PDS / PDSD

ACCREDITED IN ACCORDANCE WITH nelac

Wayne Perry, Inc.		Date Received	09/25/12
8281 Commonwealth Avenue		Work Order No:	12-09-1559
Buena Park, CA 90621-2537		Preparation:	EPA 3050B
		Method:	EPA 6010B

Project: 20001 Brookhurst St., Huntington Beach, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	PDS / PDSD Batch Number
12-09-1278-9	Solid	ICP 7300	09/25/12	09/25/12	120925S03

Parameter	SAMPLE CONC	SPIKE ADDED	PDS CONC	PDS %REC	PDSD CONC	PDSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Antimony	ND	25.00	17.51	70	19.08	76	75-125	9	0-20	5
Arsenic	3.193	25.00	27.38	97	27.01	95	75-125	1	0-20	
Barium	22.36	25.00	47.27	100	47.19	99	75-125	0	0-20	
Beryllium	ND	25.00	25.25	101	24.87	99	75-125	2	0-20	
Cadmium	ND	25.00	24.43	98	24.06	96	75-125	2	0-20	
Chromium	9.311	25.00	34.22	100	33.97	99	75-125	1	0-20	
Cobalt	4.197	25.00	29.59	102	28.79	98	75-125	3	0-20	
Copper	28.15	25.00	51.40	93	50.75	90	75-125	1	0-20	
Lead	1.423	25.00	26.53	100	25.89	98	75-125	2	0-20	
Molybdenum	1.215	25.00	25.91	99	25.41	97	75-125	2	0-20	
Nickel	5.895	25.00	31.30	102	30.89	100	75-125	1	0-20	
Selenium	ND	25.00	23.30	93	22.70	91	75-125	3	0-20	
Silver	ND	12.50	11.82	95	11.68	93	75-125	1	0-20	
Thallium	ND	25.00	24.99	100	24.35	97	75-125	3	0-20	
Vanadium	14.68	25.00	38.80	96	38.45	95	75-125	1	0-20	
Zinc	43.46	25.00	63.41	80	62.71	77	75-125	1	0-20	

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RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received: 09/25/12
Work Order No: 12-09-1559
Preparation: EPA 7471A Total
Method: EPA 7471A

Project 20001 Brookhurst St., Huntington Beach, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
12-09-1484-2	**Solid**	**Mercury**	**09/25/12**	**09/25/12**	**120925S01**

Parameter	SAMPLE CONC	SPIKE ADDED	MS CONC	MS %REC	MSD CONC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Mercury	ND	0.8350	0.9229	111	0.9825	118	71-137	6	0-14	

RPD - Relative Percent Difference , CL - Control Limit

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Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Accredited in accordance with nelac

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received: 09/25/12
Work Order No: 12-09-1559
Preparation: EPA 5030C
Method: LUFT GC/MS / EPA 8260B

Project 20001 Brookhurst St., Huntington Beach, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
SP-2b	**Solid**	**GC/MS W**	**09/25/12**	**09/26/12**	**120926S01**

Parameter	SAMPLE CONC	SPIKE ADDED	MS CONC	MS %REC	MSD CONC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	ND	50.00	44.58	89	50.02	100	61-127	11	0-20	
Carbon Tetrachloride	ND	50.00	31.28	63	37.72	75	51-135	19	0-29	
Chlorobenzene	ND	50.00	43.35	87	47.37	95	57-123	9	0-20	
1,2-Dibromoethane	ND	50.00	47.65	95	47.24	94	64-124	1	0-20	
1,2-Dichlorobenzene	ND	50.00	44.22	88	44.25	89	35-131	0	0-25	
1,2-Dichloroethane	ND	50.00	42.42	85	43.68	87	80-120	3	0-20	
1,1-Dichloroethene	ND	50.00	32.36	65	37.04	74	47-143	13	0-25	
Ethylbenzene	ND	50.00	41.64	83	46.08	92	57-129	10	0-22	
Toluene	ND	50.00	43.99	88	48.11	96	63-123	9	0-20	
Trichloroethene	ND	50.00	43.09	86	47.33	95	44-158	9	0-20	
Vinyl Chloride	ND	50.00	31.63	63	37.95	76	49-139	18	0-47	
Xylenes (total)	ND	150.0	122.6	82	134.6	90	70-130	9	0-30	
Methyl-t-Butyl Ether (MTBE)	ND	50.00	36.12	72	37.06	74	57-123	3	0-21	
Tert-Butyl Alcohol (TBA)	ND	250.0	218.3	87	212.3	85	30-168	3	0-34	
Diisopropyl Ether (DIPE)	ND	50.00	41.92	84	44.74	89	57-129	7	0-20	
Ethyl-t-Butyl Ether (ETBE)	ND	50.00	38.17	76	40.52	81	55-127	6	0-20	
Tert-Amyl-Methyl Ether (TAME)	ND	50.00	39.19	78	40.82	82	58-124	4	0-20	
Ethanol	ND	500.0	506.3	101	467.4	93	17-167	8	0-47	

Return to Contents

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Accredited in accordance with nelac

Wayne Perry, Inc.	Date Received:	N/A
8281 Commonwealth Avenue	Work Order No:	12-09-1559
Buena Park, CA 90621-2537	Preparation:	EPA 3050B
	Method:	EPA 6010B

Project: 20001 Brookhurst St., Huntington Beach, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
097-01-002-16,218	Solid	ICP 7300	09/25/12	09/25/12	120925L03

Parameter	SPIKE ADDED	LCS CONC	LCS %REC	LCSD CONC	LCSD %REC	%REC CL	ME CL	RPD	RPD CL	Qualifiers
Antimony	25.00	23.27	93	23.81	95	80-120	73-127	2	0-20	
Arsenic	25.00	22.68	91	23.19	93	80-120	73-127	2	0-20	
Barium	25.00	26.95	108	26.94	108	80-120	73-127	0	0-20	
Beryllium	25.00	25.30	101	25.40	102	80-120	73-127	0	0-20	
Cadmium	25.00	26.44	106	26.53	106	80-120	73-127	0	0-20	
Chromium	25.00	25.73	103	25.54	102	80-120	73-127	1	0-20	
Cobalt	25.00	27.73	111	28.04	112	80-120	73-127	1	0-20	
Copper	25.00	27.25	109	27.42	110	80-120	73-127	1	0-20	
Lead	25.00	27.09	108	27.30	109	80-120	73-127	1	0-20	
Molybdenum	25.00	25.06	100	25.21	101	80-120	73-127	1	0-20	
Nickel	25.00	25.78	103	25.84	103	80-120	73-127	0	0-20	
Selenium	25.00	24.32	97	24.88	100	80-120	73-127	2	0-20	
Silver	12.50	12.45	100	12.41	99	80-120	73-127	0	0-20	
Thallium	25.00	27.71	111	27.84	111	80-120	73-127	0	0-20	
Vanadium	25.00	25.01	100	24.84	99	80-120	73-127	1	0-20	
Zinc	25.00	26.80	107	27.12	108	80-120	73-127	1	0-20	

Total number of LCS compounds : 16
Total number of ME compounds : 0
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

Return to Contents

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received:	N/A
Work Order No:	12-09-1559
Preparation:	EPA 7471A Total
Method:	EPA 7471A

Project: 20001 Brookhurst St., Huntington Beach, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-04-007-8,897	**Solid**	**Mercury**	**09/25/12**	**09/25/12**	**120925L01**

Parameter	SPIKE ADDED	LCS CONC	LCS %REC	LCSD CONC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Mercury	0.8350	0.9081	109	0.9070	109	85-121	0	0-10	

RPD - Relative Percent Difference , CL - Control Limit

7440 Lincoln Way, Garden Grove, CA 92841-1427 • TEL:(714) 895-5494 • FAX: (714) 894-7501

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Accredited in accordance with nelac

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received: N/A
Work Order No: 12-09-1559
Preparation: EPA 5030C
Method: LUFT GC/MS / EPA 8260B

Project: 20001 Brookhurst St., Huntington Beach, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-798-1,513	Solid	GC/MS W	09/26/12	09/26/12	120926L01

Parameter	SPIKE ADDED	LCS CONC	LCS %REC	LCSD CONC	LCSD %REC	%REC CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	50.00	53.63	107	53.49	107	78-120	71-127	0	0-20	
Carbon Tetrachloride	50.00	44.87	90	44.99	90	49-139	34-154	0	0-20	
Chlorobenzene	50.00	54.05	108	54.04	108	79-120	72-127	0	0-20	
1,2-Dibromoethane	50.00	52.05	104	52.51	105	80-120	73-127	1	0-20	
1,2-Dichlorobenzene	50.00	52.09	104	52.69	105	75-120	68-128	1	0-20	
1,2-Dichloroethane	50.00	48.70	97	48.10	96	80-120	73-127	1	0-20	
1,1-Dichloroethene	50.00	43.26	87	43.24	86	74-122	66-130	0	0-20	
Ethylbenzene	50.00	53.12	106	53.34	107	76-120	69-127	0	0-20	
Toluene	50.00	55.26	111	54.88	110	77-120	70-127	1	0-20	
Trichloroethene	50.00	53.03	106	52.60	105	80-120	73-127	1	0-20	
Vinyl Chloride	50.00	41.79	84	42.63	85	68-122	59-131	2	0-20	
Xylenes (total)	150.0	156.1	104	155.9	104	75-125	67-133	0	0-25	
Methyl-t-Butyl Ether (MTBE)	50.00	39.10	78	39.29	79	77-120	70-127	0	0-20	
Tert-Butyl Alcohol (TBA)	250.0	241.3	97	239.2	96	68-122	59-131	1	0-20	
Diisopropyl Ether (DIPE)	50.00	48.73	97	48.63	97	78-120	71-127	0	0-20	
Ethyl-t-Butyl Ether (ETBE)	50.00	43.14	86	42.83	86	78-120	71-127	1	0-20	
Tert-Amyl-Methyl Ether (TAME)	50.00	43.97	88	43.68	87	75-120	68-128	1	0-20	
Ethanol	500.0	612.3	122	561.0	112	56-140	42-154	9	0-20	
TPPH	1000	1007	101	974.1	97	65-135	53-147	3	0-30	

Total number of LCS compounds : 19
Total number of ME compounds : 0
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

Return to Contents

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 12-09-1559

Qualifier	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported without further clarification.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
ME	LCS/LCSD Recovery Percentage is within Marginal Exceedance (ME) Control Limit range.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.
MPN - Most Probable Number

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Calscience
Environmental Labs
7440 Lincoln Way
Garden Grove, Ca. 92841-1427
Tel. (714) 895-5494
Fax (714) 894-7501

WAYNE PERRY, INC Chain of Custody for Shell Oil Products

Please Check Appropriate Box:

- [x] ENV. SERVICES
- [ ] MOTIVA RETAIL
- [ ] SHELL RETAIL
- [ ] MOTIVA SD&CM
- [ ] CONSULTANT
- [ ] LUBES
- [ ] SHELL PIPELINE
- [ ] OTHER _____

Bill To:
Wayne Perry, Inc.
8281 Commonwealth Ave.
Buena Park, Ca 90621

DATE: 9/25/12
PAGE: 1 of 1

SAMPLING COMPANY: Wayne Perry, Inc.
LOG CODE:
SITE ADDRESS: Street and City: 20001 Brookhurst Huntington Beach
State: CA
Global I. D. Number:
ADDRESS: 8281 Commonwealth Ave., Buena Park, CA 90621
EDF DELIVERABLE TO: Shannon Jewell ~~Trudi Balsitis~~
PHONE NO.: 714-826-0352
E-MAIL: tbalsitis@wpinc.com
CONSULTANT PROJECT NO.: 11.236
PROJECT CONTACT (Hardcopy or PDF Report to): ~~Chris McDonald~~ Erica Rodriguez
TELEPHONE: 714-826-0352
FAX: 714-523-7880
E-MAIL: cmcdonald@wpinc.com
SAMPLER NAME(S) (Print): Lamar Kateb
WO NUMBER: 12-09-1559
TURNAROUND TIME (CALENDAR DAYS):
- [ ] STANDARD (14 DAY)
- [ ] 5 DAYS
- [ ] 3 DAYS
- [ ] 2 DAYS
- [x] 24 HOURS
- [ ] RESULTS NEEDED ON WEEKEND

- [ ] LA - RWQCB REPORT FORMAT

UST Agency:

SPECIAL INSTRUCTIONS OR NOTES:

- [x] SHELL CONTRACT RATE APPLIES
- [ ] STATE REIMBURSEMENT RATE APPLIES
- [ ] EDD NOT NEEDED
- [ ] RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	Fullscan 8260B	TBA, DIPE, ETBE, TAME, EDB, EDC	Container PID Readings or Laboratory Notes
1	SP-1	9/25/12	3:15p	S				X		1	X	X	
2	SP-2a	↓	3:18p	↓				X		↓	X	X	
3	SP-2b	↓	3:20p	↓				X		↓	X	X	

TEMPERATURE ON RECEIPT °C_____

Relinquished by: (Signature)	Date	Received by: (Signature)	Date	Time
[signature]	9/25/12	[signature]	9/25/12	16:38
Relinquished by: (Signature)		Received by: (Signature)		
Relinquished by: (Signature)		Received by: (Signature)		

05/2/06 Revision

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Calscience Environmental Laboratories, Inc.

WORK ORDER #: 12-09-1559

SAMPLE RECEIPT FORM

Cooler 0 of 0

CLIENT: WPI

DATE: 09/25/12

TEMPERATURE: Thermometer ID: SC2 (Criteria: 0.0 °C – 6.0 °C, not frozen)

Temperature 3.8 °C - 0.3 °C (CF) = 3.5 °C ☐ Blank ☑ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____).

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ Received at ambient temperature, placed on ice for transport by Courier.

Ambient Temperature: ☐ Air ☐ Filter Initial: KL

CUSTODY SEALS INTACT:

☐ Cooler ☐_____ ☐ No (Not Intact) ☐ Not Present ☑ N/A Initial: KL

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present Initial: TS

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Collection date/time, matrix, and/or # of containers logged in based on sample labels.			
☐ No analysis requested. ☐ Not relinquished. ☐ No date/time relinquished.			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and good condition	☑	☐	☐
Proper containers and sufficient volume for analyses requested	☑	☐	☐
Analyses received within holding time	☑	☐	☐
pH / Res. Chlorine / Diss. Sulfide / Diss. Oxygen received within 24 hours	☐	☐	☑
Proper preservation noted on COC or sample container	☑	☐	☐
☐ Unpreserved vials received for Volatiles analysis			
Volatile analysis container(s) free of headspace	☑	☐	☐
Tedlar bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE:

Solid: ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☑Sleeve (S) ☐EnCores® ☐TerraCores® ☐_____

Water: ☐VOA ☐VOAh ☐VOAna_2 ☐125AGB ☐125AGBh ☐125AGBp ☐1AGB ☐1AGBna_2 ☐1AGBs ☐500AGB ☐500AGJ ☐500AGJs ☐250AGB ☐250CGB ☐250CGBs ☐1PB ☐1PBna ☐500PB ☐250PB ☐250PBn ☐125PB ☐125PBznna ☐100PJ ☐100PJna_2 ☐_____ ☐_____ ☐_____

Air: ☐Tedlar® ☐Summa® **Other:** ☐_____ **Trip Blank Lot#:**_____ **Labeled/Checked by:** TS

Container: C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag E: Envelope **Reviewed by:** KL

Preservative: h: HCL n: HNO_3 na_2: $Na_2S_2O_3$ na: NaOH p: H_3PO_4 s: H_2SO_4 u: Ultra-pure znna: $ZnAc_2$+NaOH f: Filtered **Scanned by:** KL

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STATE WATER RESOURCES CONTROL BOARD
GEOTRACKER

SHELL OIL (T0605900535) - (MAP)

20001 BROOKHURST
HUNTINGTON BEACH, CA 92646
ORANGE COUNTY
LUST CLEANUP SITE

CLEANUP OVERSIGHT AGENCIES
ORANGE COUNTY LOP *(LEAD) - CASE #: 89UT167*
CASEWORKER: *TAMARA ESCOBEDO*
SANTA ANA RWQCB (REGION 8) *- CASE #: 083000676T*
CASEWORKER: *CARL BERNHARDT*

CUF Claim #:	4594
CUF Priority Assigned:	D
CUF Amount Paid:	$1,468,093

Regulatory Profile

PRINTABLE CASE SUMMARY

CLEANUP STATUS - DEFINITIONS
OPEN - ASSESSMENT & INTERIM REMEDIAL ACTION AS OF 1/12/2012 - CLEANUP STATUS HISTORY

POTENTIAL CONTAMINANTS OF CONCERN
GASOLINE

POTENTIAL MEDIA AFFECTED
AQUIFER USED FOR DRINKING WATER SUPPLY

FILE LOCATION
LOCAL AGENCY

BENEFICIAL USE
GW - MUNICIPAL AND DOMESTIC SUPPLY

GROUNDWATER MONITORING FREQUENCY
OF WELLS MONITORED - QUARTERLY : 11, SEMI-ANNUALLY : 4

REASONS FOR QUARTERLY OR MONTHLY OR OTHER GROUNDWATER MONITORING:
- Assessment Incomplete

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.

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0.1289063 seconds

WAYNE PERRY, INC.

Environmental Remediation, Construction and Consulting

November 30, 2012

Orange County Health Care Agency
Environmental Health Division
Hazardous Materials Management Section
1241 East Dyer Road, Suite 120
Santa Ana, California 92705-5611

Attention: Ms. Tamara Escobedo

SUBJECT: UNDERGROUND STORAGE TANK REMOVAL & SOIL SAMPLING REPORT
SHELL-BRANDED SERVICE STATION
20001 BROOKHURST STREET (at Adams Avenue)
HUNTINGTON BEACH, CALIFORNIA
AGENCY FILE: 89UT167
SAP CODE: 135372
WPI No. 11.236

Dear Ms. Escobedo:

On behalf of Equilon Enterprises LLC dba Shell Oil Products US (Shell), Wayne Perry, Inc. is submitting this "*Underground Storage Tank Removal and Soil Sampling Report*" prepared by URS Corp. for the above referenced site. If you have any questions, please call Ms. Erica Rodriguez of WPI at (714) 826-0352 or Ms. Andrea Wing of Shell at (714) 731-1050.

Respectfully submitted
Wayne Perry, Inc.

Kristine Dyck

Kristine Dyck
Project Scientist

cc: Ms. Andrea Wing, Shell Oil Products US
Adhurst LLC
Mr. Andrew Brack, Frontier (electronic)
Mr. Joe Morelli, Huntington Beach Fire Department (electronic)

1433 North 3rd Avenue Phoenix, Arizona 85003 Phone (602) 254-1801 Fax (602) 254-1831

UNDERGROUND STORAGE TANK REMOVAL AND SOIL SAMPLING REPORT
FORMER SHELL SERVICE STATION
20001 BROOKHURST STREET
HUNTINGTON BEACH, CALIFORNIA

URS Corporation has prepared this Underground Storage Tank (UST) Removal and Soil Sampling Report for the former Shell Service Station (Site) located at 20001 Brookhurst Street, Huntington Beach, California.

The report summarizes observations made and soil sampling activities performed during removal of three 12,000-gallon double-walled fiberglass USTs formerly containing gasoline, one 550-gallon single-walled fiberglass UST formerly containing waste oil, four product dispensers, associated product piping, and four hoists at the Site.

This report was prepared in a manner consistent with the level of care and skill ordinarily exercised by professional engineers, geologists, and environmental scientists. This report was prepared under the technical direction of the undersigned.

URS

Andrew Ewing
Sr. Environmental Engineer

Jennifer Nobui P.G.
Senior Geologist

PROFESSIONAL GEOLOGIST
Name Jennifer Suzanne Nobui
No. 8200
Exp. 3/31/14
STATE OF CALIFORNIA

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INTRODUCTION

URS Corporation (URS) was contracted by Equilon Enterprises LLC dba as Shell Oil Products US (SHELL) to observe underground storage tank (UST) removal activities and perform soil sampling at the former Shell-branded Service station located at 20001 Brookhurst Street, Huntington Beach, California.

The scope of work included:

- Observing the removal of USTs from the excavations.
- Collection of soil samples for laboratory analysis from beneath the removed USTs, product piping, fuel dispensers, hoists, and from stockpiles of excavated material under the direction of a representative from the Orange County Health Care Agency (OCHCA).
- Preparation of a report documenting the field activities and results of the soil sampling to the Client.

The purpose of the soil sampling activities was to determine the presence or absence of petroleum hydrocarbons in soil beneath the former gasoline and waste oil USTs, fuel dispensers, product piping, and hoists.

Soil sampling was done to duplicate the soil sampling performed by lead environmental consultant, Partner Engineering & Science Inc. (Partner). Partner was contracted by Frontier Real Estate Investment Inc. and Adhurst LLC to perform environmental oversight during site redevelopment on behalf of the property owner.

SITE DESCRIPTION

The Site is located at the southwest corner of the intersection Brookhurst Street and Adams Avenue in Huntington Beach, California (Figure 1). The Site was formerly a Shell-branded gasoline station. The former station fueling system included three 12,000-gallon double–walled fiberglass USTs containing gasoline, one 550-gallon single-walled fiberglass UST containing used oil and four dispenser islands. The station building included three automotive service bays. The surrounding land use is commercial. Neighboring businesses at the intersection include banks to the north, south, and east, and a parking lot to the west. A Starbucks coffee shop is located to the northeast.

GEOLOGIC AND HYDROGEOLOGIC SETTING

The Site lies within the Orange County Coastal Plain in an area known as the Talbert Gap, which is a 2.5-mile wide lowland area between Newport Mesa and Huntington Beach Mesa (OCWD, 1982).

The Site is situated at an elevation of approximately 15 feet above mean sea level and underlain by Holocene alluvial sediments. Based on data from previous assessments, the alluvium consists of sandy silt from 0 to 10 feet below ground surface (feet bgs); medium to coarse grained silty sand from 10 to 16 feet bgs; silty clay from 16 to 19 feet bgs; fine-grained silty sand from 19 to 24 feet bgs; sandy silt from 24 to 31 feet bgs; and fine-grained silty sand from 31 to 43 feet bgs.

Hydrogeologically, the Site is located within the Santa Ana Pressure Area of the Lower Santa Ana Watershed, approximately two miles south of the Talbert Water Injection Barrier. Historically, depth to first groundwater beneath the Site has ranged from approximately 4 to 14 feet bgs. Groundwater flow beneath the Site trends towards the south and southeast.

UST REMOVAL ACTIVITIES

Wayne Perry Incorporated (WPI) was contracted by Frontier to obtain necessary permits, make the required notifications, clean, remove, and transport from the Site three 12,000-gallon double-walled fiberglass USTs, one 550- gallon single-walled fiberglass UST, four dispenser islands, associated product piping and four mechanical hoists.

On September 10, 2012, a representative from URS, a representative from Partner, and the OCHCA representative Tamara Escobedo were present during UST removal activities to collect soil samples from beneath the gasoline USTs, waste oil UST, dispensers, product piping, and mechanical hoists. URS was onsite as an observer only, and collected duplicate soil samples.

The gasoline and waste-oil USTs were removed under the supervision of a representative from the Huntington Beach Fire Department. Upon removal from the excavations, the USTs were visually inspected and appeared to be in good condition. Furthermore, no sign of leaks from the USTs were observed in the excavations. Transportation and disposal of the USTs, dispensers, product piping, and hoists was documented by WPI on behalf of the property owner.

The USTs were transported for certified destruction at the Azusa Land Reclamation located in Azusa, California. Rinseate waste was transported to DeMenno/Kerdoon in Compton, California.

SOIL SAMPLING PROCEDURES

Soil samples from the UST excavations were collected from the sidewalls of the excavations because of the presence of groundwater. The soil samples from the gasoline UST excavation were collected from the north sidewall of the excavation. The soil samples from the waste oil UST excavation were collected from the north and south sidewalls. The soil samples were collected just above the interface with groundwater (approximately 12 feet bgs). The soil samples collected from below the dispenser and product pipeline joint/bend locations were generally collected at a depth of approximately three to four feet bgs.

The soil samples were collected into 8 ounce glass jars. Once collected, each sample jar was labeled with the following information: sample identification number, date and time of sample collection, and sampler's initials. The soil samples were stored in a chilled cooler before being transported to an off-site laboratory.

A total of 21 soil samples were collected for analysis. The soil samples were submitted to Calscience Laboratories of Garden Grove, California (Calscience). Calscience is accredited by the State of California Department of Health Services Environmental Accreditation Program.

Chain-of-custody documentation was maintained for all soil samples collected and accompanied the samples to the laboratory.

LABORATORY ANALYSES

The soil samples collected from below the locations of the gasoline USTs, dispensers, product line joints/bends, and from the stockpile of soil removed from excavation of the gasoline USTs were analyzed for the following:

- Total Petroleum Hydrocarbons as gasoline (TPH-g) by EPA Method 8015M.
- Volatile Organic Compounds (VOCs) by EPA Method 8260B.

The soil samples from the locations of the waste oil UST and the hoists were analyzed for the following:

- Total Petroleum Hydrocarbons as gasoline (TPH-g) and Total Petroleum Hydrocarbons as Diesel (TPH-d) by EPA Method 8015M.

- Volatile Organic Compounds (VOCs) by EPA Method 8260B.
- Total Recoverable Petroleum Hydrocarbons (TRPH) by EPA Method 418.1.

LABORATORY ANALYTICAL RESULTS

The complete analytical reports for the soil sampling are provided in Appendix A and a summary of the soil sample results is attached to this report as Table 1. The results of the soil sampling indicated the following:

- TPH-g was detected in four samples collected. The maximum concentration of 1,800 milligrams per kilogram (mg/kg) was reported in dispenser sample D2-d3.
- Total Xylenes were detected in two soil samples. The maximum concentration of 12,000 micrograms per kilogram µg/kg was reported in dispenser sample D2-d3.
- TRPH was detected in the two samples collected from the waste oil UST excavation and in the four samples collected from below the hoists. The maximum concentration of 68 µg/kg was reported in the sample collected from the north sidewall of the waste oil UST (WO-SW-N).
- TPH-d was detected in one sample (WO-SW-N). The detected concentration was 16 mg/kg.
- N-butlybenzene, 1,2,4 Trimethylbenzene, and 1,3,5 Trimethylbenzene were detected in three samples collected. The maximum detected concentrations of 10,000 µg/kg, 71,000 µg/kg, and 23,000 µg/kg, respectively were reported in dispenser sample D2-d3.
- N-propylbenzene was detected in dispenser sample D2-d3 only. The detected concentration was 3,100 µg/kg.
- Concentrations of other VOCs were not reported.

LIMITATIONS

This work was performed in a professional manner with the best interests of its clients in mind. URS's goal is to perform its work with care; exercising the customary thoroughness and competence of consulting professional services at the time and location those services are rendered. It is important to recognize that even the most comprehensive scope of services may fail to detect environmental liability on a particular site.

Therefore, URS cannot act as insurers and cannot certify that a site is free of environmental contamination, and no express or implied representation or warranty is included or intended in its reports except that its work was performed within the limits prescribed by its clients, and with the customary thoroughness and competence of its profession.

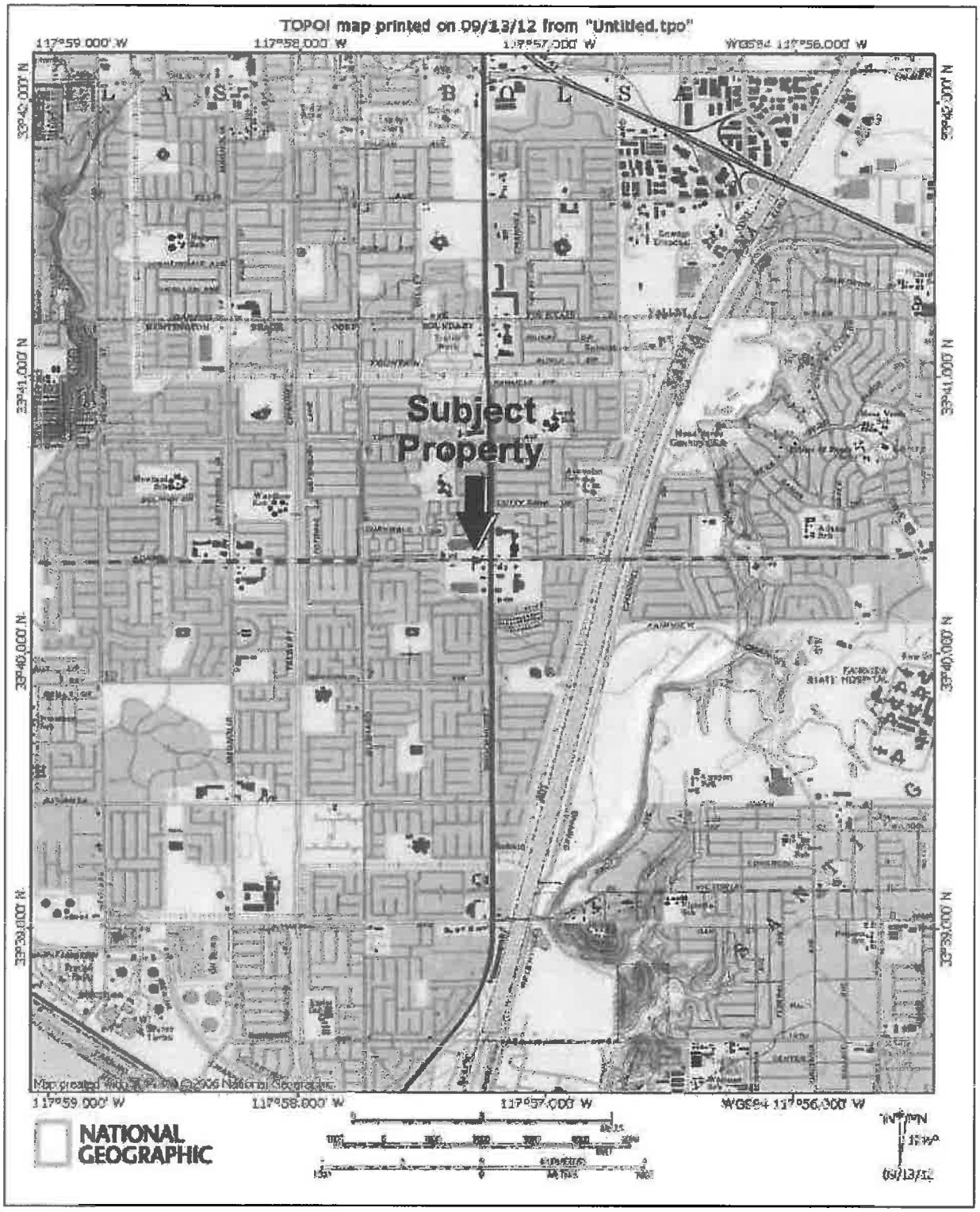
TABLE

TABLE 1
SOIL ANALYTICAL DATA
Shell-Branded Service Station
20001 Brookhurst Street, Huntington Beach

Sample ID and Depth feet	Date	TPH-G (mg/kg)	TPPH / GRO (µg/kg)	TRPH (µg/kg)	Benzene (µg/kg)	Toluene (µg/kg)	Ethyl-benzene (µg/kg)	Total Xylenes (µg/kg)	MTBE 8260 (µg/kg)	TBA 8260 (µg/kg)	DIPE 8260 (µg/kg)	ETBE 8260 (µg/kg)	TAME 8260 (µg/kg)	Ethanol 8260 (µg/kg)	Primary Soil Type USCS
D4-d3	9/10/2012	**0.61**	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10		
D3-d3	9/10/2012	ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10		
D1-d3	9/10/2012	**820**	-	-	ND<1000	ND<1000	ND<1000	**2300**	ND<1000	ND<10000	ND<2000	ND<2000	ND<2000		
D2-d3	9/10/2012	**1800**	-	-	ND<2500	ND<2500	ND<2500	**12000**	ND<2500	ND<25000	ND<5000	ND<5000	ND<5000		
PL-1-d3	9/10/2012	**3.2**	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10		
PL-3-d3	9/10/2012	ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10		
PL-5-d3	9/10/2012	ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10		
PL 4-d3	9/10/2012	ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10		
PL 2-d3	9/10/2012	ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10		
PL-6-d3	9/10/2012	ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10		
T1-SWN	9/10/2012	ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10		
T2-SWN	9/10/2012	ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10		
T3-SWN	9/10/2012	ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10		
SP-1	9/10/2012	ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10		
SP-2	9/10/2012	ND<0.50	-	-	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10		
WO-SW-N	9/10/2012	ND<0.50	-	68	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10		
WO-SW-S	9/10/2012	ND<0.50	-	20	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10		
H1-d10	9/10/2012	ND<0.50	-	11	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10		
H2-d10	9/10/2012	ND<0.50	-	61	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10		
H3-d8	9/10/2012	ND<0.50	-	31	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10		
H4-d8	9/10/2012	ND<0.50	-	18	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10		

Notes:
1. ND - Not detected
2. TBA - Tertiary-butyl alcohol
3. DIPE - Diisopropyl ether
4. ETBE - Ethyl tertiary-butyl ether
5. TAME - Tertiary-amyl methyl ether
6. MTBE - Methyl tertiary-butyl ether
7. TPPH - Total Petroleums as Hydrocarbons
8. GRO - Gasoline Range Organics (C4-C12)
9. TRPH - Total Recoverable Petroleum Hydrocarbons

FIGURES

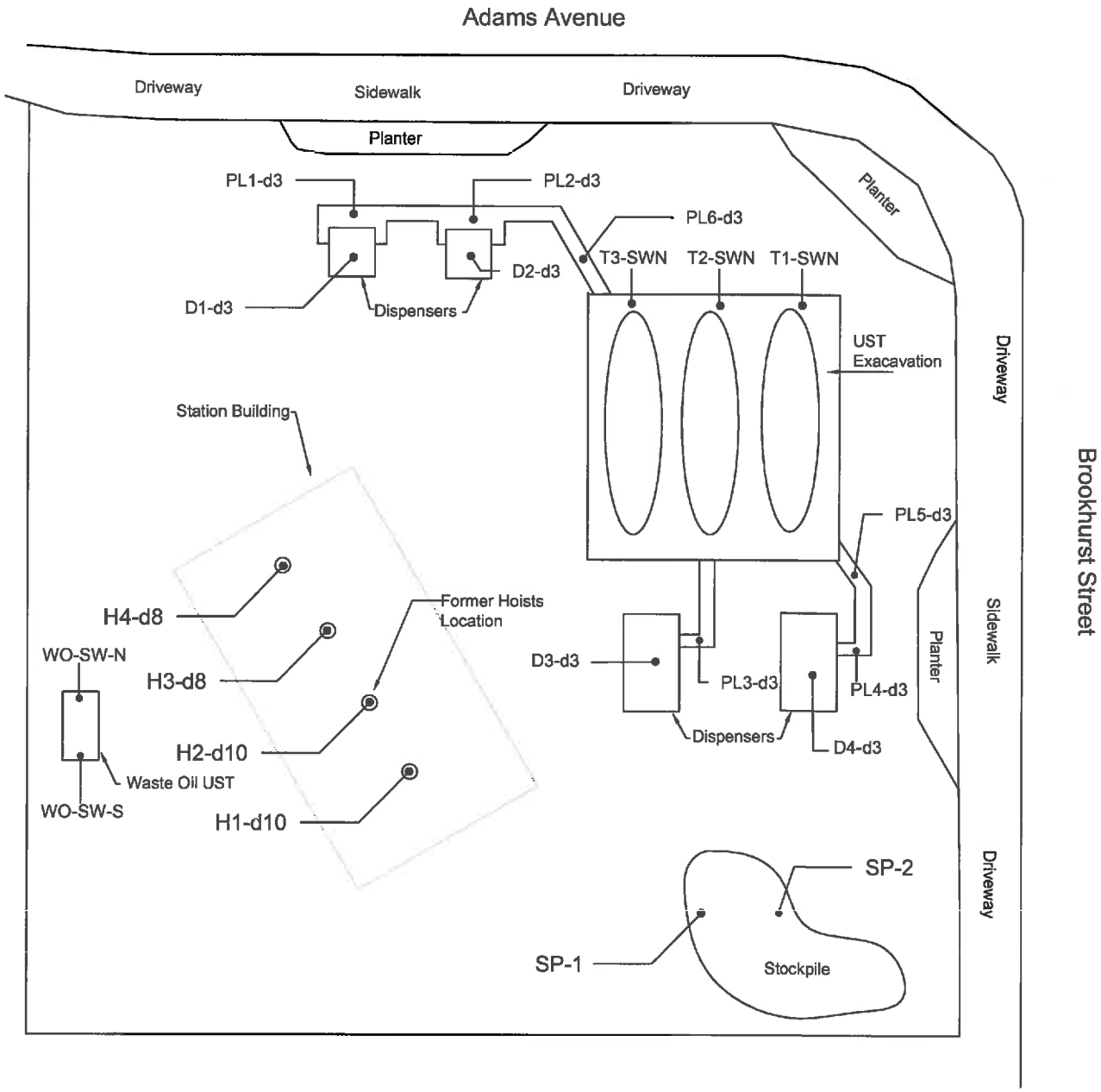


URS

SITE LOCATION MAP

Proj. No.:	29500515	Date:	NOVEMBER 2012
Address:	2001 Brookhurst St. Huntington Beach, CA	Figure:	1

C:\Users\Anastasia_DeSantis\Desktop\Fig 1 Site Location Map.dwg , File date: 11/6/2012 1:17 PM , Print date: 11/8/2012 1:27 PM by: Anastasia DeSantis



EXPLANATION

D2-d3 — Approximate sample location and sample ID

N

0 8 16

SCALE IN FEET

URS

SITE MAP WITH SAMPLE LOCATIONS

Proj. No.: 29500515	Date: November 2012
Project: Shell	Figure: 2
Address: 20001 Brookhurst St. Huntington Beach, CA	

APPENDIX A

Calscience Environmental Laboratories, Inc.

CALSCIENCE

WORK ORDER NUMBER: 12-09-0489

The difference is service

AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: Wayne Perry, Inc.

Client Project Name: 20001 Brookhurst, Huntington Beach, CA

Attention: Erica Rodriguez
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Approved for release on 09/11/2012 by:
Xuan Dang
Project Manager

ResultLink ▸

Email your PM ▸

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NELAP ID: 03220CA | DoD-ELAP ID: L10-41 | CSDLAC ID: 10109 | SCAQMD ID: 93LA0830

Calscience Environmental Laboratories, Inc.

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Work Order Number: 12-09-0489

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Calscience Environmental Laboratories, Inc.

ACCREDITED IN ACCORDANCE WITH nelac

Client:	Wayne Perry, Inc. 8281 Commonwealth Avenue Buena Park, CA 90621-2537	Work Order:	12-09-0489
		Project name:	20001 Brookhurst, Huntington Beach, CA
		Received:	09/10/12 16:13
Attn:	Erica Rodriguez		

DETECTIONS SUMMARY

Client Sample ID Analyte	Result	Qualifiers	Reporting Limit	Units	Method	Extraction
D4-d3 (12-09-0489-1)						
TPH as Gasoline	**0.61**	HD	0.50	mg/kg	EPA 8015B (M)	EPA 5030C
D1-d3 (12-09-0489-3)						
TPH as Gasoline	**820**	HD	50	mg/kg	EPA 8015B (M)	EPA 5030C
n-Butylbenzene	**3800**		1000	ug/kg	EPA 8260B	EPA 5030C
1,2,4-Trimethylbenzene	**17000**		1000	ug/kg	EPA 8260B	EPA 5030C
1,3,5-Trimethylbenzene	**5400**		1000	ug/kg	EPA 8260B	EPA 5030C
Xylenes (total)	**2300**		1000	ug/kg	EPA 8260B	EPA 5030C
D2-d3 (12-09-0489-4)						
TPH as Gasoline	**1800**	HD	100	mg/kg	EPA 8015B (M)	EPA 5030C
n-Butylbenzene	**10000**		2500	ug/kg	EPA 8260B	EPA 5030C
n-Propylbenzene	**3100**		2500	ug/kg	EPA 8260B	EPA 5030C
1,2,4-Trimethylbenzene	**71000**		2500	ug/kg	EPA 8260B	EPA 5030C
1,3,5-Trimethylbenzene	**23000**		2500	ug/kg	EPA 8260B	EPA 5030C
Xylenes (total)	**12000**		2500	ug/kg	EPA 8260B	EPA 5030C
PL-1-d3 (12-09-0489-5)						
TPH as Gasoline	**3.2**	HD	0.50	mg/kg	EPA 8015B (M)	EPA 5030C
n-Butylbenzene	**23**		5.0	ug/kg	EPA 8260B	EPA 5030C
1,2,4-Trimethylbenzene	**89**		5.0	ug/kg	EPA 8260B	EPA 5030C
1,3,5-Trimethylbenzene	**29**		5.0	ug/kg	EPA 8260B	EPA 5030C
WO-SW-N (12-09-0489-16)						
TRPH	**68**		10	mg/kg	EPA 418.1M	Extraction
Diesel Range Organics	**16**	HD	5.0	mg/kg	EPA 8015B	EPA 3550B
WO-SW-S (12-09-0489-17)						
TRPH	**20**		10	mg/kg	EPA 418.1M	Extraction
H1-d10 (12-09-0489-18)						
TRPH	**11**		10	mg/kg	EPA 418.1M	Extraction
H2-d10 (12-09-0489-19)						
TRPH	**61**		10	mg/kg	EPA 418.1M	Extraction

*MDL is shown.

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Calscience Environmental Laboratories, Inc.

ACCREDITED IN ACCORDANCE WITH nelac

Client:	Wayne Perry, Inc. 8281 Commonwealth Avenue Buena Park, CA 90621-2537	Work Order:	12-09-0489
		Project name:	20001 Brookhurst, Huntington Beach, CA
		Received:	09/10/12 16:13
Attn:	Erica Rodriguez		

DETECTIONS SUMMARY

Client Sample ID Analyte	Result	Qualifiers	Reporting Limit	Units	Method	Extraction
H3-d8 (12-09-0489-20)						
TRPH	**31**		10	mg/kg	EPA 418.1M	Extraction
H4-d8 (12-09-0489-21)						
TRPH	**18**		10	mg/kg	EPA 418.1M	Extraction

Subcontracted analyses, if any, are not included in this summary.

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*MDL is shown.

Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.		Date Received:	09/10/12
8281 Commonwealth Avenue		Work Order No:	12-09-0489
Buena Park, CA 90621-2537		Preparation:	Extraction
		Method:	EPA 418.1M

Project: 20001 Brookhurst, Huntington Beach, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
WO-SW-N	12-09-0489-16-A	09/10/12 12:05	Solid	IR 2	09/11/12	09/11/12 12:10	120911L02

Parameter	Result	RL	DF	Qual	Units
TRPH	68	10	1		mg/kg

WO-SW-S	12-09-0489-17-A	09/10/12 12:10	Solid	IR 2	09/11/12	09/11/12 12:10	120911L02

Parameter	Result	RL	DF	Qual	Units
TRPH	20	10	1		mg/kg

H1-d10	12-09-0489-18-A	09/10/12 13:15	Solid	IR 2	09/11/12	09/11/12 12:10	120911L02

Parameter	Result	RL	DF	Qual	Units
TRPH	11	10	1		mg/kg

H2-d10	12-09-0489-19-A	09/10/12 13:23	Solid	IR 2	09/11/12	09/11/12 12:10	120911L02

Parameter	Result	RL	DF	Qual	Units
TRPH	61	10	1		mg/kg

H3-d8	12-09-0489-20-A	09/10/12 13:34	Solid	IR 2	09/11/12	09/11/12 12:10	120911L02

Parameter	Result	RL	DF	Qual	Units
TRPH	31	10	1		mg/kg

H4-d8	12-09-0489-21-A	09/10/12 13:40	Solid	IR 2	09/11/12	09/11/12 12:10	120911L02

Parameter	Result	RL	DF	Qual	Units
TRPH	18	10	1		mg/kg

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RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.		Date Received:	09/10/12
8281 Commonwealth Avenue		Work Order No:	12-09-0489
Buena Park, CA 90621-2537		Preparation:	Extraction
		Method:	EPA 418.1M

Project: 20001 Brookhurst, Huntington Beach, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-07-015-1,875**	**N/A**	**Solid**	**IR 2**	**09/11/12**	**09/11/12 12:10**	**120911L02**

Parameter	Result	RL	DF	Qual	Units
TRPH	ND	10	1		mg/kg

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RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

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Wayne Perry, Inc.		Date Received:	09/10/12
8281 Commonwealth Avenue		Work Order No:	12-09-0489
Buena Park, CA 90621-2537		Preparation:	EPA 3550B
		Method:	EPA 8015B

Project: 20001 Brookhurst, Huntington Beach, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
WO-SW-N	**12-09-0489-16-A**	**09/10/12 12:05**	**Solid**	**GC 46**	**09/10/12**	**09/11/12 11:25**	**120910B10**

Parameter	Result	RL	DF	Qual	Units
Diesel Range Organics	16	5.0	1	HD	mg/kg

Surrogates:	REC (%)	Control Limits	Qual
n-Octacosane	129	61-145	

WO-SW-S	**12-09-0489-17-A**	**09/10/12 12:10**	**Solid**	**GC 46**	**09/10/12**	**09/10/12 21:43**	**120910B10**

Parameter	Result	RL	DF	Qual	Units
Diesel Range Organics	ND	5.0	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
n-Octacosane	121	61-145	

H1-d10	**12-09-0489-18-A**	**09/10/12 13:15**	**Solid**	**GC 46**	**09/10/12**	**09/10/12 21:58**	**120910B10**

Parameter	Result	RL	DF	Qual	Units
Diesel Range Organics	ND	5.0	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
n-Octacosane	119	61-145	

H2-d10	**12-09-0489-19-A**	**09/10/12 13:23**	**Solid**	**GC 46**	**09/10/12**	**09/10/12 22:13**	**120910B10**

Parameter	Result	RL	DF	Qual	Units
Diesel Range Organics	ND	5.0	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
n-Octacosane	129	61-145	

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RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

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Wayne Perry, Inc.		Date Received:	09/10/12
8281 Commonwealth Avenue		Work Order No:	12-09-0489
Buena Park, CA 90621-2537		Preparation:	EPA 3550B
		Method:	EPA 8015B

Project: 20001 Brookhurst, Huntington Beach, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
H3-d8	**12-09-0489-20-A**	**09/10/12 13:34**	**Solid**	**GC 46**	**09/10/12**	**09/10/12 22:28**	**120910B10**

Parameter	Result	RL	DF	Qual	Units
Diesel Range Organics	ND	5.0	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
n-Octacosane	115	61-145	

H4-d8	**12-09-0489-21-A**	**09/10/12 13:40**	**Solid**	**GC 46**	**09/10/12**	**09/10/12 22:44**	**120910B10**

Parameter	Result	RL	DF	Qual	Units
Diesel Range Organics	ND	5.0	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
n-Octacosane	126	61-145	

Method Blank	**099-15-414-57**	**N/A**	**Solid**	**GC 46**	**09/10/12**	**09/10/12 19:12**	**120910B10**

Parameter	Result	RL	DF	Qual	Units
Diesel Range Organics	ND	5.0	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
n-Octacosane	111	61-145	

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RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Analytical Report

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Wayne Perry, Inc.		Date Received:	09/10/12
8281 Commonwealth Avenue		Work Order No:	12-09-0489
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	EPA 8015B (M)

Project: 20001 Brookhurst, Huntington Beach, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
D4-d3	12-09-0489-1-A	09/10/12 11:10	Solid	GC 22	09/10/12	09/11/12 03:25	120910B01

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	0.61	0.50	1	HD	mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene - FID	89	42-126	

D3-d3	12-09-0489-2-A	09/10/12 11:03	Solid	GC 22	09/10/12	09/11/12 03:58	120910B01

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0.50	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene - FID	93	42-126	

D1-d3	12-09-0489-3-A	09/10/12 10:36	Solid	GC 25	09/10/12	09/11/12 13:23	120910B03

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	820	50	100	HD	mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene - FID	109	42-126	

D2-d3	12-09-0489-4-A	09/10/12 10:51	Solid	GC 25	09/10/12	09/11/12 14:00	120910B03

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	1800	100	200	HD	mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene - FID	121	42-126	

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RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.		Date Received:	09/10/12
8281 Commonwealth Avenue		Work Order No:	12-09-0489
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	EPA 8015B (M)

Project: 20001 Brookhurst, Huntington Beach, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PL-1-d3	12-09-0489-5-A	09/10/12 10:43	Solid	GC 22	09/10/12	09/11/12 04:30	120910B01

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	3.2	0.50	1	HD	mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene - FID	91	42-126	

PL-3-d3	12-09-0489-6-A	09/10/12 11:08	Solid	GC 22	09/10/12	09/11/12 05:03	120910B01

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0.50	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene - FID	87	42-126	

PL-5-d3	12-09-0489-7-A	09/10/12 11:30	Solid	GC 25	09/10/12	09/11/12 03:48	120910B02

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0.50	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene - FID	73	42-126	

PL 4-d3	12-09-0489-8-A	09/10/12 11:23	Solid	GC 22	09/10/12	09/11/12 05:35	120910B01

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0.50	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene - FID	88	42-126	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Analytical Report

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Wayne Perry, Inc.		Date Received:	09/10/12
8281 Commonwealth Avenue		Work Order No:	12-09-0489
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	EPA 8015B (M)

Project: 20001 Brookhurst, Huntington Beach, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PL 2-d3	**12-09-0489-9-A**	**09/10/12 10:53**	**Solid**	**GC 22**	**09/10/12**	**09/11/12 06:08**	**120910B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0.50	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene - FID	95	42-126	

PL-6-d3	**12-09-0489-10-A**	**09/10/12 13:05**	**Solid**	**GC 25**	**09/10/12**	**09/11/12 05:30**	**120910B02**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0.50	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene - FID	69	42-126	

T1-SWN	**12-09-0489-11-A**	**09/10/12 12:38**	**Solid**	**GC 25**	**09/10/12**	**09/11/12 06:04**	**120910B02**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0.50	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene - FID	70	42-126	

T2-SWN	**12-09-0489-12-A**	**09/10/12 12:43**	**Solid**	**GC 25**	**09/10/12**	**09/11/12 12:15**	**120910B02**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0.50	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene - FID	72	42-126	

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RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.		Date Received:	09/10/12
8281 Commonwealth Avenue		Work Order No:	12-09-0489
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	EPA 8015B (M)

Project: 20001 Brookhurst, Huntington Beach, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
T3-SWN	**12-09-0489-13-A**	**09/10/12 12:47**	**Solid**	**GC 25**	**09/10/12**	**09/11/12 07:11**	**120910B02**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0.50	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene - FID	75	42-126	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SP-1	**12-09-0489-14-A**	**09/10/12 12:34**	**Solid**	**GC 25**	**09/10/12**	**09/11/12 12:49**	**120910B02**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0.50	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene - FID	71	42-126	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SP-2	**12-09-0489-15-A**	**09/10/12 12:19**	**Solid**	**GC 25**	**09/10/12**	**09/11/12 07:45**	**120910B02**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0.50	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene - FID	70	42-126	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
WO-SW-N	**12-09-0489-16-A**	**09/10/12 12:05**	**Solid**	**GC 25**	**09/10/12**	**09/11/12 08:19**	**120910B02**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0.50	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene - FID	70	42-126	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.		Date Received:	09/10/12
8281 Commonwealth Avenue		Work Order No:	12-09-0489
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	EPA 8015B (M)

Project: 20001 Brookhurst, Huntington Beach, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
WO-SW-S	**12-09-0489-17-A**	**09/10/12 12:10**	**Solid**	**GC 25**	**09/10/12**	**09/11/12 08:53**	**120910B02**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0.50	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene - FID	70	42-126	

H1-d10	**12-09-0489-18-A**	**09/10/12 13:15**	**Solid**	**GC 25**	**09/10/12**	**09/11/12 09:26**	**120910B02**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0.50	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene - FID	69	42-126	

H2-d10	**12-09-0489-19-A**	**09/10/12 13:23**	**Solid**	**GC 25**	**09/10/12**	**09/11/12 10:00**	**120910B02**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0.50	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene - FID	72	42-126	

H3-d8	**12-09-0489-20-A**	**09/10/12 13:34**	**Solid**	**GC 25**	**09/10/12**	**09/11/12 11:07**	**120910B02**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0.50	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene - FID	68	42-126	

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RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

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Wayne Perry, Inc.		Date Received:	09/10/12
8281 Commonwealth Avenue		Work Order No:	12-09-0489
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	EPA 8015B (M)

Project: 20001 Brookhurst, Huntington Beach, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
H4-d8	**12-09-0489-21-A**	**09/10/12 13:40**	**Solid**	**GC 25**	**09/10/12**	**09/11/12 11:41**	**120910B02**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0.50	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene - FID	72	42-126	

Method Blank	**099-14-571-508**	**N/A**	**Solid**	**GC 22**	**09/10/12**	**09/10/12 17:09**	**120910B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0.50	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene - FID	97	42-126	

Method Blank	**099-14-571-510**	**N/A**	**Solid**	**GC 25**	**09/10/12**	**09/11/12 01:33**	**120910B02**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0.50	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene - FID	76	42-126	

Method Blank	**099-14-571-511**	**N/A**	**Solid**	**GC 25**	**09/10/12**	**09/11/12 03:15**	**120910B03**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	4.0	8		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene - FID	78	42-126	

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RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.		Date Received:	09/10/12
8281 Commonwealth Avenue		Work Order No:	12-09-0489
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/kg
Project: 20001 Brookhurst, Huntington Beach, CA			Page 1 of 26

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
D4-d3	12-09-0489-1-A	09/10/12 11:10	Solid	GC/MS W	09/10/12	09/10/12 17:39	120910L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	120	1		1,1-Dichloropropene	ND	5.0	1	
Benzene	ND	5.0	1		c-1,3-Dichloropropene	ND	5.0	1	
Bromobenzene	ND	5.0	1		t-1,3-Dichloropropene	ND	5.0	1	
Bromochloromethane	ND	5.0	1		Ethylbenzene	ND	5.0	1	
Bromodichloromethane	ND	5.0	1		2-Hexanone	ND	50	1	
Bromoform	ND	5.0	1		Isopropylbenzene	ND	5.0	1	
Bromomethane	ND	25	1		p-Isopropyltoluene	ND	5.0	1	
2-Butanone	ND	50	1		Methylene Chloride	ND	50	1	
n-Butylbenzene	ND	5.0	1		4-Methyl-2-Pentanone	ND	50	1	
sec-Butylbenzene	ND	5.0	1		Naphthalene	ND	50	1	
tert-Butylbenzene	ND	5.0	1		n-Propylbenzene	ND	5.0	1	
Carbon Disulfide	ND	50	1		Styrene	ND	5.0	1	
Carbon Tetrachloride	ND	5.0	1		1,1,1,2-Tetrachloroethane	ND	5.0	1	
Chlorobenzene	ND	5.0	1		1,1,2,2-Tetrachloroethane	ND	5.0	1	
Chloroethane	ND	5.0	1		Tetrachloroethene	ND	5.0	1	
Chloroform	ND	5.0	1		Toluene	ND	5.0	1	
Chloromethane	ND	25	1		1,2,3-Trichlorobenzene	ND	10	1	
2-Chlorotoluene	ND	5.0	1		1,2,4-Trichlorobenzene	ND	5.0	1	
4-Chlorotoluene	ND	5.0	1		1,1,1-Trichloroethane	ND	5.0	1	
Dibromochloromethane	ND	5.0	1		1,1,2-Trichloroethane	ND	5.0	1	
1,2-Dibromo-3-Chloropropane	ND	10	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	1	
1,2-Dibromoethane	ND	5.0	1		Trichloroethene	ND	5.0	1	
Dibromomethane	ND	5.0	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dichlorobenzene	ND	5.0	1		1,2,4-Trimethylbenzene	ND	5.0	1	
1,3-Dichlorobenzene	ND	5.0	1		Trichlorofluoromethane	ND	50	1	
1,4-Dichlorobenzene	ND	5.0	1		1,3,5-Trimethylbenzene	ND	5.0	1	
Dichlorodifluoromethane	ND	5.0	1		Vinyl Acetate	ND	50	1	
1,1-Dichloroethane	ND	5.0	1		Vinyl Chloride	ND	5.0	1	
1,2-Dichloroethane	ND	5.0	1		Xylenes (total)	ND	5.0	1	
1,1-Dichloroethene	ND	5.0	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
c-1,2-Dichloroethene	ND	5.0	1		Tert-Butyl Alcohol (TBA)	ND	50	1	
t-1,2-Dichloroethene	ND	5.0	1		Diisopropyl Ether (DIPE)	ND	10	1	
1,2-Dichloropropane	ND	5.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	10	1	
1,3-Dichloropropane	ND	5.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	10	1	
2,2-Dichloropropane	ND	5.0	1		Ethanol	ND	250	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	92	60-132		Dibromofluoromethane	102	63-141	
1,2-Dichloroethane-d4	98	62-146		Toluene-d8	104	80-120	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Wayne Perry, Inc.		Date Received:	09/10/12
8281 Commonwealth Avenue		Work Order No:	12-09-0489
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/kg

Project: 20001 Brookhurst, Huntington Beach, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
D3-d3	12-09-0489-2-A	09/10/12 11:03	Solid	GC/MS W	09/10/12	09/10/12 18:09	120910L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	120	1		1,1-Dichloropropene	ND	5.0	1	
Benzene	ND	5.0	1		c-1,3-Dichloropropene	ND	5.0	1	
Bromobenzene	ND	5.0	1		t-1,3-Dichloropropene	ND	5.0	1	
Bromochloromethane	ND	5.0	1		Ethylbenzene	ND	5.0	1	
Bromodichloromethane	ND	5.0	1		2-Hexanone	ND	50	1	
Bromoform	ND	5.0	1		Isopropylbenzene	ND	5.0	1	
Bromomethane	ND	25	1		p-Isopropyltoluene	ND	5.0	1	
2-Butanone	ND	50	1		Methylene Chloride	ND	50	1	
n-Butylbenzene	ND	5.0	1		4-Methyl-2-Pentanone	ND	50	1	
sec-Butylbenzene	ND	5.0	1		Naphthalene	ND	50	1	
tert-Butylbenzene	ND	5.0	1		n-Propylbenzene	ND	5.0	1	
Carbon Disulfide	ND	50	1		Styrene	ND	5.0	1	
Carbon Tetrachloride	ND	5.0	1		1,1,1,2-Tetrachloroethane	ND	5.0	1	
Chlorobenzene	ND	5.0	1		1,1,2,2-Tetrachloroethane	ND	5.0	1	
Chloroethane	ND	5.0	1		Tetrachloroethene	ND	5.0	1	
Chloroform	ND	5.0	1		Toluene	ND	5.0	1	
Chloromethane	ND	25	1		1,2,3-Trichlorobenzene	ND	10	1	
2-Chlorotoluene	ND	5.0	1		1,2,4-Trichlorobenzene	ND	5.0	1	
4-Chlorotoluene	ND	5.0	1		1,1,1-Trichloroethane	ND	5.0	1	
Dibromochloromethane	ND	5.0	1		1,1,2-Trichloroethane	ND	5.0	1	
1,2-Dibromo-3-Chloropropane	ND	10	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	1	
1,2-Dibromoethane	ND	5.0	1		Trichloroethene	ND	5.0	1	
Dibromomethane	ND	5.0	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dichlorobenzene	ND	5.0	1		1,2,4-Trimethylbenzene	ND	5.0	1	
1,3-Dichlorobenzene	ND	5.0	1		Trichlorofluoromethane	ND	50	1	
1,4-Dichlorobenzene	ND	5.0	1		1,3,5-Trimethylbenzene	ND	5.0	1	
Dichlorodifluoromethane	ND	5.0	1		Vinyl Acetate	ND	50	1	
1,1-Dichloroethane	ND	5.0	1		Vinyl Chloride	ND	5.0	1	
1,2-Dichloroethane	ND	5.0	1		Xylenes (total)	ND	5.0	1	
1,1-Dichloroethene	ND	5.0	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
c-1,2-Dichloroethene	ND	5.0	1		Tert-Butyl Alcohol (TBA)	ND	50	1	
t-1,2-Dichloroethene	ND	5.0	1		Diisopropyl Ether (DIPE)	ND	10	1	
1,2-Dichloropropane	ND	5.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	10	1	
1,3-Dichloropropane	ND	5.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	10	1	
2,2-Dichloropropane	ND	5.0	1		Ethanol	ND	250	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	95	60-132		Dibromofluoromethane	105	63-141	
1,2-Dichloroethane-d4	100	62-146		Toluene-d8	103	80-120	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.		Date Received:	09/10/12
8281 Commonwealth Avenue		Work Order No:	12-09-0489
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/kg

Project: 20001 Brookhurst, Huntington Beach, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
D1-d3	12-09-0489-3-A	09/10/12 10:36	Solid	GC/MS W	09/10/12	09/10/12 21:08	120910L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	25000	200		1,1-Dichloropropene	ND	1000	200	
Benzene	ND	1000	200		c-1,3-Dichloropropene	ND	1000	200	
Bromobenzene	ND	1000	200		t-1,3-Dichloropropene	ND	1000	200	
Bromochloromethane	ND	1000	200		Ethylbenzene	ND	1000	200	
Bromodichloromethane	ND	1000	200		2-Hexanone	ND	10000	200	
Bromoform	ND	1000	200		Isopropylbenzene	ND	1000	200	
Bromomethane	ND	5000	200		p-Isopropyltoluene	ND	1000	200	
2-Butanone	ND	10000	200		Methylene Chloride	ND	10000	200	
n-Butylbenzene	3800	1000	200		4-Methyl-2-Pentanone	ND	10000	200	
sec-Butylbenzene	ND	1000	200		Naphthalene	ND	10000	200	
tert-Butylbenzene	ND	1000	200		n-Propylbenzene	ND	1000	200	
Carbon Disulfide	ND	10000	200		Styrene	ND	1000	200	
Carbon Tetrachloride	ND	1000	200		1,1,1,2-Tetrachloroethane	ND	1000	200	
Chlorobenzene	ND	1000	200		1,1,2,2-Tetrachloroethane	ND	1000	200	
Chloroethane	ND	1000	200		Tetrachloroethene	ND	1000	200	
Chloroform	ND	1000	200		Toluene	ND	1000	200	
Chloromethane	ND	5000	200		1,2,3-Trichlorobenzene	ND	2000	200	
2-Chlorotoluene	ND	1000	200		1,2,4-Trichlorobenzene	ND	1000	200	
4-Chlorotoluene	ND	1000	200		1,1,1-Trichloroethane	ND	1000	200	
Dibromochloromethane	ND	1000	200		1,1,2-Trichloroethane	ND	1000	200	
1,2-Dibromo-3-Chloropropane	ND	2000	200		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10000	200	
1,2-Dibromoethane	ND	1000	200		Trichloroethene	ND	1000	200	
Dibromomethane	ND	1000	200		1,2,3-Trichloropropane	ND	1000	200	
1,2-Dichlorobenzene	ND	1000	200		1,2,4-Trimethylbenzene	17000	1000	200	
1,3-Dichlorobenzene	ND	1000	200		Trichlorofluoromethane	ND	10000	200	
1,4-Dichlorobenzene	ND	1000	200		1,3,5-Trimethylbenzene	5400	1000	200	
Dichlorodifluoromethane	ND	1000	200		Vinyl Acetate	ND	10000	200	
1,1-Dichloroethane	ND	1000	200		Vinyl Chloride	ND	1000	200	
1,2-Dichloroethane	ND	1000	200		Xylenes (total)	2300	1000	200	
1,1-Dichloroethene	ND	1000	200		Methyl-t-Butyl Ether (MTBE)	ND	1000	200	
c-1,2-Dichloroethene	ND	1000	200		Tert-Butyl Alcohol (TBA)	ND	10000	200	
t-1,2-Dichloroethene	ND	1000	200		Diisopropyl Ether (DIPE)	ND	2000	200	
1,2-Dichloropropane	ND	1000	200		Ethyl-t-Butyl Ether (ETBE)	ND	2000	200	
1,3-Dichloropropane	ND	1000	200		Tert-Amyl-Methyl Ether (TAME)	ND	2000	200	
2,2-Dichloropropane	ND	1000	200		Ethanol	ND	50000	200	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	98	60-132		Dibromofluoromethane	98	63-141	
1,2-Dichloroethane-d4	92	62-146		Toluene-d8	105	80-120	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Wayne Perry, Inc.		Date Received:	09/10/12
8281 Commonwealth Avenue		Work Order No:	12-09-0489
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/kg

Project: 20001 Brookhurst, Huntington Beach, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
D2-d3	12-09-0489-4-A	09/10/12 10:51	Solid	GC/MS W	09/10/12	09/10/12 21:37	120910L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	62000	500		1,1-Dichloropropene	ND	2500	500	
Benzene	ND	2500	500		c-1,3-Dichloropropene	ND	2500	500	
Bromobenzene	ND	2500	500		t-1,3-Dichloropropene	ND	2500	500	
Bromochloromethane	ND	2500	500		Ethylbenzene	ND	2500	500	
Bromodichloromethane	ND	2500	500		2-Hexanone	ND	25000	500	
Bromoform	ND	2500	500		Isopropylbenzene	ND	2500	500	
Bromomethane	ND	12000	500		p-Isopropyltoluene	ND	2500	500	
2-Butanone	ND	25000	500		Methylene Chloride	ND	25000	500	
n-Butylbenzene	10000	2500	500		4-Methyl-2-Pentanone	ND	25000	500	
sec-Butylbenzene	ND	2500	500		Naphthalene	ND	25000	500	
tert-Butylbenzene	ND	2500	500		n-Propylbenzene	3100	2500	500	
Carbon Disulfide	ND	25000	500		Styrene	ND	2500	500	
Carbon Tetrachloride	ND	2500	500		1,1,1,2-Tetrachloroethane	ND	2500	500	
Chlorobenzene	ND	2500	500		1,1,2,2-Tetrachloroethane	ND	2500	500	
Chloroethane	ND	2500	500		Tetrachloroethene	ND	2500	500	
Chloroform	ND	2500	500		Toluene	ND	2500	500	
Chloromethane	ND	12000	500		1,2,3-Trichlorobenzene	ND	5000	500	
2-Chlorotoluene	ND	2500	500		1,2,4-Trichlorobenzene	ND	2500	500	
4-Chlorotoluene	ND	2500	500		1,1,1-Trichloroethane	ND	2500	500	
Dibromochloromethane	ND	2500	500		1,1,2-Trichloroethane	ND	2500	500	
1,2-Dibromo-3-Chloropropane	ND	5000	500		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	25000	500	
1,2-Dibromoethane	ND	2500	500		Trichloroethene	ND	2500	500	
Dibromomethane	ND	2500	500		1,2,3-Trichloropropane	ND	2500	500	
1,2-Dichlorobenzene	ND	2500	500		1,2,4-Trimethylbenzene	71000	2500	500	
1,3-Dichlorobenzene	ND	2500	500		Trichlorofluoromethane	ND	25000	500	
1,4-Dichlorobenzene	ND	2500	500		1,3,5-Trimethylbenzene	23000	2500	500	
Dichlorodifluoromethane	ND	2500	500		Vinyl Acetate	ND	25000	500	
1,1-Dichloroethane	ND	2500	500		Vinyl Chloride	ND	2500	500	
1,2-Dichloroethane	ND	2500	500		Xylenes (total)	12000	2500	500	
1,1-Dichloroethene	ND	2500	500		Methyl-t-Butyl Ether (MTBE)	ND	2500	500	
c-1,2-Dichloroethene	ND	2500	500		Tert-Butyl Alcohol (TBA)	ND	25000	500	
t-1,2-Dichloroethene	ND	2500	500		Diisopropyl Ether (DIPE)	ND	5000	500	
1,2-Dichloropropane	ND	2500	500		Ethyl-t-Butyl Ether (ETBE)	ND	5000	500	
1,3-Dichloropropane	ND	2500	500		Tert-Amyl-Methyl Ether (TAME)	ND	5000	500	
2,2-Dichloropropane	ND	2500	500		Ethanol	ND	120000	500	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	94	60-132		Dibromofluoromethane	93	63-141	
1,2-Dichloroethane-d4	82	62-146		Toluene-d8	100	80-120	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

7440 Lincoln Way, Garden Grove, CA 92841-1427 • TEL:(714) 895-5494 • FAX: (714) 894-7501

Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.		Date Received:	09/10/12
8281 Commonwealth Avenue		Work Order No:	12-09-0489
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/kg
Project: 20001 Brookhurst, Huntington Beach, CA			Page 5 of 26

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PL-1-d3	12-09-0489-5-A	09/10/12 10:43	Solid	GC/MS W	09/10/12	09/10/12 18:39	120910L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	120	1		1,1-Dichloropropene	ND	5.0	1	
Benzene	ND	5.0	1		c-1,3-Dichloropropene	ND	5.0	1	
Bromobenzene	ND	5.0	1		t-1,3-Dichloropropene	ND	5.0	1	
Bromochloromethane	ND	5.0	1		Ethylbenzene	ND	5.0	1	
Bromodichloromethane	ND	5.0	1		2-Hexanone	ND	50	1	
Bromoform	ND	5.0	1		Isopropylbenzene	ND	5.0	1	
Bromomethane	ND	25	1		p-Isopropyltoluene	ND	5.0	1	
2-Butanone	ND	50	1		Methylene Chloride	ND	50	1	
n-Butylbenzene	23	5.0	1		4-Methyl-2-Pentanone	ND	50	1	
sec-Butylbenzene	ND	5.0	1		Naphthalene	ND	50	1	
tert-Butylbenzene	ND	5.0	1		n-Propylbenzene	ND	5.0	1	
Carbon Disulfide	ND	50	1		Styrene	ND	5.0	1	
Carbon Tetrachloride	ND	5.0	1		1,1,1,2-Tetrachloroethane	ND	5.0	1	
Chlorobenzene	ND	5.0	1		1,1,2,2-Tetrachloroethane	ND	5.0	1	
Chloroethane	ND	5.0	1		Tetrachloroethene	ND	5.0	1	
Chloroform	ND	5.0	1		Toluene	ND	5.0	1	
Chloromethane	ND	25	1		1,2,3-Trichlorobenzene	ND	10	1	
2-Chlorotoluene	ND	5.0	1		1,2,4-Trichlorobenzene	ND	5.0	1	
4-Chlorotoluene	ND	5.0	1		1,1,1-Trichloroethane	ND	5.0	1	
Dibromochloromethane	ND	5.0	1		1,1,2-Trichloroethane	ND	5.0	1	
1,2-Dibromo-3-Chloropropane	ND	10	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	1	
1,2-Dibromoethane	ND	5.0	1		Trichloroethene	ND	5.0	1	
Dibromomethane	ND	5.0	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dichlorobenzene	ND	5.0	1		1,2,4-Trimethylbenzene	89	5.0	1	
1,3-Dichlorobenzene	ND	5.0	1		Trichlorofluoromethane	ND	50	1	
1,4-Dichlorobenzene	ND	5.0	1		1,3,5-Trimethylbenzene	29	5.0	1	
Dichlorodifluoromethane	ND	5.0	1		Vinyl Acetate	ND	50	1	
1,1-Dichloroethane	ND	5.0	1		Vinyl Chloride	ND	5.0	1	
1,2-Dichloroethane	ND	5.0	1		Xylenes (total)	ND	5.0	1	
1,1-Dichloroethene	ND	5.0	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
c-1,2-Dichloroethene	ND	5.0	1		Tert-Butyl Alcohol (TBA)	ND	50	1	
t-1,2-Dichloroethene	ND	5.0	1		Diisopropyl Ether (DIPE)	ND	10	1	
1,2-Dichloropropane	ND	5.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	10	1	
1,3-Dichloropropane	ND	5.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	10	1	
2,2-Dichloropropane	ND	5.0	1		Ethanol	ND	250	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	100	60-132		Dibromofluoromethane	105	63-141	
1,2-Dichloroethane-d4	104	62-146		Toluene-d8	105	80-120	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.		Date Received:	09/10/12
8281 Commonwealth Avenue		Work Order No:	12-09-0489
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/kg
Project: 20001 Brookhurst, Huntington Beach, CA			Page 6 of 26

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PL-3-d3	12-09-0489-6-A	09/10/12 11:08	Solid	GC/MS W	09/10/12	09/10/12 19:09	120910L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	120	1		1,1-Dichloropropene	ND	5.0	1	
Benzene	ND	5.0	1		c-1,3-Dichloropropene	ND	5.0	1	
Bromobenzene	ND	5.0	1		t-1,3-Dichloropropene	ND	5.0	1	
Bromochloromethane	ND	5.0	1		Ethylbenzene	ND	5.0	1	
Bromodichloromethane	ND	5.0	1		2-Hexanone	ND	50	1	
Bromoform	ND	5.0	1		Isopropylbenzene	ND	5.0	1	
Bromomethane	ND	25	1		p-Isopropyltoluene	ND	5.0	1	
2-Butanone	ND	50	1		Methylene Chloride	ND	50	1	
n-Butylbenzene	ND	5.0	1		4-Methyl-2-Pentanone	ND	50	1	
sec-Butylbenzene	ND	5.0	1		Naphthalene	ND	50	1	
tert-Butylbenzene	ND	5.0	1		n-Propylbenzene	ND	5.0	1	
Carbon Disulfide	ND	50	1		Styrene	ND	5.0	1	
Carbon Tetrachloride	ND	5.0	1		1,1,1,2-Tetrachloroethane	ND	5.0	1	
Chlorobenzene	ND	5.0	1		1,1,2,2-Tetrachloroethane	ND	5.0	1	
Chloroethane	ND	5.0	1		Tetrachloroethene	ND	5.0	1	
Chloroform	ND	5.0	1		Toluene	ND	5.0	1	
Chloromethane	ND	25	1		1,2,3-Trichlorobenzene	ND	10	1	
2-Chlorotoluene	ND	5.0	1		1,2,4-Trichlorobenzene	ND	5.0	1	
4-Chlorotoluene	ND	5.0	1		1,1,1-Trichloroethane	ND	5.0	1	
Dibromochloromethane	ND	5.0	1		1,1,2-Trichloroethane	ND	5.0	1	
1,2-Dibromo-3-Chloropropane	ND	10	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	1	
1,2-Dibromoethane	ND	5.0	1		Trichloroethene	ND	5.0	1	
Dibromomethane	ND	5.0	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dichlorobenzene	ND	5.0	1		1,2,4-Trimethylbenzene	ND	5.0	1	
1,3-Dichlorobenzene	ND	5.0	1		Trichlorofluoromethane	ND	50	1	
1,4-Dichlorobenzene	ND	5.0	1		1,3,5-Trimethylbenzene	ND	5.0	1	
Dichlorodifluoromethane	ND	5.0	1		Vinyl Acetate	ND	50	1	
1,1-Dichloroethane	ND	5.0	1		Vinyl Chloride	ND	5.0	1	
1,2-Dichloroethane	ND	5.0	1		Xylenes (total)	ND	5.0	1	
1,1-Dichloroethene	ND	5.0	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
c-1,2-Dichloroethene	ND	5.0	1		Tert-Butyl Alcohol (TBA)	ND	50	1	
t-1,2-Dichloroethene	ND	5.0	1		Diisopropyl Ether (DIPE)	ND	10	1	
1,2-Dichloropropane	ND	5.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	10	1	
1,3-Dichloropropane	ND	5.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	10	1	
2,2-Dichloropropane	ND	5.0	1		Ethanol	ND	250	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	92	60-132		Dibromofluoromethane	97	63-141	
1,2-Dichloroethane-d4	86	62-146		Toluene-d8	100	80-120	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Wayne Perry, Inc.		Date Received:	09/10/12
8281 Commonwealth Avenue		Work Order No:	12-09-0489
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/kg

Project: 20001 Brookhurst, Huntington Beach, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PL-5-d3	12-09-0489-7-A	09/10/12 11:30	Solid	GC/MS W	09/10/12	09/10/12 19:39	120910L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	120	1		1,1-Dichloropropene	ND	5.0	1	
Benzene	ND	5.0	1		c-1,3-Dichloropropene	ND	5.0	1	
Bromobenzene	ND	5.0	1		t-1,3-Dichloropropene	ND	5.0	1	
Bromochloromethane	ND	5.0	1		Ethylbenzene	ND	5.0	1	
Bromodichloromethane	ND	5.0	1		2-Hexanone	ND	50	1	
Bromoform	ND	5.0	1		Isopropylbenzene	ND	5.0	1	
Bromomethane	ND	25	1		p-Isopropyltoluene	ND	5.0	1	
2-Butanone	ND	50	1		Methylene Chloride	ND	50	1	
n-Butylbenzene	ND	5.0	1		4-Methyl-2-Pentanone	ND	50	1	
sec-Butylbenzene	ND	5.0	1		Naphthalene	ND	50	1	
tert-Butylbenzene	ND	5.0	1		n-Propylbenzene	ND	5.0	1	
Carbon Disulfide	ND	50	1		Styrene	ND	5.0	1	
Carbon Tetrachloride	ND	5.0	1		1,1,1,2-Tetrachloroethane	ND	5.0	1	
Chlorobenzene	ND	5.0	1		1,1,2,2-Tetrachloroethane	ND	5.0	1	
Chloroethane	ND	5.0	1		Tetrachloroethene	ND	5.0	1	
Chloroform	ND	5.0	1		Toluene	ND	5.0	1	
Chloromethane	ND	25	1		1,2,3-Trichlorobenzene	ND	10	1	
2-Chlorotoluene	ND	5.0	1		1,2,4-Trichlorobenzene	ND	5.0	1	
4-Chlorotoluene	ND	5.0	1		1,1,1-Trichloroethane	ND	5.0	1	
Dibromochloromethane	ND	5.0	1		1,1,2-Trichloroethane	ND	5.0	1	
1,2-Dibromo-3-Chloropropane	ND	10	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	1	
1,2-Dibromoethane	ND	5.0	1		Trichloroethene	ND	5.0	1	
Dibromomethane	ND	5.0	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dichlorobenzene	ND	5.0	1		1,2,4-Trimethylbenzene	ND	5.0	1	
1,3-Dichlorobenzene	ND	5.0	1		Trichlorofluoromethane	ND	50	1	
1,4-Dichlorobenzene	ND	5.0	1		1,3,5-Trimethylbenzene	ND	5.0	1	
Dichlorodifluoromethane	ND	5.0	1		Vinyl Acetate	ND	50	1	
1,1-Dichloroethane	ND	5.0	1		Vinyl Chloride	ND	5.0	1	
1,2-Dichloroethane	ND	5.0	1		Xylenes (total)	ND	5.0	1	
1,1-Dichloroethene	ND	5.0	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
c-1,2-Dichloroethene	ND	5.0	1		Tert-Butyl Alcohol (TBA)	ND	50	1	
t-1,2-Dichloroethene	ND	5.0	1		Diisopropyl Ether (DIPE)	ND	10	1	
1,2-Dichloropropane	ND	5.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	10	1	
1,3-Dichloropropane	ND	5.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	10	1	
2,2-Dichloropropane	ND	5.0	1		Ethanol	ND	250	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	92	60-132		Dibromofluoromethane	100	63-141	
1,2-Dichloroethane-d4	89	62-146		Toluene-d8	99	80-120	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received:	09/10/12
Work Order No:	12-09-0489
Preparation:	EPA 5030C
Method:	EPA 8260B
Units:	ug/kg

Project: 20001 Brookhurst, Huntington Beach, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PL 4-d3	12-09-0489-8-A	09/10/12 11:23	Solid	GC/MS W	09/10/12	09/10/12 20:09	120910L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	120	1		1,1-Dichloropropene	ND	5.0	1	
Benzene	ND	5.0	1		c-1,3-Dichloropropene	ND	5.0	1	
Bromobenzene	ND	5.0	1		t-1,3-Dichloropropene	ND	5.0	1	
Bromochloromethane	ND	5.0	1		Ethylbenzene	ND	5.0	1	
Bromodichloromethane	ND	5.0	1		2-Hexanone	ND	50	1	
Bromoform	ND	5.0	1		Isopropylbenzene	ND	5.0	1	
Bromomethane	ND	25	1		p-Isopropyltoluene	ND	5.0	1	
2-Butanone	ND	50	1		Methylene Chloride	ND	50	1	
n-Butylbenzene	ND	5.0	1		4-Methyl-2-Pentanone	ND	50	1	
sec-Butylbenzene	ND	5.0	1		Naphthalene	ND	50	1	
tert-Butylbenzene	ND	5.0	1		n-Propylbenzene	ND	5.0	1	
Carbon Disulfide	ND	50	1		Styrene	ND	5.0	1	
Carbon Tetrachloride	ND	5.0	1		1,1,1,2-Tetrachloroethane	ND	5.0	1	
Chlorobenzene	ND	5.0	1		1,1,2,2-Tetrachloroethane	ND	5.0	1	
Chloroethane	ND	5.0	1		Tetrachloroethene	ND	5.0	1	
Chloroform	ND	5.0	1		Toluene	ND	5.0	1	
Chloromethane	ND	25	1		1,2,3-Trichlorobenzene	ND	10	1	
2-Chlorotoluene	ND	5.0	1		1,2,4-Trichlorobenzene	ND	5.0	1	
4-Chlorotoluene	ND	5.0	1		1,1,1-Trichloroethane	ND	5.0	1	
Dibromochloromethane	ND	5.0	1		1,1,2-Trichloroethane	ND	5.0	1	
1,2-Dibromo-3-Chloropropane	ND	10	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	1	
1,2-Dibromoethane	ND	5.0	1		Trichloroethene	ND	5.0	1	
Dibromomethane	ND	5.0	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dichlorobenzene	ND	5.0	1		1,2,4-Trimethylbenzene	ND	5.0	1	
1,3-Dichlorobenzene	ND	5.0	1		Trichlorofluoromethane	ND	50	1	
1,4-Dichlorobenzene	ND	5.0	1		1,3,5-Trimethylbenzene	ND	5.0	1	
Dichlorodifluoromethane	ND	5.0	1		Vinyl Acetate	ND	50	1	
1,1-Dichloroethane	ND	5.0	1		Vinyl Chloride	ND	5.0	1	
1,2-Dichloroethane	ND	5.0	1		Xylenes (total)	ND	5.0	1	
1,1-Dichloroethene	ND	5.0	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
c-1,2-Dichloroethene	ND	5.0	1		Tert-Butyl Alcohol (TBA)	ND	50	1	
t-1,2-Dichloroethene	ND	5.0	1		Diisopropyl Ether (DIPE)	ND	10	1	
1,2-Dichloropropane	ND	5.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	10	1	
1,3-Dichloropropane	ND	5.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	10	1	
2,2-Dichloropropane	ND	5.0	1		Ethanol	ND	250	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	94	60-132		Dibromofluoromethane	102	63-141	
1,2-Dichloroethane-d4	96	62-146		Toluene-d8	101	80-120	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Wayne Perry, Inc.		Date Received:	09/10/12
8281 Commonwealth Avenue		Work Order No:	12-09-0489
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/kg

Project: 20001 Brookhurst, Huntington Beach, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PL 2-d3	12-09-0489-9-A	09/10/12 10:53	Solid	GC/MS W	09/10/12	09/10/12 20:38	120910L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	120	1		1,1-Dichloropropene	ND	5.0	1	
Benzene	ND	5.0	1		c-1,3-Dichloropropene	ND	5.0	1	
Bromobenzene	ND	5.0	1		t-1,3-Dichloropropene	ND	5.0	1	
Bromochloromethane	ND	5.0	1		Ethylbenzene	ND	5.0	1	
Bromodichloromethane	ND	5.0	1		2-Hexanone	ND	50	1	
Bromoform	ND	5.0	1		Isopropylbenzene	ND	5.0	1	
Bromomethane	ND	25	1		p-Isopropyltoluene	ND	5.0	1	
2-Butanone	ND	50	1		Methylene Chloride	ND	50	1	
n-Butylbenzene	ND	5.0	1		4-Methyl-2-Pentanone	ND	50	1	
sec-Butylbenzene	ND	5.0	1		Naphthalene	ND	50	1	
tert-Butylbenzene	ND	5.0	1		n-Propylbenzene	ND	5.0	1	
Carbon Disulfide	ND	50	1		Styrene	ND	5.0	1	
Carbon Tetrachloride	ND	5.0	1		1,1,1,2-Tetrachloroethane	ND	5.0	1	
Chlorobenzene	ND	5.0	1		1,1,2,2-Tetrachloroethane	ND	5.0	1	
Chloroethane	ND	5.0	1		Tetrachloroethene	ND	5.0	1	
Chloroform	ND	5.0	1		Toluene	ND	5.0	1	
Chloromethane	ND	25	1		1,2,3-Trichlorobenzene	ND	10	1	
2-Chlorotoluene	ND	5.0	1		1,2,4-Trichlorobenzene	ND	5.0	1	
4-Chlorotoluene	ND	5.0	1		1,1,1-Trichloroethane	ND	5.0	1	
Dibromochloromethane	ND	5.0	1		1,1,2-Trichloroethane	ND	5.0	1	
1,2-Dibromo-3-Chloropropane	ND	10	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	1	
1,2-Dibromoethane	ND	5.0	1		Trichloroethene	ND	5.0	1	
Dibromomethane	ND	5.0	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dichlorobenzene	ND	5.0	1		1,2,4-Trimethylbenzene	ND	5.0	1	
1,3-Dichlorobenzene	ND	5.0	1		Trichlorofluoromethane	ND	50	1	
1,4-Dichlorobenzene	ND	5.0	1		1,3,5-Trimethylbenzene	ND	5.0	1	
Dichlorodifluoromethane	ND	5.0	1		Vinyl Acetate	ND	50	1	
1,1-Dichloroethane	ND	5.0	1		Vinyl Chloride	ND	5.0	1	
1,2-Dichloroethane	ND	5.0	1		Xylenes (total)	ND	5.0	1	
1,1-Dichloroethene	ND	5.0	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
c-1,2-Dichloroethene	ND	5.0	1		Tert-Butyl Alcohol (TBA)	ND	50	1	
t-1,2-Dichloroethene	ND	5.0	1		Diisopropyl Ether (DIPE)	ND	10	1	
1,2-Dichloropropane	ND	5.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	10	1	
1,3-Dichloropropane	ND	5.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	10	1	
2,2-Dichloropropane	ND	5.0	1		Ethanol	ND	250	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	95	60-132		Dibromofluoromethane	101	63-141	
1,2-Dichloroethane-d4	97	62-146		Toluene-d8	100	80-120	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.		Date Received:	09/10/12
8281 Commonwealth Avenue		Work Order No:	12-09-0489
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/kg

Project: 20001 Brookhurst, Huntington Beach, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PL-6-d3	12-09-0489-10-A	09/10/12 13:05	Solid	GC/MS R	09/10/12	09/11/12 15:05	120911L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	120	1		1,1-Dichloropropene	ND	5.0	1	
Benzene	ND	5.0	1		c-1,3-Dichloropropene	ND	5.0	1	
Bromobenzene	ND	5.0	1		t-1,3-Dichloropropene	ND	5.0	1	
Bromochloromethane	ND	5.0	1		Ethylbenzene	ND	5.0	1	
Bromodichloromethane	ND	5.0	1		2-Hexanone	ND	50	1	
Bromoform	ND	5.0	1		Isopropylbenzene	ND	5.0	1	
Bromomethane	ND	25	1		p-Isopropyltoluene	ND	5.0	1	
2-Butanone	ND	50	1		Methylene Chloride	ND	50	1	
n-Butylbenzene	ND	5.0	1		4-Methyl-2-Pentanone	ND	50	1	
sec-Butylbenzene	ND	5.0	1		Naphthalene	ND	50	1	
tert-Butylbenzene	ND	5.0	1		n-Propylbenzene	ND	5.0	1	
Carbon Disulfide	ND	50	1		Styrene	ND	5.0	1	
Carbon Tetrachloride	ND	5.0	1		1,1,1,2-Tetrachloroethane	ND	5.0	1	
Chlorobenzene	ND	5.0	1		1,1,2,2-Tetrachloroethane	ND	5.0	1	
Chloroethane	ND	5.0	1		Tetrachloroethene	ND	5.0	1	
Chloroform	ND	5.0	1		Toluene	ND	5.0	1	
Chloromethane	ND	25	1		1,2,3-Trichlorobenzene	ND	10	1	
2-Chlorotoluene	ND	5.0	1		1,2,4-Trichlorobenzene	ND	5.0	1	
4-Chlorotoluene	ND	5.0	1		1,1,1-Trichloroethane	ND	5.0	1	
Dibromochloromethane	ND	5.0	1		1,1,2-Trichloroethane	ND	5.0	1	
1,2-Dibromo-3-Chloropropane	ND	10	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	1	
1,2-Dibromoethane	ND	5.0	1		Trichloroethene	ND	5.0	1	
Dibromomethane	ND	5.0	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dichlorobenzene	ND	5.0	1		1,2,4-Trimethylbenzene	ND	5.0	1	
1,3-Dichlorobenzene	ND	5.0	1		Trichlorofluoromethane	ND	50	1	
1,4-Dichlorobenzene	ND	5.0	1		1,3,5-Trimethylbenzene	ND	5.0	1	
Dichlorodifluoromethane	ND	5.0	1		Vinyl Acetate	ND	50	1	
1,1-Dichloroethane	ND	5.0	1		Vinyl Chloride	ND	5.0	1	
1,2-Dichloroethane	ND	5.0	1		Xylenes (total)	ND	5.0	1	
1,1-Dichloroethene	ND	5.0	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
c-1,2-Dichloroethene	ND	5.0	1		Tert-Butyl Alcohol (TBA)	ND	50	1	
t-1,2-Dichloroethene	ND	5.0	1		Diisopropyl Ether (DIPE)	ND	10	1	
1,2-Dichloropropane	ND	5.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	10	1	
1,3-Dichloropropane	ND	5.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	10	1	
2,2-Dichloropropane	ND	5.0	1		Ethanol	ND	250	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	103	60-132		Dibromofluoromethane	104	63-141	
1,2-Dichloroethane-d4	112	62-146		Toluene-d8	99	80-120	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.		Date Received:	09/10/12
8281 Commonwealth Avenue		Work Order No:	12-09-0489
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/kg
Project: 20001 Brookhurst, Huntington Beach, CA			Page 11 of 26

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
T1-SWN	12-09-0489-11-A	09/10/12 12:38	Solid	GC/MS R	09/10/12	09/11/12 15:33	120911L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	120	1		1,1-Dichloropropene	ND	5.0	1	
Benzene	ND	5.0	1		c-1,3-Dichloropropene	ND	5.0	1	
Bromobenzene	ND	5.0	1		t-1,3-Dichloropropene	ND	5.0	1	
Bromochloromethane	ND	5.0	1		Ethylbenzene	ND	5.0	1	
Bromodichloromethane	ND	5.0	1		2-Hexanone	ND	50	1	
Bromoform	ND	5.0	1		Isopropylbenzene	ND	5.0	1	
Bromomethane	ND	25	1		p-Isopropyltoluene	ND	5.0	1	
2-Butanone	ND	50	1		Methylene Chloride	ND	50	1	
n-Butylbenzene	ND	5.0	1		4-Methyl-2-Pentanone	ND	50	1	
sec-Butylbenzene	ND	5.0	1		Naphthalene	ND	50	1	
tert-Butylbenzene	ND	5.0	1		n-Propylbenzene	ND	5.0	1	
Carbon Disulfide	ND	50	1		Styrene	ND	5.0	1	
Carbon Tetrachloride	ND	5.0	1		1,1,1,2-Tetrachloroethane	ND	5.0	1	
Chlorobenzene	ND	5.0	1		1,1,2,2-Tetrachloroethane	ND	5.0	1	
Chloroethane	ND	5.0	1		Tetrachloroethene	ND	5.0	1	
Chloroform	ND	5.0	1		Toluene	ND	5.0	1	
Chloromethane	ND	25	1		1,2,3-Trichlorobenzene	ND	10	1	
2-Chlorotoluene	ND	5.0	1		1,2,4-Trichlorobenzene	ND	5.0	1	
4-Chlorotoluene	ND	5.0	1		1,1,1-Trichloroethane	ND	5.0	1	
Dibromochloromethane	ND	5.0	1		1,1,2-Trichloroethane	ND	5.0	1	
1,2-Dibromo-3-Chloropropane	ND	10	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	1	
1,2-Dibromoethane	ND	5.0	1		Trichloroethene	ND	5.0	1	
Dibromomethane	ND	5.0	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dichlorobenzene	ND	5.0	1		1,2,4-Trimethylbenzene	ND	5.0	1	
1,3-Dichlorobenzene	ND	5.0	1		Trichlorofluoromethane	ND	50	1	
1,4-Dichlorobenzene	ND	5.0	1		1,3,5-Trimethylbenzene	ND	5.0	1	
Dichlorodifluoromethane	ND	5.0	1		Vinyl Acetate	ND	50	1	
1,1-Dichloroethane	ND	5.0	1		Vinyl Chloride	ND	5.0	1	
1,2-Dichloroethane	ND	5.0	1		Xylenes (total)	ND	5.0	1	
1,1-Dichloroethene	ND	5.0	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
c-1,2-Dichloroethene	ND	5.0	1		Tert-Butyl Alcohol (TBA)	ND	50	1	
t-1,2-Dichloroethene	ND	5.0	1		Diisopropyl Ether (DIPE)	ND	10	1	
1,2-Dichloropropane	ND	5.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	10	1	
1,3-Dichloropropane	ND	5.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	10	1	
2,2-Dichloropropane	ND	5.0	1		Ethanol	ND	250	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	102	60-132		Dibromofluoromethane	103	63-141	
1,2-Dichloroethane-d4	110	62-146		Toluene-d8	101	80-120	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Wayne Perry, Inc.		Date Received:	09/10/12
8281 Commonwealth Avenue		Work Order No:	12-09-0489
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/kg
Project: 20001 Brookhurst, Huntington Beach, CA			Page 12 of 26

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
T2-SWN	12-09-0489-12-A	09/10/12 12:43	Solid	GC/MS R	09/10/12	09/11/12 16:01	120911L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	120	1		1,1-Dichloropropene	ND	5.0	1	
Benzene	ND	5.0	1		c-1,3-Dichloropropene	ND	5.0	1	
Bromobenzene	ND	5.0	1		t-1,3-Dichloropropene	ND	5.0	1	
Bromochloromethane	ND	5.0	1		Ethylbenzene	ND	5.0	1	
Bromodichloromethane	ND	5.0	1		2-Hexanone	ND	50	1	
Bromoform	ND	5.0	1		Isopropylbenzene	ND	5.0	1	
Bromomethane	ND	25	1		p-Isopropyltoluene	ND	5.0	1	
2-Butanone	ND	50	1		Methylene Chloride	ND	50	1	
n-Butylbenzene	ND	5.0	1		4-Methyl-2-Pentanone	ND	50	1	
sec-Butylbenzene	ND	5.0	1		Naphthalene	ND	50	1	
tert-Butylbenzene	ND	5.0	1		n-Propylbenzene	ND	5.0	1	
Carbon Disulfide	ND	50	1		Styrene	ND	5.0	1	
Carbon Tetrachloride	ND	5.0	1		1,1,1,2-Tetrachloroethane	ND	5.0	1	
Chlorobenzene	ND	5.0	1		1,1,2,2-Tetrachloroethane	ND	5.0	1	
Chloroethane	ND	5.0	1		Tetrachloroethene	ND	5.0	1	
Chloroform	ND	5.0	1		Toluene	ND	5.0	1	
Chloromethane	ND	25	1		1,2,3-Trichlorobenzene	ND	10	1	
2-Chlorotoluene	ND	5.0	1		1,2,4-Trichlorobenzene	ND	5.0	1	
4-Chlorotoluene	ND	5.0	1		1,1,1-Trichloroethane	ND	5.0	1	
Dibromochloromethane	ND	5.0	1		1,1,2-Trichloroethane	ND	5.0	1	
1,2-Dibromo-3-Chloropropane	ND	10	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	1	
1,2-Dibromoethane	ND	5.0	1		Trichloroethene	ND	5.0	1	
Dibromomethane	ND	5.0	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dichlorobenzene	ND	5.0	1		1,2,4-Trimethylbenzene	ND	5.0	1	
1,3-Dichlorobenzene	ND	5.0	1		Trichlorofluoromethane	ND	50	1	
1,4-Dichlorobenzene	ND	5.0	1		1,3,5-Trimethylbenzene	ND	5.0	1	
Dichlorodifluoromethane	ND	5.0	1		Vinyl Acetate	ND	50	1	
1,1-Dichloroethane	ND	5.0	1		Vinyl Chloride	ND	5.0	1	
1,2-Dichloroethane	ND	5.0	1		Xylenes (total)	ND	5.0	1	
1,1-Dichloroethene	ND	5.0	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
c-1,2-Dichloroethene	ND	5.0	1		Tert-Butyl Alcohol (TBA)	ND	50	1	
t-1,2-Dichloroethene	ND	5.0	1		Diisopropyl Ether (DIPE)	ND	10	1	
1,2-Dichloropropane	ND	5.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	10	1	
1,3-Dichloropropane	ND	5.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	10	1	
2,2-Dichloropropane	ND	5.0	1		Ethanol	ND	250	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	102	60-132		Dibromofluoromethane	103	63-141	
1,2-Dichloroethane-d4	109	62-146		Toluene-d8	99	80-120	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.		Date Received:	09/10/12
8281 Commonwealth Avenue		Work Order No:	12-09-0489
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/kg

Project: 20001 Brookhurst, Huntington Beach, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
T3-SWN	12-09-0489-13-A	09/10/12 12:47	Solid	GC/MS R	09/10/12	09/11/12 16:29	120911L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	120	1		1,1-Dichloropropene	ND	5.0	1	
Benzene	ND	5.0	1		c-1,3-Dichloropropene	ND	5.0	1	
Bromobenzene	ND	5.0	1		t-1,3-Dichloropropene	ND	5.0	1	
Bromochloromethane	ND	5.0	1		Ethylbenzene	ND	5.0	1	
Bromodichloromethane	ND	5.0	1		2-Hexanone	ND	50	1	
Bromoform	ND	5.0	1		Isopropylbenzene	ND	5.0	1	
Bromomethane	ND	25	1		p-Isopropyltoluene	ND	5.0	1	
2-Butanone	ND	50	1		Methylene Chloride	ND	50	1	
n-Butylbenzene	ND	5.0	1		4-Methyl-2-Pentanone	ND	50	1	
sec-Butylbenzene	ND	5.0	1		Naphthalene	ND	50	1	
tert-Butylbenzene	ND	5.0	1		n-Propylbenzene	ND	5.0	1	
Carbon Disulfide	ND	50	1		Styrene	ND	5.0	1	
Carbon Tetrachloride	ND	5.0	1		1,1,1,2-Tetrachloroethane	ND	5.0	1	
Chlorobenzene	ND	5.0	1		1,1,2,2-Tetrachloroethane	ND	5.0	1	
Chloroethane	ND	5.0	1		Tetrachloroethene	ND	5.0	1	
Chloroform	ND	5.0	1		Toluene	ND	5.0	1	
Chloromethane	ND	25	1		1,2,3-Trichlorobenzene	ND	10	1	
2-Chlorotoluene	ND	5.0	1		1,2,4-Trichlorobenzene	ND	5.0	1	
4-Chlorotoluene	ND	5.0	1		1,1,1-Trichloroethane	ND	5.0	1	
Dibromochloromethane	ND	5.0	1		1,1,2-Trichloroethane	ND	5.0	1	
1,2-Dibromo-3-Chloropropane	ND	10	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	1	
1,2-Dibromoethane	ND	5.0	1		Trichloroethene	ND	5.0	1	
Dibromomethane	ND	5.0	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dichlorobenzene	ND	5.0	1		1,2,4-Trimethylbenzene	ND	5.0	1	
1,3-Dichlorobenzene	ND	5.0	1		Trichlorofluoromethane	ND	50	1	
1,4-Dichlorobenzene	ND	5.0	1		1,3,5-Trimethylbenzene	ND	5.0	1	
Dichlorodifluoromethane	ND	5.0	1		Vinyl Acetate	ND	50	1	
1,1-Dichloroethane	ND	5.0	1		Vinyl Chloride	ND	5.0	1	
1,2-Dichloroethane	ND	5.0	1		Xylenes (total)	ND	5.0	1	
1,1-Dichloroethene	ND	5.0	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
c-1,2-Dichloroethene	ND	5.0	1		Tert-Butyl Alcohol (TBA)	ND	50	1	
t-1,2-Dichloroethene	ND	5.0	1		Diisopropyl Ether (DIPE)	ND	10	1	
1,2-Dichloropropane	ND	5.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	10	1	
1,3-Dichloropropane	ND	5.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	10	1	
2,2-Dichloropropane	ND	5.0	1		Ethanol	ND	250	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	103	60-132		Dibromofluoromethane	102	63-141	
1,2-Dichloroethane-d4	108	62-146		Toluene-d8	100	80-120	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Wayne Perry, Inc.		Date Received:	09/10/12
8281 Commonwealth Avenue		Work Order No:	12-09-0489
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/kg

Project: 20001 Brookhurst, Huntington Beach, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SP-1	12-09-0489-14-A	09/10/12 12:34	Solid	GC/MS R	09/10/12	09/11/12 16:57	120911L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	120	1		1,1-Dichloropropene	ND	5.0	1	
Benzene	ND	5.0	1		c-1,3-Dichloropropene	ND	5.0	1	
Bromobenzene	ND	5.0	1		t-1,3-Dichloropropene	ND	5.0	1	
Bromochloromethane	ND	5.0	1		Ethylbenzene	ND	5.0	1	
Bromodichloromethane	ND	5.0	1		2-Hexanone	ND	50	1	
Bromoform	ND	5.0	1		Isopropylbenzene	ND	5.0	1	
Bromomethane	ND	25	1		p-Isopropyltoluene	ND	5.0	1	
2-Butanone	ND	50	1		Methylene Chloride	ND	50	1	
n-Butylbenzene	ND	5.0	1		4-Methyl-2-Pentanone	ND	50	1	
sec-Butylbenzene	ND	5.0	1		Naphthalene	ND	50	1	
tert-Butylbenzene	ND	5.0	1		n-Propylbenzene	ND	5.0	1	
Carbon Disulfide	ND	50	1		Styrene	ND	5.0	1	
Carbon Tetrachloride	ND	5.0	1		1,1,1,2-Tetrachloroethane	ND	5.0	1	
Chlorobenzene	ND	5.0	1		1,1,2,2-Tetrachloroethane	ND	5.0	1	
Chloroethane	ND	5.0	1		Tetrachloroethene	ND	5.0	1	
Chloroform	ND	5.0	1		Toluene	ND	5.0	1	
Chloromethane	ND	25	1		1,2,3-Trichlorobenzene	ND	10	1	
2-Chlorotoluene	ND	5.0	1		1,2,4-Trichlorobenzene	ND	5.0	1	
4-Chlorotoluene	ND	5.0	1		1,1,1-Trichloroethane	ND	5.0	1	
Dibromochloromethane	ND	5.0	1		1,1,2-Trichloroethane	ND	5.0	1	
1,2-Dibromo-3-Chloropropane	ND	10	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	1	
1,2-Dibromoethane	ND	5.0	1		Trichloroethene	ND	5.0	1	
Dibromomethane	ND	5.0	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dichlorobenzene	ND	5.0	1		1,2,4-Trimethylbenzene	ND	5.0	1	
1,3-Dichlorobenzene	ND	5.0	1		Trichlorofluoromethane	ND	50	1	
1,4-Dichlorobenzene	ND	5.0	1		1,3,5-Trimethylbenzene	ND	5.0	1	
Dichlorodifluoromethane	ND	5.0	1		Vinyl Acetate	ND	50	1	
1,1-Dichloroethane	ND	5.0	1		Vinyl Chloride	ND	5.0	1	
1,2-Dichloroethane	ND	5.0	1		Xylenes (total)	ND	5.0	1	
1,1-Dichloroethene	ND	5.0	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
c-1,2-Dichloroethene	ND	5.0	1		Tert-Butyl Alcohol (TBA)	ND	50	1	
t-1,2-Dichloroethene	ND	5.0	1		Diisopropyl Ether (DIPE)	ND	10	1	
1,2-Dichloropropane	ND	5.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	10	1	
1,3-Dichloropropane	ND	5.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	10	1	
2,2-Dichloropropane	ND	5.0	1		Ethanol	ND	250	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	100	60-132		Dibromofluoromethane	101	63-141	
1,2-Dichloroethane-d4	108	62-146		Toluene-d8	99	80-120	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

7440 Lincoln Way, Garden Grove, CA 92841-1427 • TEL:(714) 895-5494 • FAX: (714) 894-7501

Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.		Date Received:	09/10/12
8281 Commonwealth Avenue		Work Order No:	12-09-0489
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/kg

Project: 20001 Brookhurst, Huntington Beach, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SP-2	12-09-0489-15-A	09/10/12 12:19	Solid	GC/MS R	09/10/12	09/11/12 17:25	120911L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	120	1		1,1-Dichloropropene	ND	5.0	1	
Benzene	ND	5.0	1		c-1,3-Dichloropropene	ND	5.0	1	
Bromobenzene	ND	5.0	1		t-1,3-Dichloropropene	ND	5.0	1	
Bromochloromethane	ND	5.0	1		Ethylbenzene	ND	5.0	1	
Bromodichloromethane	ND	5.0	1		2-Hexanone	ND	50	1	
Bromoform	ND	5.0	1		Isopropylbenzene	ND	5.0	1	
Bromomethane	ND	25	1		p-Isopropyltoluene	ND	5.0	1	
2-Butanone	ND	50	1		Methylene Chloride	ND	50	1	
n-Butylbenzene	ND	5.0	1		4-Methyl-2-Pentanone	ND	50	1	
sec-Butylbenzene	ND	5.0	1		Naphthalene	ND	50	1	
tert-Butylbenzene	ND	5.0	1		n-Propylbenzene	ND	5.0	1	
Carbon Disulfide	ND	50	1		Styrene	ND	5.0	1	
Carbon Tetrachloride	ND	5.0	1		1,1,1,2-Tetrachloroethane	ND	5.0	1	
Chlorobenzene	ND	5.0	1		1,1,2,2-Tetrachloroethane	ND	5.0	1	
Chloroethane	ND	5.0	1		Tetrachloroethene	ND	5.0	1	
Chloroform	ND	5.0	1		Toluene	ND	5.0	1	
Chloromethane	ND	25	1		1,2,3-Trichlorobenzene	ND	10	1	
2-Chlorotoluene	ND	5.0	1		1,2,4-Trichlorobenzene	ND	5.0	1	
4-Chlorotoluene	ND	5.0	1		1,1,1-Trichloroethane	ND	5.0	1	
Dibromochloromethane	ND	5.0	1		1,1,2-Trichloroethane	ND	5.0	1	
1,2-Dibromo-3-Chloropropane	ND	10	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	1	
1,2-Dibromoethane	ND	5.0	1		Trichloroethene	ND	5.0	1	
Dibromomethane	ND	5.0	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dichlorobenzene	ND	5.0	1		1,2,4-Trimethylbenzene	ND	5.0	1	
1,3-Dichlorobenzene	ND	5.0	1		Trichlorofluoromethane	ND	50	1	
1,4-Dichlorobenzene	ND	5.0	1		1,3,5-Trimethylbenzene	ND	5.0	1	
Dichlorodifluoromethane	ND	5.0	1		Vinyl Acetate	ND	50	1	
1,1-Dichloroethane	ND	5.0	1		Vinyl Chloride	ND	5.0	1	
1,2-Dichloroethane	ND	5.0	1		Xylenes (total)	ND	5.0	1	
1,1-Dichloroethene	ND	5.0	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
c-1,2-Dichloroethene	ND	5.0	1		Tert-Butyl Alcohol (TBA)	ND	50	1	
t-1,2-Dichloroethene	ND	5.0	1		Diisopropyl Ether (DIPE)	ND	10	1	
1,2-Dichloropropane	ND	5.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	10	1	
1,3-Dichloropropane	ND	5.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	10	1	
2,2-Dichloropropane	ND	5.0	1		Ethanol	ND	250	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	101	60-132		Dibromofluoromethane	102	63-141	
1,2-Dichloroethane-d4	110	62-146		Toluene-d8	100	80-120	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.		Date Received:	09/10/12
8281 Commonwealth Avenue		Work Order No:	12-09-0489
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/kg

Project: 20001 Brookhurst, Huntington Beach, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
WO-SW-N	12-09-0489-16-A	09/10/12 12:05	Solid	GC/MS R	09/10/12	09/11/12 17:53	120911L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	120	1		1,1-Dichloropropene	ND	5.0	1	
Benzene	ND	5.0	1		c-1,3-Dichloropropene	ND	5.0	1	
Bromobenzene	ND	5.0	1		t-1,3-Dichloropropene	ND	5.0	1	
Bromochloromethane	ND	5.0	1		Ethylbenzene	ND	5.0	1	
Bromodichloromethane	ND	5.0	1		2-Hexanone	ND	50	1	
Bromoform	ND	5.0	1		Isopropylbenzene	ND	5.0	1	
Bromomethane	ND	25	1		p-Isopropyltoluene	ND	5.0	1	
2-Butanone	ND	50	1		Methylene Chloride	ND	50	1	
n-Butylbenzene	ND	5.0	1		4-Methyl-2-Pentanone	ND	50	1	
sec-Butylbenzene	ND	5.0	1		Naphthalene	ND	50	1	
tert-Butylbenzene	ND	5.0	1		n-Propylbenzene	ND	5.0	1	
Carbon Disulfide	ND	50	1		Styrene	ND	5.0	1	
Carbon Tetrachloride	ND	5.0	1		1,1,1,2-Tetrachloroethane	ND	5.0	1	
Chlorobenzene	ND	5.0	1		1,1,2,2-Tetrachloroethane	ND	5.0	1	
Chloroethane	ND	5.0	1		Tetrachloroethene	ND	5.0	1	
Chloroform	ND	5.0	1		Toluene	ND	5.0	1	
Chloromethane	ND	25	1		1,2,3-Trichlorobenzene	ND	10	1	
2-Chlorotoluene	ND	5.0	1		1,2,4-Trichlorobenzene	ND	5.0	1	
4-Chlorotoluene	ND	5.0	1		1,1,1-Trichloroethane	ND	5.0	1	
Dibromochloromethane	ND	5.0	1		1,1,2-Trichloroethane	ND	5.0	1	
1,2-Dibromo-3-Chloropropane	ND	10	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	1	
1,2-Dibromoethane	ND	5.0	1		Trichloroethene	ND	5.0	1	
Dibromomethane	ND	5.0	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dichlorobenzene	ND	5.0	1		1,2,4-Trimethylbenzene	ND	5.0	1	
1,3-Dichlorobenzene	ND	5.0	1		Trichlorofluoromethane	ND	50	1	
1,4-Dichlorobenzene	ND	5.0	1		1,3,5-Trimethylbenzene	ND	5.0	1	
Dichlorodifluoromethane	ND	5.0	1		Vinyl Acetate	ND	50	1	
1,1-Dichloroethane	ND	5.0	1		Vinyl Chloride	ND	5.0	1	
1,2-Dichloroethane	ND	5.0	1		Xylenes (total)	ND	5.0	1	
1,1-Dichloroethene	ND	5.0	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
c-1,2-Dichloroethene	ND	5.0	1		Tert-Butyl Alcohol (TBA)	ND	50	1	
t-1,2-Dichloroethene	ND	5.0	1		Diisopropyl Ether (DIPE)	ND	10	1	
1,2-Dichloropropane	ND	5.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	10	1	
1,3-Dichloropropane	ND	5.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	10	1	
2,2-Dichloropropane	ND	5.0	1		Ethanol	ND	250	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	101	60-132		Dibromofluoromethane	103	63-141	
1,2-Dichloroethane-d4	111	62-146		Toluene-d8	100	80-120	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.		Date Received:	09/10/12
8281 Commonwealth Avenue		Work Order No:	12-09-0489
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/kg

Project: 20001 Brookhurst, Huntington Beach, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
WO-SW-S	12-09-0489-17-A	09/10/12 12:10	Solid	GC/MS W	09/10/12	09/11/12 16:44	120911L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	120	1		1,1-Dichloropropene	ND	5.0	1	
Benzene	ND	5.0	1		c-1,3-Dichloropropene	ND	5.0	1	
Bromobenzene	ND	5.0	1		t-1,3-Dichloropropene	ND	5.0	1	
Bromochloromethane	ND	5.0	1		Ethylbenzene	ND	5.0	1	
Bromodichloromethane	ND	5.0	1		2-Hexanone	ND	50	1	
Bromoform	ND	5.0	1		Isopropylbenzene	ND	5.0	1	
Bromomethane	ND	25	1		p-Isopropyltoluene	ND	5.0	1	
2-Butanone	ND	50	1		Methylene Chloride	ND	50	1	
n-Butylbenzene	ND	5.0	1		4-Methyl-2-Pentanone	ND	50	1	
sec-Butylbenzene	ND	5.0	1		Naphthalene	ND	50	1	
tert-Butylbenzene	ND	5.0	1		n-Propylbenzene	ND	5.0	1	
Carbon Disulfide	ND	50	1		Styrene	ND	5.0	1	
Carbon Tetrachloride	ND	5.0	1		1,1,1,2-Tetrachloroethane	ND	5.0	1	
Chlorobenzene	ND	5.0	1		1,1,2,2-Tetrachloroethane	ND	5.0	1	
Chloroethane	ND	5.0	1		Tetrachloroethene	ND	5.0	1	
Chloroform	ND	5.0	1		Toluene	ND	5.0	1	
Chloromethane	ND	25	1		1,2,3-Trichlorobenzene	ND	10	1	
2-Chlorotoluene	ND	5.0	1		1,2,4-Trichlorobenzene	ND	5.0	1	
4-Chlorotoluene	ND	5.0	1		1,1,1-Trichloroethane	ND	5.0	1	
Dibromochloromethane	ND	5.0	1		1,1,2-Trichloroethane	ND	5.0	1	
1,2-Dibromo-3-Chloropropane	ND	10	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	1	
1,2-Dibromoethane	ND	5.0	1		Trichloroethene	ND	5.0	1	
Dibromomethane	ND	5.0	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dichlorobenzene	ND	5.0	1		1,2,4-Trimethylbenzene	ND	5.0	1	
1,3-Dichlorobenzene	ND	5.0	1		Trichlorofluoromethane	ND	50	1	
1,4-Dichlorobenzene	ND	5.0	1		1,3,5-Trimethylbenzene	ND	5.0	1	
Dichlorodifluoromethane	ND	5.0	1		Vinyl Acetate	ND	50	1	
1,1-Dichloroethane	ND	5.0	1		Vinyl Chloride	ND	5.0	1	
1,2-Dichloroethane	ND	5.0	1		Xylenes (total)	ND	5.0	1	
1,1-Dichloroethene	ND	5.0	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
c-1,2-Dichloroethene	ND	5.0	1		Tert-Butyl Alcohol (TBA)	ND	50	1	
t-1,2-Dichloroethene	ND	5.0	1		Diisopropyl Ether (DIPE)	ND	10	1	
1,2-Dichloropropane	ND	5.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	10	1	
1,3-Dichloropropane	ND	5.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	10	1	
2,2-Dichloropropane	ND	5.0	1		Ethanol	ND	250	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	93	60-132		Dibromofluoromethane	108	63-141	
1,2-Dichloroethane-d4	112	62-146		Toluene-d8	101	80-120	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Wayne Perry, Inc.		Date Received:	09/10/12
8281 Commonwealth Avenue		Work Order No:	12-09-0489
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/kg

Project: 20001 Brookhurst, Huntington Beach, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
H1-d10	12-09-0489-18-A	09/10/12 13:15	Solid	GC/MS WW	09/10/12	09/11/12 17:01	120911L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	120	1		1,1-Dichloropropene	ND	5.0	1	
Benzene	ND	5.0	1		c-1,3-Dichloropropene	ND	5.0	1	
Bromobenzene	ND	5.0	1		t-1,3-Dichloropropene	ND	5.0	1	
Bromochloromethane	ND	5.0	1		Ethylbenzene	ND	5.0	1	
Bromodichloromethane	ND	5.0	1		2-Hexanone	ND	50	1	
Bromoform	ND	5.0	1		Isopropylbenzene	ND	5.0	1	
Bromomethane	ND	25	1		p-Isopropyltoluene	ND	5.0	1	
2-Butanone	ND	50	1		Methylene Chloride	ND	50	1	
n-Butylbenzene	ND	5.0	1		4-Methyl-2-Pentanone	ND	50	1	
sec-Butylbenzene	ND	5.0	1		Naphthalene	ND	50	1	
tert-Butylbenzene	ND	5.0	1		n-Propylbenzene	ND	5.0	1	
Carbon Disulfide	ND	50	1		Styrene	ND	5.0	1	
Carbon Tetrachloride	ND	5.0	1		1,1,1,2-Tetrachloroethane	ND	5.0	1	
Chlorobenzene	ND	5.0	1		1,1,2,2-Tetrachloroethane	ND	5.0	1	
Chloroethane	ND	5.0	1		Tetrachloroethene	ND	5.0	1	
Chloroform	ND	5.0	1		Toluene	ND	5.0	1	
Chloromethane	ND	25	1		1,2,3-Trichlorobenzene	ND	10	1	
2-Chlorotoluene	ND	5.0	1		1,2,4-Trichlorobenzene	ND	5.0	1	
4-Chlorotoluene	ND	5.0	1		1,1,1-Trichloroethane	ND	5.0	1	
Dibromochloromethane	ND	5.0	1		1,1,2-Trichloroethane	ND	5.0	1	
1,2-Dibromo-3-Chloropropane	ND	10	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	1	
1,2-Dibromoethane	ND	5.0	1		Trichloroethene	ND	5.0	1	
Dibromomethane	ND	5.0	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dichlorobenzene	ND	5.0	1		1,2,4-Trimethylbenzene	ND	5.0	1	
1,3-Dichlorobenzene	ND	5.0	1		Trichlorofluoromethane	ND	50	1	
1,4-Dichlorobenzene	ND	5.0	1		1,3,5-Trimethylbenzene	ND	5.0	1	
Dichlorodifluoromethane	ND	5.0	1		Vinyl Acetate	ND	50	1	
1,1-Dichloroethane	ND	5.0	1		Vinyl Chloride	ND	5.0	1	
1,2-Dichloroethane	ND	5.0	1		Xylenes (total)	ND	5.0	1	
1,1-Dichloroethene	ND	5.0	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
c-1,2-Dichloroethene	ND	5.0	1		Tert-Butyl Alcohol (TBA)	ND	50	1	
t-1,2-Dichloroethene	ND	5.0	1		Diisopropyl Ether (DIPE)	ND	10	1	
1,2-Dichloropropane	ND	5.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	10	1	
1,3-Dichloropropane	ND	5.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	10	1	
2,2-Dichloropropane	ND	5.0	1		Ethanol	ND	250	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	99	60-132		Dibromofluoromethane	96	63-141	
1,2-Dichloroethane-d4	89	62-146		Toluene-d8	96	80-120	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received:	09/10/12
Work Order No:	12-09-0489
Preparation:	EPA 5030C
Method:	EPA 8260B
Units:	ug/kg

Project: 20001 Brookhurst, Huntington Beach, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
H2-d10	12-09-0489-19-A	09/10/12 13:23	Solid	GC/MS WW	09/10/12	09/11/12 17:33	120911L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	120	1		1,1-Dichloropropene	ND	5.0	1	
Benzene	ND	5.0	1		c-1,3-Dichloropropene	ND	5.0	1	
Bromobenzene	ND	5.0	1		t-1,3-Dichloropropene	ND	5.0	1	
Bromochloromethane	ND	5.0	1		Ethylbenzene	ND	5.0	1	
Bromodichloromethane	ND	5.0	1		2-Hexanone	ND	50	1	
Bromoform	ND	5.0	1		Isopropylbenzene	ND	5.0	1	
Bromomethane	ND	25	1		p-Isopropyltoluene	ND	5.0	1	
2-Butanone	ND	50	1		Methylene Chloride	ND	50	1	
n-Butylbenzene	ND	5.0	1		4-Methyl-2-Pentanone	ND	50	1	
sec-Butylbenzene	ND	5.0	1		Naphthalene	ND	50	1	
tert-Butylbenzene	ND	5.0	1		n-Propylbenzene	ND	5.0	1	
Carbon Disulfide	ND	50	1		Styrene	ND	5.0	1	
Carbon Tetrachloride	ND	5.0	1		1,1,1,2-Tetrachloroethane	ND	5.0	1	
Chlorobenzene	ND	5.0	1		1,1,2,2-Tetrachloroethane	ND	5.0	1	
Chloroethane	ND	5.0	1		Tetrachloroethene	ND	5.0	1	
Chloroform	ND	5.0	1		Toluene	ND	5.0	1	
Chloromethane	ND	25	1		1,2,3-Trichlorobenzene	ND	10	1	
2-Chlorotoluene	ND	5.0	1		1,2,4-Trichlorobenzene	ND	5.0	1	
4-Chlorotoluene	ND	5.0	1		1,1,1-Trichloroethane	ND	5.0	1	
Dibromochloromethane	ND	5.0	1		1,1,2-Trichloroethane	ND	5.0	1	
1,2-Dibromo-3-Chloropropane	ND	10	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	1	
1,2-Dibromoethane	ND	5.0	1		Trichloroethene	ND	5.0	1	
Dibromomethane	ND	5.0	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dichlorobenzene	ND	5.0	1		1,2,4-Trimethylbenzene	ND	5.0	1	
1,3-Dichlorobenzene	ND	5.0	1		Trichlorofluoromethane	ND	50	1	
1,4-Dichlorobenzene	ND	5.0	1		1,3,5-Trimethylbenzene	ND	5.0	1	
Dichlorodifluoromethane	ND	5.0	1		Vinyl Acetate	ND	50	1	
1,1-Dichloroethane	ND	5.0	1		Vinyl Chloride	ND	5.0	1	
1,2-Dichloroethane	ND	5.0	1		Xylenes (total)	ND	5.0	1	
1,1-Dichloroethene	ND	5.0	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
c-1,2-Dichloroethene	ND	5.0	1		Tert-Butyl Alcohol (TBA)	ND	50	1	
t-1,2-Dichloroethene	ND	5.0	1		Diisopropyl Ether (DIPE)	ND	10	1	
1,2-Dichloropropane	ND	5.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	10	1	
1,3-Dichloropropane	ND	5.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	10	1	
2,2-Dichloropropane	ND	5.0	1		Ethanol	ND	250	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	97	60-132		Dibromofluoromethane	96	63-141	
1,2-Dichloroethane-d4	89	62-146		Toluene-d8	95	80-120	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

7440 Lincoln Way, Garden Grove, CA 92841-1427 • TEL:(714) 895-5494 • FAX: (714) 894-7501

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Wayne Perry, Inc.		Date Received:	09/10/12
8281 Commonwealth Avenue		Work Order No:	12-09-0489
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/kg

Project: 20001 Brookhurst, Huntington Beach, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
H3-d8	12-09-0489-20-A	09/10/12 13:34	Solid	GC/MS WW	09/10/12	09/11/12 18:04	120911L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	120	1		1,1-Dichloropropene	ND	5.0	1	
Benzene	ND	5.0	1		c-1,3-Dichloropropene	ND	5.0	1	
Bromobenzene	ND	5.0	1		t-1,3-Dichloropropene	ND	5.0	1	
Bromochloromethane	ND	5.0	1		Ethylbenzene	ND	5.0	1	
Bromodichloromethane	ND	5.0	1		2-Hexanone	ND	50	1	
Bromoform	ND	5.0	1		Isopropylbenzene	ND	5.0	1	
Bromomethane	ND	25	1		p-Isopropyltoluene	ND	5.0	1	
2-Butanone	ND	50	1		Methylene Chloride	ND	50	1	
n-Butylbenzene	ND	5.0	1		4-Methyl-2-Pentanone	ND	50	1	
sec-Butylbenzene	ND	5.0	1		Naphthalene	ND	50	1	
tert-Butylbenzene	ND	5.0	1		n-Propylbenzene	ND	5.0	1	
Carbon Disulfide	ND	50	1		Styrene	ND	5.0	1	
Carbon Tetrachloride	ND	5.0	1		1,1,1,2-Tetrachloroethane	ND	5.0	1	
Chlorobenzene	ND	5.0	1		1,1,2,2-Tetrachloroethane	ND	5.0	1	
Chloroethane	ND	5.0	1		Tetrachloroethene	ND	5.0	1	
Chloroform	ND	5.0	1		Toluene	ND	5.0	1	
Chloromethane	ND	25	1		1,2,3-Trichlorobenzene	ND	10	1	
2-Chlorotoluene	ND	5.0	1		1,2,4-Trichlorobenzene	ND	5.0	1	
4-Chlorotoluene	ND	5.0	1		1,1,1-Trichloroethane	ND	5.0	1	
Dibromochloromethane	ND	5.0	1		1,1,2-Trichloroethane	ND	5.0	1	
1,2-Dibromo-3-Chloropropane	ND	10	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	1	
1,2-Dibromoethane	ND	5.0	1		Trichloroethene	ND	5.0	1	
Dibromomethane	ND	5.0	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dichlorobenzene	ND	5.0	1		1,2,4-Trimethylbenzene	ND	5.0	1	
1,3-Dichlorobenzene	ND	5.0	1		Trichlorofluoromethane	ND	50	1	
1,4-Dichlorobenzene	ND	5.0	1		1,3,5-Trimethylbenzene	ND	5.0	1	
Dichlorodifluoromethane	ND	5.0	1		Vinyl Acetate	ND	50	1	
1,1-Dichloroethane	ND	5.0	1		Vinyl Chloride	ND	5.0	1	
1,2-Dichloroethane	ND	5.0	1		Xylenes (total)	ND	5.0	1	
1,1-Dichloroethene	ND	5.0	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
c-1,2-Dichloroethene	ND	5.0	1		Tert-Butyl Alcohol (TBA)	ND	50	1	
t-1,2-Dichloroethene	ND	5.0	1		Diisopropyl Ether (DIPE)	ND	10	1	
1,2-Dichloropropane	ND	5.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	10	1	
1,3-Dichloropropane	ND	5.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	10	1	
2,2-Dichloropropane	ND	5.0	1		Ethanol	ND	250	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	96	60-132		Dibromofluoromethane	97	63-141	
1,2-Dichloroethane-d4	92	62-146		Toluene-d8	95	80-120	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Wayne Perry, Inc.		Date Received:	09/10/12
8281 Commonwealth Avenue		Work Order No:	12-09-0489
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/kg

Project: 20001 Brookhurst, Huntington Beach, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
H4-d8	12-09-0489-21-A	09/10/12 13:40	Solid	GC/MS W	09/11/12	09/11/12 17:14	120911L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	120	1		1,1-Dichloropropene	ND	5.0	1	
Benzene	ND	5.0	1		c-1,3-Dichloropropene	ND	5.0	1	
Bromobenzene	ND	5.0	1		t-1,3-Dichloropropene	ND	5.0	1	
Bromochloromethane	ND	5.0	1		Ethylbenzene	ND	5.0	1	
Bromodichloromethane	ND	5.0	1		2-Hexanone	ND	50	1	
Bromoform	ND	5.0	1		Isopropylbenzene	ND	5.0	1	
Bromomethane	ND	25	1		p-Isopropyltoluene	ND	5.0	1	
2-Butanone	ND	50	1		Methylene Chloride	ND	50	1	
n-Butylbenzene	ND	5.0	1		4-Methyl-2-Pentanone	ND	50	1	
sec-Butylbenzene	ND	5.0	1		Naphthalene	ND	50	1	
tert-Butylbenzene	ND	5.0	1		n-Propylbenzene	ND	5.0	1	
Carbon Disulfide	ND	50	1		Styrene	ND	5.0	1	
Carbon Tetrachloride	ND	5.0	1		1,1,1,2-Tetrachloroethane	ND	5.0	1	
Chlorobenzene	ND	5.0	1		1,1,2,2-Tetrachloroethane	ND	5.0	1	
Chloroethane	ND	5.0	1		Tetrachloroethene	ND	5.0	1	
Chloroform	ND	5.0	1		Toluene	ND	5.0	1	
Chloromethane	ND	25	1		1,2,3-Trichlorobenzene	ND	10	1	
2-Chlorotoluene	ND	5.0	1		1,2,4-Trichlorobenzene	ND	5.0	1	
4-Chlorotoluene	ND	5.0	1		1,1,1-Trichloroethane	ND	5.0	1	
Dibromochloromethane	ND	5.0	1		1,1,2-Trichloroethane	ND	5.0	1	
1,2-Dibromo-3-Chloropropane	ND	10	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	1	
1,2-Dibromoethane	ND	5.0	1		Trichloroethene	ND	5.0	1	
Dibromomethane	ND	5.0	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dichlorobenzene	ND	5.0	1		1,2,4-Trimethylbenzene	ND	5.0	1	
1,3-Dichlorobenzene	ND	5.0	1		Trichlorofluoromethane	ND	50	1	
1,4-Dichlorobenzene	ND	5.0	1		1,3,5-Trimethylbenzene	ND	5.0	1	
Dichlorodifluoromethane	ND	5.0	1		Vinyl Acetate	ND	50	1	
1,1-Dichloroethane	ND	5.0	1		Vinyl Chloride	ND	5.0	1	
1,2-Dichloroethane	ND	5.0	1		Xylenes (total)	ND	5.0	1	
1,1-Dichloroethene	ND	5.0	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
c-1,2-Dichloroethene	ND	5.0	1		Tert-Butyl Alcohol (TBA)	ND	50	1	
t-1,2-Dichloroethene	ND	5.0	1		Diisopropyl Ether (DIPE)	ND	10	1	
1,2-Dichloropropane	ND	5.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	10	1	
1,3-Dichloropropane	ND	5.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	10	1	
2,2-Dichloropropane	ND	5.0	1		Ethanol	ND	250	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	90	60-132		Dibromofluoromethane	104	63-141	
1,2-Dichloroethane-d4	110	62-146		Toluene-d8	103	80-120	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.		Date Received:	09/10/12
8281 Commonwealth Avenue		Work Order No:	12-09-0489
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/kg

Project: 20001 Brookhurst, Huntington Beach, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-796-6,352**	**N/A**	**Solid**	**GC/MS W**	**09/10/12**	**09/10/12 13:33**	**120910L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	12000	100		1,1-Dichloropropene	ND	500	100	
Benzene	ND	500	100		c-1,3-Dichloropropene	ND	500	100	
Bromobenzene	ND	500	100		t-1,3-Dichloropropene	ND	500	100	
Bromochloromethane	ND	500	100		Ethylbenzene	ND	500	100	
Bromodichloromethane	ND	500	100		2-Hexanone	ND	5000	100	
Bromoform	ND	500	100		Isopropylbenzene	ND	500	100	
Bromomethane	ND	2500	100		p-Isopropyltoluene	ND	500	100	
2-Butanone	ND	5000	100		Methylene Chloride	ND	5000	100	
n-Butylbenzene	ND	500	100		4-Methyl-2-Pentanone	ND	5000	100	
sec-Butylbenzene	ND	500	100		Naphthalene	ND	5000	100	
tert-Butylbenzene	ND	500	100		n-Propylbenzene	ND	500	100	
Carbon Disulfide	ND	5000	100		Styrene	ND	500	100	
Carbon Tetrachloride	ND	500	100		1,1,1,2-Tetrachloroethane	ND	500	100	
Chlorobenzene	ND	500	100		1,1,2,2-Tetrachloroethane	ND	500	100	
Chloroethane	ND	500	100		Tetrachloroethene	ND	500	100	
Chloroform	ND	500	100		Toluene	ND	500	100	
Chloromethane	ND	2500	100		1,2,3-Trichlorobenzene	ND	1000	100	
2-Chlorotoluene	ND	500	100		1,2,4-Trichlorobenzene	ND	500	100	
4-Chlorotoluene	ND	500	100		1,1,1-Trichloroethane	ND	500	100	
Dibromochloromethane	ND	500	100		1,1,2-Trichloroethane	ND	500	100	
1,2-Dibromo-3-Chloropropane	ND	1000	100		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	5000	100	
1,2-Dibromoethane	ND	500	100		Trichloroethene	ND	500	100	
Dibromomethane	ND	500	100		1,2,3-Trichloropropane	ND	500	100	
1,2-Dichlorobenzene	ND	500	100		1,2,4-Trimethylbenzene	ND	500	100	
1,3-Dichlorobenzene	ND	500	100		Trichlorofluoromethane	ND	5000	100	
1,4-Dichlorobenzene	ND	500	100		1,3,5-Trimethylbenzene	ND	500	100	
Dichlorodifluoromethane	ND	500	100		Vinyl Acetate	ND	5000	100	
1,1-Dichloroethane	ND	500	100		Vinyl Chloride	ND	500	100	
1,2-Dichloroethane	ND	500	100		Xylenes (total)	ND	500	100	
1,1-Dichloroethene	ND	500	100		Methyl-t-Butyl Ether (MTBE)	ND	500	100	
c-1,2-Dichloroethene	ND	500	100		Tert-Butyl Alcohol (TBA)	ND	5000	100	
t-1,2-Dichloroethene	ND	500	100		Diisopropyl Ether (DIPE)	ND	1000	100	
1,2-Dichloropropane	ND	500	100		Ethyl-t-Butyl Ether (ETBE)	ND	1000	100	
1,3-Dichloropropane	ND	500	100		Tert-Amyl-Methyl Ether (TAME)	ND	1000	100	
2,2-Dichloropropane	ND	500	100		Ethanol	ND	25000	100	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	95	60-132		Dibromofluoromethane	110	63-141	
1,2-Dichloroethane-d4	109	62-146		Toluene-d8	102	80-120	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.		Date Received:	09/10/12
8281 Commonwealth Avenue		Work Order No:	12-09-0489
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/kg

Project: 20001 Brookhurst, Huntington Beach, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-796-6,353**	**N/A**	**Solid**	**GC/MS W**	**09/10/12**	**09/10/12 13:03**	**120910L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	120	1		1,1-Dichloropropene	ND	5.0	1	
Benzene	ND	5.0	1		c-1,3-Dichloropropene	ND	5.0	1	
Bromobenzene	ND	5.0	1		t-1,3-Dichloropropene	ND	5.0	1	
Bromochloromethane	ND	5.0	1		Ethylbenzene	ND	5.0	1	
Bromodichloromethane	ND	5.0	1		2-Hexanone	ND	50	1	
Bromoform	ND	5.0	1		Isopropylbenzene	ND	5.0	1	
Bromomethane	ND	25	1		p-Isopropyltoluene	ND	5.0	1	
2-Butanone	ND	50	1		Methylene Chloride	ND	50	1	
n-Butylbenzene	ND	5.0	1		4-Methyl-2-Pentanone	ND	50	1	
sec-Butylbenzene	ND	5.0	1		Naphthalene	ND	50	1	
tert-Butylbenzene	ND	5.0	1		n-Propylbenzene	ND	5.0	1	
Carbon Disulfide	ND	50	1		Styrene	ND	5.0	1	
Carbon Tetrachloride	ND	5.0	1		1,1,1,2-Tetrachloroethane	ND	5.0	1	
Chlorobenzene	ND	5.0	1		1,1,2,2-Tetrachloroethane	ND	5.0	1	
Chloroethane	ND	5.0	1		Tetrachloroethene	ND	5.0	1	
Chloroform	ND	5.0	1		Toluene	ND	5.0	1	
Chloromethane	ND	25	1		1,2,3-Trichlorobenzene	ND	10	1	
2-Chlorotoluene	ND	5.0	1		1,2,4-Trichlorobenzene	ND	5.0	1	
4-Chlorotoluene	ND	5.0	1		1,1,1-Trichloroethane	ND	5.0	1	
Dibromochloromethane	ND	5.0	1		1,1,2-Trichloroethane	ND	5.0	1	
1,2-Dibromo-3-Chloropropane	ND	10	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	1	
1,2-Dibromoethane	ND	5.0	1		Trichloroethene	ND	5.0	1	
Dibromomethane	ND	5.0	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dichlorobenzene	ND	5.0	1		1,2,4-Trimethylbenzene	ND	5.0	1	
1,3-Dichlorobenzene	ND	5.0	1		Trichlorofluoromethane	ND	50	1	
1,4-Dichlorobenzene	ND	5.0	1		1,3,5-Trimethylbenzene	ND	5.0	1	
Dichlorodifluoromethane	ND	5.0	1		Vinyl Acetate	ND	50	1	
1,1-Dichloroethane	ND	5.0	1		Vinyl Chloride	ND	5.0	1	
1,2-Dichloroethane	ND	5.0	1		Xylenes (total)	ND	5.0	1	
1,1-Dichloroethene	ND	5.0	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
c-1,2-Dichloroethene	ND	5.0	1		Tert-Butyl Alcohol (TBA)	ND	50	1	
t-1,2-Dichloroethene	ND	5.0	1		Diisopropyl Ether (DIPE)	ND	10	1	
1,2-Dichloropropane	ND	5.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	10	1	
1,3-Dichloropropane	ND	5.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	10	1	
2,2-Dichloropropane	ND	5.0	1		Ethanol	ND	250	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	95	60-132		Dibromofluoromethane	107	63-141	
1,2-Dichloroethane-d4	107	62-146		Toluene-d8	101	80-120	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Wayne Perry, Inc.		Date Received:	09/10/12
8281 Commonwealth Avenue		Work Order No:	12-09-0489
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/kg

Project: 20001 Brookhurst, Huntington Beach, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-796-6,355**	**N/A**	**Solid**	**GC/MS R**	**09/11/12**	**09/11/12 13:13**	**120911L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	120	1		1,1-Dichloropropene	ND	5.0	1	
Benzene	ND	5.0	1		c-1,3-Dichloropropene	ND	5.0	1	
Bromobenzene	ND	5.0	1		t-1,3-Dichloropropene	ND	5.0	1	
Bromochloromethane	ND	5.0	1		Ethylbenzene	ND	5.0	1	
Bromodichloromethane	ND	5.0	1		2-Hexanone	ND	50	1	
Bromoform	ND	5.0	1		Isopropylbenzene	ND	5.0	1	
Bromomethane	ND	25	1		p-Isopropyltoluene	ND	5.0	1	
2-Butanone	ND	50	1		Methylene Chloride	ND	50	1	
n-Butylbenzene	ND	5.0	1		4-Methyl-2-Pentanone	ND	50	1	
sec-Butylbenzene	ND	5.0	1		Naphthalene	ND	50	1	
tert-Butylbenzene	ND	5.0	1		n-Propylbenzene	ND	5.0	1	
Carbon Disulfide	ND	50	1		Styrene	ND	5.0	1	
Carbon Tetrachloride	ND	5.0	1		1,1,1,2-Tetrachloroethane	ND	5.0	1	
Chlorobenzene	ND	5.0	1		1,1,2,2-Tetrachloroethane	ND	5.0	1	
Chloroethane	ND	5.0	1		Tetrachloroethene	ND	5.0	1	
Chloroform	ND	5.0	1		Toluene	ND	5.0	1	
Chloromethane	ND	25	1		1,2,3-Trichlorobenzene	ND	10	1	
2-Chlorotoluene	ND	5.0	1		1,2,4-Trichlorobenzene	ND	5.0	1	
4-Chlorotoluene	ND	5.0	1		1,1,1-Trichloroethane	ND	5.0	1	
Dibromochloromethane	ND	5.0	1		1,1,2-Trichloroethane	ND	5.0	1	
1,2-Dibromo-3-Chloropropane	ND	10	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	1	
1,2-Dibromoethane	ND	5.0	1		Trichloroethene	ND	5.0	1	
Dibromomethane	ND	5.0	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dichlorobenzene	ND	5.0	1		1,2,4-Trimethylbenzene	ND	5.0	1	
1,3-Dichlorobenzene	ND	5.0	1		Trichlorofluoromethane	ND	50	1	
1,4-Dichlorobenzene	ND	5.0	1		1,3,5-Trimethylbenzene	ND	5.0	1	
Dichlorodifluoromethane	ND	5.0	1		Vinyl Acetate	ND	50	1	
1,1-Dichloroethane	ND	5.0	1		Vinyl Chloride	ND	5.0	1	
1,2-Dichloroethane	ND	5.0	1		Xylenes (total)	ND	5.0	1	
1,1-Dichloroethene	ND	5.0	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
c-1,2-Dichloroethene	ND	5.0	1		Tert-Butyl Alcohol (TBA)	ND	50	1	
t-1,2-Dichloroethene	ND	5.0	1		Diisopropyl Ether (DIPE)	ND	10	1	
1,2-Dichloropropane	ND	5.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	10	1	
1,3-Dichloropropane	ND	5.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	10	1	
2,2-Dichloropropane	ND	5.0	1		Ethanol	ND	250	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	107	60-132		Dibromofluoromethane	107	63-141	
1,2-Dichloroethane-d4	123	62-146		Toluene-d8	99	80-120	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.		Date Received:	09/10/12
8281 Commonwealth Avenue		Work Order No:	12-09-0489
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/kg

Project: 20001 Brookhurst, Huntington Beach, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-796-6,359**	**N/A**	**Solid**	**GC/MS W**	**09/11/12**	**09/11/12 13:09**	**120911L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	120	1		1,1-Dichloropropene	ND	5.0	1	
Benzene	ND	5.0	1		c-1,3-Dichloropropene	ND	5.0	1	
Bromobenzene	ND	5.0	1		t-1,3-Dichloropropene	ND	5.0	1	
Bromochloromethane	ND	5.0	1		Ethylbenzene	ND	5.0	1	
Bromodichloromethane	ND	5.0	1		2-Hexanone	ND	50	1	
Bromoform	ND	5.0	1		Isopropylbenzene	ND	5.0	1	
Bromomethane	ND	25	1		p-Isopropyltoluene	ND	5.0	1	
2-Butanone	ND	50	1		Methylene Chloride	ND	50	1	
n-Butylbenzene	ND	5.0	1		4-Methyl-2-Pentanone	ND	50	1	
sec-Butylbenzene	ND	5.0	1		Naphthalene	ND	50	1	
tert-Butylbenzene	ND	5.0	1		n-Propylbenzene	ND	5.0	1	
Carbon Disulfide	ND	50	1		Styrene	ND	5.0	1	
Carbon Tetrachloride	ND	5.0	1		1,1,1,2-Tetrachloroethane	ND	5.0	1	
Chlorobenzene	ND	5.0	1		1,1,2,2-Tetrachloroethane	ND	5.0	1	
Chloroethane	ND	5.0	1		Tetrachloroethene	ND	5.0	1	
Chloroform	ND	5.0	1		Toluene	ND	5.0	1	
Chloromethane	ND	25	1		1,2,3-Trichlorobenzene	ND	10	1	
2-Chlorotoluene	ND	5.0	1		1,2,4-Trichlorobenzene	ND	5.0	1	
4-Chlorotoluene	ND	5.0	1		1,1,1-Trichloroethane	ND	5.0	1	
Dibromochloromethane	ND	5.0	1		1,1,2-Trichloroethane	ND	5.0	1	
1,2-Dibromo-3-Chloropropane	ND	10	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	1	
1,2-Dibromoethane	ND	5.0	1		Trichloroethene	ND	5.0	1	
Dibromomethane	ND	5.0	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dichlorobenzene	ND	5.0	1		1,2,4-Trimethylbenzene	ND	5.0	1	
1,3-Dichlorobenzene	ND	5.0	1		Trichlorofluoromethane	ND	50	1	
1,4-Dichlorobenzene	ND	5.0	1		1,3,5-Trimethylbenzene	ND	5.0	1	
Dichlorodifluoromethane	ND	5.0	1		Vinyl Acetate	ND	50	1	
1,1-Dichloroethane	ND	5.0	1		Vinyl Chloride	ND	5.0	1	
1,2-Dichloroethane	ND	5.0	1		Xylenes (total)	ND	5.0	1	
1,1-Dichloroethene	ND	5.0	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
c-1,2-Dichloroethene	ND	5.0	1		Tert-Butyl Alcohol (TBA)	ND	50	1	
t-1,2-Dichloroethene	ND	5.0	1		Diisopropyl Ether (DIPE)	ND	10	1	
1,2-Dichloropropane	ND	5.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	10	1	
1,3-Dichloropropane	ND	5.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	10	1	
2,2-Dichloropropane	ND	5.0	1		Ethanol	ND	250	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	94	60-132		Dibromofluoromethane	104	63-141	
1,2-Dichloroethane-d4	104	62-146		Toluene-d8	102	80-120	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Wayne Perry, Inc.		Date Received:	09/10/12
8281 Commonwealth Avenue		Work Order No:	12-09-0489
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/kg

Project: 20001 Brookhurst, Huntington Beach, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-796-6,361**	**N/A**	**Solid**	**GC/MS WW**	**09/11/12**	**09/11/12 14:25**	**120911L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	120	1		1,1-Dichloropropene	ND	5.0	1	
Benzene	ND	5.0	1		c-1,3-Dichloropropene	ND	5.0	1	
Bromobenzene	ND	5.0	1		t-1,3-Dichloropropene	ND	5.0	1	
Bromochloromethane	ND	5.0	1		Ethylbenzene	ND	5.0	1	
Bromodichloromethane	ND	5.0	1		2-Hexanone	ND	50	1	
Bromoform	ND	5.0	1		Isopropylbenzene	ND	5.0	1	
Bromomethane	ND	25	1		p-Isopropyltoluene	ND	5.0	1	
2-Butanone	ND	50	1		Methylene Chloride	ND	50	1	
n-Butylbenzene	ND	5.0	1		4-Methyl-2-Pentanone	ND	50	1	
sec-Butylbenzene	ND	5.0	1		Naphthalene	ND	50	1	
tert-Butylbenzene	ND	5.0	1		n-Propylbenzene	ND	5.0	1	
Carbon Disulfide	ND	50	1		Styrene	ND	5.0	1	
Carbon Tetrachloride	ND	5.0	1		1,1,1,2-Tetrachloroethane	ND	5.0	1	
Chlorobenzene	ND	5.0	1		1,1,2,2-Tetrachloroethane	ND	5.0	1	
Chloroethane	ND	5.0	1		Tetrachloroethene	ND	5.0	1	
Chloroform	ND	5.0	1		Toluene	ND	5.0	1	
Chloromethane	ND	25	1		1,2,3-Trichlorobenzene	ND	10	1	
2-Chlorotoluene	ND	5.0	1		1,2,4-Trichlorobenzene	ND	5.0	1	
4-Chlorotoluene	ND	5.0	1		1,1,1-Trichloroethane	ND	5.0	1	
Dibromochloromethane	ND	5.0	1		1,1,2-Trichloroethane	ND	5.0	1	
1,2-Dibromo-3-Chloropropane	ND	10	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	1	
1,2-Dibromoethane	ND	5.0	1		Trichloroethene	ND	5.0	1	
Dibromomethane	ND	5.0	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dichlorobenzene	ND	5.0	1		1,2,4-Trimethylbenzene	ND	5.0	1	
1,3-Dichlorobenzene	ND	5.0	1		Trichlorofluoromethane	ND	50	1	
1,4-Dichlorobenzene	ND	5.0	1		1,3,5-Trimethylbenzene	ND	5.0	1	
Dichlorodifluoromethane	ND	5.0	1		Vinyl Acetate	ND	50	1	
1,1-Dichloroethane	ND	5.0	1		Vinyl Chloride	ND	5.0	1	
1,2-Dichloroethane	ND	5.0	1		Xylenes (total)	ND	5.0	1	
1,1-Dichloroethene	ND	5.0	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
c-1,2-Dichloroethene	ND	5.0	1		Tert-Butyl Alcohol (TBA)	ND	50	1	
t-1,2-Dichloroethene	ND	5.0	1		Diisopropyl Ether (DIPE)	ND	10	1	
1,2-Dichloropropane	ND	5.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	10	1	
1,3-Dichloropropane	ND	5.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	10	1	
2,2-Dichloropropane	ND	5.0	1		Ethanol	ND	250	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	95	60-132		Dibromofluoromethane	103	63-141	
1,2-Dichloroethane-d4	96	62-146		Toluene-d8	97	80-120	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received:	09/10/12
Work Order No:	12-09-0489
Preparation:	Extraction
Method:	EPA 418.1M

Project 20001 Brookhurst, Huntington Beach, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
12-09-0390-1	**Sediment**	**IR 2**	**09/11/12**	**09/11/12**	**120911S02**

Parameter	SAMPLE CONC	SPIKE ADDED	MS CONC	MS %REC	MSD CONC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TRPH	ND	100.0	89.34	89	89.80	90	55-135	1	0-30	

RPD - Relative Percent Difference , CL - Control Limit

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Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

Wayne Perry, Inc.		Date Received:	09/10/12
8281 Commonwealth Avenue		Work Order No:	12-09-0489
Buena Park, CA 90621-2537		Preparation:	EPA 3550B
		Method:	EPA 8015B

Project 20001 Brookhurst, Huntington Beach, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
12-09-0427-19	Solid	GC 46	09/10/12	09/10/12	120910S10

Parameter	SAMPLE CONC	SPIKE ADDED	MS CONC	MS %REC	MSD CONC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Diesel Range Organics	33.08	400.0	427.7	99	461.3	107	64-130	8	0-15	

RPD - Relative Percent Difference , CL - Control Limit

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Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Accredited in accordance with nelac

Wayne Perry, Inc.		Date Received:	09/10/12
8281 Commonwealth Avenue		Work Order No:	12-09-0489
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	EPA 8015B (M)

Project 20001 Brookhurst, Huntington Beach, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
12-09-0469-1	Solid	GC 22	09/10/12	09/11/12	120910S01

Parameter	SAMPLE CONC	SPIKE ADDED	MS CONC	MS %REC	MSD CONC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	ND	10.00	8.545	85	8.500	85	48-114	1	0-23	

RPD - Relative Percent Difference , CL - Control Limit

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Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Wayne Perry, Inc.		Date Received:	09/10/12
8281 Commonwealth Avenue		Work Order No:	12-09-0489
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	EPA 8015B (M)

Project 20001 Brookhurst, Huntington Beach, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
PL-5-d3	**Solid**	**GC 25**	**09/10/12**	**09/11/12**	**120910S02**

Parameter	SAMPLE CONC	SPIKE ADDED	MS CONC	MS %REC	MSD CONC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	ND	10.00	9.277	93	9.418	94	48-114	2	0-23	

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RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received: 09/10/12
Work Order No: 12-09-0489
Preparation: EPA 5030C
Method: EPA 8260B

Project 20001 Brookhurst, Huntington Beach, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
12-09-0469-1	Solid	GC/MS W	09/10/12	09/10/12	120910S01

Parameter	SAMPLE CONC	SPIKE ADDED	MS CONC	MS %REC	MSD CONC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	ND	50.00	45.85	92	42.37	85	61-127	8	0-20	
Carbon Tetrachloride	ND	50.00	39.26	79	34.82	70	51-135	12	0-29	
Chlorobenzene	ND	50.00	43.45	87	39.51	79	57-123	10	0-20	
1,2-Dibromoethane	ND	50.00	44.57	89	39.58	79	64-124	12	0-20	
1,2-Dichlorobenzene	ND	50.00	44.09	88	40.42	81	35-131	9	0-25	
1,2-Dichloroethane	ND	50.00	38.62	77	35.26	71	80-120	9	0-20	3
1,1-Dichloroethene	ND	50.00	38.77	78	34.65	69	47-143	11	0-25	
Ethylbenzene	ND	50.00	44.81	90	40.85	82	57-129	9	0-22	
Toluene	ND	50.00	47.28	95	43.49	87	63-123	8	0-20	
Trichloroethene	ND	50.00	46.08	92	42.74	85	44-158	8	0-20	
Vinyl Chloride	ND	50.00	43.39	87	40.17	80	49-139	8	0-47	
Xylenes (total)	ND	150.0	137.7	92	126.6	84	70-130	8	0-30	
Methyl-t-Butyl Ether (MTBE)	ND	50.00	43.00	86	38.63	77	57-123	11	0-21	
Tert-Butyl Alcohol (TBA)	ND	250.0	234.1	94	212.2	85	30-168	10	0-34	
Diisopropyl Ether (DIPE)	ND	50.00	49.28	99	45.08	90	57-129	9	0-20	
Ethyl-t-Butyl Ether (ETBE)	ND	50.00	48.22	96	43.82	88	55-127	10	0-20	
Tert-Amyl-Methyl Ether (TAME)	ND	50.00	46.82	94	43.28	87	58-124	8	0-20	
Ethanol	ND	500.0	498.8	100	501.6	100	17-167	1	0-47	

Return to Contents

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Accredited in accordance with nelac

Wayne Perry, Inc.		Date Received:	09/10/12
8281 Commonwealth Avenue		Work Order No:	12-09-0489
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	EPA 8260B

Project 20001 Brookhurst, Huntington Beach, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
12-09-0467-3	Solid	GC/MS R	09/10/12	09/11/12	120911S01

Parameter	SAMPLE CONC	SPIKE ADDED	MS CONC	MS %REC	MSD CONC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	ND	25000	23460	94	23930	96	61-127	2	0-20	
Carbon Tetrachloride	ND	25000	28860	115	28280	113	51-135	2	0-29	
Chlorobenzene	ND	25000	24110	96	24420	98	57-123	1	0-20	
1,2-Dibromoethane	ND	25000	24980	100	25130	101	64-124	1	0-20	
1,2-Dichlorobenzene	ND	25000	24770	99	25180	101	35-131	2	0-25	
1,2-Dichloroethane	ND	25000	29340	117	28900	116	80-120	2	0-20	
1,1-Dichloroethene	ND	25000	21470	86	21410	86	47-143	0	0-25	
Ethylbenzene	ND	25000	24780	99	25240	101	57-129	2	0-22	
Toluene	ND	25000	24150	97	25220	101	63-123	4	0-20	
Trichloroethene	ND	25000	25610	102	26100	104	44-158	2	0-20	
Vinyl Chloride	ND	25000	27140	109	26540	106	49-139	2	0-47	
Xylenes (total)	ND	75000	77790	104	78830	105	70-130	1	0-30	
Methyl-t-Butyl Ether (MTBE)	ND	25000	23940	96	23310	93	57-123	3	0-21	
Tert-Butyl Alcohol (TBA)	ND	125000	125200	100	131900	106	30-168	5	0-34	
Diisopropyl Ether (DIPE)	ND	25000	21850	87	21540	86	57-129	1	0-20	
Ethyl-t-Butyl Ether (ETBE)	ND	25000	23630	95	23850	95	55-127	1	0-20	
Tert-Amyl-Methyl Ether (TAME)	ND	25000	27390	110	28670	115	58-124	5	0-20	
Ethanol	ND	250000	0.0000	0	0.0000	0	17-167	0	0-47	3

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RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

Wayne Perry, Inc.		Date Received:	09/10/12
8281 Commonwealth Avenue		Work Order No:	12-09-0489
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	EPA 8260B

Project 20001 Brookhurst, Huntington Beach, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
H4-d8	Solid	GC/MS W	09/10/12	09/11/12	120911S01

Parameter	SAMPLE CONC	SPIKE ADDED	MS CONC	MS %REC	MSD CONC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	ND	50.00	43.13	86	47.78	96	61-127	10	0-20	
Carbon Tetrachloride	ND	50.00	38.72	77	42.90	86	51-135	10	0-29	
Chlorobenzene	ND	50.00	39.52	79	44.55	89	57-123	12	0-20	
1,2-Dibromoethane	ND	50.00	39.22	78	46.26	93	64-124	16	0-20	
1,2-Dichlorobenzene	ND	50.00	36.17	72	42.64	85	35-131	16	0-25	
1,2-Dichloroethane	ND	50.00	40.02	80	42.85	86	80-120	7	0-20	
1,1-Dichloroethene	ND	50.00	35.83	72	40.38	81	47-143	12	0-25	
Ethylbenzene	ND	50.00	43.61	87	49.62	99	57-129	13	0-22	
Toluene	ND	50.00	44.92	90	48.80	98	63-123	8	0-20	
Trichloroethene	ND	50.00	42.18	84	49.17	98	44-158	15	0-20	
Vinyl Chloride	ND	50.00	36.33	73	48.07	96	49-139	28	0-47	
Xylenes (total)	ND	150.0	139.5	93	155.3	104	70-130	11	0-30	
Methyl-t-Butyl Ether (MTBE)	ND	50.00	37.28	75	40.40	81	57-123	8	0-21	
Tert-Butyl Alcohol (TBA)	ND	250.0	215.5	86	199.3	80	30-168	8	0-34	
Diisopropyl Ether (DIPE)	ND	50.00	41.14	82	46.67	93	57-129	13	0-20	
Ethyl-t-Butyl Ether (ETBE)	ND	50.00	41.09	82	46.38	93	55-127	12	0-20	
Tert-Amyl-Methyl Ether (TAME)	ND	50.00	43.29	87	47.93	96	58-124	10	0-20	
Ethanol	ND	500.0	585.3	117	494.8	99	17-167	17	0-47	

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RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

Wayne Perry, Inc.		Date Received:	09/10/12
8281 Commonwealth Avenue		Work Order No:	12-09-0489
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	EPA 8260B

Project 20001 Brookhurst, Huntington Beach, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
12-09-0008-1	Solid	GC/MS WW	09/01/12	09/11/12	120911S01

Parameter	SAMPLE CONC	SPIKE ADDED	MS CONC	MS %REC	MSD CONC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	ND	5000	5485	110	5452	109	61-127	1	0-20	
1,2-Dichloroethane	ND	5000	5419	108	5293	106	80-120	2	0-20	
1,1-Dichloroethene	ND	5000	4135	83	3825	76	47-143	8	0-25	
Toluene	ND	5000	5412	108	5354	107	63-123	1	0-20	
Trichloroethene	ND	5000	5688	114	5760	115	44-158	1	0-20	
Xylenes (total)	216.1	3000	16090	529	15950	524	70-130	1	0-30	3
Methyl-t-Butyl Ether (MTBE)	ND	5000	3750	75	3896	78	57-123	4	0-21	
Ethanol	ND	50000	266300	533	271900	544	17-167	2	0-47	3

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RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Laboratory Control Sample

Wayne Perry, Inc.		Date Received:	N/A
8281 Commonwealth Avenue		Work Order No:	12-09-0489
Buena Park, CA 90621-2537		Preparation:	Extraction
		Method:	EPA 418.1M

Project: 20001 Brookhurst, Huntington Beach, CA

Quality Control Sample ID	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number
099-07-015-1,875	Solid	IR 2	09/11/12	NONE	120911L02

Parameter	Conc Added	Conc Recovered	LCS %Rec	%Rec CL	Qualifiers
TRPH	100.0	90.63	91	70-130	

RPD - Relative Percent Difference , CL - Control Limit

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Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

Wayne Perry, Inc.		Date Received:	N/A
8281 Commonwealth Avenue		Work Order No:	12-09-0489
Buena Park, CA 90621-2537		Preparation:	EPA 3550B
		Method:	EPA 8015B

Project: 20001 Brookhurst, Huntington Beach, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-15-414-57	Solid	GC 46	09/10/12	09/10/12	120910B10

Parameter	SPIKE ADDED	LCS CONC	LCS %REC	LCSD CONC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Diesel Range Organics	400.0	404.8	101	387.4	97	75-123	4	0-12	

RPD - Relative Percent Difference , CL - Control Limit

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Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Wayne Perry, Inc.		Date Received:	N/A
8281 Commonwealth Avenue		Work Order No:	12-09-0489
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	EPA 8015B (M)

Project: 20001 Brookhurst, Huntington Beach, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-14-571-511	Solid	GC 25	09/10/12	09/11/12	120910B03

Parameter	SPIKE ADDED	LCS CONC	LCS %REC	LCSD CONC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	10.00	10.33	103	10.95	110	70-124	6	0-18	

RPD - Relative Percent Difference , CL - Control Limit

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Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

Wayne Perry, Inc.		Date Received:	N/A
8281 Commonwealth Avenue		Work Order No:	12-09-0489
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	EPA 8015B (M)

Project: 20001 Brookhurst, Huntington Beach, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-14-571-508	Solid	GC 22	09/10/12	09/10/12	120910B01

Parameter	SPIKE ADDED	LCS CONC	LCS %REC	LCSD CONC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	10.00	8.857	89	8.523	85	70-124	4	0-18	

RPD - Relative Percent Difference , CL - Control Limit

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Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

Wayne Perry, Inc.		Date Received:	N/A
8281 Commonwealth Avenue		Work Order No:	12-09-0489
Buena Park, CA 90621-2537		Preparation:	EPA 5030C
		Method:	EPA 8015B (M)

Project: 20001 Brookhurst, Huntington Beach, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-14-571-510	Solid	GC 25	09/10/12	09/11/12	120910B02

Parameter	SPIKE ADDED	LCS CONC	LCS %REC	LCSD CONC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	10.00	10.33	103	10.95	110	70-124	6	0-18	

RPD - Relative Percent Difference , CL - Control Limit

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Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received: N/A
Work Order No: 12-09-0489
Preparation: EPA 5030C
Method: EPA 8260B

Project: 20001 Brookhurst, Huntington Beach, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-796-6,353	Solid	GC/MS W	09/10/12	09/10/12	120910L01

Parameter	SPIKE ADDED	LCS CONC	LCS %REC	LCSD CONC	LCSD %REC	%REC CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	50.00	55.59	111	49.83	100	78-120	71-127	11	0-20	
Carbon Tetrachloride	50.00	51.67	103	47.12	94	49-139	34-154	9	0-20	
Chlorobenzene	50.00	51.79	104	45.87	92	79-120	72-127	12	0-20	
1,2-Dibromoethane	50.00	53.41	107	47.64	95	80-120	73-127	11	0-20	
1,2-Dichlorobenzene	50.00	53.53	107	46.87	94	75-120	68-128	13	0-20	
1,2-Dichloroethane	50.00	52.01	104	46.15	92	80-120	73-127	12	0-20	
1,1-Dichloroethene	50.00	48.27	97	43.41	87	74-122	66-130	11	0-20	
Ethylbenzene	50.00	55.15	110	50.66	101	76-120	69-127	8	0-20	
Toluene	50.00	56.89	114	51.09	102	77-120	70-127	11	0-20	
Trichloroethene	50.00	55.04	110	48.67	97	80-120	73-127	12	0-20	
Vinyl Chloride	50.00	52.92	106	46.31	93	68-122	59-131	13	0-20	
Xylenes (total)	150.0	172.7	115	157.7	105	75-125	67-133	9	0-25	
Methyl-t-Butyl Ether (MTBE)	50.00	52.99	106	46.57	93	77-120	70-127	13	0-20	
Tert-Butyl Alcohol (TBA)	250.0	268.1	107	255.5	102	68-122	59-131	5	0-20	
Diisopropyl Ether (DIPE)	50.00	57.55	115	51.09	102	78-120	71-127	12	0-20	
Ethyl-t-Butyl Ether (ETBE)	50.00	58.57	117	51.45	103	78-120	71-127	13	0-20	
Tert-Amyl-Methyl Ether (TAME)	50.00	58.26	117	52.45	105	75-120	68-128	10	0-20	
Ethanol	500.0	547.4	109	541.3	108	56-140	42-154	1	0-20	

Total number of LCS compounds : 18
Total number of ME compounds : 0
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

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RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received: N/A
Work Order No: 12-09-0489
Preparation: EPA 5030C
Method: EPA 8260B

Project: 20001 Brookhurst, Huntington Beach, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-796-6,352	Solid	GC/MS W	09/10/12	09/10/12	120910L02

Parameter	SPIKE ADDED	LCS CONC	LCS %REC	LCSD CONC	LCSD %REC	%REC CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	50.00	55.59	111	49.83	100	78-120	71-127	11	0-20	
Carbon Tetrachloride	50.00	51.67	103	47.12	94	49-139	34-154	9	0-20	
Chlorobenzene	50.00	51.79	104	45.87	92	79-120	72-127	12	0-20	
1,2-Dibromoethane	50.00	53.41	107	47.64	95	80-120	73-127	11	0-20	
1,2-Dichlorobenzene	50.00	53.53	107	46.87	94	75-120	68-128	13	0-20	
1,2-Dichloroethane	50.00	52.01	104	46.15	92	80-120	73-127	12	0-20	
1,1-Dichloroethene	50.00	48.27	97	43.41	87	74-122	66-130	11	0-20	
Ethylbenzene	50.00	55.15	110	50.66	101	76-120	69-127	8	0-20	
Toluene	50.00	56.89	114	51.09	102	77-120	70-127	11	0-20	
Trichloroethene	50.00	55.04	110	48.67	97	80-120	73-127	12	0-20	
Vinyl Chloride	50.00	52.92	106	46.31	93	68-122	59-131	13	0-20	
Xylenes (total)	150.0	172.7	115	157.7	105	75-125	67-133	9	0-25	
Methyl-t-Butyl Ether (MTBE)	50.00	52.99	106	46.57	93	77-120	70-127	13	0-20	
Tert-Butyl Alcohol (TBA)	250.0	268.1	107	255.5	102	68-122	59-131	5	0-20	
Diisopropyl Ether (DIPE)	50.00	57.55	115	51.09	102	78-120	71-127	12	0-20	
Ethyl-t-Butyl Ether (ETBE)	50.00	58.57	117	51.45	103	78-120	71-127	13	0-20	
Tert-Amyl-Methyl Ether (TAME)	50.00	58.26	117	52.45	105	75-120	68-128	10	0-20	
Ethanol	500.0	547.4	109	541.3	108	56-140	42-154	1	0-20	

Total number of LCS compounds : 18
Total number of ME compounds : 0
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

Return to Contents

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received: N/A
Work Order No: 12-09-0489
Preparation: EPA 5030C
Method: EPA 8260B

Project: 20001 Brookhurst, Huntington Beach, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-796-6,355	Solid	GC/MS R	09/11/12	09/11/12	120911L01

Parameter	SPIKE ADDED	LCS CONC	LCS %REC	LCSD CONC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	50.00	47.34	95	47.68	95	78-120	71-127	1	0-20	
Carbon Tetrachloride	50.00	62.93	126	65.00	130	49-139	34-154	3	0-20	
Chlorobenzene	50.00	49.42	99	50.01	100	79-120	72-127	1	0-20	
1,2-Dibromoethane	50.00	53.13	106	52.47	105	80-120	73-127	1	0-20	
1,2-Dichlorobenzene	50.00	48.78	98	49.98	100	75-120	68-128	2	0-20	
1,2-Dichloroethane	50.00	65.34	131	63.82	128	80-120	73-127	2	0-20	X
1,1-Dichloroethene	50.00	46.77	94	47.66	95	74-122	66-130	2	0-20	
Ethylbenzene	50.00	50.36	101	50.88	102	76-120	69-127	1	0-20	
Toluene	50.00	48.84	98	49.30	99	77-120	70-127	1	0-20	
Trichloroethene	50.00	53.83	108	53.75	107	80-120	73-127	0	0-20	
Vinyl Chloride	50.00	48.76	98	49.57	99	68-122	59-131	2	0-20	
Xylenes (total)	150.0	157.0	105	158.1	105	75-125	67-133	1	0-25	
Methyl-t-Butyl Ether (MTBE)	50.00	51.10	102	52.32	105	77-120	70-127	2	0-20	
Tert-Butyl Alcohol (TBA)	250.0	259.0	104	260.6	104	68-122	59-131	1	0-20	
Diisopropyl Ether (DIPE)	50.00	44.79	90	46.33	93	78-120	71-127	3	0-20	
Ethyl-t-Butyl Ether (ETBE)	50.00	50.68	101	51.79	104	78-120	71-127	2	0-20	
Tert-Amyl-Methyl Ether (TAME)	50.00	52.46	105	52.71	105	75-120	68-128	0	0-20	
Ethanol	500.0	442.0	88	432.1	86	56-140	42-154	2	0-20	

Total number of LCS compounds : 18
Total number of ME compounds : 0
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

Return to Contents

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received: N/A
Work Order No: 12-09-0489
Preparation: EPA 5030C
Method: EPA 8260B

Project: 20001 Brookhurst, Huntington Beach, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-796-6,359	Solid	GC/MS W	09/11/12	09/11/12	120911L01

Parameter	SPIKE ADDED	LCS CONC	LCS %REC	LCSD CONC	LCSD %REC	%REC CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	50.00	50.37	101	51.88	104	78-120	71-127	3	0-20	
Carbon Tetrachloride	50.00	43.48	87	44.21	88	49-139	34-154	2	0-20	
Chlorobenzene	50.00	49.82	100	52.17	104	79-120	72-127	5	0-20	
1,2-Dibromoethane	50.00	51.29	103	55.52	111	80-120	73-127	8	0-20	
1,2-Dichlorobenzene	50.00	53.91	108	56.19	112	75-120	68-128	4	0-20	
1,2-Dichloroethane	50.00	43.22	86	45.90	92	80-120	73-127	6	0-20	
1,1-Dichloroethene	50.00	42.16	84	42.99	86	74-122	66-130	2	0-20	
Ethylbenzene	50.00	53.01	106	55.54	111	76-120	69-127	5	0-20	
Toluene	50.00	51.78	104	53.43	107	77-120	70-127	3	0-20	
Trichloroethene	50.00	49.40	99	50.68	101	80-120	73-127	3	0-20	
Vinyl Chloride	50.00	47.63	95	51.13	102	68-122	59-131	7	0-20	
Xylenes (total)	150.0	164.6	110	169.7	113	75-125	67-133	3	0-25	
Methyl-t-Butyl Ether (MTBE)	50.00	47.77	96	49.40	99	77-120	70-127	3	0-20	
Tert-Butyl Alcohol (TBA)	250.0	260.5	104	280.3	112	68-122	59-131	7	0-20	
Diisopropyl Ether (DIPE)	50.00	51.18	102	52.28	105	78-120	71-127	2	0-20	
Ethyl-t-Butyl Ether (ETBE)	50.00	52.10	104	53.45	107	78-120	71-127	3	0-20	
Tert-Amyl-Methyl Ether (TAME)	50.00	52.70	105	55.27	111	75-120	68-128	5	0-20	
Ethanol	500.0	528.4	106	526.1	105	56-140	42-154	0	0-20	

Total number of LCS compounds : 18
Total number of ME compounds : 0
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

Return to Contents

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received: N/A
Work Order No: 12-09-0489
Preparation: EPA 5030C
Method: EPA 8260B

Project: 20001 Brookhurst, Huntington Beach, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-796-6,361	Solid	GC/MS WW	09/11/12	09/11/12	120911L01

Parameter	SPIKE ADDED	LCS CONC	LCS %REC	LCSD CONC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	50.00	53.20	106	53.27	107	78-120	71-127	0	0-20	
Carbon Tetrachloride	50.00	52.39	105	52.18	104	49-139	34-154	0	0-20	
Chlorobenzene	50.00	51.02	102	51.30	103	79-120	72-127	1	0-20	
1,2-Dibromoethane	50.00	55.39	111	53.47	107	80-120	73-127	4	0-20	
1,2-Dichlorobenzene	50.00	51.84	104	51.65	103	75-120	68-128	0	0-20	
1,2-Dichloroethane	50.00	54.25	109	53.25	106	80-120	73-127	2	0-20	
1,1-Dichloroethene	50.00	42.09	84	42.43	85	74-122	66-130	1	0-20	
Ethylbenzene	50.00	50.72	101	51.11	102	76-120	69-127	1	0-20	
Toluene	50.00	53.43	107	53.09	106	77-120	70-127	1	0-20	
Trichloroethene	50.00	52.77	106	52.13	104	80-120	73-127	1	0-20	
Vinyl Chloride	50.00	46.26	93	48.92	98	68-122	59-131	6	0-20	
Xylenes (total)	150.0	155.9	104	157.4	105	75-125	67-133	1	0-25	
Methyl-t-Butyl Ether (MTBE)	50.00	41.93	84	39.86	80	77-120	70-127	5	0-20	
Tert-Butyl Alcohol (TBA)	250.0	279.8	112	263.4	105	68-122	59-131	6	0-20	
Diisopropyl Ether (DIPE)	50.00	45.43	91	40.45	81	78-120	71-127	12	0-20	
Ethyl-t-Butyl Ether (ETBE)	50.00	42.71	85	37.84	76	78-120	71-127	12	0-20	ME
Tert-Amyl-Methyl Ether (TAME)	50.00	47.43	95	44.25	89	75-120	68-128	7	0-20	
Ethanol	500.0	500.5	100	540.9	108	56-140	42-154	8	0-20	

Total number of LCS compounds : 18
Total number of ME compounds : 1
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

Return to Contents

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 12-09-0489

Qualifier	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported without further clarification.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
ME	LCS/LCSD Recovery Percentage is within Marginal Exceedance (ME) Control Limit range.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.
MPN - Most Probable Number

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CHAIN OF CUSTODY RECORD

WO # / LAB USE ONLY: **12-09-0489**

Date: 9/10/12

Page 1 of 3

LABORATORY CLIENT: Wayne Perry Inc.

ADDRESS: 8281 Commonwealth Ave

CITY: Buena Park STATE: CA ZIP: 90621

TEL: 714-826-0352 E-MAIL: crodriguez@wpinc.com cc: andrew.ewing@urs.com

CLIENT PROJECT NAME / NUMBER: 20001 Brookhurst, Huntington Beach

P.O. NO.:

PROJECT CONTACT: Erica Rodriguez (WPI) Andrew Ewing (URS)

SAMPLER(S): (PRINT) Andrew Ewing

TURNAROUND TIME: ☐ SAME DAY ☒ 24 HR ☐ 48 HR ☐ 72 HR ☐ STANDARD

☐ COELT EDF GLOBAL ID LOG CODE

SPECIAL INSTRUCTIONS: Results to crodriguez@wpinc.com cc. andrew.ewing@urs.com

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	TPH (g) or GRO 8015M	TPH (d) or DRO or (C6-C36) or (C6-C44)	TPH ( )	BTEX / MTBE (8260) or ( )	VOCs (8260) + Ethanol	Oxygenates (8260)	En Core / Terra Core Prep (5035)	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PNAs (8310) or (8270)	T22 Metals (6010B/747X)	Cr(VI) [7196 or 7199 or 218.6]	TRPH 418.1				
1	D4-d3	9/10/12	1110	Soil	Jr.	X			X				X													
2	D3-d3	"	1103	"	"	X			X				X													
3	D1-d3	"	1036	"	"	X			X				X													
4	D2-d3	"	1051	"	"	X			X				X													
5	PL-1-d3	"	1043	"	"	X			X				X													
6	PL-3-d3	"	1108	"	"	X			X				X													
7	PL-5-d3	"	1130	"	"	X			X				X													
8	PL4-d3	"	1123	"	"	X			X				X													
9	PL2-d3	"	1053	"	"	X			X				X													
10	PL-6-d3	"	1305	"	"	X			X				X													

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
[signature]	Dannyle CEL	9/10/12	16:13
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

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WO # / LAB USE ONLY: 12-09-0489

Date: 9/10/12

Page 2 of 3

LABORATORY CLIENT: Wayne Perry Inc.

ADDRESS: 8281 Commonwealth Ave

CITY: Buena Park STATE: CA ZIP: 90621

TEL: 714-826-0352 E-MAIL: crodriguez@wpinc.com

CLIENT PROJECT NAME / NUMBER: 20001 Brookhurst, Huntington Beach CA

P.O. NO.:

PROJECT CONTACT: Erica Rodriguez 714-826-0352

SAMPLER(S): (PRINT) Andrew Ewing

TURNAROUND TIME: ☐ SAME DAY ☒ 24 HR ☐ 48 HR ☐ 72 HR ☐ STANDARD

☐ COELT EDF GLOBAL ID LOG CODE

SPECIAL INSTRUCTIONS:
e-mail results to:
crodriguez@wpinc.com
andrew.ewing@urs.com

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	TPH (g) or GRO	TPH (d) or DRO or (C6-C36) or (C6-C44) 8015M	TPH ( )	BTEX / MTBE (8260) or ( )	VOCs (8260) + Ethanol	Oxygenates (8260)	En Core / Terra Core Prep (5035)	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PNAs (8310) or (8270)	T22 Metals (6010B/747X)	Cr(VI) [7196 or 7199 or 218.6]	TRPH 418.1				
11	T1-SWN	9/10/12	1238	Soil	3 jr.	X			X				X													
12	T2-SWN	"	1243	"	"	X			X				X													
13	T3-SWN	"	1247	"	"	X			X				X													
14	SP-1	"	1234	"	"	X			X				X													
15	SP-2	"	1219	"	"	X			X				X													
16	WO-SW-N	" AE	1205	"	"	X			X	X			X									X				
17	WO-SW-S	"	1210	"	"	X			X	X			X									X				
18	H1-d10	"	1315	"	"	X			X	X			X									X				
19	H2-d10	"	1323	"	"	X			X	X			X									X				
20	H3-d8	"	1334	"	"	X			X	X			X									X				

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
[signature]	Dannyle CEL	9/10/12	16:13
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

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CHAIN OF CUSTODY RECORD

WO # / LAB USE ONLY: 12-09-0489

Date: 9/10/12

Page 3 of 3

LABORATORY CLIENT: Wayne Perry Inc.

ADDRESS: 8281 Commonwealth Ave.

CITY: Buena Park STATE: CA ZIP: 90621

TEL: 714-826-0352 E-MAIL: erodriguez@wpi-c.com

CLIENT PROJECT NAME / NUMBER: ~~Erica Rodriguez (714-826-0352)~~ 20001 Brookhurst Huntington Beach

PROJECT CONTACT: Erica Rodriguez (714-826-0352)

P.O. NO.:

SAMPLER(S): (PRINT) Andrew Ewing

TURNAROUND TIME: ☐ SAME DAY ☒ 24 HR ☐ 48 HR ☐ 72 HR ☐ STANDARD

☐ COELT EDF GLOBAL ID LOG CODE

SPECIAL INSTRUCTIONS:
e-mail results to:
erodriguez@wpi-c.com
andrew.ewing@us.com

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	TPH (g) or GRO	TPH (d) or DRO or (C6C36) or (C8-C44) 8015M	TPH ( )	BTEX / MTBE (8260) or ( )	VOCs (8260) + Ethanol	Oxygenates (8260)	En Core / Terra Core Prep (5035)	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PNAs (8310) or (8270)	T22 Metals (6010B/747X)	Cr(VI) [7196 or 7199 or 218.6]	TPH 418.1				
21	H4-d8	9.10.12	1340	Soil	Jr	X			X	X			X									X				

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
[signature]	Dannyle CEL	9/10/12	16:13
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

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Calscience Environmental Laboratories, Inc.

WORK ORDER #: 12-09-0489

SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: WPI

DATE: 09/10/12

TEMPERATURE: Thermometer ID: SC2 (Criteria: 0.0 °C – 6.0 °C, not frozen)

Temperature 4.8 °C - 0.3 °C (CF) = 4.5 °C ☐ Blank ☑ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____).

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ **Received at ambient temperature, placed on ice for transport by Courier.**

Ambient Temperature: ☐ Air ☐ Filter Initial: DL

CUSTODY SEALS INTACT:

☐ Cooler ☐_____ ☐ No (Not Intact) ☑ Not Present ☐ N/A Initial: DL

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present Initial: N

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Collection date/time, matrix, and/or # of containers logged in based on sample labels.			
☐ No analysis requested. ☐ Not relinquished. ☐ No date/time relinquished.			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and good condition	☑	☐	☐
Proper containers and sufficient volume for analyses requested	☑	☐	☐
Analyses received within holding time	☑	☐	☐
pH / Res. Chlorine / Diss. Sulfide / Diss. Oxygen received within 24 hours	☐	☐	☑
Proper preservation noted on COC or sample container	☐	☐	☑
☐ Unpreserved vials received for Volatiles analysis			
Volatile analysis container(s) free of headspace	☐	☐	☑
Tedlar bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE:

Solid: ☑4ozCGJ ☐8ozCGJ ☐16ozCGJ ☐Sleeve (_____) ☐EnCores® ☐TerraCores® ☐_____

Water: ☐VOA ☐VOAh ☐VOAna_2 ☐125AGB ☐125AGBh ☐125AGBp ☐1AGB ☐1AGBna_2 ☐1AGBs ☐500AGB ☐500AGJ ☐500AGJs ☐250AGB ☐250CGB ☐250CGBs ☐1PB ☐1PBna ☐500PB ☐250PB ☐250PBn ☐125PB ☐125PBznna ☐100PJ ☐100PJna_2 ☐_____ ☐_____ ☐_____

Air: ☐Tedlar® ☐Summa® **Other:** ☐_____ **Trip Blank Lot#:**_____ **Labeled/Checked by:** N

Container: C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag E: Envelope **Reviewed by:** DL

Preservative: h: HCL n: HNO_3 na_2: $Na_2S_2O_3$ na: NaOH p: H_3PO_4 s: H_2SO_4 u: Ultra-pure znna: $ZnAc_2$+NaOH f: Filtered **Scanned by:** DL

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WAYNE PERRY, INC.
Environmental Remediation, Construction and Consulting

January 25, 2012

Orange County Health Care Agency
Environmental Health Division
1241 East Dyer Road
Santa Ana, California 92705-5611

Attention: Geniece Higgins

SUBJECT: WORK PLAN FOR ADDITIONAL SITE ASSESSMENT
SHELL-BRANDED SERVICE STATION
20001 BROOKHURST STREET (at Adams Avenue)
HUNTINGTON BEACH, CALIFORNIA
AGENCY FILE NUMBER: 89UT167
SAP CODE: 135372
WAYNE PERRY INC. PROJECT NUMBER: 11.236

Dear Ms. Higgins:

A confirmation boring assessment was performed in November 2011 at the Shell-branded service station located at 20001 Brookhurst Street (at Adams Avenue) in Huntington Beach, California (site). Data from the assessment show volatile organic compounds at concentrations above 10,000 µg/kg (BTEX constituents) in the 5- and/or 10-foot soil samples from borings CB-2 to SB-5 and SB-8. Groundwater data show dissolved-phase hydrocarbons were present at concentrations below the low risk closure levels. Based on the data, Wayne Perry Inc. determined that additional remedial activities were not necessary and that a revised closure request would be submitted to the

8281 Commonwealth Ave. Buena Park, California 90621 Phone (714) 826-0352 (800) 883-0352 Fax (714) 523-7880

Orange County Local Oversight Program (OCLOP) for review. In correspondence dated January 12, 2012, the OCLOP noted an apparent disparity between the hydrocarbon concentrations in the soil and groundwater and noted that the site was going to be redeveloped and as such, a soil vapor survey would have to be performed prior to considering the requirements for redevelopment. Based on their review, the OCLOP requested a work plan for depth discrete sampling near CB-3 to CB-5 and completion of a soil vapor survey. Accordingly, Wayne Perry Inc. on behalf of on behalf of Shell Oil Products US (Shell) is submitting this work plan.

SITE DESCRIPTION

The site is located at the southwest corner of the intersection of Adams Avenue and Brookhurst Street in Huntington Beach, California (Figure 1). There is a Shell-branded service station at the site with three 12,000-gallon double-walled fiberglass gasoline underground storage tanks (USTs), one 550-gallon single-walled fiberglass waste-oil UST, four dispenser islands, and a station building with three service bays (Figure 2A).

The surrounding land use is commercial. Neighboring businesses at the intersection include banks to the north, south, and east and a Target parking lot to the west. A Starbucks coffee shop is located to the northeast. Prior to redevelopment, a Chevron Service Station was located on property north of the site. The former Chevron site has an open environmental case (91UT079) with the OCLOP.

PROPOSED SCOPE OF WORK

Five soil vapor samples and eight depth discrete groundwater samples will be collected at the locations shown on Figure 2B.

Pre-Field Activities

Pre-field activities will include:

- Updating the existing WPI Site Safety and Health Plan, as necessary;
- Scheduling subcontractors;
- Notifying Underground Service Alert (USA) and performing an underground utility clearance for the planned drilling locations,
- Obtaining drilling permits from OCHCA.

Utility Location

Underground Services Alert will be notified of pending drilling activities at the site at least 48 hours prior to commencement of work. Prior to drilling, an underground line survey will be performed in order to locate all underground utility lines at the site. Each soil vapor sample location will be hand augered to a depth of approximately three feet. The borings will be allowed to equilibrate for 48 hours before the soil vapor probe is installed. The borings for depth discrete groundwater samples will be air knifed to a depth of approximately 5 or 10 feet.

Soil Vapor Survey

The soil vapor probes will consist of either 1.25-inch or 1.5-inch diameter steel drive rods with soil gas intake ports attached to a hardened drop-off tip. The probes will be installed to depths of approximately 5 and 10 feet using a direct push rig operated by a California licensed C-57 contractor. At the desired depth, the drive rods will be retracted to expose the soil gas intake ports. Small diameter polyetheretherketone or Teflon tubing will be inserted through the center of the rods and threaded into a gas tight fitting just above the intake ports. Approximately 1 foot of 2/12 Monterey sand will be placed in the boring annulus around the intake ports. The remaining annular space will be backfilled with bentonite powder and hydrated.

After the probes have equilibrated for at least 30 minutes, a step purge test of one, three, and seven purge volumes will be conducted as a means to determine the purge volume to be applied at all sampling points. The purge volume to be used at the site will be selected based on the highest concentrations of volatile organic compounds (VOCs) detected during the step test. If no VOCs are detected during the step test, a default of three purge volumes will be used. Vapor flow rates during purging and sampling will not exceed 200 ml per minute.

Once the optimum purge volume has been established, vapor samples will be collected from each probe. Samples will be collected in gas and light tight containers, labeled with borehole name and sample depth, and recorded on a chain-of-custody document. To ensure that ambient air is not infiltrating the vapor probe sample, a tracer compound will be used at the ground surface of each probe location. If the tracer compound is detected in a sample, the location will be resealed and another sample collected.

Upon completion of the soil gas survey, the tubing at each vapor probe location will be removed and the hole will be backfilled with bentonite chips to within approximately one foot of the existing grade. The remainder of the borehole will be backfilled with concrete to match existing grade.

Soil vapor samples will be delivered to a California certified laboratory for analysis of volatile and semi-volatile organic compounds using EPA Method TO-15 Full Scan. Vapor samples will also be analyzed for aliphatics TPHv C5 to C8, aliphatics TPHv C9 to C12, and aromatics TPHv C9 to C12 using MA APH parameters. All samples will be analyzed for fixed gases, helium, and methane using ASTM D1945-96, ASTM D1945M, and EPA 8015M.

The vapor survey will be conducted in accordance with the guidelines set by the Department of Toxic Substances Control (DTSC) and California Regional Water Quality Control Board-Los Angeles Region (CRWQCB-LA) in the Advisory-Active Soil Gas Investigations, dated January 28, 2003, and under the supervision of a California Professional Geologist.

Depth Discrete Groundwater Samples

Depth discrete groundwater sampling will be performed at two locations (Figure 2B). Four boreholes will be advanced at each location and groundwater samples will be collected at depths of approximately 10, 15, 20, and 25 feet. Details of the groundwater sampling procedures are in Table A.

Table A, Details of Groundwater Sampling Procedures

Number of Borings	Depth of Boring (feet)	Drilling Method	Sample Method	Sample Analysis
8	10, 15, 20, 25	Direct Push	Hydropunch	TPPH, volatile organic compounds using EPA 8260B full scan

Equipment Decontamination

To avoid cross-contamination, all re-usable equipment will be broken down after each use and cleaned using an approved non-phosphate detergent and double-rinsed in distilled water.

Reporting

Data obtained during the assessment activities will be evaluated and presented in a report that will contain the following:

- A discussion of analytical results;
- Conclusions and recommendations based on these results;
- Chemical data summarized in tables and on figures; and
- Copies of laboratory reports and chain-of-custody documentation.

Scheduling

The proposed assessment activities will be implemented within 60 days following receipt of OCHCA approval to proceed and receipt of OCHCA monitoring well permits. The OCHCA will be notified a minimum of 48 hours prior to field work.

The report documenting the findings of the site assessment will be submitted within 45 days of completion of field activities.

WARRANTY STATEMENT

This report has been prepared by Wayne Perry, Inc. for the exclusive use of Shell Oil Products US, as it pertains to the former Shell Service Station located at 20001 Brookhurst Street in Huntington Beach, California. Our professional services have been performed using that degree of care and skill ordinarily exercised under similar circumstances by other geologists, hydrogeologists, and engineers practicing in this field. No other warranty, express or implied, is made as to the professional advice in this report.

If you have questions or require additional information regarding this report, please contact Ms. Andrea Wing of Shell at (714) 731-1050 or the undersigned at (714) 826-0352.

Sincerely,
Wayne Perry Inc.

Kristine Wulff-Dyck
Project Scientist

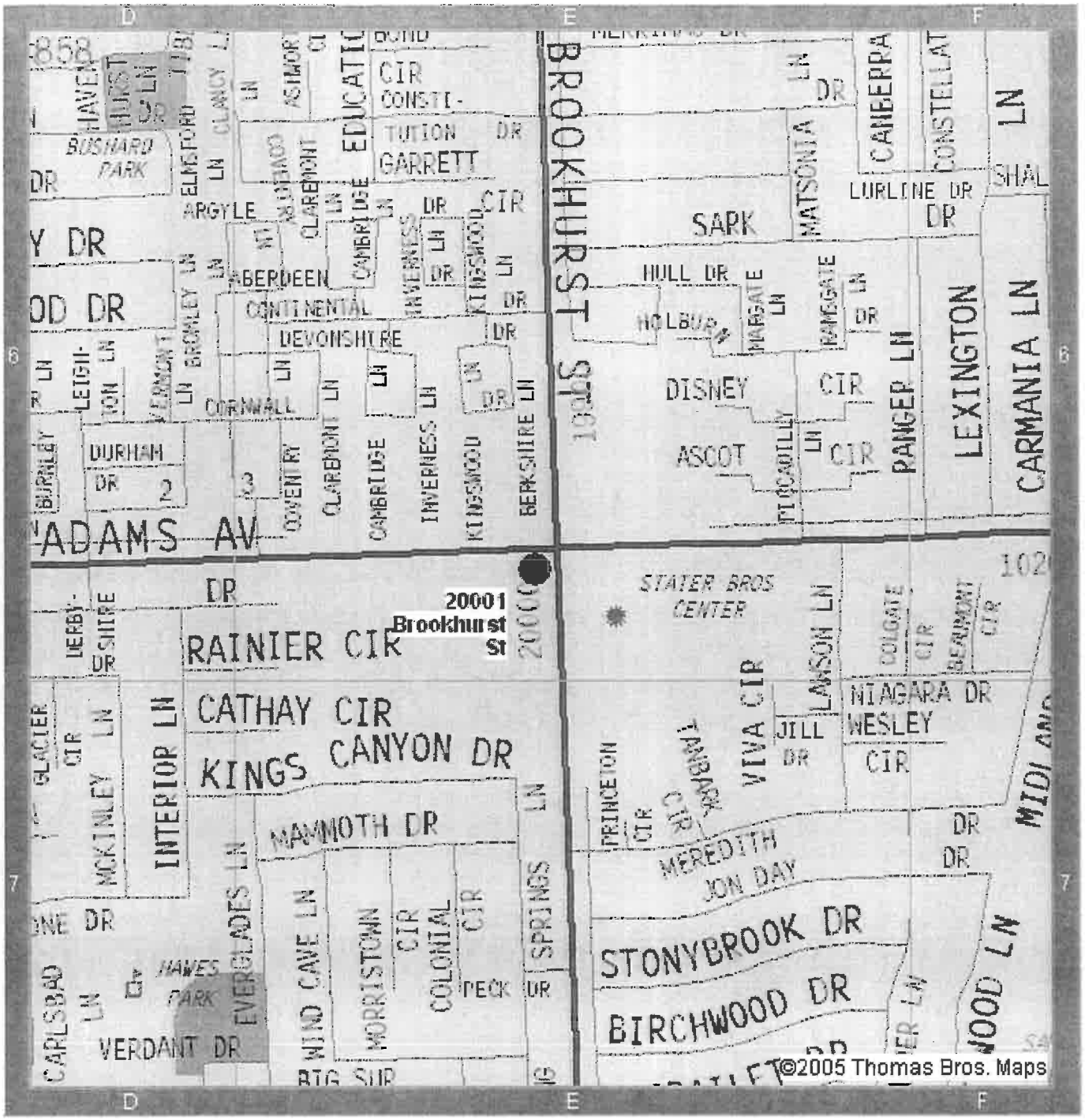
PROFESSIONAL GEOLOGIST
DAVID M. HENRY
No. 4085
EXP 12/31/12
STATE OF CALIFORNIA

David M. Henry
California Professional Geologist 4085

Attachments:
Figure 1, Site Location Map
Figure 2A, Plot Plan
Figure 2B, Plot Plan Showing Proposed Borings

cc: Ms. Andrea Wing, Shell Oil Products US
Mr. Tarek Berri, Berri Brothers

FIGURES



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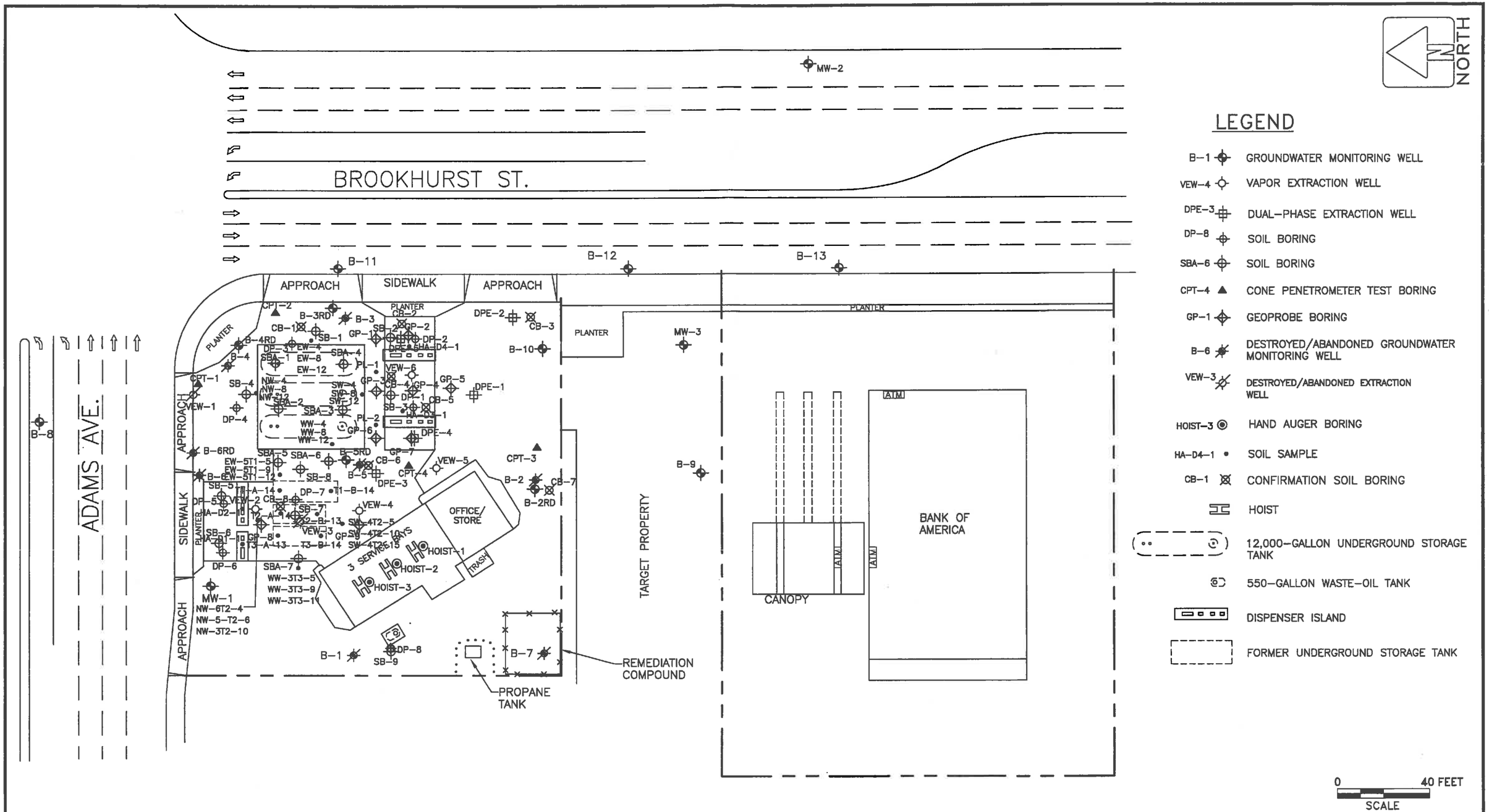
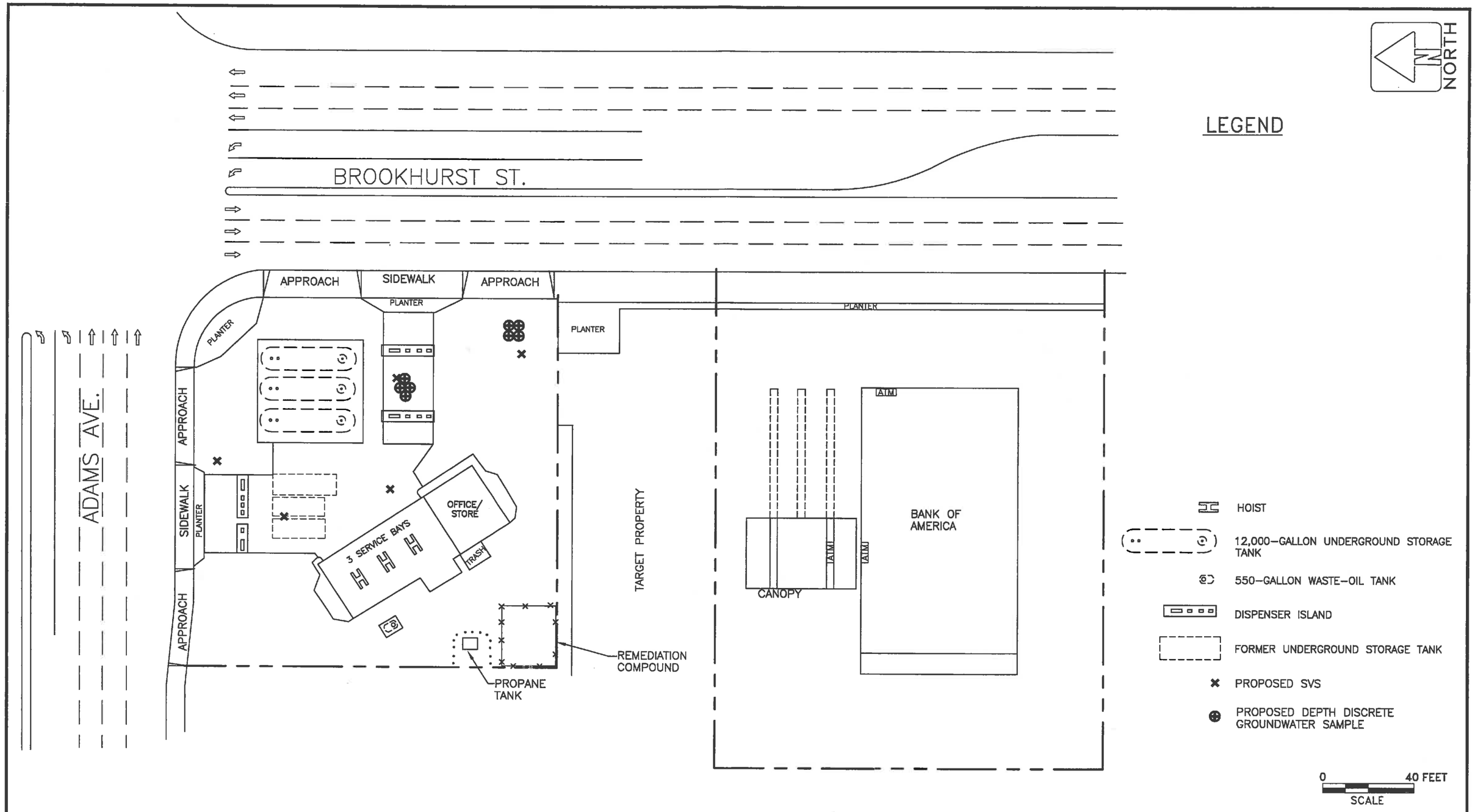
NOT TO SCALE

NORTH

WaynePerry CONSULTING · CONSTRUCTION · ENGINEERING · MAINTENANCE SINCE 1988	DATE	SITE LOCATION MAP	FIGURE NO. 1
	REVISED	SHELL-BRANDED SERVICE STATION 20001 BROOKHURST ST./ADAMS AVE. HUNTINGTON BEACH, CA	
	CAD FILE 06227LM		PROJECT NO. 11.236



WaynePerry CONSULTING · CONSTRUCTION · ENGINEERING · MAINTENANCE SINCE 1968	DATE DRAWN	PLOT PLAN	FIGURE NO. 2A
	REV. DATE	SHELL-BRANDED SERVICE STATION 20001 BROOKHURST ST./ADAMS AVE. HUNTINGTON BEACH, CA	
	CAD FILE 11236PP		PROJECT NO. 11.236



WaynePerry CONSULTING · CONSTRUCTION · ENGINEERING · MAINTENANCE SINCE 1968	DATE DRAWN	PLOT PLAN	FIGURE NO. 2B
	REV. DATE	SHELL-BRANDED SERVICE STATION 20001 BROOKHURST ST./ADAMS AVE. HUNTINGTON BEACH, CA	
	CAD FILE 11236PP		PROJECT NO. 11.236

RBF CONSULTING

March 20, 2013

County of Orange Health Care Agency
Department of Environmental Health
1241 East Dyer Road, Suite 120
Santa Ana, CA 92705
Phone: (714) 834-3536
Fax: (714) 835-9312

SUBJECT: Brookhurst Street/Adams Avenue Interchange Improvements Project Phase I Environmental Site Assessment: File Review Request

Dear Staff Member:

RBF Consulting (RBF) is currently conducting a Phase I Environmental Site Assessment (ESA) in the City of Huntington Beach for an interchange improvement project located at the intersection of Brookhurst Street and Adams Avenue. As part of the project, multiple properties would require partial acquisition for roadway right-of-way, and in some instances, structural modification. This letter serves as a request for hazardous materials information regarding the following Assessor's Parcel Numbers (APNs) and associated addresses to be acquired as part of the proposed project, which are as follows:

- **APN 151-461-28; 9882 Adams Avenue, Huntington Beach**
- **APN 151-461-30; 20001 Brookhurst Street, Huntington Beach**
- **APN 153-171-01; 9791 Adams Avenue, Huntington Beach**
- **APN 153-171-02; 9971 Adams Avenue, Huntington Beach**
- **APN 155-051-07; 10111 Adams Avenue, Huntington Beach**
- **APN 155-051-11; 10113 Adams Avenue, Huntington Beach**
- **APN 155-051-11; 10121 Adams Avenue, Huntington Beach**
- **APN 155-051-12; 10115 Adams Avenue, Huntington Beach**
- **APN 155-051-13; 10001 Adams Avenue, Huntington Beach**
- **APN 155-162-01; 20011 Lawson Lane, Huntington Beach**
- **APN 155-181-04; 20002 Brookhurst Street, Huntington Beach**
- **APN 155-181-28; 10072 Adams Avenue, Huntington Beach**

RBF would like to request a file search of these APN's and addresses within the Agency's database. If records are on file, RBF would also like to set up a file review for the above mentioned properties. Please do not hesitate to contact me at 949-855-5747 or kbogue@rbf.com, with any questions you may have regarding this request.

Sincerely,

Kristen Bogue
Associate/Environmental Professional
Planning/Environmental Services

COUNTY OF ORANGE
HEALTH CARE AGENCY

FINANCIAL AND ADMINISTRATIVE SERVICES
CUSTODIAN OF RECORDS
http://www.ochealthinfo.com/records

MAILING ADDRESS:
P.O. BOX 355
SANTA ANA, CA 92702

TELEPHONE: (714) 834-3536
FAX: (714) 835-9312

REQUEST FOR PUBLIC RECORDS

The undersigned hereby requests a copy of the record prepared and maintained in the ordinary course of business concerned at or near the time of the act, condition, or event which they depict by the County of Orange Health Care Agency.

The records requested are public documents and are not protected by Federal or State confidentiality statutes. Nevertheless, should any confidential information pertaining to individuals or entities, corporations, partnerships, or organizations be inadvertently included in any of the records, the undersigned agrees to protect that confidentiality and recognized that unauthorized release or disclosure of confidential information may make the undersigned subject to civil action under provision of Federal and California statues.

The undersigned understands that the County will charge $0.15 per page copied. If request is to be canceled, this office must be notified at the above number within ten (10) days of receipt of request, otherwise cost incurred will be charged to the undersigned.

Specific records are: 9882 Adams Avenue, 20001 Brookhurst Street, 9791 Adams Avenue, 9971 Adams Avenue, 10111 Adams Avenue, 10113 Adams Avenue, 10121 Adams Avenue, 10115 Adams Avenue, 10001 Adams Avenue, 20011 Lawson Lane, 20002 Brookhurst Street, 10072 Adams Avenue — City of Huntington Beach

Records are required for the purpose of: Phase I Environmental Site Assessment

SIGNATURE of Requester

Kristen Bogue, RBF Consulting
PRINT Name of Requester (and Company Name - if applicable)

14725 Alton Parkway
PRINT Street Address

(949) 855-5747
Area Code & Phone Number

Irvine, Ca 92618
PRINT City, State & Zip Code

03-20-13
DATE

F042-01.1951 (R 09/05)

JULIETTE POULSON, RN, MN
DIRECTOR

ALICE L. MANNING
INTERIM DEPUTY AGENCY DIRECTOR
FINANCIAL & ADMINISTRATIVE SERVICES

MAILING ADDRESS:
P.O. BOX 355
SANTA ANA, CA 92702

TELEPHONE: (714) 834-3536
FAX: (714) 835-9312

COUNTY OF ORANGE
HEALTH CARE AGENCY

FINANCIAL AND ADMINISTRATIVE SERVICES
CUSTODIAN OF RECORDS

HAZARDOUS WASTE INFORMATION CHECKLIST

Please check the appropriate items below. This will enable us to search the actual files that you need, therefore, cutting down the time spent searching for records that you may not want.

SITE SPECIFIC INFORMATION

- X Hazardous Waste Generator files (complete file)
- X Tiered Permitting
- X Underground Storage Tank files (complete file)
- X Leaking Underground Storage Tank cleanup
- X Hazardous Waste site cleanup (industry cleanup)
- X Sold Waste Facility File (large files – need to be specific)
- X Hazardous Waste Spill Response Logs (emergency incidents)
- X Hazardous Waste Underground Storage Tank and Infectious Waste Investigation request files (complaints regarding the above)
- X Proposition 65 reports
- X Certified Unified Program Agency (CUPA)
- X Infectious Waste (Medical Waste)

LISTS INFORMATION

- ____ List of Underground Storage Tank facilities (computer printout for all of Orange County)
- ____ List of Underground Storage Tank cleanups (computer printout for all of Orange County)
- ____ List of Hazardous Waste Generator facilities (computer printout for all of Orange County)
- ____ List of Industrial Cleanup Sites
- ____ List of O.C. Environmental Health Division UST Facilities Meeting 1998 Upgrade Criteria
- ____ List of pending solid waste Facilities Permit applications
- ____ Solid Waste Facility Inventory Report (includes old solid landfills)

OTHER INFORMATION Any files pertaining to hazardous materials.

F042-01.1958

RBF CONSULTING

March 20, 2013

Huntington Beach Fire Department
Fire Prevention
2000 Main Street
Huntington Beach, CA 92648
Phone: (714) 536-5411
Fax: (714) 374-1551

SUBJECT: Brookhurst Street/Adams Avenue Interchange Improvements Project Phase I Environmental Site Assessment: File Review Request

Dear Fire Prevention Staff:

RBF Consulting (RBF) is currently conducting a Phase I Environmental Site Assessment (ESA) in the City of Huntington Beach for an interchange improvement project located at the intersection of Brookhurst Street and Adams Avenue. As part of the project, multiple properties would require partial acquisition for roadway right-of-way, and in some instances, structural modification. This letter serves as a request for hazardous materials information regarding the following Assessor's Parcel Numbers (APNs) and associated addresses to be acquired as part of the proposed project, which are as follows:

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- **APN 155-162-01; 20011 Lawson Lane, Huntington Beach**
- **APN 155-181-04; 20002 Brookhurst Street, Huntington Beach**
- **APN 155-181-28; 10072 Adams Avenue, Huntington Beach**

RBF would like to request a public records search of these APNs/addresses within available Fire Department Records, including underground storage tanks (historic, active, and leaking), incident reports, spillage, site cleanup, and any other site specific records pertaining to hazardous materials. If records are on file, RBF would also like to set up a review for all available records on file, or have them mailed to the address on this letterhead (attention Kristen Bogue, MS 455). Please do not hesitate to contact me at 949-855-5747 or kbogue@rbf.com, with any questions you may have regarding this request.

Sincerely,

Kristen Bogue
Associate/Environmental Professional
Planning/Environmental Services

Brookhurst Street/Adams Avenue Interchange

Brookhurst Street/Adams Avenue Interchange

Huntington Beach, CA 92646

Inquiry Number: 3546203.4

March 18, 2013

EDR Historical Topographic Map Report

EDR® Environmental Data Resources Inc

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

EDR Historical Topographic Map Report

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

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

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Historical Topographic Map

N	TARGET QUAD NAME: SANTA ANA MAP YEAR: 1901 SERIES: 15 SCALE: 1:62500	SITE NAME: Brookhurst Street/Adams Avenue Interchange ADDRESS: Brookhurst Street/Adams Avenue Interchange Huntington Beach, CA 92646 LAT/LONG: 33.6724 / -117.9539	CLIENT: RBF Consulting CONTACT: Kristen Bogue INQUIRY#: 3546203.4 RESEARCH DATE: 03/18/2013

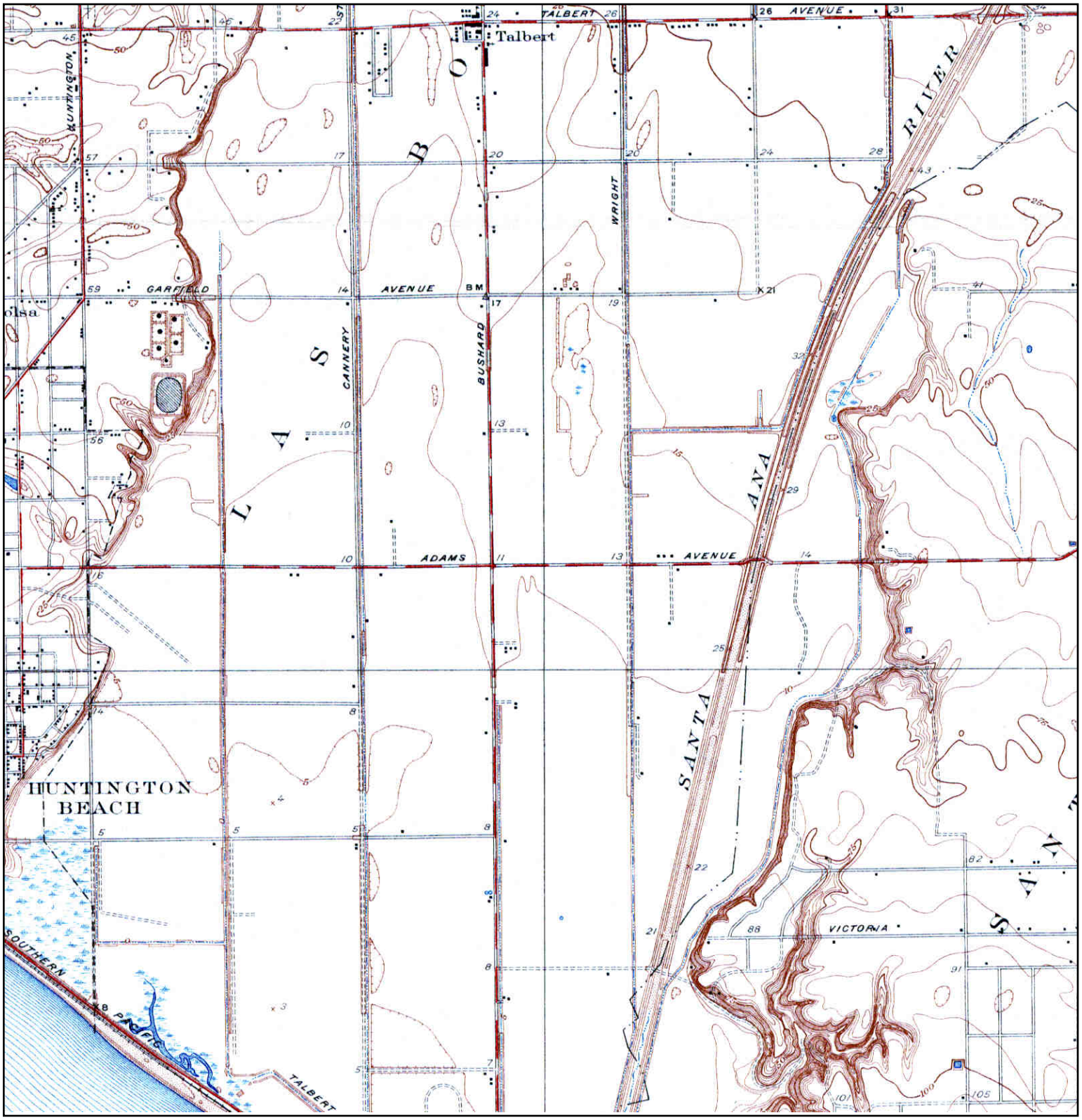
Historical Topographic Map

N	TARGET QUAD NAME: SOUTHERN CA SHEET 1 MAP YEAR: 1901 SERIES: 60 SCALE: 1:250000	SITE NAME: Brookhurst Street/Adams Avenue Interchange ADDRESS: Brookhurst Street/Adams Avenue Interchange Huntington Beach, CA 92646 LAT/LONG: 33.6724 / -117.9539	CLIENT: RBF Consulting CONTACT: Kristen Bogue INQUIRY#: 3546203.4 RESEARCH DATE: 03/18/2013

Historical Topographic Map

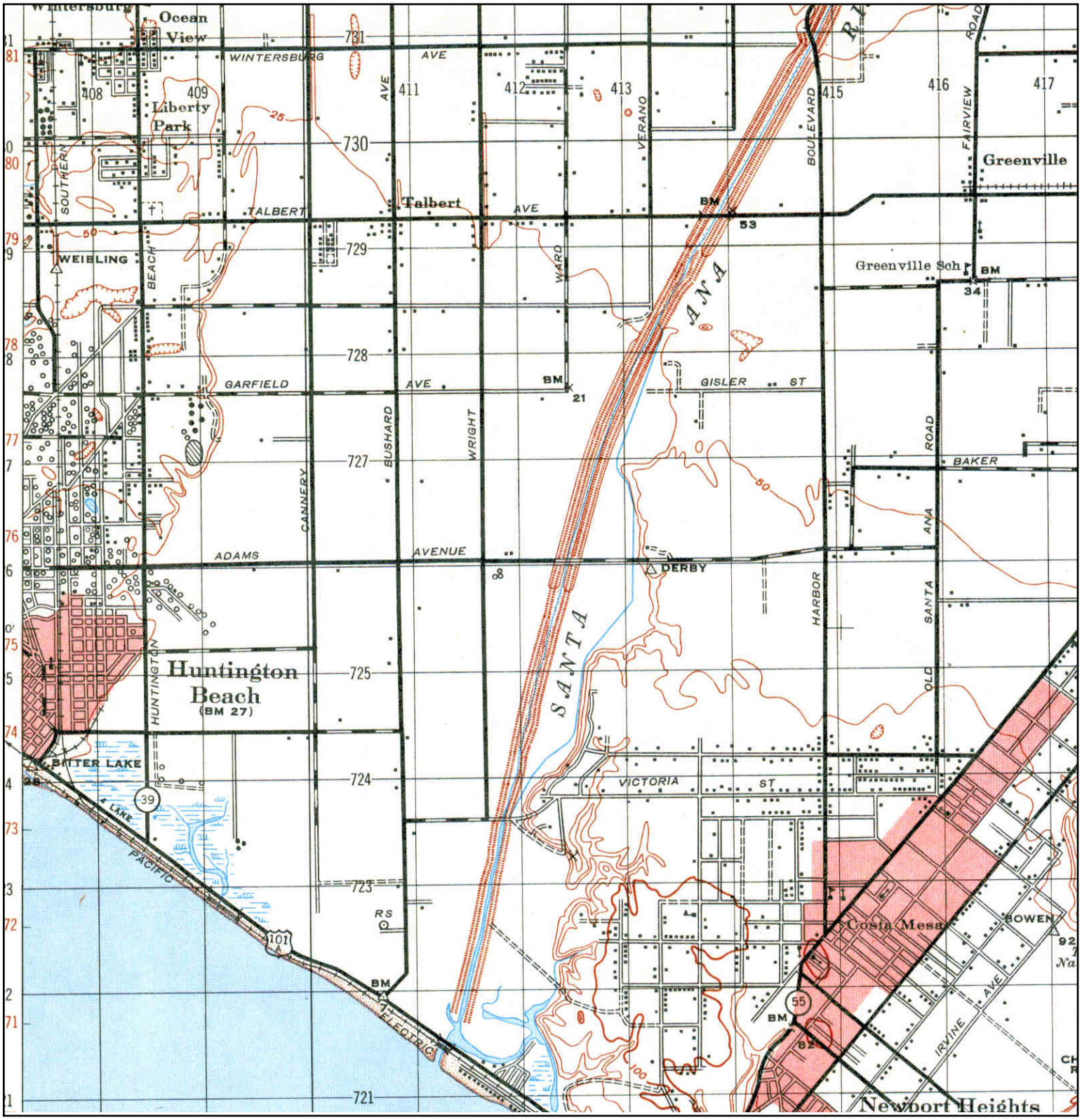
N	TARGET QUAD NAME: CORONA MAP YEAR: 1902 SERIES: 30 SCALE: 1:125000	SITE NAME: Brookhurst Street/Adams Avenue Interchange ADDRESS: Brookhurst Street/Adams Avenue Interchange Huntington Beach, CA 92646 LAT/LONG: 33.6724 / -117.9539	CLIENT: RBF Consulting CONTACT: Kristen Bogue INQUIRY#: 3546203.4 RESEARCH DATE: 03/18/2013

Historical Topographic Map



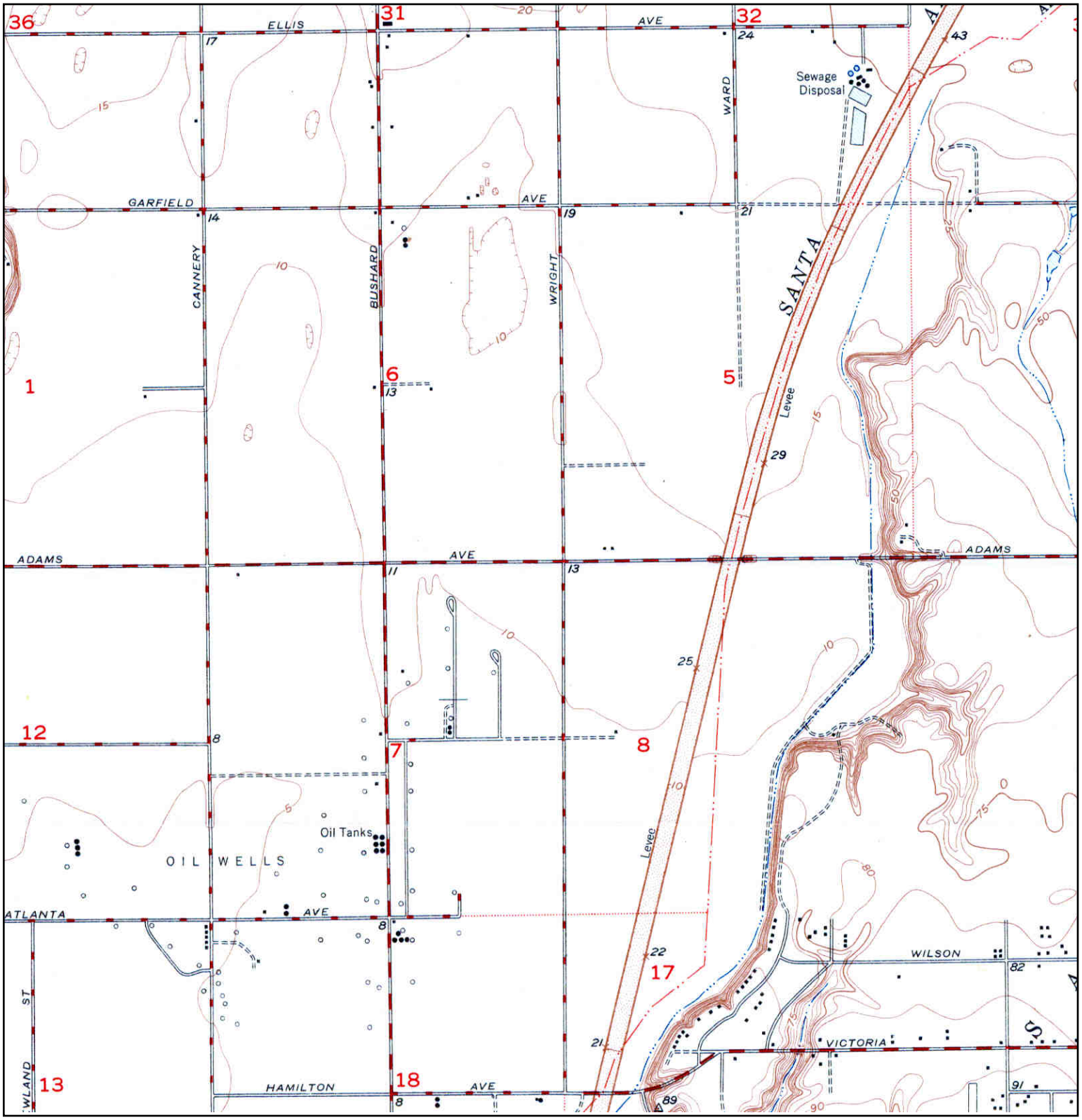
N	TARGET QUAD NAME: NEWPORT BEACH MAP YEAR: 1935 SERIES: 7.5 SCALE: 1:31680	SITE NAME: Brookhurst Street/Adams Avenue Interchange ADDRESS: Brookhurst Street/Adams Avenue Interchange Huntington Beach, CA 92646 LAT/LONG: 33.6724 / -117.9539	CLIENT: RBF Consulting CONTACT: Kristen Bogue INQUIRY#: 3546203.4 RESEARCH DATE: 03/18/2013

Historical Topographic Map



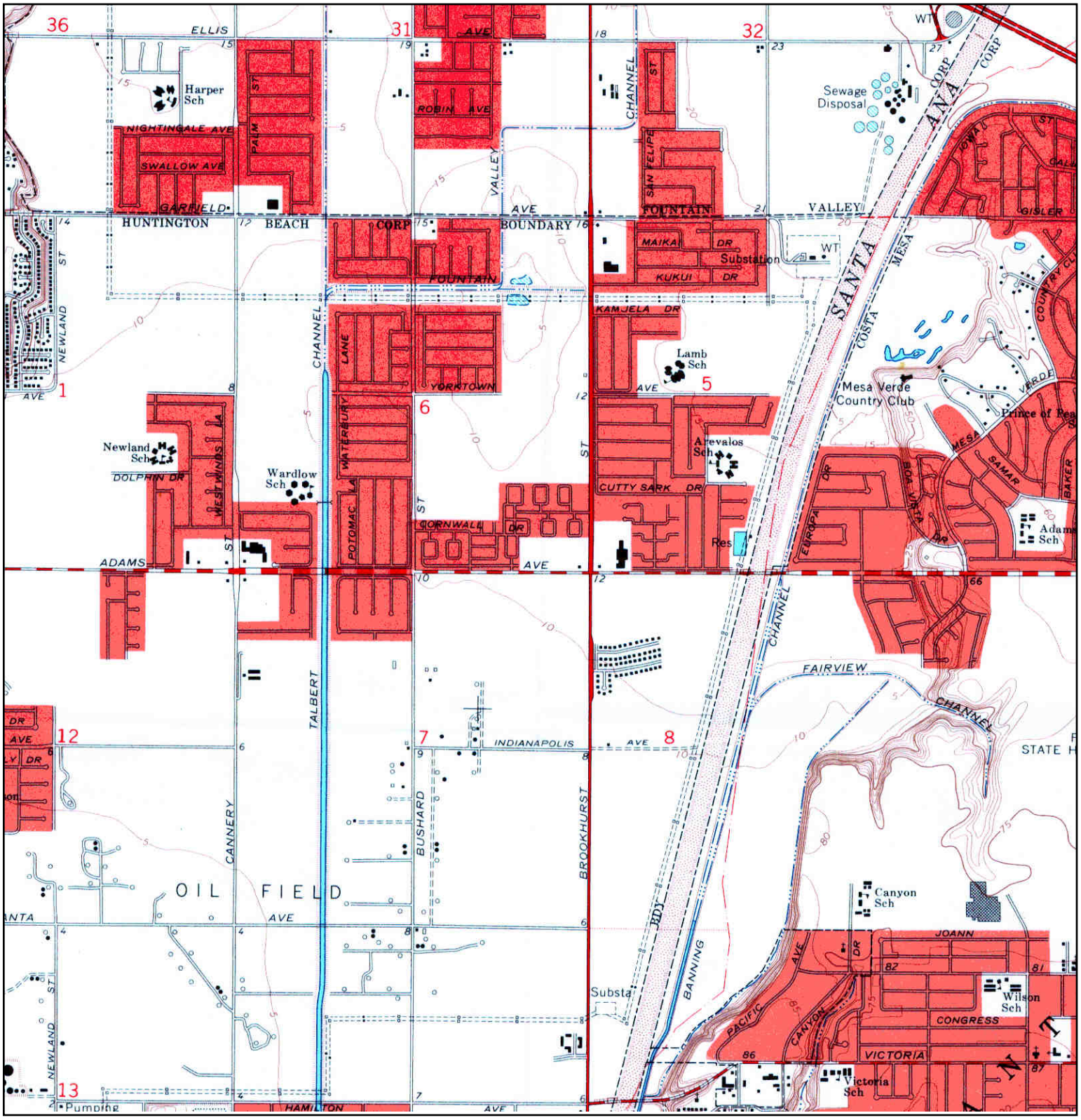
N	TARGET QUAD NAME: SANTA ANA MAP YEAR: 1942 SERIES: 15 SCALE: 1:50000	SITE NAME: Brookhurst Street/Adams Avenue Interchange ADDRESS: Brookhurst Street/Adams Avenue Interchange Huntington Beach, CA 92646 LAT/LONG: 33.6724 / -117.9539	CLIENT: RBF Consulting CONTACT: Kristen Bogue INQUIRY#: 3546203.4 RESEARCH DATE: 03/18/2013

Historical Topographic Map



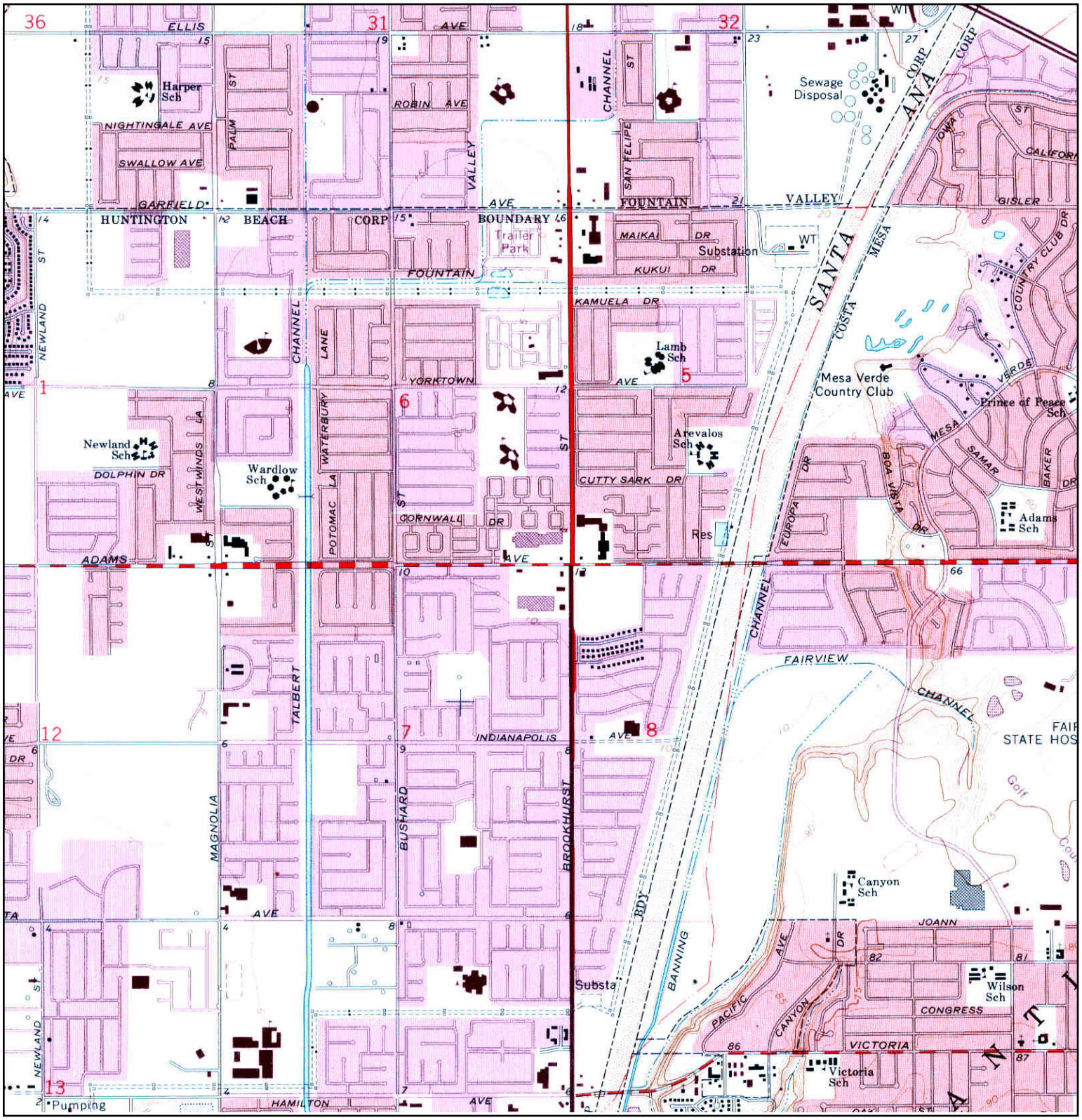
N	TARGET QUAD NAME: NEWPORT BEACH MAP YEAR: 1951 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Brookhurst Street/Adams Avenue Interchange ADDRESS: Brookhurst Street/Adams Avenue Interchange Huntington Beach, CA 92646 LAT/LONG: 33.6724 / -117.9539	CLIENT: RBF Consulting CONTACT: Kristen Bogue INQUIRY#: 3546203.4 RESEARCH DATE: 03/18/2013

Historical Topographic Map



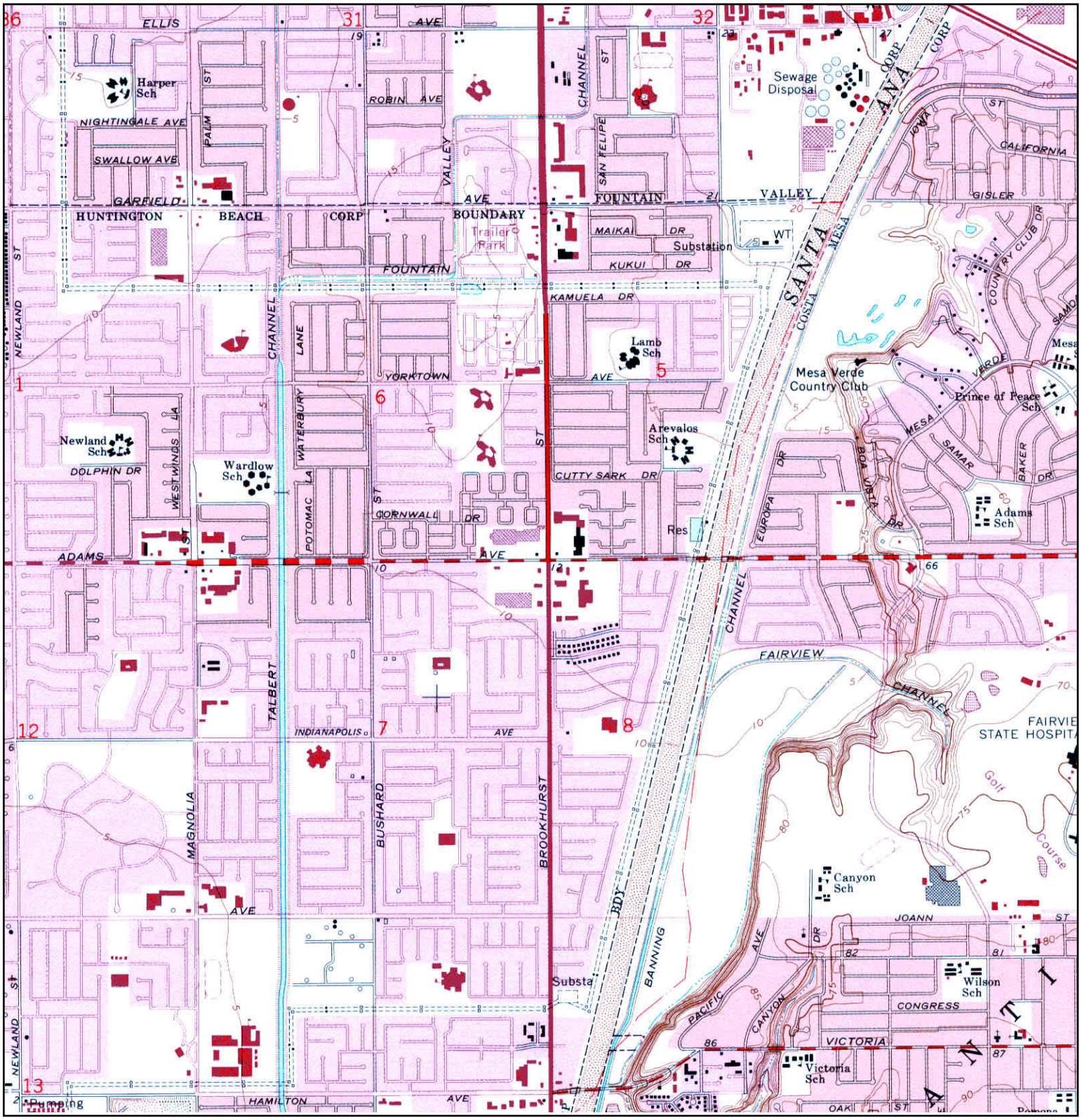
N	TARGET QUAD NAME: NEWPORT BEACH MAP YEAR: 1965 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Brookhurst Street/Adams Avenue Interchange ADDRESS: Brookhurst Street/Adams Avenue Interchange Huntington Beach, CA 92646 LAT/LONG: 33.6724 / -117.9539	CLIENT: RBF Consulting CONTACT: Kristen Bogue INQUIRY#: 3546203.4 RESEARCH DATE: 03/18/2013

Historical Topographic Map



N	TARGET QUAD NAME: NEWPORT BEACH MAP YEAR: 1972 PHOTOREVISED FROM :1965 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Brookhurst Street/Adams Avenue Interchange ADDRESS: Brookhurst Street/Adams Avenue Interchange Huntington Beach, CA 92646 LAT/LONG: 33.6724 / -117.9539	CLIENT: RBF Consulting CONTACT: Kristen Bogue INQUIRY#: 3546203.4 RESEARCH DATE: 03/18/2013

Historical Topographic Map



N	TARGET QUAD NAME: NEWPORT BEACH MAP YEAR: 1981 PHOTOREVISED FROM :1965 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Brookhurst Street/Adams Avenue Interchange ADDRESS: Brookhurst Street/Adams Avenue Interchange Huntington Beach, CA 92646 LAT/LONG: 33.6724 / -117.9539	CLIENT: RBF Consulting CONTACT: Kristen Bogue INQUIRY#: 3546203.4 RESEARCH DATE: 03/18/2013

Brookhurst Street/Adams Avenue Interchange

Brookhurst Street/Adams Avenue Interchange

Huntington Beach, CA 92646

Inquiry Number: 3546203.5

March 20, 2013

The EDR Aerial Photo Decade Package

EDR® Environmental Data Resources Inc

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

EDR Aerial Photo Decade Package

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

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Date EDR Searched Historical Sources:

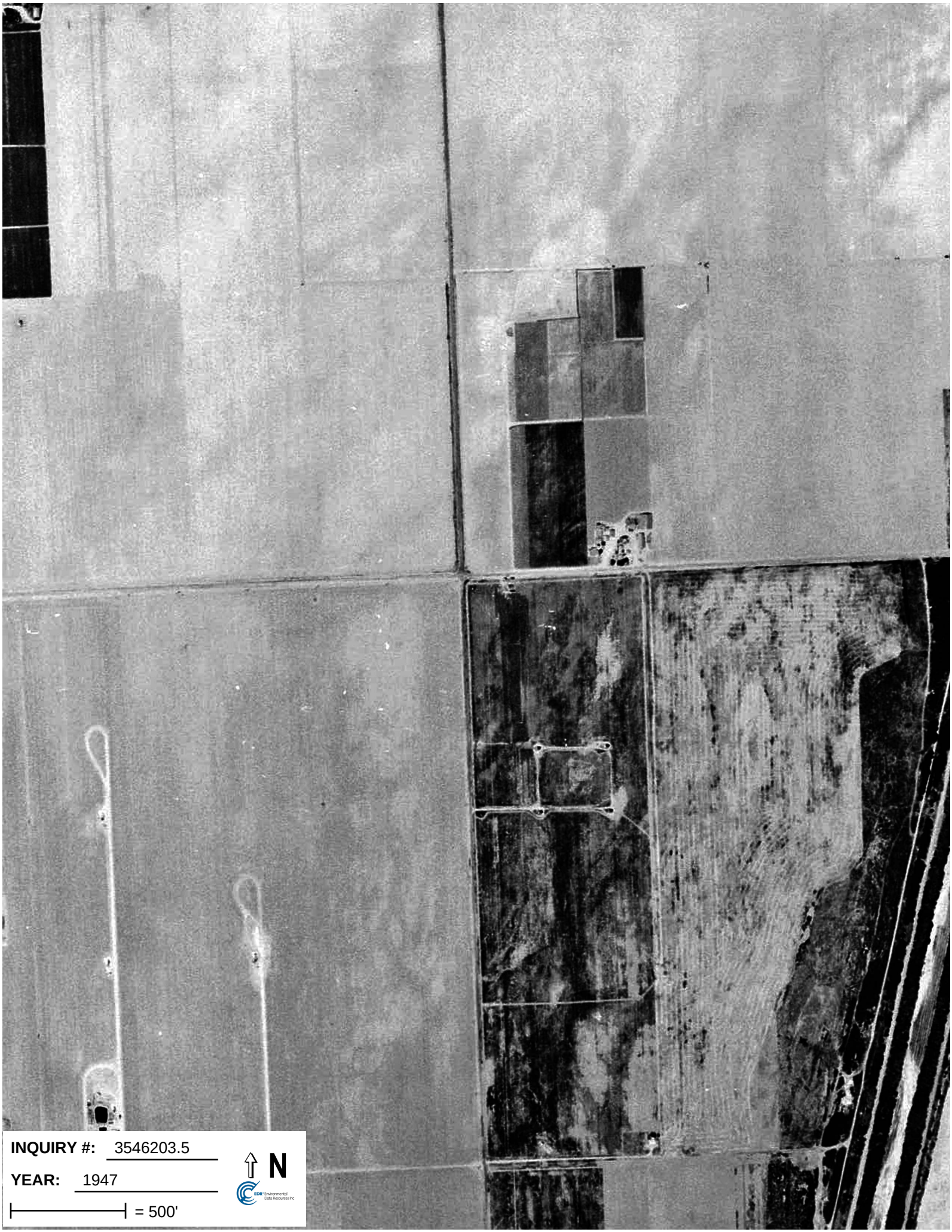
Aerial Photography March 20, 2013

Target Property:

Brookhurst Street/Adams Avenue Interchange
Huntington Beach, CA 92646

Year	***Scale***	***Details***	***Source***
1938	Aerial Photograph. Scale: 1"=500'	Flight Year: 1938	Laval
1947	Aerial Photograph. Scale: 1"=500'	Flight Year: 1947	Fairchild
1953	Aerial Photograph. Scale: 1"=500'	Flight Year: 1953	Pacific Air
1960	Aerial Photograph. Scale: 1"=500'	Flight Year: 1960	Fairchild
1968	Aerial Photograph. Scale: 1"=500'	Flight Year: 1968	Teledyne
1977	Aerial Photograph. Scale: 1"=500'	Flight Year: 1977	Teledyne
1990	Aerial Photograph. Scale: 1"=500'	Flight Year: 1990	USGS
1994	Aerial Photograph. Scale: 1"=500'	/DOQQ - acquisition dates: 1994	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

INQUIRY #: 3546203.5
YEAR: 1938
= 500'
N
EDR Environmental Data Resources Inc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YEAR: 1947
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INQUIRY #: 3546203.5
YEAR: 1953
= 500'
N
EDR Environmental Data Resources Inc

INQUIRY #: 3546203.5
YEAR: 1960
= 500'
N

INQUIRY #: 3546203.5
YEAR: 1968
= 500'
N

INQUIRY #: 3546203.5
YEAR: 1977
= 500'
N

INQUIRY #: 3546203.5
YEAR: 1990
= 500'
N

INQUIRY #: 3546203.5
YEAR: 1994
= 500'
N

INQUIRY #: 3546203.5
YEAR: 2005
= 500'
N

INQUIRY #: 3546203.5
YEAR: 2009
= 500'
N

INQUIRY #: 3546203.5
YEAR: 2010
= 500'
N

CITY OF HUNTINGTON BEACH

DEPARTMENT OF BUILDING & SAFETY
2000 Main St., Huntington Beach, CA 92648
For Inspections Call: (714) 536-5241

Inspector:
Andino, Richard (714) 374-1693

BUILDING PERMIT

Permit Number:	B2010-001481	**Sprinklered?**	No	**Valuation:**	$10,000.00
Date Issued:	06/01/2010	**Zone:**	CG	**Coastal Permit?**	No
Building Address:	9791 Adams Ave	**Block**	10	**No. Families:**	
Date Entered:	03/24/2010	**Tract:**	S0006	**No. Stories:**	
Building Use:	C-MISC	**Lot:**	6	**Public Building?**	No

Owner	Contractor	Architect
MARK SORK 140 NEWPORT CENTER DR, #260 NEWPORT BEACH CA 92660 9497208190	PACIFIC CONSTRUCTION GROUP 43 POST STREET IRVINE CA 92618 9497481500	DAYTON ASSOC 2900 SILVER LN NEWPORT BEACH CA 92660 9496451717

Project Description: EXT.TI.ONLY: REMODEL EXSTG EXT.FASCADE ONLY****TOWNE HOUSE PLAZA SHOPPING CTR****COFO NOT REQ'D****INCLDS 9791 THRU 9807 ADAMS****

Occ. Group	Construction Type	Occupancy Load

Permit Fees:						
	Inspection:	$249.02	**Park & Rec:**	$0.00	**Microfilm:**	$69.16
	Building Plan Review:	$196.73	**Library:**	$0.00	**Penalty:**	$0.00
	Planning Plan Review:	$174.31	**Traffic Impact:**	$0.00	**Extension:**	$0.00
	Processing:	$31.20	**Sanitation:**	$0.00	**C/O:**	$0.00
	SMIP:	$3.10	**Demolition:**	$0.00	**Permit Total:**	$723.52
					Outstanding Amount:	$0.00

Permit Details

Building	Related Items	Unit Type	Quantity	Permit Fees: Inspection	Plan Review
	EXT.FASCADE REMODEL ONLY		1	$249.02	$196.73

9791
Adams

WORKERS' COMPENSATION DECLARATION

I hereby affirm under penalty of perjury one of the following declarations:
[ ] I have and will maintain a certificate of consent to self-insure for workers' compensation as provided for by Section3700 of the Labor Code, for the performance of the work for which this permit is issued.
[X] I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation policy information is: Carrier: EVEREST NATIONAL INSURANCE COM Policy Number: 7600001357101 Expires: 03/01/2011
Agent: _____ Phone (949) 720-8190
[ ] I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that if I should become subject to the workers' compensation provision of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

WARNING: FAILURE TO SECURE WORKERS COMPENSATION COVERAGE IS UNLAWFUL AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS ($100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3700 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect. License No. 742676 License Class B1
Contractor's Signature: _____ Date: 06-02-2010
IF WORK IS NOT COMMENCED 180 DAYS FROM DATE OF ISSUE OF THIS PERMIT, OR IF THE WORK IS ABANDONED FOR MORE THAN 180 DAYS, THIS PERMIT SHALL BE SUBJECT TO EXPIRATION.

OWNER-BUILDER DECLARATION (Declaration Form Attached)

CONSTRUCTION LENDING AGENCY

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C).
Lender: _____ Address: _____

DECLARATION BY CONSTRUCTION PERMIT APPLICANT

By my signature below, I certify to each of the following: I am
[ ] A California licensed contractor; or
[ ] The property owner*; or
[ ] Authorized to act on the property owner's behalf
I certify that I have read this construction application and that the information I have provided is correct. I agree to comply with all City and County ordinaces and State Laws relating to building construction. I authorize representatives of this City or County to enter upon the above-identified property for inspection purposes.
California Licensed Contractor, Property Owner* or Authorized Agent**

Signature: _____ Date: 06-02-2010
*Requires separate verification form
**Requires separate authorization form

No. 121779

CITY OF HUNTINGTON BEACH

2000 MAIN ST.
HUNTINGTON BEACH, CA 92648

DEPARTMENT OF
COMMUNITY DEVELOPMENT
P.O. BOX 190 - CALIFORNIA 92648
(714) 536-5241

ALL INSPECTION REQUESTS MUST BE RECEIVED BY 4:30 P.M.
FOR THE FOLLOWING DAY'S INSPECTION.

B U I L D I N G P E R M I T

Permit Number: B-059543 PC # RD 436
Bldg. Address: 9791 ADAMS AV Tract: NA Lot: NA Block: NA
EXIST. BLDG. Building Use: COM -ROOF

Owner:
POLLY'S PIE
14325 ISELI
SANTA FE SPRINGS CA
Ph. (562)921-5209

Contractor:
SADLER ROOFING CO
125 GRAND CANAL
BALBOA ISLAND CA 92662
Ph. 675-5095 Classes: C39
St.No. 284857 City Lic. A124416

Designer:
NA

Expired

Project Description: T/O, INSTALL 4 PLY FIBERGLASS CLASS 'A' ROOF, CONGLASS, ABOVE DINING ROOF, 24 SQS.

Sq.Ft. Res/Com:
Garage :
Misc. :
Occ. Group:
Public BuildingNO
Census Code: 999

No. Stories:
No. Families:
Occ. Load:
Constr. Type:
Bldg. Use: COM

Valuation: 3600
Bldg. Code: ROOF
Zone:
Park. Spaces:
Coastal PermitNO

Entitlement(s):
Application: 01/29/98 Plancheck:
Authorized: Building: 01/29/98 RO Public Works:
Planning: 01/29/98 RO Fire Dept:
Processed: 01/29/98 RO #B-059543 Issued: 01/29/98 RO

* * * PERMIT FEES * * *

DESCRIPTION	AMOUNT	ACCOUNT	DESCRIPTION	AMOUNT	ACCOUNT
INSPECTION	80.50	RAACD23430600	ISSUANCE	25.00	RAACD23433200
PLANCHECK	0.00	RAACD23470500	PENALTY	0.00	RAACD23483000
LIBRARY	0.00	RLXLS39171100	PARKS & REC.	0.00	RSKCD23435500
CONSERVATION	0.50	GAA 00020116	P/PLANCHECK	0.00	RAACD23133800
DEMOLITION	0.00	RAACD23430600	LIBRARY DEV.	0.00	RLCCD23432800
MICRO COPY	1.00	GUU 00022555			
		TOTAL FEE	107.00		

102.

FINAL INSPECTION: INITIALS See Computer for Inspection Status DATE

Processed: 01/29/98 RO #B-059543 Issued: 01/29/98 RO

WORKERS' COMPENSATION DECLARATION

I hereby affirm under penalty of perjury one of the following declarations:

☐ I have and will maintain a certificate of consent to self-insure for workers' compensation, as provided for by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued.

☒ I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation insurance carrier and policy number are:

Carrier State Fund
Policy Number 0278-0-0 P85-98 0001

(This section need not be completed if the permit is for one hundred dollars ($100) or less.)

☐ I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

Date 1-29-98 Applicant

THIS BOX FOR REGISTER VALIDATION ONLY

1029/115 1 $107.00 B059543 BldPrmts
Thu Jan 29, 1998 04:14 PM £41869

WARNING: FAILURE TO SECURE WORKERS' COMPENSATION COVERAGE IS UNLAWFUL, AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS ($100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3708 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm under penalty of perjury that I am licensed under provision of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License No. License Class
Contractor Sadler Roofing 1-29-98

If work is not commenced 180 days from date of issue of this permit, or if work is abandoned for more than 180 days, this permit shall be subject to expiration.

VH 33044

OWNER-BUILDER DECLARATION

I hereby affirm under penalty of perjury that I am exempt from Contractor's License Law for the following reason (Section 7031.5, Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractor's License Law (Chapter 9) [commencing with Section 7000] of Division 3 of the Business and Professions Code) or that he or she is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500).):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale. (Sec. 7044, Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or herself or through his or her own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner/builder will have the burden of proving that he or she did not build or improve for the purpose of sale.)

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law).

☐ I am exempt under Sec. _____
B.&P.C. for this reason _____
Date _____ Owner _____

CONSTRUCTION LENDING AGENCY

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C).
Lender's Name _____
Lender's Address _____

I certify that I have read this application and state that the above information is correct. I agree to comply with all city and county ordinances and State laws relating to building construction, and hereby authorize representatives of this county to enter upon the above-mentioned property for inspection purposes.

Signature of Applicant or Agent 1-29-98
Date

No. 121779

FORM 140-Rev. 1/97

WHITE COPY - FILE, BLUE COPY - COUNTY, CANARY COPY - OFFICE, GREEN COPY - APPLICANT, PINK COPY - TREASURER

No. 068733

CITY OF HUNTINGTON BEACH

2000 MAIN ST.
HUNTINGTON BEACH, CA 92648

DEPARTMENT OF
COMMUNITY DEVELOPMENT
PO BOX 190 - CALIFORNIA 92648
(714) 536-5241

ALL INSPECTION REQUESTS MUST BE RECEIVED BY 3:30 P.M.
FOR THE FOLLOWING DAY'S INSPECTION.

B U I L D I N G P E R M I T

Permit Number: B-040799 PC # 1 RD #436
Bldg. Address: 9791 ADAMS Tract: NA Lot: NA Block: NA
EXIST. BLDG. Building Use: COM -EXHAUST HOOD
Owner:
POLLY'S PIES
SAME

Contractor:
C & C DEVELOPMENT
2050 MARTHA
SANTA ANA CA 92706
Ph. 542-7612
St.No. 471503 City Lic. A162206

Designer:
ERNEST ANDREW LONG
1045 DIXIE DR
HEMET CA 92543
Ph. (909)766-7754
St. No. C14527

Remarks: EXHAUST HOOD AND SHAFT CONSTRUCTION

Sq.Ft. Res/Com:
Garage :
Misc. :
No. Stories:
No. Families:
Valuation: 2500
Bldg. Code:
Desc.:
Occ. Group: B2
Occ. Load:
Zone: C2
Public Building? NO
Constr. Type: VN
Census Code: 437
Bldg. Use: COM
Park. Spaces:
Entitlement(s):
Coastal Permit? NO
Application: 07/25/94 Plancheck:
Authorized: Building: 07/25/94 GK Planning: 07/25/94 KK
Fire Dept.: Public Works:
Issued: 07/25/94 GHG #B-040799 Released: 07/25/94 GHG

PERMIT FEES

DESCRIPTION	AMOUNT	ACCOUNT	DESCRIPTION	AMOUNT	ACCOUNT
INSPECTION	59.00	RAACD23430600	ISSUANCE	20.00	RAACD23430600
PLANCHECK	54.28	RAACD23470500	PENALTY	0.00	RAACD23483000
LIBRARY	0.00	RAACD23471100	PARKS & REC.	0.00	RSKCD23435500
CONSERVATION	0.50	GAA 00020116	P/PLANCHECK	0.00	RAACD23133800
MICRO COPY	1.00	GUU 00022555			
		TOTAL FEE	134.78		

Issued: 07/25/94 GHG #B-040799 Released: 07/25/94 GHG

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

(This section need not be completed if the permit is for one hundred dollars ($100) or less.)
I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to Worker's Compensation Laws.

Date _____ Applicant _____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Worker's Compensation provisions of the Labor Code, you must forthwith comply with such provision or this permit shall be deemed revoked.

LICENSED CONTRACTORS DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Number _____ Lic. Class _____
Contractor _____ Date _____

☐ I am exempt from the licensing requirements as I am a licensed architect or a registered professional engineer acting in my professional capacity (Section 7051, Business and Professions Code).

Lic. or Reg. No. _____ Date _____

THIS BOX FOR REGISTER VALIDATION ONLY

2206/90 25Jul94 001/12 $134.78 B040799 BUILDPER

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self insure, or a certificate of Worker's Compensation Insurance, or a certified copy thereof (Sec 3800, Lab. C)

Policy No. _____ Company _____

☐ Certified copy is hereby furnished.
☑ Certified copy is filed with the city building inspection department.

Date _____ Applicant _____

If work is not commenced 180 days from date of issue of this permit, or if work is abandoned for more than 180 days, this permit shall be null and void.

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason. [(Sec. 7031.5) Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the Contractor's License Law (Chapter 9) (commencing with Section 7000) of Division 3 of the Business and Professions Code, or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500).]:

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale. (Sec. 7044) Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner/builder will have the burden of proving that he did not build or improve for the purpose of sale.

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project. (Sec. 7044) Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.

☐ I am exempt under Sec. _____ B. & P.C. for this reason

Date _____ Owner _____

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which the permit is issued (Sec 3097, Civ. C.).

Lender's Name _____
Lender's Address _____

I certify that I have read this application and state that the above information is correct. I agree to comply with all city ordinances and state laws relating to building construction, and hereby authorize representatives of this city to enter upon the above mentioned property for inspection purposes.

Signature of Applicant or Agent _____ Date _____

No. 068733

WHITE COPY - INSPECTOR. BLUE COPY - COUNTY, CANARY COPY - OFFICE, GREEN COPY - APPLICANT, PINK COPY - TREASURER

INSPECTOR

FORM 140-Rev 12/89

CITY OF HUNTINGTON BEACH

2000 MAIN ST.
HUNTINGTON BEACH, CA 92648

№ 013891

DEPARTMENT OF
COMMUNITY DEVELOPMENT
P.O. BOX 190 - CALIFORNIA 92648
(714) 536-5241

B U I L D I N G P E R M I T

9791 Adams

Permit Number: B019545
Bldg. Address: 9791 ADAMS Tract: NA Lot: NA PC # 556 Block: NA RD. #436
EXIST. BLDG. Building Use: COMMERCIAL

Owner:
POLLY'S PIES INC.
14325 ISELI ROAD
SANTA FE SPRINGS CA 90670
Ph. (213)921-5209

Contractor:
BRILLIANT SIGNS
1648 N O'DONNELL B
ORANGE CA 92667
Ph. ( )000-0000
St. No. 506564 City Lic. A111324

Architect or Engineer
NA

Comments: REPLACE: POLE SIGN AND REFURBISH WALL MOUNTED SIGN

Public Building? YES
Sq. Ft. Living: No. Stories: Valuation: 4000
Garage: No. Families: Bldg. Code: ALTER
Desc.:
Occ. Group: Constr. Type: Occ. Load:
Zone:
Census Code: 999 Bldg. Use: COMM Park. Spaces:
Planning Action: Coastal Permit? NO

Appl. Date: 10/16/90 Landuse: Authorized: GH 10/16/90

Plancheck: MV 10/16/90 PC Receipt # 286440

Issued: JMS 10/29/90 Permit/Receipt # B-019545

PERMIT FEES

DESCRIPTION	AMOUNT	ACCOUNT	DESCRIPTION	AMOUNT	ACCOUNT
INSPECTION	53.40	RAACD23430600	PROCESSING	10.00	RAACD23430600
PLANCHECK	34.71	** PAID **	PENALTY	0.00	RAACD23483000
LIBRARY	0.00	RAACD23471100	PARKS-REC	0.00	RAACD23435500
CONSERVATION	0.60	GAA 00020116	PC-PLANNING	0.00	RAACD23172600
CR.DUE	4.68-	RAACD23430600			
		TOTAL FEE	59.32		

EXPIRED

Issued: JMS 10/29/90 Permit/Receipt # B-019545 Date: 1/24/96

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

(This section need not be completed if the permit is for one hundred dollars ($100) or less.)
I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to Worker's Compensation Laws.

Date _____ Applicant _____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Worker's Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

LICENSED CONTRACTORS DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Number _____ Lic. Class _____

Contractor: _____ Date _____

☐ I am exempt from the licensing requirements as I am a licensed architect or a registered professional engineer acting in my professional capacity (Section 7051, Business and Professions Code).

Lic. or Reg. No. _____ Date _____

THIS BOX FOR REGISTER VALIDATION ONLY

2302/91 29Oct90 001/10 $59.32 B019545 BUILDPERMI

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self insure, or a certificate of Worker's Compensation Insurance, a certified copy thereof (Sec. 3800, Lab. C)

Policy No _____ Company _____

☐ Certified copy is hereby furnished
☐ Certified copy is filed with the city building inspection department

Date _____ Applicant _____

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☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale. (Sec. 7044) *Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.*

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project. (Sec. 7044) *Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.*

☐ I am exempt under Sec. _____, B. & P.C. for this reason _____

Date _____ Owner _____

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.)

Lender's Name _____

Lender's Address _____

I certify that I have read this application and state that the above information is correct. I agree to comply with all city ordinances and State laws relating to building construction, and hereby authorize representatives of this city to enter upon the above-mentioned property for inspection purposes.

_____ Signature of Applicant or Agent _____ Date

№ 013891

WHITE COPY - INSPECTOR, BLUE COPY - COUNTY, GOLD COPY - OFFICE, GREEN COPY - APPLICANT, PINK COPY - TREASURER
INSPECTOR

FORM 140 Rev 12 89

A 52120

BUILDING PERMIT

Applicant to fill in area within heavy lines only.

CITY OF HUNTINGTON BEACH
DEPARTMENT OF
DEVELOPMENT SERVICES
P.O. BOX 190 - CALIFORNIA 92648
(714) 536-5241

BUILDING ADDRESS: 9791 ADAMS

Lot No. | Tract No. | Block No.

Owner: POLLY'S PIES

Address: SAME | Tel. No.

City: HUNTINGTON BCH. | State: Cif. | Zip

Contractor: NIWART SIGNMAKERS | T.L. No. 547-2343

Address: 2305 W. 2nd St. | State Lic. No. 375.250

City: SANTA ANA | Class Lic. No. A058098

Architect or Engineer | Tel. No.

Address | Lic. No.

City | State | Zip

Sq. Ft. Living | No. of Stories | No. of Families

Sq. Ft. Garage | Description of Work: INSTALL MONUMENT SIGN (ILLUM.)

Use of Bldg.: Com'l.

Valuation (Including Labor & Mat.): 3000

Check One: NEW ☒ | ADD ☐ | ALTER ☐ | REPAIR ☐ | DEMOL. ☐ | RELOCATE ☐

I have read this application and agree to comply with all local and state laws applicable to building construction.
☒ 1. I am validly registered and licensed as required by the City of Huntington Beach and the State of California, or
☐ 2. I am the legal owner of the above described property.
I have filed with the City of Huntington Beach:
☐ 1. A certificate of consent to self-insure issued by the Director of Industrial Relations, or
☒ 2. A certificate of workers' compensation insurance issued by an admitted insurer, or
☐ 3. An exact copy or duplicate thereof certified by the Director or the insurer, or
☐ 4. I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers compensation laws of the State of California.
I certify (or declare) under penalty of perjury that the foregoing is true and correct, and that this declaration was executed on the 192 day of ____, 192__ at Huntington Beach, California.

Contractor
Permittee

If work is not commenced 180 days from date of issue of this permit, or if work is abandoned for more than 180 days, this permit shall be null and void.

Building Address: 9791 ADAMS | Plan Check No. 12495

Occupancy | Type of Construction | Occ. Load

Grp | Div

Use Zone: C2 | Use: Com. | Parking Spaces Required

Planning Action: SP 83-3 | Coastal Permit Zone ☐ Yes ☐ No

Land Use Approved By: [illegible] Date: 10/18/83 | FEES: Permit $ 38.50

Permit Authorized By: [illegible] Date: 10-18-83 | Plan Check $ 25.50

Permit Issued By: [illegible] Date: 10/18/83 | Conservation $ .50

Receipt No. 171111 | TOTAL $ 64.50

Community Enrichment Library Fee: Sq. Ft. ____ Fee $ ____

Remarks:

Inspection Record

Approval	Date	Inspector
Foundation and Location	11-7-83	[illegible]
Floor Slabs		
Sheathing		
Framing		
Lath or Drywall		
Brown Coat		
Parking		
Landscaping		
Land Use Conditions		
Final		
Utility Release		

EXPIRED
061995
Date:
By: [illegible]

INSPECTOR

1

A 49309

BUILDING PERMIT

CITY OF HUNTINGTON BEACH
DEPARTMENT OF
DEVELOPMENT SERVICES
P.O. BOX 190 - CALIFORNIA 92648
(714) 536-5241

Applicant to fill in area within heavy lines only.

BUILDING ADDRESS: 9791 Adams

Lot No.	Tract No.	Block No.
Owner: Pollyp Restaurant		
Address: Same		Tel. No.
City: HB	State:	Zip:
Contractor: Neon Art (Wood Art)	State Lic. No. 312-236	
Address: 3505 W. Rialto 2nd	State Lic. No. 315.50	
City: S.A.	City Lic. No. H058098	
Architect or Engineer		Tel. No.
Address		Lic. No.
City	State	Zip

Sq. Ft. Living	No. of Stories	No. of Families
Sq. Ft. Garage	Description of Work: 2 sets channel letters (illum) + pole	
~~Alum on exterior stucco pole~~		
Use of Building: Pizza Restaurant		
Valuation (Including Labor & Mat.): 2000.		

Check One: NEW ☐ ADD ☑ ALTER ☐ REPAIR ☐ DEMOL. ☐ RELOCATE ☐

I have read this application and agree to comply with all local and state laws applicable to building construction.
☑ 1. I am validly registered and licensed as required by the City of Huntington Beach and the State of California, or
☐ 2. I am the legal owner of the above described property.
I have filed with the City of Huntington Beach:
☐ 1. A certificate of consent to self-insure issued by the Director of Industrial Relations, or
☑ 2. A certificate of workers' compensation insurance issued by an admitted insurer, or
☐ 3. An exact copy or duplicate thereof certified by the Director or the insurer, or
☐ 4. I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers compensation laws of the State of California.
I certify or declare under penalty of perjury that the foregoing is true and correct, and this declaration was executed on the ___ day of ___, 19__, at Huntington Beach, California.

Permittee

If work is not commenced 180 days from date of issue of this permit, or if work is abandoned for more than 180 days, this permit shall be null and void.

Building Address: 9791 Adams		Plan Check No. 12112
Occupancy Grp / Div	Type of Construction	Occ. Load
Use Zone: C-2	Use: Comm	Parking Spaces Required: —
Planning Action		Coastal Permit Zone ☐ Yes ☑ No
Land Use Approved By: [illegible]	Date: 5/6/83	FEES: Permit $ 32.50
Plan Check Approved By: [illegible]	Date: 5/11/83	Plan Check $ 21.50
Permit Issued By: B	Date: 11	Conservation $ .50
Receipt No. 187754		TOTAL $ 54.50
Community Enrichment Library Fee: Sq. Ft. ___	Fee $ ___	
Remarks: 60" & 37½"		
plck pd 5/6/83 #187577		

Inspection Record

Approval	Date	Inspector
Foundation and Location		
Floor Slabs		
Shear Wall		
Framing		
Lath or Drywall		
Brown Coat		
Parking		
Landscaping		
Land Use Conditions		
Final		
Utility Release		

EXPIRED
Date: 061995
By: [illegible]

INSPECTOR

1

A 49153

BUILDING PERMIT

Applicant to fill in area within heavy lines only.

CITY OF HUNTINGTON BEACH
DEPARTMENT OF
DEVELOPMENT SERVICES
P.O. BOX 190 · CALIFORNIA 92648
(714) 830-5241

BUILDING ADDRESS: 9791 ADAMS

Lot No. | Tract No. | Block No.

Owner: EDD INVEST.

Address: 14325 ISEL | Tel. No.

City: SANTA FE SPRINGS | State: CA | Zip

Contractor: CARLSON DESIGN | Tel. No.: 773-3104

Address: PO BOX 819 | State Lic. No.: 261205

City: ANAHEIM CA 92805 | City Lic. No.: 2671

Architect or Engineer | Tel. No.

Address | Lic. No.

City | State | Zip

Sq. Ft. Living | No. of Stories: 1 | No. of Families: 0

Sq. Ft. Garage: 0 | Description of Work: REMOVE OLD FACADE & PLASTER WALL EXPOSE & WINDOWS AND REMOVE FA.

Use of Building: RESTAURANT

Valuation (Including Labor & Mat.): 2200.00

Check One: NEW ☐ ADD ☐ ALTER ☒ REPAIR ☐ DEMOL. ☐ RELOCATE ☐

Building Address: 9791 ADAMS | Plan Check No.: 12090

Occupancy | Type of Construction | Occ. Load

Grp | Div

Use Zone: C2 | Use: Comm | Parking Spaces Required: —

Planning Action | Coastal Permit Zone: ☐ Yes ☒ No

Land Use Approved By: [illegible] 4-25-83 | FEES: Permit $38.50

Permit Authorized By: [illegible] 4-25-83 | Plan Check $25.50

Permit Issued By: B 4/25/83 | Conservation $ .50

Receipt No. 117366 | TOTAL $ 64.50

Community Enrichment
Library Fee: Sq. Ft. _____ Fee $ _____

Remarks: exterior

I have read this application and agree to comply with all local and state laws applicable to building construction.

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☐ 2. I am the legal owner of the above described property.

I have filed with the City of Huntington Beach:

☐ 1. A certificate of consent to self-insure issued by the Director of Industrial Relations, or
☒ 2. A certificate of workers' compensation insurance issued by an admitted insurer, or
☐ 3. An exact copy or duplicate thereof certified by the Director or the insurer, or
☐ 4. I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers compensation laws of the State of California.

I certify (or declare) under penalty of perjury that the foregoing is true and correct, and this declaration was executed on the 25 day of April, 1983 at Huntington Beach, California.

[signature]
Permittee

If work is not commenced 180 days from date of issue of this permit, or if work is abandoned for more than 180 days, this permit shall be null and void.

Inspection Record

Approval	Date	Inspector
Foundation and Location		
Floor Slabs		
Sheathing		
Framing		
Lath or Drywall		
Brown Coat		
Parking		
Landscaping		
Land Use Conditions		
Final	5-25-83	[illegible]
Utility Release		

INSPECTOR

1

A 48638

BUILDING PERMIT

Applicant to fill in area within heavy lines only.

CITY OF HUNTINGTON BEACH
DEPARTMENT OF
DEVELOPMENT SERVICES
P.O. BOX 190 - CALIFORNIA 92648
(714) 536-5241

BUILDING ADDRESS: 9791 ADAMS AVE			
Lot No.	Tract No.	Block No.	
Owner: E.D.D. Gallyp Pin 213			
Address: 14325 ISELI	Tel. No. 921-7203		
City: SANTA FE SPRINGS	State: CA	Zip	
Contractor: CARLSON DESIGN & CONST	Tel. No. 776-3104		
Address: PO BOX 819	State Lic. No. 261205		
City: ANAHEIM 92805	City Lic. No. 27671		
Architect or Engineer	Tel. No.		
Address	Lic. No.		
City	State	Zip	
Sq. Ft. Living	No. of Stories	No. of Families	
Sq. Ft. Garage	Description of Work: R/R		
RESTAURANT DINING			
ALOA - DEMO PARTITIONS, ETC.			
Use of Building: RESTAURANT			
Valuation (Including Labor & Mat.): 9000			

Check One: NEW ☐ ADD ☐ ALTER ☒ REPAIR ☐ DEMOL. ☐ RELOCATE ☐

I have read this application and agree to comply with all local and state laws applicable to building construction.
☒ 1. I am validly registered and licensed as required by the City of Huntington Beach and the State of California, or
☐ 2. I am the legal owner of the above described property.
I have filed with the City of Huntington Beach:
☐ 1. A certificate of consent to self-insure issued by the Director of Industrial Relations, or
☒ 2. A certificate of workers' compensation insurance issued by an admitted insurer, or
☐ 3. An exact copy or duplicate thereof certified by the Director or the insurer, or
☐ 4. I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers compensation laws of the State of California.
I certify (or declare) under penalty of perjury that the foregoing is true and correct and this declaration was executed on the 28 day of MARCH, 19 83 at Huntington Beach, California.

Permittee

If work is not commenced 180 days from date of issue of this permit, or if work is abandoned for more than 180 days, this permit shall be null and void.

Building Address: 9791 ADAMS			Plan Check No. 11,988
Occupancy Grp. R Div. 3	Type of Construction: VB		Occ. Load 140
Use Zone: C-2	Use: RESTAURANT	Parking Spaces Required: 1	SINGLE STORY
Planning Action: N/A		Coastal Permit Zone ☐ Yes ☒ No	
Land Use Approved By: 3-8-83 Date		FEES: Permit $ 74.50	
Permits Authorized By: 3/8/83 Date		Plan Check $ 48.50	
Permit Issued By: 3-8-83 Date		Conservation $ .63	
Receipt No. 186360		TOTAL $	
Community Enrichment Library Fee: Sq. Ft. ____ Fee $ ____			

Remarks: SEATING CAPACITY SHALL NOT be increased from current standard. INTERIOR ALTERATIONS ONLY

Inspection Record		
Approval	Date	Inspector
Foundation and Location		
Floor Slabs		
Sheathing		
Framing	4-28-83	Paul
Lath or Drywall	5-2-83	Paul
Brown Coat		
Parking		
Landscaping		
Land Use Conditions		
Final	6-1-83	Paul
Utility Release		

INSPECTOR

1

BUILDING PERMIT

DEPARTMENT OF BUILDING — CITY OF HUNTINGTON BEACH

NOTICE

No framing inspection will be made until the job has progressed in a satisfactory manner. All City Ordinances, requirements, and imposed conditions shall be complied with prior to final inspection. A Certificate of Occupancy will be issued only when all such conditions have been met.

Use Zone: C-2

Zoning Approved By: H.M. Date: 6/24/70

Group: Type: Plan Ck.:

Remarks: * Legal: Poc. S. 1/2, SE 1/4, SE 1/4, Sec 6, T.6.S., R10W
AP #153-171-01

FEES

Building Permit $ 40.00	
Plan Check $	Paid Misc. Rec. No.

Permit Prepared by: [illegible]

Permit Authorized by: OCC — Date: 6-24-70

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regulating building construction.

I hereby certify that I am properly registered with and/or licensed as required by the City of Huntington Beach and/or State of California, or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued I shall not employ any person in violation of the workmen's compensation laws of the State of California.

Signature of Permittee: [illegible] Date: 6-24-70

Original Permit PC #103 Jan-Feb

For Applicant to fill in

Job No. 68302

Address: 9791 Adams

Lot No. * Tract No. Blk. No.

Please Attach Metes & Bounds (2 Copies)

Owner: Original Housing Pies

Owner's Address: Same

Description of Work: Install Sign - 1 Pole Sign

Use of Building: Comm - Restaurant

Area of Building: [redacted] Valuation $ 5,000.00

Contractor: Carter Sign Co.

Address: 3321 W. Carter St., L.A.

State Lic. No.: 221033 — 546-3811

INSPECTION RECORD

APPROVAL	DATE	INSPECTOR
Foundation and Location	7-8-70	Ben Martinez
Reinforcing		
Roof Shtg.		
Rough Frame		
Lath or Drywall		
Plas. Brown Ct.		
Final	7-29-70	Ben Martinez
Utility Release		

VALIDATION BY CASHIER

Plan Check

Bldg. Pt. 40.00 PP CA Bo.

Routing: (1) Bldg. Inspector (2) Office File (3) Statistics (4) Records (5) Owner

BUILDING PERMIT

DEPARTMENT OF BUILDING — CITY OF HUNTINGTON BEACH

NOTICE

No framing inspection will be made until the job has progressed in a satisfactory manner. All City Ordinances, requirements, and imposed conditions shall be complied with prior to final inspection. A Certificate of Occupancy will be issued only when all such conditions have been met.

Use Zone C-2

Zoning Approved By H.J.M. Date 4/7/70

Group Type Plan Ck.

Remarks: Legal: POR. S.½, SE.¼, SE.¼, Sec. 6, T.6S, R.10W. A.P. #153-171-01

FEES

Building Permit $ 151.50	75.75
Plan Check $	Paid 8113 Misc. Rec. No. 3-31-70
Permit Prepared by	
Permit Authorized by	Date 4/7/70

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regulating building construction.

I hereby certify that I am properly registered with and/or licensed as required by the City of Huntington Beach and/or State of California, or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued I shall not employ any person in violation of the workmen's compensation laws of the State of California.

Signature of Permittee _____ Date 4/7/70

For Applicant to fill in

Job 9791 No. 67139

Address ~~[illegible]~~ Adams Ave

Lot No. * Tract No. Blk. No.

Please Attach Metes & Bounds (2 Copies)

Owner The Original House of Pizza

Owner's Address 5900 Rodeo Rd., L.A.

Description of Work New Restaurant (Shopping Ctr.)

Use of Building Coffee Shop

Area of Building 3840# Valuation $ 50,000

Contractor Owner

Address

State Lic. No. 8710840

INSPECTION RECORD

APPROVAL	DATE	INSPECTOR
Foundation and Location	5-12-70	Berdlin/[illegible]
Reinforcing		
Roof Shtg.	6-4-70	Berdlin/[illegible]
Rough Frame	6-17-70	Berdlin/[illegible]
Lath or Drywall	6-24-70	Berdlin/[illegible]
Plus. Brown Ct.	6-25-70	Berdlin
Final	7-29-70	[illegible]
Utility Release		

VALIDATION BY CASHIER

Plan Check 151.50 [illegible]

Bldg. Pt.

Check #191

Routing: (1) Bldg. Inspector (2) Office File (3) Statistics (4) Records (5) Owner

BUILDING PERMIT

DEPARTMENT OF BUILDING — CITY OF HUNTINGTON BEACH

NOTICE

No framing inspection will be made until the job has progressed in a satisfactory manner. All City Ordinances, requirements, and imposed conditions shall be complied with prior to final inspection. A Certificate of Occupancy will be issued only when all such conditions have been met.

Use Zone

Zoning Approved By [illegible] Date 12-17-69

Group | Type | Plan Ck.

Remarks: * Per SE 1/4, Sec 6-6S-11W NW cor Brookhurst & Adams

FEES

Building Permit $ 168.00	$ 84.00
Plan Check $	Paid $304 Misc. Rec. No. 4 1 6 61

Permit Prepared by [illegible]

Permit Authorized by [illegible] Date 12/17/69

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regulating building construction.

I hereby certify that I am properly registered with and/or licensed as required by the City of Huntington Beach and/or State of California, or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued I shall not employ any person in violation of the workmen's compensation laws of the State of California.

Signature of Permittee Byron W. Kelley Date 12/17/69

PC 7-2

For Applicant to fill in — Bldg B

Job — No. 55551

Address 9791-9807 Adams

Lot No. X Tract No. Blk. No.

Please Attach Metes & Bounds (2 Copies)

Owner Lawrence J. Dorfala

Owner's Address 2930 Westwood Blvd, L.A.

Description of Work New

Use of Building Retail Store Building

Area of Building 7200 # | Valuation $ 60,480

Contractor C.K.S. Const.

Address 533 Fremont - LA

State Lic. No. 225 146 | MA 71236

INSPECTION RECORD

APPROVAL	DATE	INSPECTOR
Foundation and Location	2-24-70	[illegible]
Reinforcing	5-4-70	Bendlin/[illegible]
Roof Shtg.	5-10-70	Bendlin/[illegible]
Rough Frame	5-18-70	Bendlin/[illegible]
Lath or Drywall	5-25-70	Bendlin/[illegible]
Plas. Brown Ct.	5-28-70	Bendlin/[illegible]
Final	7-6-70	Bendlin
Utility Release	7-17-70	[illegible]

VALIDATION BY CASHIER

Plan Check

Bldg. Pt. 168.00 [illegible]

Routing: (1) Bldg. Inspector (2) Office File (3) Statistics (4) Records

CITY OF HUNTINGTON BEACH

DEPARTMENT OF BUILDING & SAFETY

2000 Main St., Huntington Beach, CA 92648

For Inspections Call: (714) 536-5241

Inspector:
Andino, Richard (714) 374-1693

THIS IS NOT A VALID / ISSUED PERMIT

Permit Number:	B2010-002343	**Sprinklered?**	No	**Valuation:**	$35,000.00
Date Issued:		**Zone:**	CG	**Coastal Permit?**	No
Building Address:	9882 Adams Ave	**Block**		**No. Families:**	
Date Entered:	05/04/2010	**Tract:**		**No. Stories:**	
Building Use:	C-MISC	**Lot:**		**Public Building?**	No

Owner

TARGET CORP
1000 NICOLLET MALL
MINNEAPOLIS MN 55401
6127611576

Contractor

Project Description: CANCEL THIS APPLICATION (NOT NEEDED)

Occ. Group	Construction Type	Occupancy Load

Permit Fees:						
	Inspection:	$623.79	**Park & Rec:**	$0.00	**Microfilm:**	$17.16
	Building Plan Review:	$492.80	**Library:**	$0.00	**Penalty:**	$0.00
	Planning Plan Review:	$436.65	**Traffic Impact:**	$0.00	**Extension:**	$0.00
	Processing:	$31.20	**Dev Impact Fees:**	$0.00	**C/O:**	$0.00
	SMIP:	$9.35	**Demolition:**	$0.00	**Permit Total:**	$1,610.95
					Outstanding Amount:	$1,610.95

Permit Details

Building	**Related Items**	**Unit Type**	**Quantity**	**Permit Fees: Inspection**	**Plan Review**
	STRUCTURAL FOR ROOF TOP HVAC C/O		1	$623.79	$492.80

Cancelled

9882 Adams

WORKERS' COMPENSATION DECLARATION

I hereby affirm under penalty of perjury one of the following declarations:
[ ] I have and will maintain a certificate of consent to self-insure for workers' compensation as provided for by Section3700 of the Labor Code, for the performance of the work for which this permit is issued.
[ ] I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation policy information is: Carrier: _____ Policy Number: _____ Expires:
Agent:_____ Phone (612) 761-1576
[ ] I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, anc agree that if I should become subject to the workers' compensation provision of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

WARNING: FAILURE TO SECURE WORKERS COMPENSATION COVERAGE IS UNLAWFUL AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS ($100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3700 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect. License No.: _____ License Class: _____
Contractor's Signature:_____ Date:_____
IF WORK IS NOT COMMENCED 180 DAYS FROM DATE OF ISSUE OF THIS PERMIT, OR IF THE WORK IS ABANDONED FOR MORE THAN 180 DAYS, THIS PERMIT SHALL BE SUBJECT TO EXPIRATION.

OWNER-BUILDER DECLARATION (Declaration Form Attached)

CONSTRUCTION LENDING AGENCY

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C).
Lender:_____ Address:_____

DECLARATION BY CONSTRUCTION PERMIT APPLICANT

By my signature below, I certify to each of the following: I am
[ ] A California licensed contractor; or
[ ] The property owner*; or
[ ] Authorized to act on the property owner's behalf
I certify that I have read this construction application and that the information I have provided is correct. I agree to comply with all City and County ordinaces and State Laws relating to building construction. I authorize representatives of this City or County to enter upon the above-identified property for inspection purposes.
California Licensed Contractor, Property Owner* or Authorized Agent**

Signature: _____ Date:_____
*Requires separate verification form
**Requires separate authorization form

CITY OF HUNTINGTON BEACH

DEPARTMENT OF BUILDING & SAFETY
2000 Main St., Huntington Beach, CA 92648
For Inspections Call: (714) 536-5241

Inspector:
Andino, Richard (714) 374-1693

BUILDING PERMIT

Permit Number:	B2010-001646	**Sprinklered?**	No	**Valuation:**	$125,000.00
Date Issued:	10/08/2010	**Zone:**	CG	**Coastal Permit?**	No
Building Address:	9882 Adams Ave	**Block**		**No. Families:**	
Date Entered:	03/31/2010	**Tract:**		**No. Stories:**	
Building Use:	C-MISC	**Lot:**		**Public Building?**	No

Owner	Contractor	
TARGET CORP 1000 NICOLLET MALL MINNEAPOLIS MN 55401 6127611576	WHITING TURNER CONTRACTING CO 3 CORPORATE PARK #100 IRVINE CA 92714 0008630800	

Project Description: RELOCATE EXISTING AND PROVIDE NEW STORAGE RACKS MAX 15' TALL****TARGET****
(REF. #B2010001502 FOR T.I.)

Occ. Group	Construction Type	Occupancy Load

Permit Fees:						
	Inspection:	$1,395.16	**Park & Rec:**	$0.00	**Microfilm:**	$53.56
	Building Plan Review:	$1,102.20	**Library:**	$0.00	**Penalty:**	$0.00
	Planning Plan Review:	$976.61	**Traffic Impact:**	$0.00	**Extension:**	$0.00
	Processing:	$31.20	**Sanitation:**	$0.00	**C/O:**	$0.00
	SMIP:	$31.25	**Demolition:**	$0.00	**Permit Total:**	$3,799.98
					Outstanding Amount:	$0.00

Permit Details				Permit Fees: Inspection	Plan Review
Building	**Related Items**	**Unit Type**	**Quantity**	$1,395.16	$1,102.20
	STORAGE RACKS		1		

WORKERS' COMPENSATION DECLARATION

I hereby affirm under penalty of perjury one of the following declarations:
[ ] I have and will maintain a certificate of consent to self-insure for workers' compensation as provided for by Section3700 of the Labor Code, for the performance of the work for which this permit is issued.
[ ] I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation policy information is: Carrier: ZURICH Policy Number: WC386588206 Expires:
Agent: _____ Phone (000) 863-0800
[ ] I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that if I should become subject to the workers' compensation provision of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

WARNING: FAILURE TO SECURE WORKERS COMPENSATION COVERAGE IS UNLAWFUL AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS ($100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3700 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect. License No.: 311107 License Class: B1-A
Contractor's Signature: _____ Date: 10-8-10
IF WORK IS NOT COMMENCED 180 DAYS FROM DATE OF ISSUE OF THIS PERMIT, OR IF THE WORK IS ABANDONED FOR MORE THAN 180 DAYS, THIS PERMIT SHALL BE SUBJECT TO EXPIRATION.

OWNER-BUILDER DECLARATION (Declaration Form Attached)

CONSTRUCTION LENDING AGENCY

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C).
Lender: _____ Address: _____

DECLARATION BY CONSTRUCTION PERMIT APPLICANT

By my signature below, I certify to each of the following: I am
[ ] A California licensed contractor; or
[ ] The property owner*; or
[ ] Authorized to act on the property owner's behalf
I certify that I have read this construction application and that the information I have provided is correct. I agree to comply with all City and County ordinaces and State Laws relating to building construction. I authorize representatives of this City or County to enter upon the above-identified property for inspection purposes.
California Licensed Contractor, Property Owner* or Authorized Agent**

Signature: _____ Date: 10-8-10
*Requires separate verification form
**Requires separate authorization form

CITY OF HUNTINGTON BEACH

DEPARTMENT OF BUILDING & SAFETY
2000 Main St., Huntington Beach, CA 92648
For Inspections Call: (714) 536-5241

Inspector:
Andino, Richard (714) 374-1693

BUILDING PERMIT

Permit Number:	B2010-001502	**Sprinklered?**	No	**Valuation:**	$500,000.00
Date Issued:	07/09/2010	**Zone:**	CG	**Coastal Permit?**	No
Building Address:	9882 Adams Ave	**Block**		**No. Families:**	
Date Entered:	03/25/2010	**Tract:**		**No. Stories:**	
Building Use:	C-MISC	**Lot:**		**Public Building?**	No

Owner	Contractor	
TARGET CORP 1000 NICOLLET MALL MINNEAPOLIS MN 55401 6127611576	WHITING TURNER CONTRACTING CO 3 CORPORATE PARK #100 IRVINE CA 92714 0008630800	

Project Description: INT.TI.ONLY: REMODEL EXSTG 129,356 SF RETAIL STORE FOR NEW REFRIGERATION UNITS, COOLERS & FREEZERS****INCLDS R/R EXSTG ROOF TOP UNITS****TARGET****

Occ. Group	Construction Type	Occupancy Load

Permit Fees:						
	Inspection:	$3,914.56	**Park & Rec:**	$0.00	**Microfilm:**	$89.96
	Building Plan Review:	$3,092.50	**Library:**	$0.00	**Penalty:**	$0.00
	Planning Plan Review:	$2,740.19	**Traffic Impact:**	$0.00	**Extension:**	$0.00
	Processing:	$31.20	**Sanitation:**	$0.00	**C/O:**	$0.00
	SMIP:	$125.00	**Demolition:**	$0.00	**Permit Total:**	$10,698.21
					Outstanding Amount:	$0.00

Permit Details

Building	Related Items	Unit Type	Quantity	Permit Fees: Inspection	Plan Review
	TENANT IMPROVEMENT		1	$3,914.56	$3,092.50

WORKERS' COMPENSATION DECLARATION

I hereby affirm under penalty of perjury one of the following declarations:
[X] I have and will maintain a certificate of consent to self-insure for workers' compensation as provided for by Section3700 of the Labor Code, for the performance of the work for which this permit is issued.
[ ] I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation policy information is: Carrier: ZURICH Policy Number: WC386588206 Expires:
Agent:_____ Phone (000) 863-0800
[ ] I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that if I should become subject to the workers' compensation provision of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

WARNING: FAILURE TO SECURE WORKERS COMPENSATION COVERAGE IS UNLAWFUL AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS ($100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3700 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect. License No.: 371107 License Class: B1, A
Contractor's Signature:_____ Date: 7/9/10
IF WORK IS NOT COMMENCED 180 DAYS FROM DATE OF ISSUE OF THIS PERMIT, OR IF THE WORK IS ABANDONED FOR MORE THAN 180 DAYS, THIS PERMIT SHALL BE SUBJECT TO EXPIRATION.

OWNER-BUILDER DECLARATION (Declaration Form Attached)

CONSTRUCTION LENDING AGENCY

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C).
Lender:_____ Address:_____

DECLARATION BY CONSTRUCTION PERMIT APPLICANT

By my signature below, I certify to each of the following: I am
[ ] A California licensed contractor; or
[ ] The property owner*; or
[ ] Authorized to act on the property owner's behalf
I certify that I have read this construction application and that the information I have provided is correct. I agree to comply with all City and County ordinaces and State Laws relating to building construction. I authorize representatives of this City or County to enter upon the above-identified property for inspection purposes.
California Licensed Contractor, Property Owner* or Authorized Agent**

Signature:_____ Date: 7/9/10
*Requires separate verification form
**Requires separate authorization form

CITY OF HUNTINGTON BEACH

DEPARTMENT OF BUILDING & SAFETY

2000 Main St., Huntington Beach, CA 92648

For Inspections Call: (714) 536-5241

Inspector:

Benbow, Jeff (714) 536-5680

THIS IS NOT A VALID / ISSUED PERMIT

Permit Number:	B2009-003067	**Sprinklered?**	No	**Valuation:**	$500,000.00
Date Issued:		**Zone:**	CG	**Coastal Permit?**	No
Building Address:	9882 Adams Ave	**Block**		**No. Families:**	
Date Entered:	06/08/2009	**Tract:**		**No. Stories:**	
Building Use:	C-MISC	**Lot:**		**Public Building?**	No

Owner	Contractor	
TARGET CORP 1000 NICOLLET MALL MINNEAPOLIS MN 55401 6127611576		

Project Description: INT.TI.ONLY: REMODEL EXSTG 129,356 SF RETAIL STORE FOR NEW REFRIGERATION UNITS, COOLERS & FREEZERS****INCLDS R/R EXSTG ROOF TOP UNITS****TARGET****

Occ. Group	Construction Type	Occupancy Load

Permit Fees:

Inspection:	$2,880.76	**Park & Rec:**	$0.00	**Microfilm:**	$1.08
Building Plan Review:	$2,189.38	**Library:**	$0.00	**Penalty:**	$0.00
Planning Plan Review:	$2,016.53	**Traffic Impact:**	$0.00	**Extension:**	$0.00
Processing:	$31.69	**Dev Impact Fees:**	$0.00	**C/O:**	$0.00
SMIP:	$125.00	**Demolition:**	$0.00	**Permit Total:**	$7,244.44
				Outstanding Amount:	$7,244.44

Permit Details

Building	Related Items	Unit Type	Quantity	Permit Fees: Inspection	Plan Review
	INT.TI.ONLY		1	$2,880.76	$2,189.38

cancelled

WORKERS' COMPENSATION DECLARATION

I hereby affirm under penalty of perjury one of the following declarations:
[ ] I have and will maintain a certificate of consent to self-insure for workers' compensation as provided for by Section3700 of the Labor Code, for the performance of the work for which this permit is issued.
[ ] I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation policy information is: Carrier: _____ Policy Number: _____ Expires:
Agent:_____ Phone (612) 761-1576
[ ] I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that if I should become subject to the workers' compensation provision of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

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Contractor's Signature:_____ Date:_____
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OWNER-BUILDER DECLARATION (Declaration Form Attached)

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[ ] The property owner*; or
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California Licensed Contractor, Property Owner* or Authorized Agent**

Signature: _____ Date:_____
*Requires separate verification form
**Requires separate authorization form

CITY OF HUNTINGTON BEACH

DEPARTMENT OF BUILDING & SAFETY

2000 Main St., Huntington Beach, CA 92648

For Inspections Call: (714) 536-5241

Inspector:

Benbow, Jeff (714) 536-5680

BUILDING PERMIT

Permit Number:	B2006-007215	**Sprinklered?**	No	**Valuation:**	$3,500.00
Date Issued:	09/28/2006	**Zone:**	CG	**Coastal Permit?**	No
Building Address:	10001 Adams Ave	**Block**	10	**No. Families:**	
Date Entered:	09/28/2006	**Tract:**	S0006	**No. Stories:**	
Building Use:	C-MISC	**Lot:**	5	**Public Building?**	No

Owner	Contractor	
RODGERS JOHN H 2828 N HASKELL AVE DALLAS TX 75204 0000000000	HEIMAN CONSTRUCTION CORP 742 GENEVIEVE ST #U SOLANA BEACH CA 92075 8588470244	

Project Description: *****PERMIT CANCELLED BY CITY---SEE NEW B2006-004406 FOR EXT.DEMO---PC 10/16/06****
REMOVE EXTERIOR STUCCO ON FACADE OF ****STARBUCKS**** **NO C OF O REQ.**

Occ. Group	Construction Type	Occupancy Load

Permit Fees:						
	Inspection:	$102.89	**Park & Rec:**	$0.00	**Microfilm:**	$1.02
	Building Plan Review:	$0.00	**Library:**	$0.00	**Penalty:**	$0.00
	Planning Plan Review:	$0.00	**Traffic Impact:**	$0.00	**Extension:**	$0.00
	Processing:	$29.91	**Dev Impact Fees:**	$0.00	**C/O:**	$0.00
	SMIP:	$0.74	**Demolition:**	$0.00	**Permit Total:**	$134.56
					Outstanding Amount:	$0.00

Permit Details

Building	Related Items	Unit Type	Quantity	Permit Fees: Inspection	Plan Review
	REMOVE STUCCO		1	$102.89	

10001
Adams

WORKERS' COMPENSATION DECLARATION

I hereby affirm under penalty of perjury one of the following declarations:
[ ] I have and will maintain a certificate of consent to self-insure for workers' compensation as provided for by Section3700 of the Labor Code, for the performance of the work for which this permit is issued.
[ ] I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation policy information is: Carrier: STATE FUND Policy Number: 0012264-2006 Expires:
Agent:_____ Phone (000) 000-0000
[ ] I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that if I should become subject to the workers' compensation provision of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

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LICENSED CONTRACTOR'S DECLARATION

I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect. License No.: 446698 License Class: B
Contractor's Signature:_____ Date:_____
IF WORK IS NOT COMMENCED 180 DAYS FROM DATE OF ISSUE OF THIS PERMIT, OR IF THE WORK IS ABANDONED FOR MORE THAN 180 DAYS, THIS PERMIT SHALL BE SUBJECT TO EXPIRATION.

OWNER-BUILDER DECLARATION (Declaration Form Attached)

CONSTRUCTION LENDING AGENCY

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C).
Lender:_____ Address:_____

DECLARATION BY CONSTRUCTION PERMIT APPLICANT

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[ ] Authorized to act on the property owner's behalf
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California Licensed Contractor, Property Owner* or Authorized Agent**

Signature: _____ Date:_____
*Requires separate verification form
**Requires separate authorization form

CITY OF HUNTINGTON BEACH

DEPARTMENT OF BUILDING & SAFETY

2000 Main St., Huntington Beach, CA 92648

For Inspections Call: (714) 536-5241

Inspector:

Benbow, Jeff (714) 536-5680

BUILDING PERMIT

Permit Number:	B2006-007213	**Sprinklered?**	No	**Valuation:**	$25,000.00
Date Issued:	10/10/2006	**Zone:**	CG	**Coastal Permit?**	No
Building Address:	10001 Adams Ave	**Block**	10	**No. Families:**	
Date Entered:	09/28/2006	**Tract:**	S0006	**No. Stories:**	
Building Use:	C-MISC	**Lot:**	5	**Public Building?**	No

Owner

RODGERS JOHN H
2828 N HASKELL AVE
DALLAS TX 75204
0000000000

Contractor

HEIMAN CONSTRUCTION CORP
742 GENEVIEVE ST #U
SOLANA BEACH CA 92075
8588470244

Project Description: INSTALL (3) LIGHT POLE STANDARDS FOR ***STARBUCKS*** PARKING LOT ****NO C OF O REQ.****

Occ. Group	Construction Type	Occupancy Load

Permit Fees:

Inspection:	$348.39	**Park & Rec:**	$0.00	**Microfilm:**	$12.82
Building Plan Review:	$264.78	**Library:**	$0.00	**Penalty:**	$0.00
Planning Plan Review:	$243.88	**Traffic Impact:**	$0.00	**Extension:**	$0.00
Processing:	$29.91	**Dev Impact Fees:**	$0.00	**C/O:**	$0.00
SMIP:	$5.25	**Demolition:**	$0.00	**Permit Total:**	$905.03
				Outstanding Amount:	$0.00

Permit Details

Building	Related Items	Unit Type	Quantity	Permit Fees: Inspection	Plan Review
	LIGHT POLE STANDARDS		3	$348.39	$264.78

WORKERS' COMPENSATION DECLARATION

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[ ] I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation policy information is: Carrier: STATE FUND Policy Number: 046-0012264 Expires:
Agent:_____ Phone (000) 000-0000
[ ] I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that if I should become subject to the workers' compensation provision of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

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LICENSED CONTRACTOR'S DECLARATION

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Contractor's Signature:_____ Date:_____
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OWNER-BUILDER DECLARATION (Declaration Form Attached)

CONSTRUCTION LENDING AGENCY

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California Licensed Contractor, Property Owner* or Authorized Agent**

Signature: _____ Date:_____
*Requires separate verification form
**Requires separate authorization form

CITY OF HUNTINGTON BEACH

DEPARTMENT OF BUILDING & SAFETY

2000 Main St., Huntington Beach, CA 92648

For Inspections Call: (714) 536-5241

Inspector:

Benbow, Jeff (714) 536-5680

BUILDING PERMIT

Permit Number:	B2006-004406	**Sprinklered?**	No	**Valuation:**	$120,000.00
Date Issued:	10/16/2006	**Zone:**	CG	**Coastal Permit?**	No
Building Address:	10001 Adams Ave	**Block**	10	**No. Families:**	
Date Entered:	06/13/2006	**Tract:**	S0006	**No. Stories:**	
Building Use:	C-MISC	**Lot:**	5	**Public Building?**	No

Owner

VOIT COMMERCIAL BROKERAGE
4370 LA JOLLA VILLAGE DRIVE #990
SAN DIEGO CA 92122
8584530505

Contractor

HEIMAN CONSTRUCTION CORP
742 GENEVIEVE ST #U
SOLANA BEACH CA 92075
8588470244

Project Description: INTERIOR TI AND EXTERIOR FACADE REMODEL FOR NEW RESTAURANT
****STARBUCKS COFFEE****C OF O IN FILE****

Occ. Group	Construction Type	Occupancy Load
B	Type V - N	4

Permit Fees:

Inspection:	$945.35	**Park & Rec:**	$0.00	**Microfilm:**	$99.39
Building Plan Review:	$838.19	**Library:**	$0.00	**Penalty:**	$0.00
Planning Plan Review:	$661.75	**Traffic Impact:**	$0.00	**Extension:**	$0.00
Processing:	$29.91	**Dev Impact Fees:**	$0.00	**C/O:**	$260.25
SMIP:	$25.20	**Demolition:**	$0.00	**Permit Total:**	$2,860.04
				Outstanding Amount:	$0.00

Permit Details

Building	Related Items	Unit Type	Quantity	Permit Fees: Inspection $945.35	Plan Review $514.48
	INT. T.I.		1		
	EXT.T.I.		1		

WORKERS' COMPENSATION DECLARATION

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[ ] I have and will maintain a certificate of consent to self-insure for workers' compensation as provided for by Section3700 of the Labor Code, for the performance of the work for which this permit is issued.
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Agent:_____ Phone (858) 453-0505
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California Licensed Contractor, Property Owner* or Authorized Agent**

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**Requires separate authorization form

CITY OF HUNTINGTON BEACH

DEPARTMENT OF BUILDING & SAFETY

2000 Main St., Huntington Beach, CA 92648

For Inspections Call: (714) 536-5241

Inspector:

Solorzano, Ruben (714) 374-1740

BUILDING PERMIT

Permit Number:	B2006-000105	**Sprinklered?**	No	**Valuation:**	$1,305.00
Date Issued:	01/05/2006	**Zone:**	CG	**Coastal Permit?**	No
Building Address:	10001 Adams Ave	**Block**	10	**No. Families:**	
Date Entered:	01/05/2006	**Tract:**	S0006	**No. Stories:**	
Building Use:	C-MISC	**Lot:**	5	**Public Building?**	No

Owner	Contractor	
CPOMG PSP 4370 LA JOLLA VILLAGE DR SAN DIEGO CA 92122 8584530505		

Project Description: 219 LF 6'H CHAIN LINK FENCE WITH SCREEN MESH---INSTALLATION PER MANUFACTURER'S SPECIFICATIONS

Occ. Group	Construction Type	Occupancy Load

Permit Fees:						
	Inspection:	$54.89	**Park & Rec:**	$0.00	**Microfilm:**	$1.08
	Building Plan Review:	$0.00	**Library:**	$0.00	**Penalty:**	$0.00
	Planning Plan Review:	$0.00	**Traffic Impact:**	$0.00	**Extension:**	$0.00
	Processing:	$19.95	**Dev Impact Fees:**	$0.00	**C/O:**	$0.00
	SMIP:	$0.50	**Demolition:**	$0.00	**Permit Total:**	$76.42
					Outstanding Amount:	$0.00

Permit Details

Building	Related Items	Unit Type	Quantity	Permit Fees: Inspection	Plan Review
	Chain Link or Wood Fence Per Lineal Foot: All	FT	219	$54.89	

expired

WORKERS' COMPENSATION DECLARATION

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California Licensed Contractor, Property Owner* or Authorized Agent**

Signature: _____ Date:_____
*Requires separate verification form
**Requires separate authorization form

No. 070555

CITY OF HUNTINGTON BEACH

CALL INSPECTION REQUESTS MUST BE RECEIVED BY 3:30 P.M. FOR THE HUNTINGTON BEACH, CA INSPECTION.

DEPARTMENT OF COMMUNITY DEVELOPMENT
P.O. BOX 190 - CALIFORNIA 92648
(714) 536

BUILDING PERMIT

Permit Number: B-040916 PC # 425 RD #437
Bldg. Address: 10001 ADAMS Tract: NA Lot: NA Block: NA
EXIST. BLDG. Building Use: COMM.RALLY'S SIGNS
Owner:
RALLY'S INC.
5150 CANDLEWOOD 18
LAKEWOOD CA
Ph. (310)804-0693

Contractor:
(NO CONTRACTOR)

Designer:
NA

Remarks: ILLUMINATED SIGNS, 3 BUILDING SIGNS, 1 MONUMENT, 2 OUT SIDE MENUS & 2 DIRECTIONAL SIGNS

Sq.Ft. Res/Com:
Garage :
Misc. :
Desc.:
Occ. Group:
Public Building? NO
Census Code: 999

No. Stories:
No. Families:
Occ. Load:
Constr. Type:
Bldg. Use: REST

Valuation: 10000
Bldg. Code: ADD
Zone: C2-FP2
Park. Spaces:

Entitlement(s): SSP 93-9 Coastal Permit? NO
Application: 08/01/94 Plancheck: 08/01/94 NB #297855
Authorized: Building: 08/11/94 GH Planning: 08/16/94 SM
Fire Dept.: Public Works:
Issued: 08/18/94 ECD #B-040916 Released: 08/18/94 ECD

PERMIT FEES

DESCRIPTION	AMOUNT	ACCOUNT	DESCRIPTION	AMOUNT	ACCOUNT
INSPECTION	122.00	RAACD23430600	ISSUANCE	20.00	RAACD23430600
PLANCHECK	112.24	** PAID **	PENALTY	0.00	RAACD23483000
LIBRARY	0.00	RAACD23471100	PARKS & REC.	0.00	RSKCD23435500
CONSERVATION	2.10	GAA 00020116	P/PLANCHECK	0.00	RAACD23133800
MICRO COPY	2.00	GUU 00022555			
		TOTAL FEE	146.10		

Issued: 08/18/94 ECD #B-040916 Released: 08/18/94 ECD

EXPIRED

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

(This section need not be completed if the permit is for one hundred dollars ($100) or less.)
I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to Worker's Compensation laws.

Date _____ Applicant _____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you become subject to the Worker's Compensation provisions of the Labor Code, you must forthwith comply with such provision or this permit shall be deemed revoked.

LICENSED CONTRACTORS DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Number 445769 Lic. Class C45
Contractor TOM KANE VISCO Date 8/18/94

☐ I am exempt from the licensing requirements as I am a licensed architect or a registered professional engineer acting in my professional capacity (Section 7051, Business and Professions Code).

Lic. or Reg. No. _____ Date _____

THIS BOX FOR REGISTER VALIDATION ONLY

3230/29 [illegible]

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self insure, or a certificate of Worker's compensation insurance, or a certified copy thereof (Sec. 3800, Lab. C).

Policy No. _____ Company _____

☐ Certified copy is hereby furnished.
☐ Certified copy is filed with the city building inspection department.

Date _____ Applicant _____

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason: [(Sec. 7031.5) Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the Contractor's License Law (Chapter 9) (commencing with Section 7000) of Division 3 of the Business and Professions Code, or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500)]:

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale. (Sec. 7044) Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.)

☐ I, as owner of this property, am exclusively contracting with licensed contractors to construct the project. (Sec. 7044) Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.

☐ I am exempt under Sec. _____ B. & P.C. for this reason

Date _____ Owner _____

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name _____
Lender's Address _____

I certify that I have read this application and state that the above information is correct. I agree to comply with all city ordinances and State laws relating to building construction, and hereby authorize representatives of this city to enter upon the above mentioned property for inspection purposes.

Signature of Applicant or Agent _____ Date 08/18/94

No. 070555

If work is not commenced 180 days from date of issue of this permit or if work is abandoned for more than 180 days, this permit shall be null and void.

WHITE COPY - INSPECTOR, BLUE COPY - COUNTY, CANARY COPY - OFFICE, GREEN COPY - APPLICANT, PINK COPY - TREASURER

FORM 140-Rev. 12/89

INSPECTOR

APPLICATION FOR BUILDING PERMIT A № 8709

Applicant to fill in area within heavy lines only.

CITY OF HUNTINGTON BEACH
DEPARTMENT OF BUILDING
AND COMMUNITY DEVELOPMENT
(714) 536-5241

BUILDING ADDRESS 10001 Adams Ave	
Lot No. SW 4 SEC 15 / Tract No. T65 / Block No. R/LW	Building Address 10001 ADAMS / Plan Check No.
Owner Southland Corp	Group / Type of Construction / Occ. Load
Address 1001 Adams Ave	Zone C2 / Use SER. STA / Parking Spaces Required
City Hunt. Beach / State CA / Zip	Planning Action NA / Coastal Permit Zone Yes ☐ No ☒
Contractor P.B.R. Co. / Tel. No. 772-4020	Land Use Approved By [signature] / Date 11-1-76
Address 1020 E. Vermont St. / Lic. No. 187317	FEES #19905
City Anaheim / Lic. Class. C-45	Plan Check $ / Permit $ 10.00 / $ .50
Architect or Engineer / Tel. No.	Permit Authorized By JM Date 11-1-76 / Permit Issued By [illegible] Date 11/1/76
Address / Lic. No.	Remarks:
City / Zip	
Sq. Ft. Size 25 / No. of Stories / No. of Families	
Description of Work: Erect (1) 4'4"x6'-0½" - 25 ft [redacted] Price Sign @ 7'-0" a/a ht.	
Use of Building	
Valuation (Including Labor & Mat)	

Check One: NEW ☒ / ADD ☐ / ALTER ☐ / REPAIR ☐ / DEMOL. ☐ / RELOCATE ☐

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regarding building construction.

I hereby certify that I am properly registered and licensed as required by the City of Huntington Beach and the State of California, or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued I shall not employ any person in violation of the workmen's compensation laws of the State of California.

I declare under penalty of perjury that all the above is complete, true and correct.

Signature of Permittee [signature] Date 10/6/76

If work is not started within 120 days from date of issue or if abandoned for more than 120 days, this permit will be null and void.

Approval	Inspection Record Date	Inspector
Foundation and Location	11-15-76	Paul
Floor Slabs		
Sheathing		
Framing		
Lath or Drywall		
Brown Coat		
Parking		
Landscaping		
Land Use Conditions		
Final	1-12-77	Paul
Utility Release		

APPLICATION FOR BUILDING PERMIT A № 8708

Applicant to fill in area within heavy lines only.

CITY OF HUNTINGTON BEACH
DEPARTMENT OF BUILDING
AND COMMUNITY DEVELOPMENT
(714) 536-5241

BUILDING ADDRESS 10001 Adams Ave

Lot No. SW 4 SE 15 + 65	Tract No.	Block No. R.16W
Owner Southland Corp		
Address 1001 Adams		
City Hunt Beach.	State CA.	Zip
Contractor PPG	Tel. No. 772-4000	
Address 1020 E. Lierenout St	Lic. No. 187317	
City Anaheim	Lic. Class C45	
Architect or Engineer	Tel. No.	
Address	Lic. No.	
City	Zip	

Sq. Ft. Size 25	No. of Stories	No. of Families

Description of Work Erect (1) 4'4" + 6'6½" - 25 ft Price Sign @ 7'-0" O/A Ht.

Use of Building

Valuation (Including Labor & Mat)

Check One: NEW ☑ ADD ☐ ALTER ☐ REPAIR ☐ DEMOL. ☐ RELOCATE ☐

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regarding building construction.

I hereby certify that I am properly registered and licensed as required by the City of Huntington Beach and the State of California, or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued I shall not employ any person in violation of the workmen's compensation laws of the State of California.

I declare under penalty of perjury that all the above is complete, true and correct.

Signature of Permittee [signature] Date 10/6/76

If work is not started within 120 days from date of issue or if abandoned for more than 120 days, this permit will be null and void.

Building Address 10001 ADAMS		Plan Check No.
Group	Type of Construction	Occ. Load
Zone C2	Use SER. STA.	Parking Spaces Required
Planning Action NA		Coastal Permit Zone Yes ☐ No ☑
Land Use Approved By DJ		Date 11-1-76

FEES #19405

Plan Check $	Permit $ 10.00	$ .50
Permit Authorized By TM Date 11-1-76	Permit Issued By [illegible] Date 10/1/76	

Remarks:

Inspection Record

Approval	Date	Inspector
Foundation and Location	11-15-76	Paul
Floor Slabs		
Sheathing		
Framing		
Lath or Drywall		
Brown Coat		
Parking		
Landscaping		
Land Use Conditions		
Final	1-12-77	Paul
Utility Release		

APPLICATION FOR BUILDING PERMIT A № 8707

Applicant to fill in area within heavy lines only.

CITY OF HUNTINGTON BEACH
DEPARTMENT OF BUILDING
AND COMMUNITY DEVELOPMENT
(714) 536-5241

BUILDING ADDRESS 10001 ~~1001~~ Adams Ave

Lot No. SW ¼ SEC | Tract No. 13 465 | Block No. R16 W

Owner Southland Corp

Address 1001 Adams

City Hunt Beach | State CA | Zip

Contractor P.B.R. Co. | Tel. No. 772-4020

Address 1020 E. Vermont St | Lic. No. 187317

City Anaheim | Lic. Class C-45

Architect or Engineer | Tel. No.

Address | Lic. No.

City | Zip

Sq. Ft. Size 25 | No. of Stories | No. of Families

Description of Work Erect (1) 4'4" x 6'0" x 1'0" 25 Ft T.D. Monument Sign C 10'0/4 Ht.

Use of Building

Valuation (Including Labor & Mat.)

Check One: NEW ☑ ADD ☐ ALTER ☐ REPAIR ☐ DEMOL. ☐ RELOCATE ☐

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regarding building construction.

I hereby certify that I am properly registered and licensed as required by the City of Huntington Beach and the State of California, or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued I shall not employ any person in violation of the workmen's compensation laws of the State of California.

I declare under penalty of perjury that all the above is complete, true and correct.

Signature of Permittee [signature] Date 10/6/76

If work is not started within 120 days from date of issue or if abandoned for more than 120 days, this permit will be null and void.

Building Address 10001 Adams | Plan Check No.

Group | Type of Construction | Occ. Load

Zone C 2 | Use Sec Sta | Parking Spaces Required

Planning Action NA | Coastal Permit Zone Yes ☐ No ☒

Land Use Approved By [signature] Date 11-1-76

FEES #19905

Plan Check $ | Permit $ 10.00 | $ .50

Permit Authorized By [signature] Date 11-1-76 | Permit Issued By [signature] Date

Remarks:

Inspection Record		
Approval	Date	Inspector
Foundation and Location	11-15-76	[signature]
Floor Slabs		
Sheathing		
Framing		
Lath or Drywall		
Brown Coat		
Parking		
Landscaping		
Land Use Conditions		
Final	1-12-77	[signature]
Utility Release		

A 44-45

APPLICATION FOR BUILDING PERMIT A № 8171

Applicant to fill in area within heavy lines only.

CITY OF HUNTINGTON BEACH
DEPARTMENT OF BUILDING
AND COMMUNITY DEVELOPMENT
(714) 536-5241

BUILDING ADDRESS 10001 Adams

Lot No. Misc. Map Book 51, Page 4	Tract No.	Block No.	
Owner Southland Corp			
Address 2222 Martin, Suite 155, Irvine 92664			
City Irvine	State Calif	Zip 92664	
Contractor Javaglione Co	Tel. No. 684-8870		
Address 3405 Arlington Ave	Lic. No. 278-222		
City Riverside, Calif	Lic. Class NA		
Architect or Engineer Art Jacobson	Tel. No. 683-2876		
Address 6370 Magnolia, Riv	Lic. No.		
City Riverside	Zip		
Sq. Ft. Size 1600	No. of Stories 1	No. of Families	
Description of Work			
Use of Building Service Station			
Valuation (Including Labor & Mat) None			

Check One
- NEW ☐
- ADD ☐
- ALTER ☐
- REPAIR ☐
- DEMOL. ☒
- RELOCATE ☐

Building Address 10001 ADAMS			Plan Check No.
Group	Type of Construction		Occ. Load
Zone C2	Use COMM	Parking Spaces Required	
Planning Action		Coastal Permit Zone	Yes ☐ No ☑
Land Use Approved By		Date 9-20-76	

FEES Conservation

Plan Check $	Permit $ 5.00	$ .50
Permit Authorized By Date 9-20-76	Permit Issued By Date 9-20-76	

Remarks:

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regarding building construction.

I hereby certify that I am properly registered and licensed as required by the City of Huntington Beach and the State of California, or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued I shall not employ any person in violation of the workmen's compensation laws of the State of California.

I declare under penalty of perjury that all the above is complete, true and correct.

Signature of Permittee Steven Lee Fulp Date 9/20/76

If work is not started within 120 days from date of issue or if abandoned for more than 120 days, this permit will be null and void.

Inspection Record		
Approval	Date	Inspector
Foundation and Location		
Floor Slabs		
Sheathing		
Framing		
Lath or Drywall		
Brown Coat		
Parking		
Landscaping		
Land Use Conditions		
Final	1-12-77	Paul
Utility Release		

18683

APPLICATION FOR BUILDING PERMIT

A 4445

Applicant to fill in area within heavy lines only.

CITY OF HUNTINGTON BEACH
DEPARTMENT OF BUILDING
AND COMMUNITY DEVELOPMENT
(714) 536-5241

BUILDING ADDRESS: 10001 ADAMS

Lot No.: X Sw 1/4 Sec 5 T6S R10W | Tract No. | Block No.

Owner: SOUTHLAND CORP.

Address: 2222 MAIN ST CALIF

City: IRVINE | State | Zip

Contractor: TAVAGLIONE CONST | Tel. No. 714 848870

Address: 3405 ARLINGTON AVE | Lic. No. 278222

City: RIVERSIDE | Lic. Class

Architect or Engineer: ART JACOBSON | Tel. No. 714 683 2876

Address: Magnolia Ave. | Lic. No.

City: Riverside | Zip

Sq. Ft. Size | No. of Stories: 1 | No. of Families

Description of Work: Self serve gas station

Use of Building: gasoline

Valuation (Including Labor & Mat): 41,208 00

Check One: NEW ☒ ADD ☐ ALTER ☐ REPAIR ☐ DEMOL. ☐ RELOCATE ☐

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I declare under penalty of perjury that all the above is complete, true and correct.

Signature of Permittee: Louis Tavaglione Date 7-8-76

If work is not started within 120 days from date of issue or if abandoned for more than 120 days, this permit will be null and void.

Building Address: 10001 ADAMS | Plan Check No. 7688

Group: F-1 | Type of Construction: IV-N | Occ. Load

Zone: C2 | Use: Comm | Parking Spaces Required: 2

Planning Action: AR76-81 | Coastal Permit Zone: Yes ☐ No ☒

Land Use Approved By: DBL | Date 8-24-76

#16699 7-8-~~FEES~~.

Plan Check $65.75 | Permit $131.50 | $2.88

Permit Authorized By: E.M. Date 8-24-76 | Permit Issued By: MLW Date 8-24-76

Remarks:

Approval	Inspection Record Date	Inspector
Foundation and Location	10-5-72	Tavaglione
Floor Slabs		
Sheathing		
Framing	stub pipe fab. OK	
Lath or Drywall		
Brown Coat		
Parking		
Landscaping		
Land Use Conditions		
Final	1-12-77	Paul
Utility Release	1-5-77	MW

#18005

1

BUILDING PERMIT

DEPARTMENT OF BUILDING — CITY OF HUNTINGTON BEACH

For Applicant to fill in — No. 97311

NOTICE

No framing inspection will be made until the job has progressed in a satisfactory manner. All City Ordinances, requirements, and imposed conditions shall be complied with prior to final inspection. A Certificate of Occupancy will be issued only when all such conditions have been met.

Job Address: 10001 Adams

Lot No. | Tract No. | Blk. No.

Please Attach Metes and Bounds (3 Copies)

Owner: Phillips Petroleum Co.

Owner's Address: 8301 Florence - Downey

Description of Work: On Site Sale Sign

Use Building: Service Station

Use Zone:

Zoning Approved by: JEB — Date: 10/6/75

Group | Type | Plan Ck.

Area of Building: 4064 — Valuation $: 1,000

Contractor: Owner

Address:

State Lic. No.: 772-7110

Remarks: * Painted on Metal "Haul-Away" trash Container AR # 75-136-

FEES

Building Permit $ 50.00

Plan Check $ — Paid Misc. Rec. No.

Permit Prepared by: Lee

Permit Authorized by: Bruening — Date: 10/6/75

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regarding building construction.

I hereby certify that I am properly registered with and/or licensed as required by the City of Huntington Beach and/or State of California, or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued I shall not employ any person in violation of the workmen's compensation laws of the State of California.

Signature of Permitee: Jerry R. Wallace — Date: 10/6/75

INSPECTION RECORD

Approval	Date	Inspector
Foundation and Location		
Reinforcing		
Roof Shtg.		
Rough Frame		
Lath or Drywall		
Plas. Brown Ct.		
Final	3-26-76	Paul
Utility Release		

VALIDATION BY CASHIER

Lee

Plan Check 50.00 — 010270

Bldg. Pt.

Routing: (1) Bldg. Inspector (2) Office File (3) Statistics (4) Records (5) Owner

BUILDING PERMIT

DEPARTMENT OF BUILDING — CITY OF HUNTINGTON BEACH

PC 492

For Applicant to fill in

Nº 49202

Job

Address 1000 / Adams

Lot No. Tract No. Blk. No.

Please Attach Metes & Bounds (2 Copies)

Owner Phillips Petroleum Co.

Owner's Address

Description of Work Addition

Use of Building Service Station

Area of Building 428 □ Valuation $ 3,801

Contractor Restel Co.

Address 18233 Ventura Blvd.

State Lic. No. 177615 283416-3

ZONING AND BUILDING

Use Zone

	Main Use	Acc. Use

Set Back - C/L ST C/L ST

Side Yard Rt Projection

Side Yard Lt Projection

Rear Yard No Parking Sp. Reqd.

Zoning Approved By Date

Group Type Plan Ck.

Remarks:

FEES

Building Permit $ 26.00 — 1-24-67 13.00

Plan Check $ — Paid 4903 Misc. Rec. No.

Permit Prepared by MB

Permit Authorized by DCC — Date 8/14/67

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regulating building construction.

I hereby certify that I am properly registered with and/or licensed as required by the City of Huntington Beach and/or State of California, or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued I shall not employ any person in violation of the workmen's compensation laws of the State of California.

Signature of Permittee [signature] Date 8/14/67

INSPECTION RECORD

APPROVAL	DATE	INSPECTOR
Foundation and Location	9-12-67	[signature]
Reinforcing		
Roof Shtg.		
Rough Frame		
Lath or Drywall		
Plas. Brown Ct.		
Final	8-6-69	[signature]
Utility Release		

VALIDATION BY CASHIER

Plan Check

Bldg. Pt. 26.00 [signature]

Routing: No. 1 Bldg. Inspector No. 2 Office File No. 3 Statistics No. 4 Owner

1

BUILDING PERMIT

DEPARTMENT OF BUILDING — CITY OF HUNTINGTON BEACH

ZONING AND BUILDING

Use Zone: C-2

Ma. Use | Acc. Use

Set Back - C/L ST | C/L ST

Side Yard Rt | Projection

Side Yard Lt | Projection

Rear Yard | No Parking Sp. Reqd.

Zoning Approved By | Date

Group | Type | Plan Ck.

Remarks:

FEES

Building Permit: $10.00

Plan Check: $5.00 | Paid Misc. Rec. No.

Permit Prepared by: S.O.

Permit Authorized by: [illegible] | Date: 7-18-66

I hereby acknowledge that I have read this application and state that the above is correct and I agree to comply with all ordinances and state laws regulating building construction.

I hereby certify that I am properly registered with and/or licensed as required by the City of Huntington Beach and/or State of California, or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued I shall not employ any person in violation of the workmen's compensation laws of the State of California.

Signature of Permittee: M. H. Bernie Date: 7-18-66

For Applicant to Fill in

№ 43030

Job Address: 10001 Adams

Lot No. | Tract No. | Blk. No.

Please Attach Metes & Bounds (2 Copies)

Owner: Phillips Petroleum

Owner's Address: 3810 W. Lakeview Blvd. 24

Description of Work: Replacing Sign on Pole.

Use of Building: Service Station

Area of Building: 8X8 ft | Valuation: $900.

Contractor: F.B.L. Co.

Address: 923 Arlee, Placentia Calif.

State Lic. No.

INSPECTION RECORD

APPROVAL	DATE	INSPECTOR
Foundation and Location		
Reinforcing		
Roof Shtg.		
Rough Frame		
Lath or Drywall		
Plas. Brown Ct.		
Final	11-4-66	D. Jones
Utility Release		

VALIDATION BY CASHIER

Plan Check

Bldg Pt. $15.00

Routing: No. 1 Bldg. Inspector No. 2 Office File No. 3 Statistics No. 4 Owner

1

BUILDING PERMIT

DEPARTMENT OF BUILDING — CITY OF HUNTINGTON BEACH

P C 404

No. 31670

For Applicant to Fill In

Job 10001 Affonso

Address [redacted]

Lot No. Tract No. Blk No.

Please Attach Metes & Bounds (2 Copies)

Owner Tidewater Oil Co.

Owner's Address 3810 Harbor Blvd. L.A.

Description of Work Installation of Pylon

Use of Building Face in Print Sign

Area of Building — Valuation $ 350.00

Contractor Federal Sign & Signal

Address 3036 So. Oak St. L.A.

State Lic. No. 217731-40 — 546-7087

ZONING AND BUILDING

Use Zone

	Main Use	Acc. Use.
Set Back - C/L ST		C/L ST
Side Yard Rt	Projection	
Side Yard Lt	Projection	
Rear Yard	No Parking Sp. Reqd.	
Zoning Approved By		Date
Group	Type	Plan Ck.

Remarks:

FEES

Building Permit $ 3.00

Plan Check $

Paid Misc. Rec. No.

Permit Prepared by MW

Permit Authorized by OCO — Date 1/22/65

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regulating building construction.

I hereby certify that I am properly registered with and/or licensed as required by the City of Huntington Beach and/or State of California, or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued I shall not employ any person in violation of the workmen's compensation laws of the State of California.

Signature of Permittee W. B. Giles Date 1/22/65

INSPECTION RECORD

APPROVAL	DATE	INSPECTOR
Foundation and Location		
Reinforcing	Plan	
Roof Shtg.		
Rough Frame	Denied	
Lath. or Drywall	10-18-65	
Plas. Brown Ct.		
Final		
Utility Release		

VALIDATION BY CASHIER

Plan Check

Bldg. Pt. 3.00

Routing: No. 1 Bldg. Inspector No. 2 Office File No. 3 Statistics No. 4 Owner

BUILDING PERMIT

DEPARTMENT OF BUILDING — CITY OF HUNTINGTON BEACH

ZONING AND BUILDING

Use Zone

	Main Use	Acc. Use.

Set Back - C/L ST — C/L ST

Side Yard Rt — Projection

Side Yard Lt — Projection

Rear Yard — No Parking Sp. Reqd.

Zoning Approved By — Date

Group — Type — Plan Ck.

Remarks: Plans discarded

FEES

Building Permit $ 45.00	22.50 14-64
Plan Check $	Paid # 17878 Misc. Rec. No. 7410
Permit Prepared by	
Permit Authorized by	Date

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regulating building construction.

I hereby certify that I am properly registered with and/or licensed as required by the City of Huntington Beach and/or State of California, or that I am the legal owner of above described property, and I certify that in the performance of the work for which this permit is issued I shall not employ any person in violation of the workmen's compensation laws of the State of California.

Signature of Permittee: Pacific Steel Corp. Date 10-28-64
by Sidney E. Robinson

For Applicant to Fill in

No. 30210

Job Address 10001 Adams

Lot No. attach to app. Tract No. Blk No.

Please Attach Metes & Bounds (2 Copies)

Owner Tidewater Oil

Owner's Address 1642 Wilshire, L.A. 17

Description of Work New

Use of Building Service Station

Area of Building 2,992 — Valuation $13,700

Contractor Pacific Steel Corp

Address P.O. Box 2628, Pomona

State Lic. No.

INSPECTION RECORD

APPROVAL	DATE	INSPECTOR
Foundation and Location	11/19/64	[illegible]
Reinforcing	1-5-64	[illegible]
Roof Shtg.		
Rough Frame	12/10/64	[illegible]
Lath or Drywall		
Plas. Brown Ct.		
Final	2-15-65	[illegible]
Utility Release		

VALIDATION BY CASHIER

Plan Check

Bldg. Pt. 45.00

PAID

Routing: No. 1 Bldg. Inspector — No. 2 Office File — No. 3 Statistics — No. 4 Owner

BUILDING PERMIT

DEPARTMENT OF BUILDING — CITY OF HUNTINGTON BEACH

No. 29867

ZONING AND BUILDING

Use Zone

	Main Use	Acc. Use.

Set Back - C/L ST — C/L ST

Side Yard Rt — Projection

Side Yard Lt — Projection

Rear Yard — No Parking Sp. Reqd.

Zoning Approved By — Date

Group — Type — Plan Ck.

Remarks:

FEES

Building Permit $ 10.00

Plan Check $ 5.00 — Paid Misc. Rec. No.

Permit Prepared by Bad

Permit Authorized by OCC — Date 10-21-64

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regulating building construction.

I hereby certify that I am properly registered with and/or licensed as required by the City of Huntington Beach and/or State of California, or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued I shall not employ any person in violation of the workmen's compensation laws of the State of California.

Signature of Permittee [illegible] Date 10-21-64

For Applicant to Fill In

Job 10001 ADAMS

Address ~~1714~~ ~~Beach~~ ~~Hurst~~

Lot No. — Tract No. — Blk No.

Please Attach Metes & Bounds (2 Copies)

Owner Tidewater Oil

Owner's Address —

Description of Work Pole Sign

Use of Building Service Station

Area of Building — Valuation $ 1200

Contractor P.B.R. Company

Address 920 Arlee Pl.

State Lic. No. — ANH

INSPECTION RECORD

APPROVAL	DATE	INSPECTOR
Foundation and Location	11/19/64	[illegible]
Reinforcing		
Roof Shtg.		
Rough Frame		
Lath or Drywall		
Plas. Brown Ct.		
Final		
Utility Release		

VALIDATION BY CASHIER

Plan Check

Bldg. Pt. $15.00

OCT 21 1964 CITY OF HUNTINGTON BEACH PAID

Routing: No. 1 Bldg. Inspector — No. 2 Office File — No. 3 Statistics — No. 4 Owner

1

CITY OF HUNTINGTON BEACH

DEPARTMENT OF BUILDING & SAFETY

2000 Main St., Huntington Beach, CA 92648

For Inspections Call: (714) 536-5241

Inspector:

Andino, Richard (714) 374-1693

BUILDING PERMIT

Permit Number:	B2013-000085	**Sprinklered?**	No	**Valuation:**	$23,800.00
Date Issued:	01/03/2013	**Zone:**	CG	**Coastal Permit?**	No
Building Address:	10072 Adams Ave	**Block**		**No. Families:**	
Date Entered:	01/03/2013	**Tract:**		**No. Stories:**	
Building Use:	C-MISC	**Lot:**	1	**Public Building?**	No

Owner

BUSINESS PROPERTIES
17631 FITCH
IRVINE CA 92614
9494748936

Contractor

CLARK ROOFING COMPANY
525 NEW JERSEY STREET #A
REDLANDS CA 92373
9093356300

Project Description: T/O EXISTING. INSTALL BUR COOL ROOF #0738-0002. 75 SQS,VERISCO 60 MIL TPO

Occ. Group	Construction Type	Occupancy Load

Permit Fees:

Inspection:	$484.60	**Park & Rec:**	$0.00	**Microfilm:**	$1.56
Building Plan Review:	$0.00	**Library:**	$0.00	**Penalty:**	$0.00
Planning Plan Review:	$0.00	**Traffic Impact:**	$0.00	**Extension:**	$0.00
Processing:	$31.20	**Dev Impact Fees:**	$0.00	**C/O:**	$0.00
SMIP:	$6.00	**Demolition:**	$0.00	**Permit Total:**	$523.36
				Outstanding Amount:	$0.00

Permit Details

Building	Related Items	Unit Type	Quantity	Permit Fees: Inspection	Plan Review
	BUR COOL ROOF		751	$484.60	

10072
Adams

WORKERS' COMPENSATION DECLARATION

I hereby affirm under penalty of perjury one of the following declarations:
[ ] I have and will maintain a certificate of consent to self-insure for workers' compensation as provided for by Section3700 of the Labor Code, for the performance of the work for which this permit is issued.
[ ] I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation policy information is: Carrier: AMERICAN ZURICH INS Policy Number: WC90-00-854-02 Expires: 12/31/2013
Agent:_____ Phone (949) 474-8936
[ ] I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that if I should become subject to the workers' compensation provision of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

WARNING: FAILURE TO SECURE WORKERS COMPENSATION COVERAGE IS UNLAWFUL AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS ($100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3700 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect. License No.: 765388 License Class: C39
Contractor's Signature:_____ Date:_____
IF WORK IS NOT COMMENCED 180 DAYS FROM DATE OF ISSUE OF THIS PERMIT, OR IF THE WORK IS ABANDONED FOR MORE THAN 180 DAYS, THIS PERMIT SHALL BE SUBJECT TO EXPIRATION.

OWNER-BUILDER DECLARATION (Declaration Form Attached)

CONSTRUCTION LENDING AGENCY

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C).
Lender:_____ Address:_____

DECLARATION BY CONSTRUCTION PERMIT APPLICANT

By my signature below, I certify to each of the following: I am
[ ] A California licensed contractor; or
[ ] The property owner*; or
[ ] Authorized to act on the property owner's behalf
I certify that I have read this construction application and that the information I have provided is correct. I agree to comply with all City and County ordinaces and State Laws relating to building construction. I authorize representatives of this City or County to enter upon the above-identified property for inspection purposes.
California Licensed Contractor, Property Owner* or Authorized Agent**

Signature:_____ Date:_____
*Requires separate verification form
**Requires separate authorization form

CITY OF HUNTINGTON BEACH

DEPARTMENT OF BUILDING & SAFETY
2000 Main St., Huntington Beach, CA 92648
For Inspections Call: (714) 536-5241

Inspector:
Andino, Richard (714) 374-1693

BUILDING PERMIT

Permit Number:	B2012-007117	**Sprinklered?**	No	**Valuation:**	$8,500.00
Date Issued:	12/21/2012	**Zone:**	CG	**Coastal Permit?**	No
Building Address:	10072 Adams Ave	**Block**		**No. Families:**	
Date Entered:	11/27/2012	**Tract:**		**No. Stories:**	
Building Use:	C-MISC	**Lot:**	1	**Public Building?**	No

Owner	Contractor	
BUSINESS PROPERTY PARTNERSHIP NO 15 17631 FITCH IRVINE CA 92614 9494748900	RANCHO VISTA DEVELOPMENT 5255 STATE STREET MONTCLAIR CA 91763 9095483745	

Project Description: UPGRADE DISABLED ACCES PARKING SPACES W/IN (E) PARKING LOT TO COMPLY WITH CURRENT CODE. **COFO NOT REQ'D**

Occ. Group	Construction Type	Occupancy Load

Permit Fees:	**Inspection:**	$232.19	**Park & Rec:**	$0.00	**Microfilm:**	$27.56
	Building Plan Review:	$183.44	**Library:**	$0.00	**Penalty:**	$0.00
	Planning Plan Review:	$162.54	**Traffic Impact:**	$0.00	**Extension:**	$0.00
	Processing:	$31.20	**Dev Impact Fees:**	$0.00	**C/O:**	$0.00
	SMIP:	$2.79	**Demolition:**	$0.00	**Permit Total:**	$639.72
					Outstanding Amount:	$0.00

Permit Details

Building	Related Items	Unit Type	Quantity	Permit Fees: Inspection	Plan Review
	UPGRADE DISABLED ACCESS		1	$232.19	$183.44

WORKERS' COMPENSATION DECLARATION

I hereby affirm under penalty of perjury one of the following declarations:
[ ] I have and will maintain a certificate of consent to self-insure for workers' compensation as provided for by Section3700 of the Labor Code, for the performance of the work for which this permit is issued.
[ ] I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation policy information is: Carrier: STATE COMPENSATION INS FUND Policy Number: 661-0501704 Expires: 02/26/2013
Agent: _____ Phone (909) 548-3745
[ ] I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that if I should become subject to the workers' compensation provision of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

WARNING: FAILURE TO SECURE WORKERS COMPENSATION COVERAGE IS UNLAWFUL AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS ($100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3700 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect. License No.: 776684 License Class: B1
Contractor's Signature: _____ Date: 12/21/12
IF WORK IS NOT COMMENCED 180 DAYS FROM DATE OF ISSUE OF THIS PERMIT, OR IF THE WORK IS ABANDONED FOR MORE THAN 180 DAYS, THIS PERMIT SHALL BE SUBJECT TO EXPIRATION.

OWNER-BUILDER DECLARATION (Declaration Form Attached)

CONSTRUCTION LENDING AGENCY

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C).
Lender: _____ Address: _____

DECLARATION BY CONSTRUCTION PERMIT APPLICANT

By my signature below, I certify to each of the following: I am
[ ] A California licensed contractor; or
[ ] The property owner*; or
[ ] Authorized to act on the property owner's behalf
I certify that I have read this construction application and that the information I have provided is correct. I agree to comply with all City and County ordinaces and State Laws relating to building construction. I authorize representatives of this City or County to enter upon the above-identified property for inspection purposes.
California Licensed Contractor, Property Owner* or Authorized Agent**

Signature: _____ Date: 12/21/12
*Requires separate verification form
**Requires separate authorization form

CITY OF HUNTINGTON BEACH

DEPARTMENT OF BUILDING & SAFETY

2000 Main St., Huntington Beach, CA 92648

For Inspections Call: (714) 536-5241

Inspector:

Andino, Richard (714) 374-1693

BUILDING PERMIT

Permit Number:	B2012-005410	**Sprinklered?**	No	**Valuation:**	$100,000.00
Date Issued:	12/18/2012	**Zone:**	CG	**Coastal Permit?**	No
Building Address:	10072 Adams Ave	**Block**		**No. Families:**	
Date Entered:	09/05/2012	**Tract:**		**No. Stories:**	
Building Use:	C-MISC	**Lot:**	1	**Public Building?**	No

Owner	Contractor	Architect
BUSINESS PROPERTIES (LC SMULL) 17631 FITCH IRVINE CA 92614 9494748900	RANCHO VISTA DEVELOPMENT 5255 STATE STREET MONTCLAIR CA 91763 9095483745	HUNTINGTON BEACH CA

Project Description: T/I (N) EXTERIOR STOREFRONT, (N) STUCCO, (N) CEILING & FIXTURES, (N) OPENING IN BEARING WALL, PLUMBING, (N) FINISHES **SEARS APPLIANCE & MATTRESS** **C OF O ON FILE**

Occ. Group	Construction Type	Occupancy Load

Permit Fees:						
	Inspection:	$1,263.60	**Park & Rec:**	$0.00	**Microfilm:**	$69.16
	Building Plan Review:	$998.24	**Library:**	$0.00	**Penalty:**	$0.00
	Planning Plan Review:	$884.52	**Traffic Impact:**	$0.00	**Extension:**	$0.00
	Processing:	$31.20	**Dev Impact Fees:**	$0.00	**C/O:**	$0.00
	SMIP:	$25.00	**Demolition:**	$0.00	**Permit Total:**	$3,976.52
					Outstanding Amount:	$0.00

Permit Details

Building	Related Items	Unit Type	Quantity	Permit Fees: Inspection	Plan Review
	T/I		1	$1,263.60	$998.24

WORKERS' COMPENSATION DECLARATION

I hereby affirm under penalty of perjury one of the following declarations:

[ ] I have and will maintain a certificate of consent to self-insure for workers' compensation as provided for by Section3700 of the Labor Code, for the performance of the work for which this permit is issued.

[X] I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation policy information is: Carrier: STATE COMP Policy Number: 661-0501704 Expires:

Agent: _____ Phone (949) 474-8900

[ ] I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that if I should become subject to the workers' compensation provision of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

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LICENSED CONTRACTOR'S DECLARATION

I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect. License No.: 776684 License Class: B1

Contractor's Signature: _____ Date: 12/18/12

IF WORK IS NOT COMMENCED 180 DAYS FROM DATE OF ISSUE OF THIS PERMIT, OR IF THE WORK IS ABANDONED FOR MORE THAN 180 DAYS, THIS PERMIT SHALL BE SUBJECT TO EXPIRATION.

OWNER-BUILDER DECLARATION (Declaration Form Attached)

CONSTRUCTION LENDING AGENCY

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C).

Lender: _____ Address: _____

DECLARATION BY CONSTRUCTION PERMIT APPLICANT

By my signature below, I certify to each of the following: I am

[ ] A California licensed contractor; or

[ ] The property owner*; or

[ ] Authorized to act on the property owner's behalf

I certify that I have read this construction application and that the information I have provided is correct. I agree to comply with all City and County ordinaces and State Laws relating to building construction. I authorize representatives of this City or County to enter upon the above-identified property for inspection purposes.

California Licensed Contractor, Property Owner* or Authorized Agent**

Signature: _____ Date: 12/18/12

*Requires separate verification form

**Requires separate authorization form

No. 124649

CITY OF HUNTINGTON BEACH

2000 MAIN ST.
HUNTINGTON BEACH, CA 92648

DEPARTMENT OF COMMUNITY DEVELOPMENT
P.O. BOX 190 - CALIFORNIA 92648
(714) 536-5241

ALL INSPECTION REQUESTS MUST BE RECEIVED BY 4:30 P.M. FOR THE FOLLOWING DAY'S INSPECTION.

B U I L D I N G P E R M I T

Permit Number: B-060501 PC #9800656 RD 447
Bldg. Address: 10072 ADAMS AV Tract: NA Lot: NA Block: NA
EXIST. BLDG. Building Use: COM -SIGN

Owner:
BUSINESS PROPERTIES
17631 FITCH
IRVINE CA 92713
Ph. (714)474-6900

Contractor:
PLASTILINE INC
13489 SLOVER #8
FONTANA CA 92337
Ph. 909-823-1239 Classes: C45
St.No. 722172 City Lic. A177872

Designer:
NA

expired

Project Description: 2 SETS OF WALL SIGNS; REFACE EXISTING DOUBLE POLE SIGN.

Sq.Ft. Res/Com:
Garage :
Misc. :
Occ. Group:
Public Building? NO
Census Code: 999

No. Stories:
No. Families:
Occ. Load:
Constr. Type:
Bldg. Use: COM

Valuation: 7000
Bldg. Code: SIGN
Zone: CG-FP2
Park. Spaces:
Coastal Permit? NO

Entitlement(s):
Application: 03/27/98 Plancheck: 03/27/98 RO #307281
Authorized: Building: 03/27/98 KN/SH Public Works:
Planning: 04/03/98 SM Fire Dept:
Processed: 04/10/98 LEK #B-060501 Issued: 04/10/98 LEK

* * * PERMIT FEES * * *

DESCRIPTION	AMOUNT	ACCOUNT	DESCRIPTION	AMOUNT	ACCOUNT
INSPECTION	107.50	RAACD23430600	ISSUANCE	25.00	RAACD23433200
PLANCHECK	98.90	** PAID **	PENALTY	0.00	RAACD23483000
LIBRARY	0.00	RLYLS39[illegible]1100	PARKS & REC.	0.00	RSKCD23435500
CONSERVATION	1.47	GAR 00020716	P/PLANCHECK	10.75	** PAID **
DEMOLITION	0.00	RAACD23430600	LIBRARY DEV.	0.00	RLCCD23432800
MICRO COPY	17.00	DUU 00022555			
		TOTAL FEE	150.97		

S27Connected to The Advantage Processor #1

FINAL INSPECTION: INITIALS DATE
See Computer for Inspection Status

Processed: 04/10/98 LEK #B-060501 Issued: 04/10/98 LEK

OK

#4525

WORKERS' COMPENSATION DECLARATION

I hereby affirm under penalty of perjury one of the following declarations:
☐ I have and will maintain a certificate of consent to self-insure for workers' compensation, as provided for by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued.
☑ I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation insurance carrier and policy number are:
Carrier CONTINENTAL CASUALTY
Policy Number WC2123[illegible]
(This section need not be completed if the permit is for one hundred dollars ($100) or less.)
☐ I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

Date: 4/10/98 Applicant:

THIS BOX FOR REGISTER VALUATION ONLY 060501 BLDG INSP
Fri Apr 10, 1998 10:07 AM £105007 #1

WARNING: FAILURE TO SECURE WORKERS' COMPENSATION COVERAGE IS UNLAWFUL, AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS ($100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm under penalty of perjury that I am licensed under provision of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.
License No. 447 License Class C45
Contractor PLASTILINE INC Date 4/10/98

If work is not commenced 180 days from date of issue of this permit, or if work is abandoned for more than 180 days, this permit shall be subject to expiration.

OWNER-BUILDER DECLARATION

I hereby affirm under penalty of perjury that I am exempt from Contractor's License Law for the following reason (Section 7031.5, Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractor's License Law (Chapter 9) (commencing with Section 7000) of Division 3 of the Business and Professions Code) or that he or she is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500).):
☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale. (Sec. 7044, Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or herself or through his or her own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner/builder will have the burden of proving that he or she did not build or improve for the purpose of sale.)
☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law).
☐ I am exempt under Sec. _____
B.&P.C. for this reason _____
Date _____ Owner _____

CONSTRUCTION LENDING AGENCY

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C).
Lender's Name _____
Lender's Address _____

I certify that I have read this application and state that the above information is correct. I agree to comply with all city and county ordinances and State laws relating to building construction, and hereby authorize representatives of this county to enter upon the above-mentioned property for inspection purposes.

Signature of Applicant or Agent Date 4/10/98

No. 124649

FORM 140-Rev. 1/97

WHITE COPY - FILE, BLUE COPY - COUNTY, CANARY COPY - OFFICE, GREEN COPY - APPLICANT, PINK COPY - TREASURER

No. 122474

CITY OF HUNTINGTON BEACH

2000 MAIN ST.
HUNTINGTON BEACH, CA 92648

DEPARTMENT OF
COMMUNITY DEVELOPMENT
P.O. BOX 190 - CALIFORNIA 92648
(714) 536-5241

ALL INSPECTION REQUESTS MUST BE RECEIVED BY 4:30 P.M.
FOR THE FOLLOWING DAY'S INSPECTION.

BR

B U I L D I N G P E R M I T

Permit Number: B-059462 PC #9800146 RD 447
Bldg. Address: 10072 ADAMS AV Tract: NA Lot: NA Block: NA
EXIST. BLDG. Building Use: COM -TI

Owner:
BUS. PROP. PARTNER.
17631 FITCH
IRVINE CA 92614
Ph. (714)474-8900

Contractor:
PERFECT LINE BUILDERS
1015 GREENFIELD
EL CAJON CA 92021
Ph. 619)447-0198
St.Lo. 647325 City Lic. A181806

Designer:
PERFECT LINE BUILDER
1015 GREENFIELD
EL CAJON CA 92020
Ph. (619)447-0198
St. No. 647325

Project Description: TENANT IMPROVEMENT. DEMO PARTITION WALLS; RESTROOMS TO CODE; ENLARGE DOOR TO ACCOMODATE ROLL-UP DOOR. "KRAGEN AUTO PARTS"

Sq.Ft. Res/Com:
Garage : No. Stories: 1 Valuation: 42000
Misc. : No. Families: Bldg. Code: TI
Occ. Group: M Occ. Load: 197 Zone: CG-FP2
Public BuildingND Constr. Type: VN
Census Code: 437 Bldg. Use: COM Park. Spaces:
Entitlement(s): Coastal PermitND
Application: 01/23/98 Plancheck: 01/23/98 LEK #30682;
Authorized: Building: 02/20/98 SFA Public Works:
Planning: 01/23/98 AN Fire Dept:
Processed: 02/20/98 LEK #B-059462 Issued: 02/20/98 LEK

* * * PERMIT FEES * * *

DESCRIPTION	AMOUNT	ACCOUNT	DESCRIPTION	AMOUNT	ACCOUNT
INSPECTION	380.00	RAACD23430600	ISSUANCE	25.00	RAACD23433200
PLANCHECK	349.60	** PAID **	PENALTY	0.00	RAACD23483000
LIBRARY	0.00	RLXLS39171100	PARKS & REC.	0.00	RSKCD23435500
CONSERVATION	8.82	GAA /00020116	P/PLANCHECK	38.00	** PAID **
DEMOLITION	0.00	RAACD23430600	LIBRARY DEV.	0.00	RLCCD23432800
MICRO COPY	29.00	GUU/ 00022555			
		TOTAL FEE	442.82		

FINAL INSPECTION: INITIALS BR DATE 4/29/98

Processed: 02/20/98 LEK #B-059462 Issued: 02/20/98 LEK

WORKERS' COMPENSATION DECLARATION

I hereby affirm under penalty of perjury one of the following declarations:
☐ I have and will maintain a certificate of consent to self-insure for workers' compensation, as provided for by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued.
☒ I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation insurance carrier and policy number are:
Carrier Claredon National
Policy Number 01RA5036208
(This section need not be completed if the permit is for one hundred dollars ($100) or less.
☐ I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.
Date: 2-20-98 Applicant: [signature]

THIS BOX FOR REGISTER VALIDATION ONLY
2051/89 2 $442.82 b059462 BldPrmts
Fri Feb 20, 1998 04:13 PM £45916 §1

WARNING: FAILURE TO SECURE WORKERS' COMPENSATION COVERAGE IS UNLAWFUL, AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS ($100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm under penalty of perjury that I am licensed under provision of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.
License No. 671653 License Class B-2 C-8
Contractor Perfect Line Builders Date 2-20-98

If work is not commenced 180 days from date of issue of this permit, or if work is abandoned for more than 180 days, this permit shall be subject to expiration.

#3683

OWNER-BUILDER DECLARATION

I hereby affirm under penalty of perjury that I am exempt from Contractor's License Law for the following reason (Section 7031.5, Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractor's License Law (Chapter 9) (commencing with Section 7000) of Division 3 of the Business and Professions Code) or that he or she is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500).):
☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale. (Sec. 7044, Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or herself or through his or her own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner/builder will have the burden of proving that he or she did not build or improve for the purpose of sale.)
☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).
☐ I am exempt under Sec. _____, B.&P.C. for this reason _____
Date _____ Owner _____

CONSTRUCTION LENDING AGENCY

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C).
Lender's Name _____
Lender's Address _____

I certify that I have read this application and state that the above information is correct. I agree to comply with all city and county ordinances and State laws relating to building construction, and hereby authorize representatives of this county to enter upon the above-mentioned property for inspection purposes.

[signature] 2-20-98
Signature of Applicant or Agent Date

No. 122474

FORM 140-Rev. 1/97

WHITE COPY - FILE, BLUE COPY - COUNTY, CANARY COPY - OFFICE, GREEN COPY - APPLICANT, PINK COPY - TREASURER

BUILDING PERMIT

A 47441

Applicant to fill in area within heavy lines only.

CITY OF HUNTINGTON BEACH
DEPARTMENT OF
DEVELOPMENT SERVICES
P.O. BOX 190 - CALIFORNIA 92648
(714) 536-5241

BUILDING ADDRESS: 10072 ADAMS

Lot No. | Tract No. | Block No.

Owner: ASHMAN'S SPORTING GOODS

Address: SAME | Tel. No. 557 9881

City: H.B. | State | Zip

Contractor: SUPERIOR ELECT. ADV. | Tel. No. 433 7421

Address: 1700 W. ANAHEIM ST. | State Lic. No. 271598

City: LONG BCH. | City Lic. No. A003658

Architect or Engineer | Tel. No.

Address | Lic. No.

City | State | Zip

Sq. Ft. Living | No. Stories | No. of Families

Sq. Ft. Garage | Description of Work

INSTALL ILLUMINATED (2) WALL ~~[illegible]~~ SIGN

Use of Building

Valuation (Including Labor & Mat.) 1000.00

Check One: NEW ☒ ADD ☐ ALTER ☐ REPAIR ☐ DEMOL. ☐ RELOCATE ☐

Building Address: 10072 ADAMS | Plan Check No. 11,793

Occupancy Grp | Div | Type of Construction | Occ. Load

Use Zone: C-4 | Use: SIGN

Parking Spaces Required

Planning Action: N/A | Coastal Permit Zone ☐ Yes ☐ No

Land Use Approved By ____ Date 11.5.82

Permit Authorized By ____ Date 12/7/82

Permit Issued By B Date 12/5/82

Receipt No. 184558.

FEES: Permit $ 32.50 | Plan Check $ 21.50 | Conservation $ .50 | TOTAL $ 54.50

Community Enrichment Library Fee: Sq. Ft. ____ Fee $ ____

Remarks: Existing

PCK pd. 10/26/82 #184403

I have read this application and agree to comply with all local and state laws applicable to building construction.

☒ 1. I am validly registered and licensed as required by the City of Huntington Beach and the State of California, or

☐ 2. I am the legal owner of the above described property.

I have filed with the City of Huntington Beach:

☒ 1. A certificate of consent to self-insure issued by the Director of Industrial Relations, or

☐ 2. A certificate of workers' compensation insurance issued by an admitted insurer, or

☐ 3. An exact copy or duplicate thereof certified by the Director or the insurer, or

☐ 4. I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers compensation laws of the State of California.

I certify (or declare) under penalty of perjury that the foregoing is true and correct, and this declaration was executed on the 22 day of ____, 19 82 at Huntington Beach, California.

[signature] Permittee

If work is not commenced 180 days from date of issue of this permit, or if work is abandoned for more than 180 days, this permit shall be null and void.

Inspection Record

Approval	Date	Inspector
Foundation and Location		
Floor Slabs		
Sheathing		
Framing		
Lath or Drywall		
Brown Coat		
Parking		
Landscaping		
Land Use Conditions		
Final	12-9-82	[signature]
Utility Release		

1

INSPECTOR

BUILDING PERMIT

A 47442

Applicant to fill in area within heavy lines only.

CITY OF HUNTINGTON BEACH
DEPARTMENT OF
DEVELOPMENT SERVICES
P.O. BOX 190 - CALIFORNIA 92648
(714) 536-5241

BUILDING ADDRESS: 16072 ADAMS

Lot No. | Tract No. | Block No.

Building Address: 16072 ADAMS | Plan Check No. 11,795

Owner: OSHMAN'S SPORTING GOODS

Occupancy: Grp. Div. | Type of Construction | Occ. Load

Address: SAME | Tel. No. 557 9881

Use Zone: C-4 | Use: COMM. SIGN | Parking Spaces Required

City: H.B. | State: CA. | Zip

Planning Action: N/A | Coastal Permit Zone ☐ Yes ☐ No

Contractor: SUPERIOR ELECTRIC ADV | Tel. No. 433 7421

Land Use Zoning By: ____ Date 11/5/82 | FEES: Permit $10.00

Address: 1700 W. ANAHEIM ST. | State Lic. No. 271598

Permit Authorized By: ____ Date 11/5/82 | Plan Check $6.50

City: LONG BEACH | City Lic. No. B003658

Permit Issued By: B Date 11/5/82 | Conservation $ .50

Architect or Engineer | Tel. No.

Receipt No. 184558 | TOTAL $ 16.50

Address | Lic. No.

Community Enrichment Library Fee: Sq. Ft. ____ Fee $ ____

City | State | Zip

Remarks: Existing Sign

Sq. Ft. Living | No. of Stories | No. of Families

Sq. Ft. Garage | Description of Work: CHANGE COPY ON FREE STANDING SIGN

Check One: NEW ☒ | ADD ☐ | ALTER ☐ | REPAIR ☐ | DEMOL. ☐ | RELOCATE ☐

Use of Building

Valuation (Including Labor & Mat.) 500.00

PECK PD 10/26/82 #184403

I have read this application and agree to comply with all local and state laws applicable to building construction.

☒ 1. I am validly registered and licensed as required by the City of Huntington Beach and the State of California, or

☐ 2. I am the legal owner of the above described property.

I have filed with the City of Huntington Beach:

☒ 1. A certificate of consent to self-insure issued by the Director of Industrial Relations, or

☐ 2. A certificate of workers' compensation insurance issued by an admitted insurer, or

☐ 3. An exact copy or duplicate thereof certified by the Director or the insurer, or

☐ 4. I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers compensation laws of the State of California.

I certify (or declare) under penalty of perjury that the foregoing is true and correct, and this declaration was executed on the 26 day of Oct, 1982 at Huntington Beach, California.

J. Cathcart
Permittee

If work is not commenced 180 days from date of issue of this permit, or if work is abandoned for more than 180 days, this permit shall be null and void.

Inspection Record

Approval	Date	Inspector
Foundation and Location		
Floor Slabs		
Sheathing		
Framing		
Lath or Drywall		
Brown Coat		
Parking		
Landscaping		
Land Use Conditions		
Final	12-9-82	[illegible]
Utility Release		

1

INSPECTOR

APPLICATION FOR BUILDING PERMIT A 14733

Applicant to fill in area within heavy lines only.

CITY OF HUNTINGTON BEACH
DEPARTMENT OF BUILDING
AND COMMUNITY DEVELOPMENT
(714) 536-5241

BUILDING ADDRESS	10072 BROOKHURST
Lot No. / Tract No. / Block No.	
Owner	L+G SPORTING GOODS
Address	ABOVE
City / State / Zip	
Contractor	QRS CORP.
Tel. No.	748-2231
Address	1120 TOWNE AVE.
Lic. No.	27902
City	L.A. 90021
Lic. Class	C45
Architect or Engineer	
Tel. No.	
Address	
Lic. No.	
City / Zip	
Sq. Ft. Living / No. of Stories / No. of Families	
Sq. Ft. Garage	
Description of Work	S/F WALL SIGN 76 SQ.FT
Use of Building	COMM
Valuation (Including Labor & Mat)	2280

Check One: NEW ☐ ADD ☐ ALTER ☐ REPAIR ☐ DEMOL. ☐ RELOCATE ☐

Building Address	10072 Brookhurst
Plan Check No.	8683
Group	
Type of Construction	
Occ. Load	
Zone	C-4
Use	COMM
Parking Spaces Required	
Planning Action	N/A
Coastal Permit Zone	☐ Yes ☑ No
Land Use Approved By	4-28-77
FEES: Permit $	24.00
Permit Authorized By	4-28-77
Plan Check $	12.00
Permit Issued By	4-28-77
Conservation $	.50
Receipt No.	24855
TOTAL $	36.50
Remarks:	

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regarding building construction.

I hereby certify that I am properly registered and licensed as required by the City of Huntington Beach and the State of California, or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued I shall not employ any person in violation of the workmen's compensation laws of the State of California.

I declare under penalty of perjury that all the above is complete, true and correct.

Signature of Permittee _____ Date 4-27-77

If work is not started within 120 days from date of issue or if abandoned for more than 120 days, this permit will be null and void.

Inspection Record

Approval	Date	Inspector
Foundation and Location		
Floor Slabs		
Sheathing		
Framing		
Lath or Drywall		
Brown Coat		
Parking		
Landscaping		
Land Use Conditions		
Final	1-23-78	
Utility Release		

1

APPLICATION FOR BUILDING PERMIT A 14717

Applicant to fill in area within heavy lines only.

CITY OF HUNTINGTON BEACH
DEPARTMENT OF BUILDING
AND COMMUNITY DEVELOPMENT
(714) 536-5241

BUILDING ADDRESS: 10072 BROOKHURST

Lot No.	Tract No.	Block No.

Owner: L-G SPORTING GOODS
Address: ABOVE
City: State: Zip:
Contractor: QRS CORP. Tel. No. 213-748-2231
Address: 1120 TOWNE AVE. Lic. No. 27902
City: L.A. 90021 Lic. Class C45
Architect or Engineer: Tel. No.
Address: Lic. No.
City: Zip:

Sq. Ft. ~~Living~~ 152	No. of Stories —	No. of Families —
Sq. Ft. Garage	Description of Work 2 SEXS	

WALL SIGNS - 76 SQFT EA = 152 SQFT.

Use of Building: COMM.
Valuation (Including Labor & Mat) $~~1520~~ 2280

Check One: NEW ☐ ADD ☑ ALTER ☐ REPAIR ☐ DEMOL. ☐ RELOCATE ☐

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regarding building construction.

I hereby certify that I am properly registered and licensed as required by the City of Huntington Beach and the State of California, or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued I shall not employ any person in violation of the workmen's compensation laws of the State of California.

I declare under penalty of perjury that all the above is complete, true and correct.

Signature of Permittee: [signature] Date 4-27-77

If work is not started within 120 days from date of issue or if abandoned for more than 120 days, this permit will be null and void.

Building Address: 10072 ~~BROOKHURST ST~~ Plan Check No. 8683
Group: Type of Construction: Occ. Load:
Zone: C4 Use: COMM. Parking Spaces Required:
Planning Action: N/A Coastal Permit Zone ☐ Yes ☑ No
Land Use Approved By ~~[illegible]~~ Date ~~4-28-77~~
FEES: Permit $ ~~22.00~~ 24.00
Permit Authorized By [illegible] Date ~~4-28-77~~ Plan Check $ ~~14.00~~ 12.00
Permit Issued By [illegible] Date 4-28-77 Conservation $ .50
Receipt No. 24855 TOTAL $ ~~48.50~~ 36.50
Remarks:

Inspection Record

Approval	Date	Inspector
Foundation and Location		
Floor Slabs		
Sheathing		
Framing		
Lath or Drywall		
Brown Coat		
Parking		
Landscaping		
Land Use Conditions		
Final	1-23-78	Paul
Utility Release		

1

APPLICATION FOR BUILDING PERMIT

A 11416

Applicant to fill in area within heavy lines only.

CITY OF HUNTINGTON BEACH
DEPARTMENT OF BUILDING
AND COMMUNITY DEVELOPMENT
(714) 536-5241

BUILDING ADDRESS 10072 Bee ADAMS

Lot No.	Tr. No.	Block No.	
Owner	BUSINESS PROPERTIES		
Address	17840 SKYPARK		
City	IRVINE	State	Zip
Contractor	J.R. SLAUGHT	Tel. No.	974-2911
Address	17840 SKYPARK	Lic. No.	
City	IRVINE	Lic. Class	
Architect or Engineer	MACKER & ASSOC	Tel. No.	483-0530
Address	UNION PL.	Lic. No.	
City	L.A.	Zip	
Sq. Ft. Living 6889	No. of Stories	No. of Families	
Sq. Ft. Garage	Description of Work		
	6000 S/F. NEW COMM.		
Use of Building	SPORTING GOODS.		
Valuation (Including Labor & Mat)	~~60,000~~ $130,391		

Check One: NEW [X] ADD [ ] ALTER [ ] REPAIR [ ] DEMOL. [ ] RELOCATE [ ]

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regarding building construction.

I hereby certify that I am properly registered and licensed as required by the City of Huntington Beach and the State of California, or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued I shall not employ any person in violation of the workmen's compensation laws of the State of California.

I declare under penalty of perjury that all the above is complete, true and correct.

Signature of Permittee [signature] Date 1/20/77

If work is not started within 120 days from date of issue or if abandoned for more than 120 days, this permit will be null and void.

Building Address	10072 ADAMS		Plan Check No. 8462
Group	F-2	Type of Construction V-N	Occ. Load 183
Zone	C4	Use COMM	Parking Spaces Required
Planning Action	CU 3561		Coastal Permit Zone [ ] Yes [X] No
Land Use Approved By	[signature]	Date 4/12/77	FEES: Permit $ 330.50 ~~207.00~~
Permit Authorized By	[signature]	Date 4-27-77	#2185-0 Plan Check $ 103.50
Permit Issued By	[signature]	Date 4/12/77	Conservation $ ~~4.20~~
Receipt No.	24293		TOTAL $ 9.16

Remarks: ADDL. FEE REQD P.C. # 6325.

Approval	Inspection Record Date	Inspector
Foundation and Location	4-26-77	Fgull
Floor Slabs	5-27-77	Lunsford
Sheathing		
Framing		
Lath or Drywall	7-12-77	Beullen
Brown Coat		
Parking		
Landscaping		
Land Use Conditions		
Final	8-31-77	Bendkin
Utility Release	8-V & 8-24-77	[illegible]

1

CITY OF HUNTINGTON BEACH

DEPARTMENT OF BUILDING & SAFETY

2000 Main St., Huntington Beach, CA 92648

For Inspections Call: (714) 536-5241

Inspector:
Andino, Richard (714) 374-1693

BUILDING PERMIT

Permit Number:	B2013-000818	**Sprinklered?**	No	**Valuation:**	$12,000.00
Date Issued:	03/22/2013	**Zone:**	CG	**Coastal Permit?**	No
Building Address:	10111 Adams Ave 107	**Block**	10	**No. Families:**	
Date Entered:	02/06/2013	**Tract:**	S0006	**No. Stories:**	
Building Use:	C-MISC	**Lot:**	5	**Public Building?**	No

Owner

BROOKHURST & ADAMS LLC
2760 E SPRING ST #200
LONG BEACH CA 90806
5624900098

Contractor

M H GENERAL CONTRACTOR
14381 TITUS STREET
WESTMINSTER CA 92683
7147254233

Project Description: INTERIOR T.I. ADD (N) NON-BEARING WALLS W/(N) DOORS & WINDOWS **NO ADD'L SF** **EYE LEVEL** (COFO IN FILE) **HOLD ISSUANCE OF PERMIT UNTIL EXPIRATION OF APPEAL PERIOD FOR AP 13-002**

Occ. Group	Construction Type	Occupancy Load
B	Type V - B	28 (TRAINING & DEVELOPMENT)

Permit Fees:

Inspection:	$282.67	**Park & Rec:**	$0.00	**Microfilm:**	$11.96
Building Plan Review:	$223.32	**Library:**	$0.00	**Penalty:**	$0.00
Planning Plan Review:	$197.87	**Traffic Impact:**	$0.00	**Extension:**	$0.00
Processing:	$31.20	**Dev Impact Fees:**	$0.00	**C/O:**	$0.00
SMIP:	$3.52	**Demolition:**	$0.00	**Permit Total:**	$1,224.14
				Outstanding Amount:	$0.00

Permit Details

Building	Related Items	Unit Type	Quantity	Permit Fees: Inspection	Plan Review
	INTERIOR T.I.		1	$282.67	$223.32

10111 ADAMS AVE.

WORKERS' COMPENSATION DECLARATION

I hereby affirm under penalty of perjury one of the following declarations:
[ ] I have and will maintain a certificate of consent to self-insure for workers' compensation as provided for by Section3700 of the Labor Code, for the performance of the work for which this permit is issued.
[ ] I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation policy information is: Carrier: TOWER INS CO OF NY Policy Number: WCC0026787 Expires: 02/28/2014
Agent:_____ Phone (562) 490-0098
[ ] I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that if I should become subject to the workers' compensation provision of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

WARNING: FAILURE TO SECURE WORKERS COMPENSATION COVERAGE IS UNLAWFUL AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS ($100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3700 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect. License No.: 855840 License Class: B
Contractor's Signature:_____ Date:_____
IF WORK IS NOT COMMENCED 180 DAYS FROM DATE OF ISSUE OF THIS PERMIT, OR IF THE WORK IS ABANDONED FOR MORE THAN 180 DAYS, THIS PERMIT SHALL BE SUBJECT TO EXPIRATION.

OWNER-BUILDER DECLARATION (Declaration Form Attached)

CONSTRUCTION LENDING AGENCY

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C).
Lender:_____ Address:_____

DECLARATION BY CONSTRUCTION PERMIT APPLICANT

By my signature below, I certify to each of the following: I am
[ ] A California licensed contractor; or
[ ] The property owner*; or
[ ] Authorized to act on the property owner's behalf
I certify that I have read this construction application and that the information I have provided is correct. I agree to comply with all City and County ordinaces and State Laws relating to building construction. I authorize representatives of this City or County to enter upon the above-identified property for inspection purposes.
California Licensed Contractor, Property Owner* or Authorized Agent**

Signature: _____ Date:_____
*Requires separate verification form
**Requires separate authorization form

CITY OF HUNTINGTON BEACH

DEPARTMENT OF BUILDING & SAFETY

2000 Main St., Huntington Beach, CA 92648

For Inspections Call: (714) 536-5241

Inspector:

Benbow, Jeff (714) 536-5680

BUILDING PERMIT

Permit Number:	B2007-008780	**Sprinklered?**	No	**Valuation:**	$1,000.00
Date Issued:	12/04/2007	**Zone:**	CG	**Coastal Permit?**	No
Building Address:	10111 Adams Ave 109	**Block**	10	**No. Families:**	
Date Entered:	12/04/2007	**Tract:**	S0006	**No. Stories:**	
Building Use:	C-MISC	**Lot:**	5	**Public Building?**	No

Owner	Contractor	Engineer
BROOKHURST & ADAMS, LLC 2760 SPRING ST LONGT BEACH CA 90806 0000000000		HUNTINGTON BEACH CA

Project Description: ***NUTRISHOP*** TENANT IMPROVEMENT INSTALL 1 INTERIOR WALL: INSTALL 8' HIGH MAX SHELFING ATTACHED TO WALLS 8" DEPTH MAX **COFO IN FILE UNDER O2007008312*** ****PLANS SENT TO SCANNING - 1/17/08 JT****

Occ. Group	Construction Type	Occupancy Load

Permit Fees:						
	Inspection:	$56.55	**Park & Rec:**	$0.00	**Microfilm:**	$13.60
	Building Plan Review:	$122.09	**Library:**	$0.00	**Penalty:**	$0.00
	Planning Plan Review:	$39.59	**Traffic Impact:**	$0.00	**Extension:**	$0.00
	Processing:	$31.69	**Dev Impact Fees:**	$0.00	**C/O:**	$0.00
	SMIP:	$0.50	**Demolition:**	$0.00	**Permit Total:**	$264.02
					Outstanding Amount:	$0.00

Permit Details

Building	Related Items	Unit Type	Quantity	Permit Fees: Inspection	Plan Review
	TENANT IMPROVEMENT		0	$56.55	$122.09

WORKERS' COMPENSATION DECLARATION

I hereby affirm under penalty of perjury one of the following declarations:
[ ] I have and will maintain a certificate of consent to self-insure for workers' compensation as provided for by Section3700 of the Labor Code, for the performance of the work for which this permit is issued.
[ ] I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation policy information is: Carrier: _____ Policy Number: _____ Expires:
Agent:_____ Phone (000) 000-0000
[ ] I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that if I should become subject to the workers' compensation provision of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

WARNING: FAILURE TO SECURE WORKERS COMPENSATION COVERAGE IS UNLAWFUL AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS ($100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3700 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect. License No.: _____ License Class: _____
Contractor's Signature:_____ Date:_____
IF WORK IS NOT COMMENCED 180 DAYS FROM DATE OF ISSUE OF THIS PERMIT, OR IF THE WORK IS ABANDONED FOR MORE THAN 180 DAYS, THIS PERMIT SHALL BE SUBJECT TO EXPIRATION.

OWNER-BUILDER DECLARATION (Declaration Form Attached)

CONSTRUCTION LENDING AGENCY

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C).
Lender:_____ Address:_____

DECLARATION BY CONSTRUCTION PERMIT APPLICANT

By my signature below, I certify to each of the following: I am
[ ] A California licensed contractor; or
[ ] The property owner*; or
[ ] Authorized to act on the property owner's behalf
I certify that I have read this construction application and that the information I have provided is correct. I agree to comply with all City and County ordinaces and State Laws relating to building construction. I authorize representatives of this City or County to enter upon the above-identified property for inspection purposes.
California Licensed Contractor, Property Owner* or Authorized Agent**

Signature: _____ Date:_____
*Requires separate verification form
**Requires separate authorization form

CITY OF HUNTINGTON BEACH

DEPARTMENT OF BUILDING & SAFETY

2000 Main St., Huntington Beach, CA 92648

For Inspections Call: (714) 536-5241

Inspector:

Benbow, Jeff (714) 536-5680

BUILDING PERMIT

Permit Number:	B2007-007297	**Sprinklered?**	No	**Valuation:**	$39,000.00
Date Issued:	11/14/2007	**Zone:**	CG	**Coastal Permit?**	No
Building Address:	10111 Adams Ave 111	**Block**	10	**No. Families:**	
Date Entered:	10/03/2007	**Tract:**	S0006	**No. Stories:**	
Building Use:	C-MISC	**Lot:**	5	**Public Building?**	No

Owner

COWGILL ROBERT H JR
2760 E SPRING ST #200
LONG BEACH CA 90806
0000000000

Contractor

MERCURY CONSTRUCTION
15720 VENTURA UNIT 229
ENCINO CA 91436-0000
8189904472

Project Description: **DR FRED LEE, DDS*** INT.TI.ONLY: INSTL NON-BEARING WALLS IN EXSTG 1300 SF UNIT TO CREATE NEW DENTAL OFFICE****DR.FRED LEE****COFO ON FILE
PLANS SENT TO SCANNING-TL 07/08

Occ. Group	Construction Type	Occupancy Load
B		13

Permit Fees:

Inspection:	$467.10	**Park & Rec:**	$0.00	**Microfilm:**	$52.17
Building Plan Review:	$355.00	**Library:**	$0.00	**Penalty:**	$467.10
Planning Plan Review:	$326.97	**Traffic Impact:**	$0.00	**Extension:**	$0.00
Processing:	$29.91	**Dev Impact Fees:**	$0.00	**C/O:**	$0.00
SMIP:	$8.19	**Demolition:**	$0.00	**Permit Total:**	$1,774.11
				Outstanding Amount:	$0.00

Permit Details

Building	Related Items	Unit Type	Quantity	Permit Fees: Inspection	Plan Review
	INT.TI.ONLY		1300	$467.10	$355.00

WORKERS' COMPENSATION DECLARATION

I hereby affirm under penalty of perjury one of the following declarations:
[ ] I have and will maintain a certificate of consent to self-insure for workers' compensation as provided for by Section3700 of the Labor Code, for the performance of the work for which this permit is issued.
[ ] I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation policy information is: Carrier: STATE FUND Policy Number: 1716833 Expires:
Agent:_____ Phone (000) 000-0000
[ ] I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that if I should become subject to the workers' compensation provision of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

WARNING: FAILURE TO SECURE WORKERS COMPENSATION COVERAGE IS UNLAWFUL AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS ($100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3700 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect. License No.: 561978 License Class: B1
Contractor's Signature:_____ Date:_____
IF WORK IS NOT COMMENCED 180 DAYS FROM DATE OF ISSUE OF THIS PERMIT, OR IF THE WORK IS ABANDONED FOR MORE THAN 180 DAYS, THIS PERMIT SHALL BE SUBJECT TO EXPIRATION.

OWNER-BUILDER DECLARATION (Declaration Form Attached)

CONSTRUCTION LENDING AGENCY

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C).
Lender:_____ Address:_____

DECLARATION BY CONSTRUCTION PERMIT APPLICANT

By my signature below, I certify to each of the following: I am
[ ] A California licensed contractor; or
[ ] The property owner*; or
[ ] Authorized to act on the property owner's behalf
I certify that I have read this construction application and that the information I have provided is correct. I agree to comply with all City and County ordinaces and State Laws relating to building construction. I authorize representatives of this City or County to enter upon the above-identified property for inspection purposes.
California Licensed Contractor, Property Owner* or Authorized Agent**

Signature:_____ Date:_____
*Requires separate verification form
**Requires separate authorization form

CITY OF HUNTINGTON BEACH

DEPARTMENT OF BUILDING & SAFETY

2000 Main St., Huntington Beach, CA 92648

For Inspections Call: (714) 536-5241

Inspector:

Benbow, Jeff (714) 536-5680

BUILDING PERMIT

Permit Number:	B2007-001030	**Sprinklered?**	No	**Valuation:**	$31,850.00
Date Issued:	05/09/2007	**Zone:**	CG	**Coastal Permit?**	No
Building Address:	10111 Adams Ave 103	**Block**	10	**No. Families:**	
Date Entered:	01/31/2007	**Tract:**	S0006	**No. Stories:**	
Building Use:	C-MISC	**Lot:**	5	**Public Building?**	No

Owner	Contractor	Architect
BROOKHURST & ADAMS LLC 17631 FITCH ST. IRVINE CA 92614 9494748900	COASTLINE DEVELOPMENT INC 13911 ENTERPRISE GARDEN GROVE CA 92643 7142650250	550 SO. HOPE ST. SUITE 1700 LOS ANGELES CA 90071 2136232164

Project Description: INT. TI. ONLY: DOORS, WALLS, CEILING, RESTROOM FOR ***COMERICA BANK*** *****C OF O IN FILE***** ADDRESS IS 107 ***PLANS SENT TO MICROFILM -1/17/08 JT***

Occ. Group	Construction Type	Occupancy Load
B		13

Permit Fees:						
	Inspection:	$408.00	**Park & Rec:**	$0.00	**Microfilm:**	$56.11
	Building Plan Review:	$310.08	**Library:**	$0.00	**Penalty:**	$0.00
	Planning Plan Review:	$285.61	**Traffic Impact:**	$0.00	**Extension:**	$0.00
	Processing:	$29.91	**Dev Impact Fees:**	$0.00	**C/O:**	$0.00
	SMIP:	$6.69	**Demolition:**	$0.00	**Permit Total:**	$1,164.07
					Outstanding Amount:	$0.00

Permit Details

Building	Related Items	Unit Type	Quantity	Permit Fees: Inspection	Plan Review
	INT. T.I.		1	$408.00	$310.08

WORKERS' COMPENSATION DECLARATION

I hereby affirm under penalty of perjury one of the following declarations:
[ ] I have and will maintain a certificate of consent to self-insure for workers' compensation as provided for by Section3700 of the Labor Code, for the performance of the work for which this permit is issued.
[ ] I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation policy information is: Carrier: STATE FUND Policy Number: 046-0008707 Expires:
Agent:_____ Phone (949) 474-8900
[ ] I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that if I should become subject to the workers' compensation provision of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

WARNING: FAILURE TO SECURE WORKERS COMPENSATION COVERAGE IS UNLAWFUL AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS ($100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3700 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect. License No.: 485187 License Class: B1
Contractor's Signature:_____ Date:_____
IF WORK IS NOT COMMENCED 180 DAYS FROM DATE OF ISSUE OF THIS PERMIT, OR IF THE WORK IS ABANDONED FOR MORE THAN 180 DAYS, THIS PERMIT SHALL BE SUBJECT TO EXPIRATION.

OWNER-BUILDER DECLARATION (Declaration Form Attached)

CONSTRUCTION LENDING AGENCY

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C).
Lender:_____ Address:_____

DECLARATION BY CONSTRUCTION PERMIT APPLICANT

By my signature below, I certify to each of the following: I am
[ ] A California licensed contractor; or
[ ] The property owner*; or
[ ] Authorized to act on the property owner's behalf
I certify that I have read this construction application and that the information I have provided is correct. I agree to comply with all City and County ordinaces and State Laws relating to building construction. I authorize representatives of this City or County to enter upon the above-identified property for inspection purposes.
California Licensed Contractor, Property Owner* or Authorized Agent**

Signature: _____ Date:_____
*Requires separate verification form
**Requires separate authorization form

CITY OF HUNTINGTON BEACH

DEPARTMENT OF BUILDING & SAFETY

2000 Main St., Huntington Beach, CA 92648

For Inspections Call: (714) 536-5241

Inspector:

Benbow, Jeff (714) 536-5680

BUILDING PERMIT

Permit Number:	B2007-000974	**Sprinklered?**	No	**Valuation:**	$50,000.00
Date Issued:	04/16/2007	**Zone:**	CG	**Coastal Permit?**	No
Building Address:	10111 Adams Ave 113	**Block**	10	**No. Families:**	
Date Entered:	01/30/2007	**Tract:**	S0006	**No. Stories:**	
Building Use:	C-MISC	**Lot:**	5	**Public Building?**	No

Owner	Contractor	
BROOKHURST & ADAMS LLC 17631 FITCH IRVINE CA 92614 9494748900	DELTA CONSTRUCTION A-Z INC 8361 WESTMINSTER AVE #330 WESTMINSTER CA 92683 7148988899	

Project Description: INT. T.I. (1700 S.F.) FOR **HAPPY NAILS & SPA** ADD NON-BEARING WALLS - C OF O IN FILE AS OF 7/5/7
PLANS SENT TO MICROFILM -BD-08/2007

Occ. Group	Construction Type	Occupancy Load
B	Type V - N	42

Permit Fees:						
	Inspection:	$559.96	**Park & Rec:**	$0.00	**Microfilm:**	$20.69
	Building Plan Review:	$425.58	**Library:**	$0.00	**Penalty:**	$0.00
	Planning Plan Review:	$391.98	**Traffic Impact:**	$0.00	**Extension:**	$0.00
	Processing:	$29.91	**Dev Impact Fees:**	$0.00	**C/O:**	$0.00
	SMIP:	$10.50	**Demolition:**	$0.00	**Permit Total:**	$1,438.62
					Outstanding Amount:	$0.00

Permit Details

Building	Related Items	Unit Type	Quantity	Permit Fees: Inspection	Plan Review
	INTERIOR T.I.		1	$559.96	$425.58

WORKERS' COMPENSATION DECLARATION

I hereby affirm under penalty of perjury one of the following declarations:
[ ] I have and will maintain a certificate of consent to self-insure for workers' compensation as provided for by Section3700 of the Labor Code, for the performance of the work for which this permit is issued.
[ ] I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation policy information is: Carrier: Policy Number: EXEMPT Expires:
Agent:_____ Phone (949) 474-8900
[ ] I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, anc agree that if I should become subject to the workers' compensation provision of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

WARNING: FAILURE TO SECURE WORKERS COMPENSATION COVERAGE IS UNLAWFUL AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS ($100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3700 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect. License No.: 871779 License Class: B
Contractor's Signature:_____ Date:_____
IF WORK IS NOT COMMENCED 180 DAYS FROM DATE OF ISSUE OF THIS PERMIT, OR IF THE WORK IS ABANDONED FOR MORE THAN 180 DAYS, THIS PERMIT SHALL BE SUBJECT TO EXPIRATION.

OWNER-BUILDER DECLARATION (Declaration Form Attached)

CONSTRUCTION LENDING AGENCY

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C).
Lender:_____ Address:_____

DECLARATION BY CONSTRUCTION PERMIT APPLICANT

By my signature below, I certify to each of the following: I am
[ ] A California licensed contractor; or
[ ] The property owner*; or
[ ] Authorized to act on the property owner's behalf
I certify that I have read this construction application and that the information I have provided is correct. I agree to comply with all City and County ordinaces and State Laws relating to building construction. I authorize representatives of this City or County to enter upon the above-identified property for inspection purposes.
California Licensed Contractor, Property Owner* or Authorized Agent**

Signature: _____ Date:_____
*Requires separate verification form
**Requires separate authorization form

CITY OF HUNTINGTON BEACH

DEPARTMENT OF BUILDING & SAFETY

2000 Main St., Huntington Beach, CA 92648

For Inspections Call: (714) 536-5241

Inspector:

Solorzano, Ruben (714) 374-1740

BUILDING PERMIT

Permit Number:	B2006-006567	**Sprinklered?**	No	**Valuation:**	$15,000.00
Date Issued:	12/07/2006	**Zone:**	CG	**Coastal Permit?**	No
Building Address:	10111 Adams Ave 109	**Block**	10	**No. Families:**	
Date Entered:	09/06/2006	**Tract:**	S0006	**No. Stories:**	
Building Use:	C-MISC	**Lot:**	5	**Public Building?**	No

Owner	Contractor	
BROOKHURST & ADAMS LLC 17631 FITCH IRVINE CA 92614 9494748900		

Project Description: INT. T.I. FOR NEW SPEC SUITE: NEW DEMISING PARTITION, RESTROOM, & CEIILING ****VACANT, NO C OF O REQ.****
PLANS SENT TO SCANNING-TL 07/08

Occ. Group	Construction Type	Occupancy Load
M	Type V - N	47

Permit Fees:						
	Inspection:	$231.49	**Park & Rec:**	$0.00	**Microfilm:**	$24.63
	Building Plan Review:	$175.94	**Library:**	$0.00	**Penalty:**	$0.00
	Planning Plan Review:	$162.04	**Traffic Impact:**	$0.00	**Extension:**	$0.00
	Processing:	$29.91	**Dev Impact Fees:**	$0.00	**C/O:**	$0.00
	SMIP:	$3.15	**Demolition:**	$0.00	**Permit Total:**	$694.83
					Outstanding Amount:	$0.00

Permit Details

Building	Related Items	Unit Type	Quantity	Permit Fees: Inspection $231.49	Plan Review $175.94
	INT T.I.		1		

WORKERS' COMPENSATION DECLARATION

I hereby affirm under penalty of perjury one of the following declarations:
[ ] I have and will maintain a certificate of consent to self-insure for workers' compensation as provided for by Section3700 of the Labor Code, for the performance of the work for which this permit is issued.
[ ] I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation policy information is: Carrier: _____ Policy Number: _____ Expires:
Agent:_____ Phone (949) 474-8900
[ ] I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, anc agree that if I should become subject to the workers' compensation provision of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

WARNING: FAILURE TO SECURE WORKERS COMPENSATION COVERAGE IS UNLAWFUL AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS ($100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3700 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect. License No.: _____ License Class: _____
Contractor's Signature:_____ Date:_____
IF WORK IS NOT COMMENCED 180 DAYS FROM DATE OF ISSUE OF THIS PERMIT, OR IF THE WORK IS ABANDONED FOR MORE THAN 180 DAYS, THIS PERMIT SHALL BE SUBJECT TO EXPIRATION.

OWNER-BUILDER DECLARATION (Declaration Form Attached)

CONSTRUCTION LENDING AGENCY

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C).
Lender:_____ Address:_____

DECLARATION BY CONSTRUCTION PERMIT APPLICANT

By my signature below, I certify to each of the following: I am
[ ] A California licensed contractor; or
[ ] The property owner*; or
[ ] Authorized to act on the property owner's behalf
I certify that I have read this construction application and that the information I have provided is correct. I agree to comply with all City and County ordinaces and State Laws relating to building construction. I authorize representatives of this City or County to enter upon the above-identified property for inspection purposes.
California Licensed Contractor, Property Owner* or Authorized Agent**

Signature: _____ Date:_____
*Requires separate verification form
**Requires separate authorization form

CITY OF HUNTINGTON BEACH

DEPARTMENT OF BUILDING & SAFETY

2000 Main St., Huntington Beach, CA 92648

For Inspections Call: (714) 536-5241

Inspector:

Solorzano, Ruben (714) 374-1740

BUILDING PERMIT

Permit Number:	B2006-006563	**Sprinklered?**	No	**Valuation:**	$15,000.00
Date Issued:	12/07/2006	**Zone:**	CG	**Coastal Permit?**	No
Building Address:	10111 Adams Ave 113	**Block**	10	**No. Families:**	
Date Entered:	09/06/2006	**Tract:**	S0006	**No. Stories:**	
Building Use:	C-MISC	**Lot:**	5	**Public Building?**	No

Owner	Contractor	
BROOKHURST & ADAMS LLC 17631 FITCH IRVINE CA 92614 9494748900		

Project Description: INT. T.I. FOR NEW SPEC SUITE: NEW RESTROOM & CEIILING ****VACANT, NO C OF O REQ.****
Permit cancelled since work will be done under B07-974

Occ. Group	Construction Type	Occupancy Load
M	Type V - N	57

Permit Fees:

Inspection:	$231.49	**Park & Rec:**	$0.00	**Microfilm:**	$24.63
Building Plan Review:	$295.66	**Library:**	$0.00	**Penalty:**	$0.00
Planning Plan Review:	$162.04	**Traffic Impact:**	$0.00	**Extension:**	$0.00
Processing:	$29.91	**Dev Impact Fees:**	$0.00	**C/O:**	$0.00
SMIP:	$3.15	**Demolition:**	$0.00	**Permit Total:**	$746.88
				Outstanding Amount:	$0.00

Permit Details

Building	Related Items	Unit Type	Quantity	Permit Fees: Inspection	Plan Review
	INT. T.I.		1	$231.49	$175.94

WORKERS' COMPENSATION DECLARATION

I hereby affirm under penalty of perjury one of the following declarations:
[ ] I have and will maintain a certificate of consent to self-insure for workers' compensation as provided for by Section3700 of the Labor Code, for the performance of the work for which this permit is issued.
[ ] I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation policy information is: Carrier: _____ Policy Number: _____ Expires:
Agent:_____ Phone (949) 474-8900
[ ] I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, anc agree that if I should become subject to the workers' compensation provision of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

WARNING: FAILURE TO SECURE WORKERS COMPENSATION COVERAGE IS UNLAWFUL AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS ($100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3700 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect. License No.: _____ License Class: _____
Contractor's Signature:_____ Date:_____
IF WORK IS NOT COMMENCED 180 DAYS FROM DATE OF ISSUE OF THIS PERMIT, OR IF THE WORK IS ABANDONED FOR MORE THAN 180 DAYS, THIS PERMIT SHALL BE SUBJECT TO EXPIRATION.

OWNER-BUILDER DECLARATION (Declaration Form Attached)

CONSTRUCTION LENDING AGENCY

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C).
Lender:_____ Address:_____

DECLARATION BY CONSTRUCTION PERMIT APPLICANT

By my signature below, I certify to each of the following: I am
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[ ] The property owner*; or
[ ] Authorized to act on the property owner's behalf
I certify that I have read this construction application and that the information I have provided is correct. I agree to comply with all City and County ordinaces and State Laws relating to building construction. I authorize representatives of this City or County to enter upon the above-identified property for inspection purposes.
California Licensed Contractor, Property Owner* or Authorized Agent**

Signature: _____ Date:_____
*Requires separate verification form
**Requires separate authorization form

CITY OF HUNTINGTON BEACH

DEPARTMENT OF BUILDING & SAFETY

2000 Main St., Huntington Beach, CA 92648

For Inspections Call: (714) 536-5241

Inspector:

Solorzano, Ruben (714) 374-1740

BUILDING PERMIT

Permit Number:	B2006-006556	**Sprinklered?**	No	**Valuation:**	$10,000.00
Date Issued:	12/07/2006	**Zone:**	CG	**Coastal Permit?**	No
Building Address:	10111 Adams Ave 111	**Block**	10	**No. Families:**	
Date Entered:	09/06/2006	**Tract:**	S0006	**No. Stories:**	
Building Use:	C-MISC	**Lot:**	5	**Public Building?**	No

Owner	Contractor	
BROOKHURST & ADAMS LLC 17631 FITCH IRVINE CA 92614 9494748900		

Project Description: INT. T.I. FOR NEW SPEC SUITE: NEW RESTROOM & CEIILING ****VACANT, NO C OF O REQ.****
PLANS SENT TO SCANNING-TL 07/08

Occ. Group	Construction Type	Occupancy Load
M	Type V - N	47

Permit Fees:

Inspection:	$173.04	**Park & Rec:**	$0.00	**Microfilm:**	$24.63
Building Plan Review:	$131.51	**Library:**	$0.00	**Penalty:**	$0.00
Planning Plan Review:	$121.13	**Traffic Impact:**	$0.00	**Extension:**	$0.00
Processing:	$29.91	**Dev Impact Fees:**	$0.00	**C/O:**	$0.00
SMIP:	$2.10	**Demolition:**	$0.00		

Permit Total:	$549.99
Outstanding Amount:	$0.00

Permit Details

Building	Related Items	Unit Type	Quantity	Permit Fees: Inspection $173.04	Plan Review $131.51
	INT. T.I.		1		

WORKERS' COMPENSATION DECLARATION

I hereby affirm under penalty of perjury one of the following declarations:
[ ] I have and will maintain a certificate of consent to self-insure for workers' compensation as provided for by Section3700 of the Labor Code, for the performance of the work for which this permit is issued.
[ ] I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation policy information is: Carrier: _____ Policy Number: _____ Expires:
Agent:_____ Phone (949) 474-8900
[ ] I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, anc agree that if I should become subject to the workers' compensation provision of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

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LICENSED CONTRACTOR'S DECLARATION

I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect. License No.: _____ License Class: _____
Contractor's Signature:_____ Date:_____
IF WORK IS NOT COMMENCED 180 DAYS FROM DATE OF ISSUE OF THIS PERMIT, OR IF THE WORK IS ABANDONED FOR MORE THAN 180 DAYS, THIS PERMIT SHALL BE SUBJECT TO EXPIRATION.

OWNER-BUILDER DECLARATION (Declaration Form Attached)

CONSTRUCTION LENDING AGENCY

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C).
Lender:_____ Address:_____

DECLARATION BY CONSTRUCTION PERMIT APPLICANT

By my signature below, I certify to each of the following: I am
[ ] A California licensed contractor; or
[ ] The property owner*; or
[ ] Authorized to act on the property owner's behalf
I certify that I have read this construction application and that the information I have provided is correct. I agree to comply with all City and County ordinaces and State Laws relating to building construction. I authorize representatives of this City or County to enter upon the above-identified property for inspection purposes.
California Licensed Contractor, Property Owner* or Authorized Agent**

Signature: _____ Date:_____
*Requires separate verification form
**Requires separate authorization form

CITY OF HUNTINGTON BEACH

DEPARTMENT OF BUILDING & SAFETY

2000 Main St., Huntington Beach, CA 92648

For Inspections Call: (714) 536-5241

Inspector:

Solorzano, Ruben (714) 374-1740

BUILDING PERMIT

Permit Number:	B2006-005685	**Sprinklered?**	No	**Valuation:**	$7,000.00
Date Issued:	12/07/2006	**Zone:**	CG	**Coastal Permit?**	No
Building Address:	10111 Adams Ave 107	**Block**	10	**No. Families:**	
Date Entered:	08/03/2006	**Tract:**	S0006	**No. Stories:**	
Building Use:	C-MISC	**Lot:**	5	**Public Building?**	No

Owner	Contractor	
BROOKHURST & ADAMS LLC 17631 FITCH IRVINE CA 92614 9494748900314		

Project Description: BUILD NEW DEMISING WALL BETWEEN SUITES (107) & (109-115) FOR FUTURE TENANTS ***VACANT*** ****NO C OF O REQ.****
PLANS SENT TO MICROFILM -1/17/08 JT

Occ. Group	Construction Type	Occupancy Load

Permit Fees:	**Inspection:**	$137.96	**Park & Rec:**	$0.00	**Microfilm:**	$8.89	
	Building Plan Review:	$115.22	**Library:**	$0.00	**Penalty:**	$0.00	
	Planning Plan Review:	$96.58	**Traffic Impact:**	$0.00	**Extension:**	$0.00	
	Processing:	$29.91	**Dev Impact Fees:**	$0.00	**C/O:**	$0.00	
	SMIP:	$1.47	**Demolition:**	$0.00	**Permit Total:**	$390.03	
					Outstanding Amount:	$0.00	

Permit Details

Building	Related Items	Unit Type	Quantity	Permit Fees: Inspection	Plan Review
	NEW DEMISING WALL BETWEEN SUITES		1	$137.96	$115.22

WORKERS' COMPENSATION DECLARATION

I hereby affirm under penalty of perjury one of the following declarations:
[ ] I have and will maintain a certificate of consent to self-insure for workers' compensation as provided for by Section3700 of the Labor Code, for the performance of the work for which this permit is issued.
[ ] I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation policy information is: Carrier: _____ Policy Number: _____ Expires:
Agent:_____ Phone (949) 474-0314
[ ] I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, anc agree that if I should become subject to the workers' compensation provision of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

WARNING: FAILURE TO SECURE WORKERS COMPENSATION COVERAGE IS UNLAWFUL AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS ($100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3700 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect. License No.: _____ License Class: _____
Contractor's Signature:_____ Date:_____
IF WORK IS NOT COMMENCED 180 DAYS FROM DATE OF ISSUE OF THIS PERMIT, OR IF THE WORK IS ABANDONED FOR MORE THAN 180 DAYS, THIS PERMIT SHALL BE SUBJECT TO EXPIRATION.

OWNER-BUILDER DECLARATION (Declaration Form Attached)

CONSTRUCTION LENDING AGENCY

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C).
Lender:_____ Address:_____

DECLARATION BY CONSTRUCTION PERMIT APPLICANT

By my signature below, I certify to each of the following: I am
[ ] A California licensed contractor; or
[ ] The property owner*; or
[ ] Authorized to act on the property owner's behalf
I certify that I have read this construction application and that the information I have provided is correct. I agree to comply with all City and County ordinaces and State Laws relating to building construction. I authorize representatives of this City or County to enter upon the above-identified property for inspection purposes.
California Licensed Contractor, Property Owner* or Authorized Agent**

Signature: _____ Date:_____
*Requires separate verification form
**Requires separate authorization form

CITY OF HUNTINGTON BEACH

DEPARTMENT OF BUILDING & SAFETY

2000 Main St., Huntington Beach, CA 92648

For Inspections Call: (714) 536-5241

Inspector:

Solorzano, Ruben (714) 374-1740

BUILDING PERMIT

Permit Number:	B2006-004883	**Sprinklered?**	No	**Valuation:**	$112,420.00
Date Issued:	09/29/2006	**Zone:**	CG	**Coastal Permit?**	No
Building Address:	10111 Adams Ave 101	**Block**	10	**No. Families:**	
Date Entered:	06/30/2006	**Tract:**	S0006	**No. Stories:**	
Building Use:	C-MISC	**Lot:**	5	**Public Building?**	No

Owner	Contractor	
CB RICHARD ELLIS 2525 E. KATELLA AVE. SUITE 100 ANAHEIM CA 92806 7149392231	COASTLINE DEVELOPMENT INC 13911 ENTERPRISE GARDEN GROVE CA 92643 7142650250	

Project Description: INT.TI.ONLY: CREATE NEW BANK IN EXSTG 3,212 SF BLDG (#E)***COMERICA BANK***COMBINED UNITS 101 & 103: (N) DRS, WLS, CEILING; (N) ATM W/ EXT.OPENING; NON-STUCTURAL STUCCO WL TO REPLC GLASS STOREFRNT; (N) DBL DR ENTRY TO BANK***INCLDS PRE-FABRICATED VAULT***C OF O IN FILE*** ****PLANS SENT TO MICROFILM B.F. 5/7/07********

Occ. Group	Construction Type	Occupancy Load
B	Type V - N	32

Permit Fees:

Inspection:	$912.71	**Park & Rec:**	$0.00	**Microfilm:**	$84.67
Building Plan Review:	$693.66	**Library:**	$0.00	**Penalty:**	$0.00
Planning Plan Review:	$638.90	**Traffic Impact:**	$0.00	**Extension:**	$0.00
Processing:	$29.91	**Dev Impact Fees:**	$0.00	**C/O:**	$156.15
SMIP:	$23.61	**Demolition:**	$0.00	**Permit Total:**	$2,607.28
				Outstanding Amount:	$0.00

Permit Details

Building	Related Items	Unit Type	Quantity	Permit Fees: Inspection	Plan Review
	T.I. FOR BANK		1	$912.71	$693.66

WORKERS' COMPENSATION DECLARATION

I hereby affirm under penalty of perjury one of the following declarations:
[ ] I have and will maintain a certificate of consent to self-insure for workers' compensation as provided for by Section3700 of the Labor Code, for the performance of the work for which this permit is issued.
[ ] I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation policy information is: Carrier: STATE FUND Policy Number: 046-0008707 Expires:
Agent:_____ Phone (714) 939-2231
[ ] I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that if I should become subject to the workers' compensation provision of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

WARNING: FAILURE TO SECURE WORKERS COMPENSATION COVERAGE IS UNLAWFUL AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS ($100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3700 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect. License No.: 485187 License Class: B1
Contractor's Signature:_____ Date:_____
IF WORK IS NOT COMMENCED 180 DAYS FROM DATE OF ISSUE OF THIS PERMIT, OR IF THE WORK IS ABANDONED FOR MORE THAN 180 DAYS, THIS PERMIT SHALL BE SUBJECT TO EXPIRATION.

OWNER-BUILDER DECLARATION (Declaration Form Attached)

CONSTRUCTION LENDING AGENCY

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C).
Lender:_____ Address:_____

DECLARATION BY CONSTRUCTION PERMIT APPLICANT

By my signature below, I certify to each of the following: I am
[ ] A California licensed contractor; or
[ ] The property owner*; or
[ ] Authorized to act on the property owner's behalf
I certify that I have read this construction application and that the information I have provided is correct. I agree to comply with all City and County ordinaces and State Laws relating to building construction. I authorize representatives of this City or County to enter upon the above-identified property for inspection purposes.
California Licensed Contractor, Property Owner* or Authorized Agent**

Signature: _____ Date:_____
*Requires separate verification form
**Requires separate authorization form

CITY OF HUNTINGTON BEACH

DEPARTMENT OF BUILDING & SAFETY

2000 Main St., Huntington Beach, CA 92648

For Inspections Call: (714) 536-5241

Inspector:

Solorzano, Ruben (714) 374-1740

BUILDING PERMIT

Permit Number:	B2005-001589	**Sprinklered?**	Yes	**Valuation:**	$880,000.00
Date Issued:	01/11/2006	**Zone:**	CG	**Coastal Permit?**	No
Building Address:	10111 Adams Ave	**Block**	10	**No. Families:**	
Date Entered:	04/04/2005	**Tract:**	S0006	**No. Stories:**	
Building Use:	CM	**Lot:**	5	**Public Building?**	No

Owner	Contractor	Architect
COWGILL BRUCE 2760 E SPRING ST #200 LONG BEACH CA 90806 5624900098	MOOREFIELD CONSTRUCTION INC 3415 S SEPULVEDA UNIT 550 LOS ANGELES CA 90034-0000 3103909400	P & R ARCHITECTS 111 W.OCEAN BLVD.#21-FL HUNTINGTON BEACH CA 5626288000

Project Description: CONSTRUCT NEW 9,300 SF SHELL ONLY BLDG #E
*****BEACHMONT PLAZA-RALPH'S SHOPPING CENTER*****

Occ. Group	Construction Type	Occupancy Load
M	Type V - N	367

Permit Fees:						
	Inspection:	$3,637.50	**Park & Rec:**	$2,531.61	**Microfilm:**	$1.08
	Building Plan Review:	$3,273.75	**Library:**	$2,091.33	**Penalty:**	$0.00
	Planning Plan Review:	$2,546.25	**Traffic Impact:**	$6,427.15	**Extension:**	$0.00
	Processing:	$19.95	**Dev Impact Fees:**	$0.00	**C/O:**	$0.00
	SMIP:	$184.80	**Demolition:**	$0.00	**Permit Total:**	$20,713.42
					Outstanding Amount:	$0.00

Permit Details

Building	Related Items	Unit Type	Quantity	Permit Fees: Inspection	Plan Review
	Stores: Type V - N	SQFT	11007	$3,637.50	$3,273.75

WORKERS' COMPENSATION DECLARATION

I hereby affirm under penalty of perjury one of the following declarations:
[ ] I have and will maintain a certificate of consent to self-insure for workers' compensation as provided for by Section3700 of the Labor Code, for the performance of the work for which this permit is issued.
[ ] I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation policy information is: Carrier: STATE FUND Policy Number: 1686016 Expires:
Agent:_____ Phone (562) 490-0098
[ ] I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, anc agree that if I should become subject to the workers' compensation provision of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

WARNING: FAILURE TO SECURE WORKERS COMPENSATION COVERAGE IS UNLAWFUL AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS ($100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3700 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect. License No.: 397892 License Class: B1
Contractor's Signature:_____ Date:_____
IF WORK IS NOT COMMENCED 180 DAYS FROM DATE OF ISSUE OF THIS PERMIT, OR IF THE WORK IS ABANDONED FOR MORE THAN 180 DAYS, THIS PERMIT SHALL BE SUBJECT TO EXPIRATION.

OWNER-BUILDER DECLARATION (Declaration Form Attached)

CONSTRUCTION LENDING AGENCY

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C).
Lender:_____ Address:_____

DECLARATION BY CONSTRUCTION PERMIT APPLICANT

By my signature below, I certify to each of the following: I am
[ ] A California licensed contractor; or
[ ] The property owner*; or
[ ] Authorized to act on the property owner's behalf
I certify that I have read this construction application and that the information I have provided is correct. I agree to comply with all City and County ordinaces and State Laws relating to building construction. I authorize representatives of this City or County to enter upon the above-identified property for inspection purposes.
California Licensed Contractor, Property Owner* or Authorized Agent**

Signature: _____ Date:_____
*Requires separate verification form
**Requires separate authorization form

CITY OF HUNTINGTON BEACH

DEPARTMENT OF BUILDING & SAFETY

2000 Main St., Huntington Beach, CA 92648

For Inspections Call: (714) 536-5241

Inspector:

Solorzano, Ruben (714) 374-1740

BUILDING PERMIT

Permit Number:	B1999-070124	**Sprinklered?**	No	**Valuation:**	$1,000.00
Date Issued:	10/11/1999	**Zone:**	CG	**Coastal Permit?**	No
Building Address:	10111 Adams Ave	**Block**	1000	**No. Families:**	0
Date Entered:	09/30/1999	**Tract:**	20006	**No. Stories:**	0
Building Use:	C-MISC	**Lot:**	5000	**Public Building?**	No

Owner

BEACHMONT PLAZA LLC
10111 ADAMS AVE
HUNTINGTON BEACH CA
5624900098

Contractor

B V SYSTEMS
6851 JARDINDES DR
HUNTINGTON BEACH CA 926470000
847-0247

Project Description: TEMPORARY USE (EVENT) "THE HAUNT-99" FOR BSA, NON-STRUC.PARTITION WALLS OF 2X3 AND 2X4, CONSTR W/ 3/8 PLYWD SUR-FACING (COFO IN PROJECT FILE)

Occ. Group	Construction Type	Occupancy Load
		490
A4		0

Permit Fees:

Inspection:	$387.72	**Park & Rec:**	$0.00	**Microfilm:**	$0.00
Building Plan Review:	$40.73	**Library:**	$0.00	**Penalty:**	$0.00
Planning Plan Review:	$13.58	**Traffic Impact:**	$0.00	**Extension:**	$0.00
Processing:	$25.00	**Dev Impact Fees:**	$0.00	**C/O:**	$125.00
SMIP:	$0.00	**Demolition:**	$0.00		

Permit Total:	$1,019.75
Outstanding Amount:	$0.00

Permit Details

Building	Related Items	Unit Type	Quantity	Permit Fees: Inspection	Plan Review
				$387.72	$40.73

Certificate of Occupancy	Related Items	Unit Type	Quantity		

WORKERS' COMPENSATION DECLARATION

I hereby affirm under penalty of perjury one of the following declarations:
[ ] I have and will maintain a certificate of consent to self-insure for workers' compensation as provided for by Section3700 of the Labor Code, for the performance of the work for which this permit is issued.
[ ] I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation policy information is: Carrier: _____ Policy Number: _____ Expires:
Agent:_____ Phone (562) 490-0098
[ ] I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, anc agree that if I should become subject to the workers' compensation provision of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

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LICENSED CONTRACTOR'S DECLARATION

I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect. License No.: _____ License Class:
Contractor's Signature:_____ Date:_____
IF WORK IS NOT COMMENCED 180 DAYS FROM DATE OF ISSUE OF THIS PERMIT, OR IF THE WORK IS ABANDONED FOR MORE THAN 180 DAYS, THIS PERMIT SHALL BE SUBJECT TO EXPIRATION.

OWNER-BUILDER DECLARATION (Declaration Form Attached)

CONSTRUCTION LENDING AGENCY

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C).
Lender:_____ Address:_____

DECLARATION BY CONSTRUCTION PERMIT APPLICANT

By my signature below, I certify to each of the following: I am
[ ] A California licensed contractor; or
[ ] The property owner*; or
[ ] Authorized to act on the property owner's behalf
I certify that I have read this construction application and that the information I have provided is correct. I agree to comply with all City and County ordinaces and State Laws relating to building construction. I authorize representatives of this City or County to enter upon the above-identified property for inspection purposes.
California Licensed Contractor, Property Owner* or Authorized Agent**

Signature: _____ Date:_____
*Requires separate verification form
**Requires separate authorization form

CITY OF HUNTINGTON BEACH

DEPARTMENT OF BUILDING & SAFETY

2000 Main St., Huntington Beach, CA 92648

For Inspections Call: (714) 536-5241

Inspector:

Solorzano, Ruben (714) 374-1740

BUILDING PERMIT

Permit Number:	B1996-048085	**Sprinklered?**	No	**Valuation:**	$7,500.00
Date Issued:	01/08/1996	**Zone:**		**Coastal Permit?**	No
Building Address:	10111 Adams Ave	**Block**	0000	**No. Families:**	0
Date Entered:	01/08/1996	**Tract:**	00000	**No. Stories:**	1
Building Use:	R-MISC	**Lot:**	0000	**Public Building?**	No

Owner

WESTERN REALTY
2760 E. SPRING 200
LB
3104900098

Contractor

WESTERN ROOFING
15162 YORKSHIRE LN
HUNTINGTON BEACH CA 926470000
0008934377

Project Description: T/O EXISTING ROOF INSTALL NEW BUILT UP HOT ROOF 50 SQS

Occ. Group	Construction Type	Occupancy Load

Permit Fees:						
	Inspection:	$104.00	**Park & Rec:**	$0.00	**Microfilm:**	$0.00
	Building Plan Review:	$0.00	**Library:**	$0.00	**Penalty:**	$0.00
	Planning Plan Review:	$0.00	**Traffic Impact:**	$0.00	**Extension:**	$0.00
	Processing:	$20.00	**Dev Impact Fees:**	$0.00	**C/O:**	$0.00
	SMIP:	$0.00	**Demolition:**	$0.00	**Permit Total:**	$125.58
					Outstanding Amount:	$0.00

Permit Details

Building	Related Items	Unit Type	Quantity	Permit Fees: Inspection	Plan Review
				$104.00	

WORKERS' COMPENSATION DECLARATION

I hereby affirm under penalty of perjury one of the following declarations:
[ ] I have and will maintain a certificate of consent to self-insure for workers' compensation as provided for by Section3700 of the Labor Code, for the performance of the work for which this permit is issued.
[ ] I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation policy information is: Carrier: _____ Policy Number: _____ Expires:
Agent:_____ Phone (310) 490-0098
[ ] I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, anc agree that if I should become subject to the workers' compensation provision of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

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LICENSED CONTRACTOR'S DECLARATION

I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect. License No.: 386752 License Class: C39 HIC
Contractor's Signature:_____ Date:_____
IF WORK IS NOT COMMENCED 180 DAYS FROM DATE OF ISSUE OF THIS PERMIT, OR IF THE WORK IS ABANDONED FOR MORE THAN 180 DAYS, THIS PERMIT SHALL BE SUBJECT TO EXPIRATION.

OWNER-BUILDER DECLARATION (Declaration Form Attached)

CONSTRUCTION LENDING AGENCY

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C).
Lender:_____ Address:_____

DECLARATION BY CONSTRUCTION PERMIT APPLICANT

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[ ] The property owner*; or
[ ] Authorized to act on the property owner's behalf
I certify that I have read this construction application and that the information I have provided is correct. I agree to comply with all City and County ordinaces and State Laws relating to building construction. I authorize representatives of this City or County to enter upon the above-identified property for inspection purposes.
California Licensed Contractor, Property Owner* or Authorized Agent**

Signature: _____ Date:_____
*Requires separate verification form
**Requires separate authorization form

BUILDING PERMIT

DEPARTMENT OF BUILDING — CITY OF HUNTINGTON BEACH

For Applicant to fill in — No. 95374

Job: Adamy

Address: 10111 ~~Brookhurst~~

Lot No. — Tract No. — Blk. No.

Please Attach Metes and Bounds (2 Copies)

Owner: Vons Grocery

Owner's Address: 10150 Lower Azusa Rd. El Monte

Description of Work: platform on Roof

Use of Building: Comm. Market

Area of Building: 180#

Valuation $ 2600

Contractor: Ernest W. Hahn

Address: 2111 El Segundo Hawthorne

State Lic. No.

NOTICE

No framing inspection will be made until the job has progressed in a satisfactory manner. All City Ordinances, requirements, and imposed conditions shall be complied with prior to final inspection. A Certificate of Occupancy will be issued only when all such conditions have been met.

Use Zone

Zoning Approved by D. Bruening Date 6-6-75

Group — Type — Plan Ck. 6214

Remarks:

FEES

Building Permit $ 23.00

Plan Check $ 11.50 — Paid Misc. Rec. No.

Permit Prepared by BL

Permit Authorized by F.M. Date 6-6-75

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regarding building construction.

I hereby certify that I am properly registered with and/or licensed as required by the City of Huntington Beach and/or State of California, or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued I shall not employ any person in violation of the workmen's compensation laws of the State of California.

Signature of Permitee [signature] Date 6-6-75

INSPECTION RECORD 757-9157

Approval	Date	Inspector
Foundation and Location		
Reinforcing Welding	7-7-75	Paul
Roof Shtg.		
Rough Frame		
Lath or Drywall		
Plas. Brown Ct.		
Final	7-22-75	Paul
Utility Release		

VALIDATION BY CASHIER

Plan Check 34.50

Bldg. Pt. .50

BL Rec 007649

Routing: (1) Bldg. Inspector (2) Office File (3) Statistics (4) Records (5) Owner

CITY OF HUNTINGTON BEACH

2000 MAIN ST.
HUNTINGTON BEACH, CA 92648

B U I L D I N G P E R M I T

№ 018461

DEPARTMENT OF
COMMUNITY DEVELOPMENT
P.O. BOX 190 - CALIFORNIA 92648
(714) 536-5241

PC # RD #437

10111 ADAMS

Permit Number: B020904
Bldg. Address: 10111 ADAMS Tract: NA Lot: NA Block: NA
EXIST. BLDG. Building Use: COMM. RE-ROOF

Owner:
SEA PROPERTIES
890 W. BAKER

Contractor:
RE-ROOFING SPECIALISTS
2626 NEWPORT BLVD.
COSTA MESA CA 92627
Ph. ( )548-1645
St. No. 460707 C39 City Lic. A119692

Architect or Engineer
NA

Comments: RE-ROOF - W/OWENS CORNING 20YR CLASS A 33 NG BLT UP
17500 SQ.
Public Building? NO
Sq. Ft. Living: No. Stories: Valuation: 35000
Garage: No. Families: Bldg. Code: REPAIR
Desc.:
Occ. Group: B-2 Constr. Type: 3N Occ. Load:
Zone: C2-FP2
Census Code: 999 Bldg. Use: COMM Park. Spaces:
Planning Action: Coastal Permit? NO

Appl. Date: 02/04/91 Landuse: TR 02/04/91 Authorized: GK 02/04/91

Plancheck: PC Receipt #

Issued: NB 02/04/91 Permit/Receipt # B-020904

PERMIT FEES

DESCRIPTION	AMOUNT	ACCOUNT	DESCRIPTION	AMOUNT	ACCOUNT
INSPECTION	258.60	RAACD23430600	PROCESSING	10.00	RAACD23430600
PLANCHECK	0.00	RAACD23470500	PENALTY	0.00	RAACD23483000
LIBRARY	0.00	RAACD23471100	PARKS & REC.	0.00	RSKCD23435500
CONSERVATION	5.25	GAA 00020116	PC-PLANNING	0.00	RAACD23172600
		TOTAL FEE	273.85		

Issued: NB 02/04/91 Permit/Receipt # B-020904

CL 3631

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

(This section need not be completed if the permit is for one hundred dollars ($100) or less.)
I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to Workers' Compensation Laws.

Date _____ Applicant _____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you become subject to the Workers' Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

LICENSED CONTRACTORS DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Number _____ Lic. Class _____

Contractor _____ Date _____

☐ I am exempt from the licensing provisions as I am a licensed architect or a registered professional engineer acting in my professional capacity (Section 7051, Business and Professions Code).

Lic. or Reg. No. _____ Date _____

THIS BOX FOR REGISTER VALIDATION ONLY

3035.27 4Feb91 001/40 1173.5 [illegible]

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self insure, or a certificate of Workers' Compensation Insurance, or a certified copy thereof (Sec. 3800, Lab. C).

Policy No. _____ Company _____

☐ Certified copy is hereby furnished

☐ Certified copy is filed with the city building inspection department

Date _____ Applicant _____

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason: *((Sec. 7031.5) Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the Contractor's License Law (Chapter 9) (commencing with Section 7000) of Division 3 of the Business and Professions Code, or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500).)*

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale. (Sec. 7044) *Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.*

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project. (Sec. 7044) *Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.*

☐ I am exempt under Sec. _____, B. & P.C. for this reason _____

Date _____ Owner _____

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name _____

Lender's Address _____

I certify that I have read this application and state that the above information is correct. I agree to comply with all city ordinances and State laws relating to building construction, and hereby authorize representatives of this city to enter upon the above-mentioned property for inspection purposes.

Signature of Applicant or Agent _____ Date 2-4-91

№ 018461

WHITE COPY - INSPECTOR, BLUE COPY - COUNTY, GOLD COPY - OFFICE, GREEN COPY - APPLICANT, PINK COPY - TREASURER
INSPECTOR

FORM 140-Rev. 12/89

BUILDING PERMIT

DEPARTMENT OF BUILDING — CITY OF HUNTINGTON BEACH

ZONING AND BUILDING

Use Zone

	Main Use	Acc. Use.

Set Back - C/L ST — C/L ST

Side Yard Rt — Projection

Side Yard Lt — Projection

Rear Yard — No Parking Sp. Reqd.

Zoning Approved By — Date

Group — Type — Plan Ck.

Remarks:

FEES

Building Permit $10.00	
Plan Check $ 5.00	Paid Misc. Rec. No.

Permit Prepared by

Permit Authorized by — Date

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regulating building construction.

I hereby certify that I am properly registered with and/or licensed as required by the City of Huntington Beach and/or State of California, or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued I shall not employ any person in violation of the workmen's compensation laws of the State of California.

Signature of Permittee Jack Baker Date 10-8

For Applicant to Fill in

№ 29673

Job

Address 1011 Adams

Lot No. — Tract No. — Blk No.

Please Attach Metes & Bounds (2 Copies)

Owner Vons Market

Owner's Address Same

Description of Work Pole Sign

Use of Building Market

Area of Building — Valuation $5000.

Contractor Purkle A. Sign

Address 1015 Compton, Hollywood

State Lic. No.

INSPECTION RECORD

APPROVAL	DATE	INSPECTOR
Foundation and Location	10/14/64	Jones Inst
Reinforcing		
Roof Sltg.		
Rough Frame		
Lath or Drywall		
Plas. Brown Ct.		
Final	12-18-64	
Utility Release		

VALIDATION BY CASHIER

Plan Check

Bldg. Pt. 15.00

Routing: No. 1 Bldg. Inspector — No. 2 Office File — No. 3 Statistics — No. 4 Owner

1

BUILDING PERMIT

DEPARTMENT OF BUILDING — CITY OF HUNTINGTON BEACH

NOTICE

No framing inspection will be made until the job has progressed in a satisfactory manner. All City Ordinances, requirements, and imposed conditions shall be complied with prior to final inspection. A Certificate of Occupancy will be issued only when all such conditions have been met.

Use Zone

Zoning Approved By — Date

Group — Type — Plan Ck.

Remarks:

FEES

Building Permit	$ 5.00	
Plan Check	$	Paid Misc. Rec. No.
Permit Prepared by	BA	
Permit Authorized by	DCW	Date 5-27-69

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regulating building construction.

I hereby certify that I am properly registered with and/or licensed as required by the City of Huntington Beach and/or State of California, or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued I shall not employ any person in violation of the workmen's compensation laws of the State of California.

Signature of Permittee [signature] Date 5-27-69

For applicant to fill in

Job — № 62030

Address 10111 Adams Ave

Lot No. — Tract No. — Blk. No.

Please Attach Metes & Bounds (3 Copies)

Owner L. C. Sewell

Owner's Address —

Description of Work Chain Link Fence

Use of Building Shopping Center

Area of Building — Valuation $ 370

Contractor C.K.S. Const. Co

Address 533 Fremont Ave

State Lic. No. — La.

INSPECTION RECORD

APPROVAL	DATE	INSPECTOR
Foundation and Location		
Reinforcing		
Roof Shtg.		
Rough Frame		
Lath or Drywall		
Plas. Brown Ct.		
Final	6-9-69	J Hall
Utility Release		

VALIDATION BY CASHIER

Plan Check — BA

Bldg. Pt. 5.00

Routing: (1) Bldg. Inspector (2) Office File (3) Statistics (4) Records (5) Owner

1

BUILDING PERMIT

A 29210

Applicant to fill in area within heavy lines only.

CITY OF HUNTINGTON BEACH
DEPARTMENT OF BUILDING
AND COMMUNITY DEVELOPMENT
(714) 536-5241

BUILDING ADDRESS: 10111 Adams

Lot No.	Tract No.	Block No.
Owner: Jim Greenwald		
Address: 1747 Flower	Tel. No.: 240-6290	
City: Glendale	State: Cal.	Zip: 91201
Contractor: Owner Builder	Tel. No.	
Address	Lic. No.	
City	Lic. Class	
Architect or Engineer	Tel. No.	
Address	Lic. No.	
City	State	Zip

Sq. Ft. Living: 6,000	No. of Stories: 1	No. of Families
Sq. Ft. Garage	Description of Work: 2-1hr Partitions and 1-1hr fire corridor	
Use of Building: Records + Tapes		
Valuation (Including Labor & Mat.): 2500.00		

Check One: NEW ☐ ADD ☐ ALTER ☒ REPAIR ☐ DEMOL. ☐ RELOCATE ☐

I have read this application and agree to comply with all local and state laws applicable to building construction.
☐ 1. I am validly registered and licensed as required by the City of Huntington Beach and the State of California, or
☒ 2. I am the legal owner of the above described property.
I have filed with the City of Huntington Beach:
☐ 1. A certificate of consent to self-insure issued by the Director of Industrial Relations, or
☒ 2. A certificate of workers' compensation insurance issued by an admitted insurer, or
☐ 3. An exact copy or duplicate thereof certified by the Director or the insurer, or
☐ 4. I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers compensation laws of the State of California.
I certify (or declare) under penalty of perjury that the foregoing is true and correct, and this declaration was executed on the 22 day of March, 19 79 at Huntington Beach, California.

Ronald Lewin
Permittee

If work is not commenced 180 days from date of issue of this permit, or if work is abandoned for more than 120 days, this permit shall be null and void.

Building Address: 10111 Adams		Plan Ch. & No.: 8266
Occupancy Grp: F Div: 2	Type of Construction: V-N	Occ. Load: 154
Use Zone: C-2	Use: COMM.	Parking Spaces Required: —
Planning Action: N/A		Coastal Permit Zone ☐ Yes ☒ No
Land Use Approved By: JB Date: 3-28-79		FEES: Permit $ 28.80
Permit Authorized By: PM Date: 3-28-79		Plan Check $ 14.40
Permit Issued By: Date: 3-28-79		Conservation $ .50
Receipt No. 44057		TOTAL $ 43.70

Remarks: INT ALT. ONLY

Inspection Record

Approve	Date	Inspector
Foundation and Location		
Floor Slabs		
Sheathing		
Framing	4-24-79	D.S.
Lath or Drywall	4-30-79	Paul
Brown Coat		
Parking		
Landscaping		
Land Use Conditions		
Final	5-23-79	Paul
Utility Release	5-25-79	MW

A 28039

BUILDING PERMIT

CITY OF HUNTINGTON BEACH
DEPARTMENT OF BUILDING
AND COMMUNITY DEVELOPMENT
(714) 536-5241

Applicant to fill in area within heavy lines only.

BUILDING ADDRESS: 10111 Adams HB, CA

Lot No. | Tract No. | Block No.

Owner: Allen Fainberg

Address: 3175 Airway | Tel. No. 556-0770

City: Costa Mesa | State: CA | Zip: 92626

Contractor: Owner | Tel. No.

Address | Lic. No.

City | Lic. Class

Architect or Engineer: Alstrin & Schultz | Tel. No. 891-7370

Address: 1000 E Chapman | Lic. No.

City: Fullerton | State: CA | Zip: 92631

Sq. Ft. Living | No. of Stories | No. of Families

Sq. Ft. Garage | Description of Work: Add New Entrance & Framing For Toilet

Use of Building: Retail Store.

Valuation (Including Labor & Mat.): 1,500

Check One: NEW ☐ ADD ☑ ALTER ☒ REPAIR ☐ DEMOL. ☐ RELOCATE ☐

I have read this application and agree to comply with all local and state laws applicable to building construction.
☐ 1. I am validly registered and licensed as required by the City of Huntington Beach and the State of California, or
☒ 2. I am the legal owner of the above described property.
I have filed with the City of Huntington Beach:
☐ 1. A certificate of consent to self-insure issued by the Director of Industrial Relations, or
☒ 2. A certificate of workers' compensation insurance issued by an admitted insurer, or
☐ 3. An exact copy or duplicate thereof certified by the Director or the insurer, or
☐ 4. I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers compensation laws of the State of California.
I certify (or declare) under penalty of perjury that the foregoing is true and correct, and this declaration was executed on the 11 day of Jan, 19 79 at Huntington Beach, California.

Allen Fainberg
Permittee

If work is not commenced 120 days from date of issue of this permit, or if work is abandoned for more than 120 days, this permit shall be null and void.

Building Address: 10111 Adams | Plan Check No. 9761

Occupancy Grp. E Div. 2 | Type of Construction V-N | Occ. Load —

Use Zone C2 | Use Comm | Parking Spaces Required —

Planning Action | Coastal Permit Zone ☐ Yes ☒ No

Land Use Approved By [illegible] Date 1-11-79

Permit Authorized By FM Date 1-24-79

Permit Issued By ____ Date ____

Receipt No.

Remarks:

FEES:
Permit $ 52.00
Plan Check $ 26.00
Conservation $ 70
TOTAL $ 98.70

Inspection Record

Approval	Date	Inspector
Foundation and Location	1-26-79	Paull
Floor Slabs		
Sheathing		
Framing	4-24-79	[illegible]
Lath or Drywall	4-30-79	Paull
Brown Coat		
Parking		
Landscaping		
Land Use Conditions		
Final	5-25-79	Paull
Utility Release		

A 59346

BUILDING PERMIT

Applicant to fill in area within heavy lines only.

CITY OF HUNTINGTON BEACH
DEPARTMENT OF
DEVELOPMENT SERVICES
P.O. BOX 190 • CALIFORNIA 92648
(714) 536-5241

BUILDING ADDRESS	10111-B Adams
Lot No. / Tract No. / Block No.	
Owner	ALLEN FAINBARG
Address	2323 N. TUSTIN AVE — Tel. No. 972-1373
City	SANTA ANA — State: Calif. — Zip: 92705
Contractor	DAVID JESSEE CONST. CO. — Tel. No. 625-7173
Address	1260 HARVARD AVE. — State Lic. No. 322726
City	CLAREMONT, CALIF. 91711 — City Lic. No.
Architect or Engineer	FOSTER RHODES JACKSON — Tel. No. 596-2407
Address	Lic. No. C-786
City	CLAREMONT, CALIF. — State — Zip: 91711
Sq. Ft. Living / No. of Stories / No. of Families	
Sq. Ft. Garage	Description of Work: Tenant Improv. 6150
Use of Building	Retail Sales
Valuation (Including Labor & Mat.)	18000

Check One: NEW ☐ ADD ☐ ALTER ☒ REPAIR ☐ DEMOL. ☐ RELOCATE ☐

I have read this application and agree to comply with all local and state laws applicable to building construction.
☒ 1. I am validly registered and licensed as required by the City of Huntington Beach and the State of California, or
☐ 2. I am the legal owner of the above described property.
I have filed with the City of Huntington Beach:
☐ 1. A certificate of consent to self-insure issued by the Director of Industrial Relations, or
☐ 2. A certificate of workers' compensation insurance issued by an admitted insurer, or
☐ 3. An exact copy or duplicate thereof certified by the Director or the insurer, or
☒ 4. I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers compensation laws of the State of California.
I certify (or declare) under penalty of perjury that the foregoing is true and correct, and this declaration was executed on the 23 day of April, 19 85 at Huntington Beach, California.

Permittee

If work is not commenced 180 days from date of issue of this permit, or if work is abandoned for more than 180 days, this permit shall be null and void.

Building Address	10111-B Adams — Plan Check No. 13628
Occupancy Grp. B — Div. 2	Type of Construction V — Occ. Load 100
Use Zone C-2 — Use Commercial	Parking Spaces Required 200
Planning Action	Coastal Permit Zone ☐ Yes ☒ No
Land Use Approved By	Date 4-23-85 — FEES: Permit $148.50
Permit Authorized By	Date 4-23-85 — Plan Check $84.50
Permit Issued By	Date 4-23-85 — Conservation $1.25
Receipt No. 200005	TOTAL $
Community Enrichment Library Fee: Sq. Ft.	Fee $
Remarks:	FOR RETAIL SALES.

Inspection Record

Approval	Date	Inspector
Foundation and Location		
Floor Slabs		
Sheathing		
Framing	6-28-85	
Lath or Drywall	8-14-85	Paul
Brown Coat		
Parking		
Landscaping		
Land Use Conditions		
Final	12-1-85	Paul
Utility Release		

1

INSPECTION

A 62962

BUILDING PERMIT

Applicant to fill in area within heavy lines only.

CITY OF HUNTINGTON BEACH
DEPARTMENT OF
DEVELOPMENT SERVICES
P.O. BOX 190 - CALIFORNIA 92648
(714) 536-5241

BUILDING ADDRESS 10111 Adams Ste "B" Huntington Beach

Lot No. | Tract Nr. | Block No

Owner Petland, Inc.

Address 156 N. Hickory St. | Tel. No. 614 775-2464

City Chillicothe | State Ohio | Zip 45601

Contractor Petland Inc. | Tel. No. 614-775-2464

Address 156 N. Hickory St. | State Lic. No.

City Chillicothe Ohio | City Lic. No.

Architect or Engineer Dan Kline and Associates | Tel. No.

Address 74 South 4th St. | Lic. No.

City Columbus | State Ohio | Zip 43215

Sq. Ft. Living 6150 | No. of Stories 1 | No. of Families

Sq. Ft. Garage | Description of Work Remodel existing space to accomodate new Pet Store

Use of Building Retail Sales of Pets & Pet Supplies

Valuation (Including Labor & Mat'l) 35,000.00

Check One: NEW ☐ ADD ☐ ALTER ☒ REPAIR ☐ DEMOL. ☐ RELOCATE ☐

I have read this application and agree to comply with all local and state laws applicable to building construction.
☐ 1. I am validly registered and licensed as required by the City of Huntington Beach and the State of California, or
☒ 2. I am the legal owner of the above described property.
I have filed with the City of Huntington Beach:
☐ 1. A certificate of consent to self-insure issued by the Director of Industrial Relations, or
☐ 2. A certificate of workers' compensation insurance issued by an admitted insurer, or
☐ 3. An exact copy or duplicate thereof certified by the Director or the insurer, or
☒ 4. I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers compensation laws of the State of California.
I certify (or declare) under penalty of perjury that the foregoing is true and correct, and this declaration was executed on the 14 day of Jan., 1986 at Huntington Beach, California.

Harold C. Pigau
Permittee

If work is not commenced 180 days from date of issue of this permit, or if work is abandoned for more than 180 days, this permit shall be null and void

Building Address 10111 Adams Ave Ste B | Plan Check No. 14227

Occup. Grp B | Div 2 | Type of Construction | Occ. Load 153

Use Zone | Use Comm | Parking Spaces Required 31

Planning Action | Coastal Permit Zone ☐ Yes ☒ No

Land Use Approved By 1-14-86 | FEES: Permit $715.50

Zone Authorized By 1-14-86 | Plan Check $140.50

Permit Issued 2-11-86 | Conservation $ 2.45

Receipt No. 209795 | TOTAL $858.45

Community Enrichment Library Fee: Sq. Ft. ____ Fee $ ____

Remarks:

Inspection Record		
Approval	Date	Inspector
Foundation and Location		
Floor Slabs		
Sheathing		
Framing	2-4-86	Paul
Drywall	2/7/86	Verbeck
Brown Coat		
Parking		
Landscaping		
Land Use Conditions		
Final	2-17-86	Paul
Utility Release		

1

INSPECTION

A 62962

BUILDING PERMIT

Applicant to fill in area within heavy lines only.

CITY OF HUNTINGTON BEACH
DEPARTMENT OF
DEVELOPMENT SERVICES
P.O. BOX 190 - CALIFORNIA 92648
(714) 536-5241

BUILDING ADDRESS 10111 Adams Ste "B" Huntington Beach

Lot No. | Tract Nr. | Block No.

Owner: Petland, Inc.

Address: 196 N. Hickory St. | Tel. No. 614 775-2464

City: Chillicothe | State: Ohio | Zip: 45601

Contractor: Petland Inc. | Tel. No. 614-775-2464

Address: 196 N. Hickory St. | State Lic. No.

City: Chillicothe Ohio | City Lic. No.

Architect or Engineer: Dan Kline and Associates | Tel. No.

Address: 74 South 4th St. | Lic. No.

City: Columbus | State: Ohio | Zip: 43215

Sq. Ft. Living: 6150 | No. of Stories: 1 | No. of Families:

Sq. Ft. Garage | Description of Work: Remodel existing space to accomodate new Pet Store

Use of Building: Retail Sales of Pets & Pet Supplies

Valuation (Including Labor & Mat'l.): 35,000.00

Check One: NEW ☐ ADD ☐ ALTER ☒ REPAIR ☐ DEMOL. ☐ RELOCATE ☐

I have read this application and agree to comply with all local and state laws applicable to building construction.
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☒ 2. I am the legal owner of the above described property.
I have filed with the City of Huntington Beach:
☐ 1. A certificate of consent to self-insure issued by the Director of Industrial Relations, or
☐ 2. A certificate of workers' compensation insurance issued by an admitted insurer, or
☐ 3. An exact copy or duplicate thereof certified by the Director or the insurer, or
☒ 4. I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers compensation laws of the State of California.
I certify (or declare) under penalty of perjury that the foregoing is true and correct, and this declaration was executed on the 14 day of Jan., 1986 at Huntington Beach, California.

Harold C. Pique
Permittee

If work is not commenced 180 days from date of issue of this permit, or if work is abandoned for more than 180 days, this permit shall be null and void.

Building Address: 10111 Adams Ave Ste B | Plan Check No. 14227

Occup. Grp. B | Div. 2 | Type of Construction | Occ. Load 153

Use Zone: C2 | Use: Pet Store | Parking Spaces Required 31

Planning Action | Coastal Permit Zone ☐ Yes ☒ No

Land Use Approved By: 1-14-86 Date | FEES: Permit $715.50

Code Authorized By: 1-14-86 Date | Plan Check $146.55

Permit Issued By: 1/14/86 Date | Conservation $ 2.45

Receipt No. 209795 | TOTAL $358.45

Community Enrichment Library Fee: Sq. Ft. _____ Fee $ _____

Remarks:

Inspection Record		
Approval	Date	Inspector
Foundation and Location		
Floor Slabs		
Sheathing		
Framing	2-4-86	Paul
Drywall	2/7/86	[illegible]
Brown Coat		
Paving		
Landscaping		
Land Use Conditions		
Final	2-14-86	Paul
Utility Release		

INSPECTION

CITY OF HUNTINGTON BEACH

2000 MAIN ST.
HUNTINGTON BEACH, CA 92648

DEPARTMENT OF
DEVELOPMENT SERVICES
P.O. BOX 190 - CALIFORNIA 92648
(714) 536-5241

10111 Adams

B U I L D I N G P E R M I T

Permit number: B004818 PC # 1
Bldg Address: 10111 ADAMS Tract NA Lot NA Block N
EXIST. BLDG. "C" Building Use : COM

Owner
CLOTH WORLD
SAME

Contractor
WESTERN FIXTURE INSTALL
BOX 5727
ORANGE CA 92613
PH. ( )639-6303
St.No. City Lic. A116662

Architect or Engineer
NA

Comments: INTERIOR REMODEL - T.I.

Public Building ? NO
Sq.Ft: Living No.Stories Valuation 20000
Garage No.Families Build.Code
Descript:
Occ Grp: Constr.Type Occ.Load
Zone: C2FP2
Census Code 437 Bldg.Usage COM Parking Sps.
Planning Action: Coastal Permit? NO

Appl.Date 03/11/88 Landuse JA 03/11/88 Auth. GH 03/11/88

PC PC Receipt #

Issued CHG 03/11/88 Issue Receipt # 229379

INSPECTION FEES

Description	Amount	Description	Amount
Inspection Fee	168.60		
Processing	10.00	Plancheck	109.59
Library	0.00	Conservation	3.00
Micro Copy Fee	6.00		
Penalty	0.00	Total Fee	297.19

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self insure, or a certificate of Worker Compensation insurance, or a certified copy thereof (Sec. 3800, Lab. C).

Policy No _____ Company _____

☐ Certified copy is hereby furnished.
☐ Certified copy is filed with the city building inspection department

Date _____ Applicant _____

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

(This section need not be completed if the permit is for one hundred dollars ($100) or less.) I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to Worker's Compensation Laws.

X Date 3/11/88 Applicant

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Worker's Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

LICENSED CONTRACTORS DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Number _____ Lic. Class _____

X Contractor _____ Date 3/11/88

☐ I am exempt from the licensing requirements as I am a licensed architect or a registered professional engineer acting in my professional capacity (Section 7011, Business and Professions Code).

Lic. or Reg. No. _____ Date _____

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason. (Sec. 7031.5 Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the Contractor's License Law (Chapter 9) (commencing with Section 7000) of Division 3 of the Business and Professions Code, or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500).):

☐ I as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale. (Sec. 7044) Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.

☐ I as owner of the property, am exclusively contracting with licensed contractors to construct the project. (Sec. 7044) Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.

☐ I am exempt under Sec. _____, B. & P.C. for this reason _____

Date _____ Owner _____

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name _____
Lender's Address _____

I certify that I have read this application and state that the above information is correct. I agree to comply with all city ordinances and State laws relating to building construction, and hereby authorize representatives of this city to enter upon the above-mentioned property for inspection purposes.

X _____ 3/11/88
Signature of Applicant or Agent Date

WHITE COPY - INSPECTOR, BLUE COPY - COUNTY, GOLD COPY - OFFICE, GREEN COPY - APPLICANT
INSPECTOR

CITY OF HUNTINGTON BEACH

DEPARTMENT OF BUILDING & SAFETY
2000 Main St., Huntington Beach, CA 92648
(714) 536-5241 Fax 374-1647

ALL INSPECTION REQUESTS MUST BE RECEIVED BY 4:30 P.M.
FOR THE FOLLOWING DAY'S INSPECTION.

B U I L D I N G P E R M I T

Permit Number: B-070124 PC #199902282 RD 437
Bldg. Address: 10111 ADAMS AV Tract: 200060 Lot: 5000 Block: 1000
EXIST. BLDG. Building Use: COM -TI

Owner:
BEACHMONT PLAZA LLC
10111 ADAMS AVE
HUNTINGTON BEACH CA 92646
Ph. (562)490-0098

Contractor:
B-SYSTEMS
6851 JARDINDES DR
HUNTINGTON BEACH CA 92647
Ph. 847-0247
St.No. City Lic. A171232

Designer:
NA

Credit $572.75 iss. 10/12/99 Should have been 3 mo. P/C + 1 yr. insp. only
* Credit issued to cust. for Overcharge on Permit Fees

Project Description: TEMPORARY USE (EVENT) "THE HAUNT-99" FOR BSA, NON-STRUC. PARTITION WALLS OF 2X3 AND 2X4, CONSTR W/ 3/8 PLYWD SURFACING (COFO IN PROJECT FILE)

Sq.Ft. Res/Com:
Garage :
Misc. :
No. Stories:
No. Families:
Valuation: 36930
Bldg. Code: TI

Occ. Group: A4
Public Building? NO
Census Code: 9999
Entitlement(s):
Occ. Load:
Constr. Type:
Bldg. Use: COM
Zone: CG
Park. Spaces:
Coastal Permit? NO

Application: 09/30/1999 Plancheck: 09/30/1999 LEK #311928
Authorized: Building: 10/11/1999 EJS Public Works:
Planning: 10/11/1999 SP Fire Dept:

* * * PERMIT FEES * * *

Description	Amount	Account	Description	Amount	Account
INSPECTION	387.72	RAACD23430600	ISSUANCE	25.00	RAACD23433200
PLANCHECK	40.73	** PAID **	PENALTY	0.00	RAACD23483000
LIBRARY	0.00	RLXLS39171100	PARKS & REC.	0.00	RSKCD23435500
CONSERVATION	7.76	GAA 00020116	P/PLANCHECK	13.58	** PAID **
DEMOLITION	0.00	RAACD23430600	LIBRARY DEV.	0.00	RLCLS39132800
MICRO COPY	9.00	GUU 00022555	PC ADJUST	308.22	RAACD23470500
P/PC ADJUST	102.74	RAACD23133800			
		TOTAL FEE	840.44		

See Computer for Inspect. Status

Processed: 10/11/1999 RO #B-070124 Issued: 10/11/1999 RO

M/C

WORKERS' COMPENSATION DECLARATION

I hereby affirm under penalty of perjury one of the following declarations:
☐ I have and will maintain a certificate of consent to self-insure for workers' compensation, as provided for by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued.
☐ I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation insurance carrier and policy number are:
Carrier _____
Policy Number _____
(This section need not be completed if the permit is for one hundred dollars ($100) or less.
☐ I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

Date: 10/11/99 Applicant: Bisser Tatchev

THIS BOX MUST REGISTER WHEN PRINTED: B070124 BldPrmts
Mon Oct 11, 1999 11:33 AM £104941

WARNING: FAILURE TO SECURE WORKERS' COMPENSATION COVERAGE IS UNLAWFUL, AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS ($100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3708 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm under penalty of perjury that I am licensed under provision of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.
License No. 716668 License Class B
Contractor B-Systems Date 10/11/99

If work is not commenced 180 days from date of issue of this permit, or if work is abandoned for more than 180 days, this permit shall be subject to expiration.

OWNER-BUILDER DECLARATION

I hereby affirm under penalty of perjury that I am exempt from Contractor's License Law for the following reason (Section 7031.5, Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractor's License Law (Chapter 9) (commencing with Section 7000) of Division 3 of the Business and Professions Code) or that he or she is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500).):
☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale. (Sec. 7044, Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or herself or through his or her own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner/builder will have the burden of proving that he or she did not build or improve for the purpose of sale.)
☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law).
☐ I am exempt under Sec. _____.
B.&P.C. for this reason _____
Date _____ Owner _____

CONSTRUCTION LENDING AGENCY

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C).
Lender's Name _____
Lender's Address _____

I certify that I have read this application and state that the above information is correct. I agree to comply with all city and county ordinances and State laws relating to building construction, and hereby authorize representatives of this county to enter upon the above-mentioned property for inspection purposes.

Signature of Applicant or Agent — Date 10/11/99

A 54650

BUILDING PERMIT

Applicant to fill in area within heavy lines only.

CITY OF HUNTINGTON BEACH
DEPARTMENT OF
DEVELOPMENT SERVICES
P.O. BOX 190 - CALIFORNIA 92648
(714) 536-5241

BUILDING ADDRESS: 10111 ADAMS. Unit "C"

Lot No. | Tract No. | Block No.

Owner: WILD WEST STORES

Address: 3030 AIRWAY | Tel. No. 714-545-3362

City: COSTA MESA | State: CA | Zip: 92626

Contractor: FRANK DE MEIRE | Tel. No. 213 822 7497

Address: 13468 BEACH AVE | State Lic. No. 355321

City: MARINA DEL REY | City Lic. No. 22339

Architect or Engineer: S. CORMAN BLUMENTHAL | Tel. No. 818-788-1600

Address: 620 N. LAKE SHORE DR | Lic. No.

City: CHICAGO | State: ILLINOIS | Zip: 60611

Sq. Ft. Living | No. of Stories: 1 | No. of Families

Sq. Ft. Garage | Description of Work: INTEIOR RENOVATION, RETAIL DISPLAY FITTING RMS, STORAGE

Use of Building: RETAIL

Valuation (Including Labor & Mat): $180,000

Check One: NEW ☐ ADD ☐ ALTER ☑ REPAIR ☐ DEMOL. ☐ RELOCATE ☐

I have read this application and agree to comply with all local and state laws applicable to building construction.

☑ 1. I am validly registered and licensed as required by the City of Huntington Beach and the State of California, or
☐ 2. I am the legal owner of the above described property.

I have filed with the City of Huntington Beach:

☐ 1. A certificate of consent to self-insure issued by the Director of Industrial Relations, or
☑ 2. A certificate of workers' compensation insurance issued by an admitted insurer, or
☐ 3. An exact copy or duplicate thereof certified by the Director or the insurer, or
☐ 4. I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers compensation laws of the State of California.

I certify (or declare) under penalty of perjury that the foregoing is true and correct, and this declaration was executed on the 13 day of June, 1984 at Huntington Beach, California.

Applicant

If work is not commenced 180 days from date of issue of this permit, or if work is abandoned for more than 180 days, this permit shall be null and void.

Building Address: 10111 ADAMS, HUNTINGTON Unit "C" | Plan Check No. 12524

Occupancy: Grp B Div 2 | Type of Construction: V-N SPRK | Occ. Load: 1 3603+32

Use Zone: C2 | Use: COMML | Parking Spaces Required

Planning Action | Coastal Permit Zone ☐ Yes ☒ No

Land Use Approved By ____ Date 6-13-84

Permit Authorized By ____ Date 6-13-84

Permit Issued By WW 6-15-84

FEES:
Permit $633.00
Plan Check $411.50
Conservation $ 12.60
TOTAL $

Receipt No. 195983

Community Enrichment
Library Fee: Sq. Ft. ____ Fee $ ____

Remarks:

PC pd 5/10/84 #195150

Approval	Inspection Record Date	Inspector
Foundation and Location		
Floor Slabs		
Sheathing		
Framing	7/16/84	Rendlin
Lath or Drywall	7/27/84	Rendlin
Brown Coat		
Parking		
Landscaping		
Land Use Conditions		
Final	8/22/84	Rendlin
Utility Release		

INSPECTION

1

JP

CITY OF HUNTINGTON BEACH

2000 MAIN ST.
HUNTINGTON BEACH, CA 92648

DEPARTMENT OF
COMMUNITY DEVELOPMENT
P.O. BOX 190 - CALIFORNIA 92648
(714) 536-5241

NO. 092118

ALL INSPECTION REQUESTS MUST BE RECEIVED BY 4:00 P.M.
FOR THE FOLLOWING DAY'S INSPECTION.

B U I L D I N G P E R M I T

Permit Number: B-048085 PC # RD 437
Bldg. Address: 10081 ADAMS AV Tract: NA Lot: NA Block: NA
EXIST. BLDG. Building Use: SFD - REROOF

Owner:
WESTERN REALTY
2760 E. SPRING 200
LB 90806
Ph. (310)490-0098

Contractor:
WESTERN ROOFING
7931 RONALD RD #A
HUNTINGTON BEACH CA 92647
Ph. 893-4377 Classes: C39
St.No. 386752 City Lic. A080292

Designer:
NA

Remarks: T/O EXISTING ROOF INSTALL NEW BUILT UP HOT ROOF
50 SQS

Sq.Ft. Res/Com:
Garage : No. Stories: 1 Valuation: .00
Misc. : No. Families: Bldg. Code: REPAIR
Desc.:
Occ. Group: Occ. Load: Zone:
Public Building? NO Constr. Type:
Census Code: 999 Bldg. Use: COMM Park. Spaces:
Entitlement(s): Coastal Permit? NO
Application: 01/08/96 Plancheck:
Authorized: Building: 01/08/96 SDS Planning: 01/08/96 SDS
Fire Dept.: Public Works:
Processed: 01/08/96 SDS #B-048085 Issued: 01/08/96 SDS

PERMIT FEES

DESCRIPTION	AMOUNT	ACCOUNT	DESCRIPTION	AMOUNT	ACCOUNT
INSPECTION	104.00	RAACD23430600	ISSUANCE	20.00	RAACD23430600
PLANCHECK	0.00	RAACD23470500	PENALTY	0.00	RAACD23483000
LIBRARY	0.00	RAACD23471100	PARKS & REC.	0.00	RSKCD23435500
CONSERVATION	1.58	GAA 00020116	P/PLANCHECK	0.00	RAACD23133800
		TOTAL FEE	125.58		

INITIALS DATE
FINAL INSPECTION: JP 1/12/96

Processed: 01/08/96 SDS #B-048085 Issued: 01/08/96 SDS

#11993

WORKERS' COMPENSATION DECLARATION

I hereby affirm under penalty of perjury one of the following declarations:
☐ I have and will maintain a certificate of consent to self-insure for workers' compensation, as provided for by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued.
☐ I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation insurance carrier and policy number are:
Carrier STATE FUND
Policy Number 1285-97 164
(This section need not be completed if the permit is for one hundred dollars ($100) or less.
☐ I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.
Date: 1-8-96 Applicant:

WARNING: FAILURE TO SECURE WORKERS' COMPENSATION COVERAGE IS UNLAWFUL, AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS ($100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.

THIS BOX FOR REGISTER VALIDATION ONLY

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm under penalty of perjury that I am licensed under provision of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.
License No. 386752 License Class C39
Contractor Date 1-8-96
☐ I am exempt from the licensing as I am a licensed architect or a registered professional engineer acting in my professional capacity (Section 7051, Business and Professions Code).
Lic. or Reg. No. Date

If work is not commenced 180 days from date of issue of this permit, or if work is abandoned for more than 180 days, this permit shall be null and void.

OWNER-BUILDER DECLARATION

I hereby affirm under penalty of perjury that I am exempt from Contractor's License Law for the following reason (Section 7031.5, Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractor's License Law (Chapter 9) (commencing with Section 7000) of Division 3 of the Business and Professions Code) or that he or she is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500).):
☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale. (Sec. 7044, Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or herself or through his or her own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner/builder will have the burden of proving that he or she did not build or improve for the purpose of sale.)
☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).
☐ I am exempt under Sec. _____,
B.&P.C. for this reason _____
Date _____ Owner _____

CONSTRUCTION LENDING AGENCY

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C).
Lender's Name _____
Lender's Address _____

CERTIFICATE OF EXEMPTION FROM WORKERS' COMPENSATION INSURANCE
(THIS SECTION NEED NOT BE COMPLETED IF PERMIT IS FOR ONE HUNDRED DOLLARS ($100) OR LESS)
Date _____ Applicant _____
NOTICE TO APPLICANT: If after making this Certificate of Exemption, you should become subject to the Workers' Compensation provisions of the Labor Code, you must forthwith comply with such provisions; or this permit shall be deemed revoked.

I certify that I have read this application and state that the above information is correct. I agree to comply with all city and county ordinances and State laws relating to building construction, and hereby authorize representatives of this county to enter upon the above-mentioned property for inspection purposes.
Signature of Applicant or Agent Date 1-8-96

NO. 092118

FORM 140-Rev. 2/95

WHITE COPY - INSPECTOR, BLUE COPY - COUNTY, CANARY COPY - OFFICE, GREEN COPY - APPLICANT, PINK COPY - TREASURER

BUILDING PERMIT

DEPARTMENT OF BUILDING — CITY OF HUNTINGTON BEACH

ZONING AND BUILDING

Use Zone C-2

Main Use	Acc. Use

Set Back - C/L ST — C/L ST

Side Yard Rt — Projection

Side Yard Lt — Projection

Rear Yard — No Parking Sp. Reqd.

Zoning Approved By H. DAY — Date 6-18-64

Group — Type — Plan Ck.

Remarks:

FEES

Building Permit $ 319.50	9/17/64
Plan Check $ 159.75	Paid 3339 Misc. Rec. No.

Permit Prepared by Bas.

Permit Authorized by OCC — Date 6/18/64

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and state laws regulating building construction.

I hereby certify that I am properly registered with and/or licensed as required by the City of Huntington Beach and/or State of California, or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued I shall not employ any person in violation of the workmen's compensation laws of the State of California.

Signature of Permittee: Millie & Sawson Inc. R. E. Mokkler — Date 6/18/64

For Applicant to Fill In

Nº 26911

Job Address 10111 ADAMS AVE

Lot No. 1 of 3 Tract No. T. 65 Blk No. Map

Bldg. Block Metes & Bounds (Corner)

Owner Kaus. Shopping Ctr.

Owner's Address Lower Azusa Rd. El Monte

Description of Work New

Use of Building MARKET.

Area of Building 24000	Valuation $ 204,000

Contractor Millie & Sawson

Address 2679 Redondo Ave

State Lic. No. — L.A.

INSPECTION RECORD

APPROVAL	DATE	INSPECTOR
Foundation and Location	7-9-64	Jones
Reinforcing		
Roof Sktg.	8-28-64	Jones
Rough Frame	9/22/64	Jones
Lath or Drywall	9/25/64	Jones
Plas. Brown Ctg.	9/28/64	Jones
Final	12-18-64	Jones
Utility Release		

VALIDATION BY CASHIER

Plan Check

Bldg. Pt. # 315.50

JUN 22 CITY OF HUNTINGTON BEACH PAID

Routing: No. 1 Bldg. Inspector — No. 2 Office File — No. 3 Statistics — No. 4 Owner

1

BUILDING PERMIT

DEPARTMENT OF BUILDING — CITY OF HUNTINGTON BEACH

ZONING AND BUILDING

Use Zone

	Main Use	Acc. Use.

Set Back - C/L ST — C/L ST

Side Yard Rt — Projection

Side Yard Lt — Projection

Rear Yard — No Parking Sp. Reqd.

Zoning Approved By — Date

Group — Type — Plan Ck.

Remarks:

FEES

Building Permit $ 12.24	
Plan Check $ 21.00	Paid Misc. Rec. No.
Permit Prepared by bl	
Permit Authorized by acc	Date 7/3/64

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regulating building construction.

I hereby certify that I am properly registered with and/or licensed as required by the City of Huntington Beach and/or State of California, or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued I shall not employ any person in violation of the workman's compensation laws of the State of California.

Signature of Permittee by application — Date 7/3/64

For Applicant to Fill in

№ 27320

Job

Address 10111 Adams

Lot No. — Tract No. — Blk No.

Please Attach Metes & Bounds (2 Copies)

Owner Vons Mkt.

Owner's Address Azusa Rd. El Monte

Description of Work Fire Sprinklers

Use of Building Comm. Mkt.

Area of Building — Valuation $ 12,349

Contractor Grinnell

Address 520 Mateo St. L.A.

State Lic. No. C 16-1292 — MA 3-7272

INSPECTION RECORD

APPROVAL	DATE	INSPECTOR
Foundation and Location		
Reinforcing		
Rec of Shtg.		
Rough Frame		
Lath or Drywall		
Plas. Brown Ct.		
Final		
Utility Release		

VALIDATION BY CASHIER

Plan Check

Bldg. Pt. 63.00

Routing: No. 1 Bldg. Inspector — No. 2 Office File — No. 3 Statistics — No. 4 Owner

BUILDING PERMIT

DEPARTMENT OF BUILDING — CITY OF HUNTINGTON BEACH

ZONING AND BUILDING

Use Zone

	Main Use	Acc. Use.

Set Back - C/L ST — C/L ST

Side Yard Rt — Projection

Side Yard Lt — Projection

Rear Yard — No Parking Sp. Reqd.

Zoning Approved By — Date

Group — Type — Plan Ck

Remarks: *** NW¼ SW¼ SEC. 5 t 65 R. 10W

FEES

Building Permit $ 15.00	
Plan Check $ 7.50	Paid Misc. Rec. No.
Permit Prepared by M.G.	
Permit Authorized by O.C.C.	Date 10/27/64

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regulating building construction.

I hereby certify that I am properly registered with and/or licensed as required by the City of Huntington Beach and/or State of California, or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued I shall not employ any person in violation of the workmen's compensation laws of the State of California.

Signature of Permittee _____ Date _____

For Applicant to Fill in

№ 29896

Job

Address 10177 ADAMS AVE.

Lot No. *** Tract No. Blk No.

Please Attach Notes & Sounds (2 Copies)

Owner - MACCO REALTY

Owner's Address 3800 E. COAST HYW. CORONA DEL MAR

Description of Work BLOCK WALL

Use of Building

Area of Building 1800 lineal ft.	Valuation $ 4,000
Contractor GARY JASPER	
Address 18361 BEACH BLVD. H. BCH.	
State Lic. No.	

INSPECTION RECORD

APPROVAL	DATE	INSPECTOR
Foundation and Location	10-24-64	Cate
Reinforcing		
Roof Sheg.		
Rough Frame		
Lath or Drywall		
Plas. Brown Ct.		
Final	11-13-64	Cate
Utility Release		

VALIDATION BY CASHIER

Plan Check

Bldg. Pt. 22.50

Paid

Routing: No. 1 Bldg. Inspector No. 2 Office File No. 3 Statistics No. 4 Owner

1

10113
ADAMS AVE.

BUILDING PERMIT

A 27247

Applicant to fill in area within heavy lines only.

CITY OF HUNTINGTON BEACH
DEPARTMENT OF BUILDING
AND COMMUNITY DEVELOPMENT
(714) 536-5241

BUILDING ADDRESS 10113 10th Adams

Lot No.	Tract No.	Block No.
Owner S+A Properties		
Address Wild West Stores		Tel. No. 571-7370
City	State	Zip
Contractor OW Inc. builder		Tel. No.
Address		Lic. No.
City		Lic. Class
Architect or Engineer: McClean + Schultz		Tel. No.
Address 2000 E. Chapman		Lic. No.
City Fullerton	State CA	Zip
Sq. Ft. Living	No. of Stories 1 mezz	No. of Families
Sq. Ft. Garage	Description of Work alterations	
interior		
Use of Building Comm.		
Valuation (Including Labor & Mat.) 16,100		

Check One: NEW ☐ ADD ☐ ALTER ☒ REPAIR ☐ DEMOL. ☐ RELOCAT ☐

I have read this application and agree to comply with all local and state laws applicable to building construction.
☑ 1. I am validly registered and licensed as required by the City of Huntington Beach and the State of California, or
☑ 2. I am the legal owner of the above described property.
I have filed with the City of Huntington Beach:
☑ 1. A certificate of consent to self-insure issued by the Director of Industrial Relations, or
☐ 2. A certificate of workers' compensation insurance issued by an admitted insurer, or
☑ 3. An exact copy or duplicate thereof certified by the Director or the insurer, or
☑ 4. I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers compensation laws of the State of California.
I certify (or declare) under penalty of perjury that the foregoing is true and correct, and this declaration was executed on the 21 day of Nov, 19 78 at Huntington Beach, California.

Linda J. Hawkins
Permittee

If work is not commenced 120 days from date of issue of this permit, or if work is abandoned for more than 120 days, this permit shall be null and void.

Building Address 10th ADAMS		Plan Check No. 7694
Occupancy Grp F Div 2	Type of Construction V-N	Occ. Load 400
Use Zone C2	Use Comm	Parking Spaces Required
Planning Action		Coastal Permit Zone ☐ Yes ☒ No
Land Use Approved By [illegible] Date 11-21-78		FEES: Permit $ 80.00
Permit Authorized By [illegible] Date 11-21-78		Plan Check $ 40.00
Permit Issued By [illegible] Date 11-21-78		Conservation $ 1.15
Receipt No. 41387		TOTAL $
Remarks: Subject to field corrections		

Inspection Record

Approval	Date	Inspector
Foundation and Location		
Floor Slabs		
Sheathing		
Framing	11-21-78	Paul
Lath or Drywall	11-24-78	Paul
Brown Coat		
Parking		
Landscaping		
Land Use Conditions		
Final	12-19-78	Paul
Utility Release		

1

F. S.W 1/4 of Sec 5
F. 65 @110 12 Empch 3 Bal

BUILDING PERMIT

155

For Applicant to Fill In

No 30950

DEPARTMENT OF BUILDING — CITY OF HUNTINGTON BEACH

ZONING AND BUILDING

Use Zone

	Main Use	Acc. Use.

Set Back - C/L ST — C/L ST

Side Yard Rt — Projection

Side Yard Lt — Projection

Rear Yard — No Parking Sp. Reqd.

Zoning Approved By — Date

Group — Type — Plan Ck.

Remarks: Plan Rescinded 7-25-68
Bldg for Low Income
of Change or Valuation
55.50 FEES

Building Permit $ ~~[illegible]~~ — 10-21-64 Cal. 50 Paid ~~[illegible]~~ 7879 Misc. Rec. No.

Plan Check $

Permit Prepared by Bad

Permit Authorized by OCL — Date 12-14-64

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regulating building construction.

I hereby certify that I am properly registered with and/or licensed as required by the City of Huntington Beach and/or State of California, or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued I shall not employ any person in violation of the workmen's compensation laws of the State of California.

ERS Construction

Signature of Permittee B.H. Kelly — Date 12/14/64

Job Address 10113 – 10119 ADAMS.

Lot No. X — Tract No. — Blk No.

Terms Attach Metes & Bounds (2 Copies)

Owner LANDS & Bldg. Inc

Owner's Address 811 W 7th St LA

Description of Work New

Use of Building Comm. Shell Store

Area of Building 5000 — Valuation $ ~~42,500~~ 26,000

Contractor Owner

Address —

State Lic. No.

INSPECTION RECORD

APPROVAL	DATE	INSPECTOR
Foundation and Location	6-21-64	[illegible]
Reinforcing		
Roof Shtg.	4-21-65	[illegible]
Rough Frame		
Lath or Drywall		
Plas. Brown Ct.		
Final	11-22-66	[illegible]
Utility Release		

VALIDATION BY CASHIER

Plan Check

Bldg. Pt. $ ~~[illegible]~~ 55.50

DEC 1964 CITY OF HUNTINGTON BEACH PAID

Routing: No. 1 Bldg. Inspector — No. 2 Office File — No. 3 Statistics — No. 4 Owner

CITY OF HUNTINGTON BEACH

DEPARTMENT OF BUILDING & SAFETY

2000 Main St., Huntington Beach, CA 92648

For Inspections Call: (714) 536-5241

Inspector:

Solorzano, Ruben (714) 374-1740

BUILDING PERMIT

Permit Number:	B1996-048959	**Sprinklered?**	No	**Valuation:**	$5,300.00
Date Issued:	04/03/1996	**Zone:**		**Coastal Permit?**	No
Building Address:	10115 Adams Ave	**Block**	0000	**No. Families:**	0
Date Entered:	04/03/1996	**Tract:**	00000	**No. Stories:**	0
Building Use:	SFR	**Lot:**	0000	**Public Building?**	No

Owner

WESTERN REALTY
2760 E. SPRING 200
LONG BEACH
3103900098

Contractor

WESTERN ROOFING
15162 YORKSHIRE LN
HUNTINGTON BEACH CA 926470000
0008934377

Project Description: T/O EXISTING ROOF INSTALL BUILT UP MOP ROOF 35 SQS

Occ. Group	Construction Type	Occupancy Load

Permit Fees:

Inspection:	$86.00	**Park & Rec:**	$0.00	**Microfilm:**	$0.00
Building Plan Review:	$0.00	**Library:**	$0.00	**Penalty:**	$0.00
Planning Plan Review:	$0.00	**Traffic Impact:**	$0.00	**Extension:**	$0.00
Processing:	$20.00	**Dev Impact Fees:**	$0.00	**C/O:**	$0.00
SMIP:	$0.00	**Demolition:**	$0.00	**Permit Total:**	$106.50
				Outstanding Amount:	$0.00

Permit Details

Building	Related Items	Unit Type	Quantity	Permit Fees: Inspection	Plan Review
				$86.00	

10115
ADAMS AVE.

WORKERS' COMPENSATION DECLARATION

I hereby affirm under penalty of perjury one of the following declarations:
[ ] I have and will maintain a certificate of consent to self-insure for workers' compensation as provided for by Section3700 of the Labor Code, for the performance of the work for which this permit is issued.
[ ] I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation policy information is: Carrier: _____ Policy Number: _____ Expires:
Agent:_____ Phone (310) 390-0098
[ ] I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, anc agree that if I should become subject to the workers' compensation provision of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

WARNING: FAILURE TO SECURE WORKERS COMPENSATION COVERAGE IS UNLAWFUL AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS ($100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3700 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect. License No.: 386752 License Class: C39 HIC
Contractor's Signature:_____ Date:_____
IF WORK IS NOT COMMENCED 180 DAYS FROM DATE OF ISSUE OF THIS PERMIT, OR IF THE WORK IS ABANDONED FOR MORE THAN 180 DAYS, THIS PERMIT SHALL BE SUBJECT TO EXPIRATION.

OWNER-BUILDER DECLARATION (Declaration Form Attached)

CONSTRUCTION LENDING AGENCY

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C).
Lender:_____ Address:_____

DECLARATION BY CONSTRUCTION PERMIT APPLICANT

By my signature below, I certify to each of the following: I am
[ ] A California licensed contractor; or
[ ] The property owner*; or
[ ] Authorized to act on the property owner's behalf
I certify that I have read this construction application and that the information I have provided is correct. I agree to comply with all City and County ordinaces and State Laws relating to building construction. I authorize representatives of this City or County to enter upon the above-identified property for inspection purposes.
California Licensed Contractor, Property Owner* or Authorized Agent**

Signature: _____ Date:_____
*Requires separate verification form
**Requires separate authorization form

CITY OF HUNTINGTON BEACH

NO. 095040

2000 MAIN ST.
HUNTINGTON BEACH, CA 92648

DEPARTMENT OF
COMMUNITY DEVELOPMENT
P.O. BOX 190 - CALIFORNIA 92648
(714) 536-5241

ALL INSPECTION REQUESTS MUST BE RECEIVED BY 4:00 P.M.
FOR THE FOLLOWING DAY'S INSPECTION.

B U I L D I N G P E R M I T

Permit Number: B-048959 PC # RF 437
Bldg. Address: 10115 ADAMS AV Tract: NA Lot: NA Block: NA
EXIST. BLDG. Building Use: NA

Owner:
WESTERN REALTY
2760 E. SPRING 200
LONG BEACH 90806
Ph. (310)390-0098

EXPIRED

Contractor:
WESTERN ROOFING
[illegible] RONALD RD #A
HUNTINGTON BEACH CA 92647
Ph. 893-4377 Classes: C39
St.No. 386752 City Lic. A080292

Designer:
NA

Date: 11/4/96

By: C.P.

Remarks: T/O EXISTING ROOF INSTALL ~~BUILT UP MOP~~ ROOF 35 SQS

Sq.Ft. Res/Com:
Garage : No. Stories: Valuation: 5300
Misc. : No. Families: Bldg. Code: REPAIR
Desc.:
Occ. Group: Occ. Load: Zone:
Public Building? NO Constr. Type: V-N
Consus Code: 999 Bldg. Use: SFD Park. Spaces:
Entitlement(s): 00 00 Coastal Permit? NO
Application: 04/03/96 Plancheck:
Authorized: Building: 04/03/96 SDS Planning: 04/03/96 SDS
Fire Dept.: Public Works:
Processed: 04/03/96 SDS #B-048959 Issued: 04/03/96 SDS

PERMIT FEES

DESCRIPTION	AMOUNT	ACCOUNT	DESCRIPTION	AMOUNT	ACCOUNT
INSPECTION	86.00	RAACD23430600	ISSUANCE	20.00	RAACD23430600
PLANCHECK	0.00	RAACD23470500	PENALTY	0.00	RAACD23483000
LIBRARY	0.00	RAACD23471100	PARKS & REC.	0.00	RSKCD23435500
CONSERVATION	0.50	GAA 00020116	P/PLANCHECK	0.00	RAACD23133800
		TOTAL FEE	106.50		

INITIALS DATE
FINAL INSPECTION: _____ _____

Processed: 04/03/96 SDS #B-048959 Issued: 04/03/96 SDS

L#12082

WORKERS' COMPENSATION DECLARATION

I hereby affirm under penalty of perjury one of the following declarations:
☐ I have and will maintain a certificate of consent to self-insure for workers' compensation, as provided for by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued.
☐ I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation insurance carrier and policy number are:
Carrier _____
Policy Number _____
(This section need not be completed if the permit is for one hundred dollars ($100) or less.
☐ I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that, if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

Date: 4-3-96 Applicant: [signature]

WARNING: FAILURE TO SECURE WORKERS' COMPENSATION COVERAGE IS UNLAWFUL, AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS ($100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.

THIS BOX FOR REGISTER VALIDATION ONLY

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm under penalty of perjury that I am licensed under provision of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.
License No. _____ License Class _____
Contractor [signature] Date 4-3-96
☐ I am exempt from the licensing as I am a licensed architect or a registered professional engineer acting in my professional capacity (Section 7051, Business and Professions Code).
Lic. or Reg. No. _____ Date _____

If work is not commenced 180 days from date of issue of this permit, or if work is abandoned for more than 180 days, this permit shall be null and void.

OWNER-BUILDER DECLARATION

I hereby affirm under penalty of perjury that I am exempt from Contractor's License Law for the following reason (Section 7031.5, Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractor's License Law (Chapter 9) [commencing with Section 7000] of Division 3 of the Business and Professions Code) or that he or she is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500).):
☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale. (Sec. 7044, Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or herself or through his or her own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner/builder will have the burden of proving that he or she did not build or improve for the purpose of sale.)
☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).
☐ I am exempt under Sec. _____,
B.&P.C. for this reason _____
Date _____ Owner _____

CONSTRUCTION LENDING AGENCY

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C).
Lender's Name _____
Lender's Address _____

CERTIFICATE OF EXEMPTION FROM WORKERS' COMPENSATION INSURANCE

(THIS SECTION NEED NOT BE COMPLETED IF PERMIT IS FOR ONE HUNDRED DOLLARS ($100) OR LESS)
Date _____ Applicant _____
NOTICE TO APPLICANT: If after making this Certificate of Exemption, you should become subject to the Workers' Compensation provisions of the Labor Code, you must forthwith comply with such provisions; or this permit shall be deemed revoked.

I certify that I have read this application and state that the above information is correct. I agree to comply with all city and county ordinances and State laws relating to building construction, and hereby authorize representatives of this county to enter upon the above-mentioned property for inspection purposes.

[signature] 4-3-96
Signature of Applicant or Agent Date

NO. 095040

FORM 140-Rev. 2/95

WHITE COPY - INSPECTOR, BLUE COPY - COUNTY, CANARY COPY - OFFICE, GREEN COPY - APPLICANT, PINK COPY - TREASURER

BUILDING PERMIT

DEPARTMENT OF BUILDING — CITY OF HUNTINGTON BEACH

NOTICE

No framing inspection will be made until the job has progressed in a satisfactory manner. All City Ordinances, requirements, and imposed conditions shall be complied with prior to final inspection. A Certificate of Occupancy will be issued only when all such conditions have been met.

Use Zone

Zoning Approved By [illegible] Date 7-13-70

Group Type Plan Ck.

Remarks: * SW 1/2 OF SEC 5 T 6S R 11W LA RANCHO LAS BOLSAS

FEES

Building Permit $ 10.00	
Plan Check $	Paid Misc. Rec. No.
Permit Prepared by Bb	
Permit Authorized by DCV	Date 7-13-70

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regulating building construction.

I hereby certify that I am properly registered with and/or licensed as required by the City of Huntington Beach and/or State of California, or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued I shall not employ any person in violation of the workmen's compensation laws of the State of California.

Signature of Permittee [signature] Date 7-13-70

For Applicant to fill in

Job No. 68499

Address 10115 Adams

Lot No. — Tract No. Blk. No.

Please Attach Metes & Bounds (2 Copies)

Owner Western Shopping Center

Owner's Address 533 S. Fremont Ave.

Description of Work Wall Sign

Use of Building Doors & Service

Area of Building — Valuation $ 1,000

Contractor Pub Sign Mfg Co

Address 1441 N. Gaffey St

State Lic. No. 547-3326 — San Pedro

INSPECTION RECORD

APPROVAL	DATE	INSPECTOR
Foundation and Location		
Reinforcing		
Roof Shtg.		
Rough Frame		
Lath or Drywall		
Plas. Brown Ct.		
Final	8-18-70	Bendlin
Utility Release		

VALIDATION BY CASHIER

Plan Check

Bldg. Pt. 10.00 CV

Routing: (1) Bldg. Inspector (2) Office File (3) Statistics (4) Records (5) Owner

1

BUILDING PERMIT

DEPARTMENT OF BUILDING — CITY OF HUNTINGTON BEACH

ZONING AND BUILDING

Use Zone

	Main Use	Acc. Use

Set Back - C/L ST — C/L ST

Side Yard Rt — Projection

Side Yard Lt — Projection

Rear Yard — No Parking Sp. Reqd.

Zoning Approved By — Date

Group — Type — Plan Ck.

Remarks: Plan discarded

FEES

Building Permit $ 27.00 — Rec. 32[illegible] Oct 6 66

Plan Check $ — Paid 13.5 Misc. Rec. No.

Permit Prepared by Bu

Permit Authorized by OCW — Date 6/23/66

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regulating building construction.

I hereby certify that I am properly registered with and/or licensed as required by the City of Huntington Beach and/or State of California, or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued I shall not employ any person in violation of the workmen's compensation laws of the State of California.

Signature of Permittee B. H. Kelly — Date 6/23/66

For Applicant to Fill in — PC87

№ 42556

Job Address 10115 Adams Ave

Lot No. on File — Tract No. — Blk. No.

Please Attach Metes & Bounds (2 Copies)

Owner Lands & Bldgs Inc

Owner's Address 811 W 7th St LA 17

Description of Work Interior

Use of Building TV Repair

Area of Building 2300 — Valuation $ 7,425

Contractor C. K. J. Const

Address 811 W. 7th St

State Lic. No. LA 17

INSPECTION RECORD

APPROVAL	DATE	INSPECTOR
Foundation and Location		
Reinforcing		
Roof Shtg.		
Rough Frame	8-19-66	D. Jones for
Lath or Drywall	8-19-66	D. Jones for
Plas. Brown Ct.		
Final	10-3-66	D Jones/BI
Utility Release		

VALIDATION BY CASHIER

Plan Check

Bldg Pt. $ 27.00 — Bas

Routing: No. 1 Bldg. Inspector — No. 2 Office File — No. 3 Statistics — No. 4 Owner

1

BUILDING PERMIT

DEPARTMENT OF BUILDING — CITY OF HUNTINGTON BEACH

ZONING AND BUILDING

Use Zone

	Main Use	Acc. Use

Set Back - C/L ST — C/L ST

Side Yard Rt — Projection

Side Yard Lt — Projection

Rear Yard — No Parking Sp. Reqd.

Zoning Approved By — Date

Group — Type — Plan Ck.

Remarks:

FEES

Building Permit	$ 10.00	
Plan Check	$ 5.00	Paid Misc. Rec. No.

Permit Prepared by: BM

Permit Authorized by: DCC — Date 10-3-66

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regulating building construction.

I hereby certify that I am properly registered with and/or licensed as required by the City of Huntington Beach and/or State of California, or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued I shall not employ any person in violation of the workmen's compensation laws of the State of California.

Signature of Permittee: Lowell Brown for Excell-Ad — Date 10-3-66

For Applicant to Fill in

No. 44501

Job Address: 10115 ADAMS

Lot No. — Tract No. — Blk. No.

Please Attach Metes & Bounds (2 Copies)

Owner: Tuni Petroff DBA Plaza RCA Center

Owner's Address:

Description of Work: WALL Sign

Use of Building: TV Center

Area of Building — Valuation $ 1,000

Contractor: Excell-Ad Electric Sign

Address: 2312 So Susan

State Lic. No. — S.A

INSPECTION RECORD

APPROVAL	DATE	INSPECTOR
Foundation and Location		
Reinforcing		
Roof Shtg.		
Rough Frame		
Lath or Drywall		
Plas. Brown Ct.		
Final		
Utility Release		

VALIDATION BY CASHIER

Plan Check

Bldg Pt. $15.00 Rec.

Routing: No. 1 Bldg. Inspector — No. 2 Office File — No. 3 Statistics — No. 4 Owner

1

BUILDING PERMIT

DEPARTMENT OF BUILDING — CITY OF HUNTINGTON BEACH

ZONING AND BUILDING

Use Zone

	Main Use	Acc. Use

Set Back - C/L ST — C/L ST

Side Yard Rt — Projection

Side Yard Lt — Projection

Rear Yard — No Parking Sp. Reqd.

Zoning Approved By — Date

Group — Type — Plan Ck.

Remarks:

FEES

Building Permit $ 10.00

Plan Check $ 5.00 — Paid Misc. Rec. No.

Permit Prepared by Bno

Permit Authorized by OLC — Date 7-22-65

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regulating building construction.

I hereby certify that I am properly registered with and/or licensed as required by the City of Huntington Beach and/or State of California, or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued I shall not employ any person in violation of the workmen's compensation laws of the State of California.

Heath & Co.

Signature of Permittee [illegible] Date 7-22-65

For Applicant to Fill in

№ 35425

Job 40117

Address [redacted] N. Adams

Lot No. — Tract No. — Blk No.

Please Attach Metes & Bounds (2 Copies)

Owner Magic Mirror

Owner's Address 600 S. Vincente, LA.

Description of Work Bldg Sign

Use of Building Comm.

Area of Building — Valuation $ 500

Contractor Heath & Co Inc.

Address 2225 Lacy St

State Lic. No. — L.A

INSPECTION RECORD

APPROVAL	DATE	INSPECTOR
Foundation and Location		
Reinforcing		
Roof Sheg.		
Rough Frame		
Lath or Drywall		
Plas. Brown Ct.		
Final		
Utility Release		

VALIDATION BY CASHIER

Plan Check

Bldg. Pt. $15.00 Bas

Routing: No. 1 Bldg. Inspector — No. 2 Office File — No. 3 Statistics — No. 4 Owner

BUILDING PERMIT

DEPARTMENT OF BUILDING — CITY OF HUNTINGTON BEACH

For Applicant to fill in

No. 34948

Job ADAMS

Address 10117 [redacted]

Lot No. | Tract No. | Blk No.

Please Attach Metes & Bounds (2 Copies)

Owner Mary Miller Beauty Salons

Owner's Address 600 So San Vicente Blvd LA.

Description of Work Interior

Use of Building Beauty Parlor

Area of Building | Valuation $ 500

Contractor Owner

Address

State Lic. No.

ZONING AND BUILDING

Use Zone

	Main Use	Acc. Use.

Set Back - C/L ST | C/L ST

Side Yard Rt | Projection

Side Yard Lt | Projection

Rear Yard | No Parking Sp. Reqd.

Zoning Approved By | Date

Group | Type | Plan Ck.

Remarks:

FEES

Building Permit $ 5.00

Plan Check $ | Paid Misc. Rec. No.

Permit Prepared by Bu

Permit Authorized by OCC | Date 6/24/68

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regulating building construction.

I hereby certify that I am properly registered with and/or licensed as required by the City of Huntington Beach and/or State of California, or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued I shall not employ any person in violation of the workmen's compensation laws of the State of California.

Signature of Permittee [signature] Date 6/24/68

INSPECTION RECORD

APPROVAL	DATE	INSPECTOR
Foundation and Location		
Reinforcing		
Roof Shtg.		
Rough Frame		
Lath or Drywall		
Plas. Brown Ct.		
Final		
Utility Release		

VALIDATION BY CASHIER

Plan Check $ 5.00

Bldg. Pt.

Bal

Routing: No. 1 Bldg. Inspector No. 2 Office File No. 3 Statistics No. 4 Owner

1

ELECTRIC PERMIT

DEPARTMENT OF BUILDING — CITY OF HUNTINGTON BEACH

For Applicant to Fill in (Use Ink) No. 21937

	FEES
RESIDENTIAL (SINGLE OR MULTI-FAMILY - NEW) AREA IN SQUARE FEET	
GARAGES NEW (RESIDENTIAL OR MULTI-FAMILY USE) AREA IN SQUARE FEET	
COOKING APPLIANCES - NO. OF WATTAGE EACH	
HEATING APPLIANCES - NO. OF WATTAGE EACH	
HOME APPLIANCES - NAME EACH	
FIXTURES - NO. OF	
OUTLETS - NO. OF	
SIGNS & HP GAS TUBE LIGHTING	
POLES (PERMANENT) (CONSTRUCTION	1
TEMPORARY SERVICE	
GENERATORS - NO. OF KW. EACH	
TRANSFORMERS - NO. OF KW. EACH	
MOTORS - NO. OF LIST UNDER MISCELLANEOUS	
MISCELLANEOUS AND LIST OF MOTORS	
1 Sign & ball	2.00
1 add ball	1.00
hook up	1.00
NUMBER OF SERVICES (IF UNITS TO BE SEPARATELY METERED - LIST AS NUMBER OF SERVICES)	
Issuance of Ea. Permit	1.00
TOTAL FEE	$5.00
Received by	
Permit Authorized by — Date	

Job Address: 10117 W Adams — Building Permit No.

Lot No. — Tract No. — Block No.

Owner: Magic Mirror

Owner's Address:

Electrical Contractor: Heath & Co

Address: 3225 Lacy St. L.A.

Phone — State License No.

City Reg.

Purpose of Building: Bldg Sign

New Bldg. ☐ Old Bldg. ☐

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regulating electrical wiring.

I hereby certify that I am properly registered with and/or licensed as required by the City of Huntington Beach and/or State of California, or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued I shall not employ any person in violation of the workmen's compensation laws of the State of California.

Signature of Permittee: [illegible] Date: 7-22-6[illegible]

Address: 3225 Lacy St. LA Cal.

VALIDATION BY CASHIER

Fee $5.00

INSPECTION RECORD

APPROVALS	DATE	INSPECTOR
Conduit		
Wiring		
Fixtures		
Power		
Final		
Util. Co. Notified		
Other		

Routing: No. 1 Electrical Inspector No. 2 Office File No. 3 Owner

1

10121
ADAMS AVE.

A 61938

BUILDING PERMIT

Applicant to fill in area within heavy lines only.

CITY OF HUNTINGTON BEACH
DEPARTMENT OF
DEVELOPMENT SERVICES
P.O. BOX 190 · CALIFORNIA 92648
(714) 536-5241

BUILDING ADDRESS	10121 ADAMS AVE.
Lot No. / Tract No. / Block No	
Owner	BANK OF AMERICA
Address	10121 ADAMS AVE.
Tel. No.	
City / State / Zip	HUNTINGTON BEACH, CA.
Contractor	W. HEATH & CO.
Tel. No.	213-223-2141
Address	3225 LACY ST.
State Lic. No.	41435
City	L.A., CA. 90031
City Lic. No.	A008214
Architect or Engineer	SAME AS CONTRACTOR
Tel. No.	
Address	
Lic. No.	
City / State / Zip	
Sq. Ft. Living	
No. of Stories	
No. of Families	
Sq. Ft. Garage	
Description of Work	SIGNAGE: REFACE 8'x15' CABINET-EXIST (6) -4'x4'6" Lexan, (1) 1'x11' LTRS
Use of Building	BANK BLDG
Valuation (Including Labor & Mat.)	3500.00

Check One: NEW ☐ ADD ☐ ALTER ☒ REPAIR ☐ DEMOL. ☐ RELOCATE ☐

I have read this application and agree to comply with all local and state laws applicable to building construction.
☒ 1. I am validly registered and licensed as required by the City of Huntington Beach and the State of California, or
☐ 2. I am the legal owner of the above described property.
I have filed with the City of Huntington Beach:
☐ 1. A certificate of consent to self-insure issued by the Director of Industrial Relations, or
☒ 2. A certificate of workers' compensation insurance issued by an admitted insurer, or
☐ 3. An exact copy or duplicate thereof certified by the Director or the insurer, or
☐ 4. I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers compensation laws of the State of California.
I certify (or declare) under penalty of perjury that the foregoing is true and correct, and this declaration was executed on the 07 day of 20, 19 at Huntington Beach, California.

Perm. Tee

If work is not commenced 180 days from date of issue of this permit, or if work is abandoned for more than 180 days, this permit shall be null and void.

Building Address	10121 ADAMS AVE.
Plan Check No.	#6193
Occupancy Grp / Div	
Type of Construction	
Occ. Load	
Use Zone	C2
Use	COMM'L.
Parking Spaces Required	
Planning Action	
Coastal Permit Zone	☐ Yes ☒ No
Land Use Approved By	Date 11-7-85
Parking Authorized By	Date 11-7-85
Permit Issued By	Date 11-7-85
Receipt No.	208379
FEES: Permit	$ 44.50
Plan Check	$ 29.00
Conservation	$ .50
TOTAL	$ 74.00
Community Enrichment Library Fee: Sq. Ft.	Fee $
Remarks:	160 ft total.

pd. pl. ck. fee on rec #208118 10/28/85

Inspection Record

Approval	Date	Inspector
Foundation and Location		
Floor Slabs		
Sheathing		
Framing		
Lath or Drywall		
Brown Coat		
Parking		
Landscaping		
Land Use Conditions		
Final		
Utility Release		

EXPIRED
061995
Date:
By: J. Lawrence

1

INSPECTION

A 62119

BUILDING PERMIT

Applicant to fill in area within heavy lines only.

CITY OF HUNTINGTON BEACH
DEPARTMENT OF
DEVELOPMENT SERVICES
P.O. BOX 190 - CALIFORNIA 92648
(714) 536-5241

BUILDING ADDRESS: 10121 ADAMS AVE	
Lot No. / Tract No. / Block No.	
Owner: BANK OF AMERICA	
Address: 10121 ADAMS AVE. / Tel. No.	
City: HUNTINGTON BEACH, CA / State / Zip	
Contractor: W. HEATH & CO. / Tel. No. 213-223-4441	
Address: 3225 LACY ST / State Lic. No. 441435	
City: L.A. CA. 90031 / City Lic. No. 0082044	
Architect or Engineer: J. HMEK / Tel. No. 213-223-4141	
Address: SAME AS CONTRACTOR / Lic. No.	
City / State / Zip	
Sq. Ft. Living / No. of Stories / No. of Families	Check One
Sq. Ft. Garage / Description of Work	NEW ☐
REMOVE EXISTING	ADD ☐
ROOF SIGN	ALTER ☐
Use of Building: BANK BUILDING	REPAIR ☐
Valuation (Including Labor & Mat.) ~~350~~ 00	DEMOL. ☒
	RELOCATE ☐

I have read this application and agree to comply with all local and state laws applicable to building construction.

☒ 1. I am validly registered and licensed as required by the City of Huntington Beach and the State of California, or
☐ 2. I am the legal owner of the above described property

I have filed with the City of Huntington Beach:
☐ 1. A certificate of consent to self-insure issued by the Director of Industrial Relations, or
☒ 2. A certificate of workers' compensation insurance issued by an admitted insurer, or
☐ 3. An exact copy or duplicate thereof certified by the Director or the insurer, or
☐ 4. I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers compensation laws of the State of California.

I certify (or declare) under penalty of perjury that the foregoing is true and correct, and this declaration was executed on the 7 day of NOV, 1985 at Huntington Beach, California.

Permittee

If work is not commenced 180 days from date of issue of this permit or if work is abandoned for more than 180 days, this permit shall be null and void.

Building Address: 10121 ADAMS AVE.			Plan Check No. 17,043
Occupancy Grp / Div	Type of Construction		Occ. Load
Use Zone: C2	Use: COMM'L.		Parking Spaces Required
Planning Action			Coastal Permit Zone ☐ Yes ☐ No
Land Use Approved By: JA	Date 11/7/85		FEES. Permit $ 10.00
Permit Authorized By:	Date		Plan Check $ 6.50
Permit Issued By:	Date 11-7-85		Conservation $
Receipt No. 20 8379			TOTAL $ 16.50
Community Enrichment Library Fee: Sq. Ft.	Fee $		
Remarks:			

Inspection Record

Approval	Date	Inspector
Foundation and Location		
Floor Slabs		
Sheathing		
Framing		
Lath or Drywall		
Brown Coat		
Parking		
Landscaping		
Land Use Conditions		
Final		
Utility Release		

EXPIRED
061995
Date:
By: J. Lawrence

1

INSPECTION

A 54639

BUILDING PERMIT

Applicant to fill in area within heavy lines only.

CITY OF HUNTINGTON BEACH
DEPARTMENT OF
DEVELOPMENT SERVICES
P.O. BOX 190 - CALIFORNIA 92648
(714) 536-5241

BUILDING ADDRESS 1012 ADAMS

Lot No.	Tract No.	Block No.	
Owner: Bank of America			
Address: 1130 So. Figueroa		Tel. No.	
City: LA	State	Zip: 90015	
Contractor: KB Const		Tel. No. 687-1668	
Address: 210 No. Jefferson		State Lic. No. 377419	
City: Anaheim 92807		City Lic. No. 4180004	
Architect or Engineer: Vah Assoc		Tel. No. 632-9262	
Address: 1210 No. Jefferson		Lic. No.	
City: Anaheim	State	Zip: 92807	
Sq. Ft. Living	No. of Stories	No. of Families	
Sq. Ft. Garage	Description of Work: Installation of automatic teller machine.		
Use of Building: Bank			
Valuation (Including Labor & Mat.): 5000.			

Check One: NEW ☐ ADD ☒ ALTER ☐ REPAIR ☐ DEMOL. ☐ RELOCATE ☐

Building Address: 1012 ADAMS.			Plan Check No. 121915
Occupancy: Grp	Div	Type of Construction	Occ. Load
Use Zone: C-2	Use: COMML	Parking Spaces Required: —	
Planning Action		Coastal Permit Zone ☐ Yes ☒ No	
Land Use Approval By JA Date 5/9/84		FEES: Permit $ 50.50	
Permit Authorized By [illegible] Date 5-9-84		Plan Check $ 33.00	
Permit Issued By [illegible] Date 5-9-84		Conservation $ .50	
Receipt No. 195118		TOTAL $ 84.00	
Community Enrichment			
Library Fee: Sq. Ft. ____ Fee $ ____			
Remarks:			

Inspection Record

Approval	Date	Inspector
Foundation and Location		
Floor Slabs		
Sheathing		
Framing	6/21/84	Anderson
Lath or Drywall	8-13-84	Paul
Brown Coat		
Parking		
Landscaping		
Land Use Conditions		
Final	8-29-84	Paul
Utility Release		

I have read this application and agree to comply with all local and state laws applicable to building construction.
☐ 1. I am validly registered and licensed as required by the City of Huntington Beach and the State of California, or
☐ 2. I am the legal owner of the above described property.
I have filed with the City of Huntington Beach:
☐ 1. A certificate of consent to self-insure issued by the Director of Industrial Relations, or
☒ 2. A certificate of workers' compensation insurance issued by an admitted insurer, or
☐ 3. An exact copy or duplicate thereof certified by the Director of the insurer, or
☐ 4. I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers compensation laws of the State of California.
I certify (or declare) under penalty of perjury that the foregoing is true and correct, and this declaration was executed on the ____ day of 5/9/84, 19__ at Huntington Beach, California.

Amanda Nun
Permittee

If work is not commenced 180 days from date of issue of this permit, or if work is abandoned for more than 180 days, this permit shall be null and void.

INSPECTION 1

BUILDING PERMIT

A 43770

CITY OF HUNTINGTON BEACH
DEPARTMENT OF
DEVELOPMENT SERVICES
P.O. BOX 190 · CALIFORNIA 92648
(714) 536-5241

Applicant to fill in area withi heavy lines only.

BUILDING ADDRESS: 10121 ADAMS AVE

Lot N.: | Tract No.: | Block No.:

Owner: BANK OF AMERICA

Address: 1130 S. FIGUEROA ST. | Tel. No.: 213 683-2352

City: LOS ANGELES | State: CA. | Zip: 90015

Contractor: CHARLES LICHA | Tel. No.: 818 3733083

Address: 17725 RHODA | State Lic. No.:

City: ENCINO | City Lic. No.: 23887

Architect or Engineer: ROBLA SCHUMACHER & ASSOC. | Tel. No.: 213 393 8297

Address: 522 WILSHIRE BLVD | Lic. No.: C 9297

City: SANTA MONICA | State: CA | Zip: 90401

Sq. Ft. Living | No. of Stories | No. of Families

Sq. Ft. Garage | Description of Work: railing + automatic teller

Use of Building: BANKING

Valuation (Including Labor & Mat.): 4000.-

Check One: NEW ☐ ADD ☐ ALTER ☒ REPAIR ☐ DEMOL. ☐ RELOCATE ☐

I have read this application and agree to comply with all local and state laws applicable to building construction.

☒ 1. I am validly registered and licensed as required by the City of Huntington Beach and the State of California, or

☐ 2. I am the legal owner of the above described property.

I have filed with the City of Huntington Beach:

☐ 1. A certificate of consent to self-insure issued by the Director of Industrial Relations, or

☒ 2. A certificate of workers' compensation insurance issued by an admitted insurer, or

☐ 3. An exact copy or duplicate thereof certified by the Director or the insurer, or

☐ 4. I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers compensation laws of the State of California.

I certify (or declare) under penalty of perjury that the foregoing is true and correct, and this declaration was executed on the 11 day of Nov 10 at Huntington Beach, California.

Edward [illegible]
FOR Charles Licha
Permittee

If work is not commenced 180 days from date of issue of this permit, or if work is abandoned for more than 180 days, this permit shall be null and void.

Building Address: 10121 ADAMS AVE | Plan Check No.: 11207

Occupancy Grp | Div | Type of Construction | Occ. Load

Use Zone: C-2 | Use: Comm | Parking Spaces Required

Planning Action | Coastal Permit Zone ☐ Yes ☐ No

Land Use Approval By [illegible] Date 10/13/81 | FEES: Permit $44.50

Permit Authorized By [illegible] Date 10/16/81 | Plan Check $29.00

Permit Issued By B Date 11-3-82 | Conservation $ .50

Receipt No. 179191 | TOTAL $

Community Enrichment
Library Fee: Sq. Ft. _____ Fee $ _____

Remarks: PL CK. pd. 10-7-81 #17605.3

Inspection Record

Approval	Date	Inspector
Foundation and Location		
Floor Slabs		
Sheathing		
Framing		
Lath or Drywall		
Brown Coat		
Parking		
Landscaping		
Land Use Conditions		
Final	2-17-82	Fault
Utility Release		

INSPECTOR

1

BUILDING PERMIT

DEPARTMENT OF BUILDING — CITY OF HUNTINGTON BEACH

NOTICE

No framing inspection will be made until the job has progressed in a satisfactory manner. All City Ordinances, requirements, and imposed conditions shall be complied with prior to final inspection. A Certificate of Occupancy will be issued only when all such conditions have been met.

Use Zone

Zoning Approved By Ocg Date 9-27-72

Group Type Plan Ck. 1519

Remarks: * See attached

FEES

Building Permit	$ 129.00		64.50
Plan Check	$	Paid	8-25-72
		Misc. Rec. No.	~~1982~~
Permit Prepared by	Srb		
Permit Authorized by	RJ	Date	9-14-72

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regulating building construction.

I hereby certify that I am properly registered with and/or licensed as required by the City of Huntington Beach and/or State of California, or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued I shall not employ any person in violation of the workmen's compensation laws of the State of California.

Signature of Permitee [signature] Date 10-6-72

For Applicant to fill in

Job No. 81374

Address 10121 Adams Street

Lot No. * Tract No. Blk. No.

Please Attach Metes & Bounds (2 Copies)

Owner Continental Service Company

Owner's Address 1335 S. Grand, L.A.

Description of Work Addition

Use of Building Bank

Area of Building 1350 sq. ft. Valuation $ 40,500

Contractor C.B.S. Constr.

Address 1055 4th St. S.A.

State Lic. No. - 547-0751

INSPECTION RECORD

APPROVAL	DATE	INSPECTOR
Foundation and Location	10-30-72	[illegible]
Reinforcing		
Roof Shtg.	11-27-72	[illegible]
Rough Frame	11-[illegible]-72	[illegible]
Lath or Drywall	11-20-72 / 12-13-72	[illegible]
Plas. Brown Ct.		
Final	12-5-74	[illegible]
Utility Release		

VALIDATION BY CASHIER

Plan Check

Bldg. Pt. 129.00

2.84 conservation fee

Routing: (1) Bldg. Inspector (2) Office File (3) Statistics (4) Records (5) Owner

1 Corm

BUILDING PERMIT

DEPARTMENT OF BUILDING — CITY OF HUNTINGTON BEACH

NOTICE

No framing inspection will be made until the job has progressed in a satisfactory manner. All City Ordinances, requirements, and imposed conditions shall be complied with prior to final inspection. A Certificate of Occupancy will be issued only when all such conditions have been met.

Use Zone

Zoning Approved By Date

Group Type Plan Ck.

Remarks: * Por SW¼, Sec 5 T.WS, 6S Range 10W Rancho Las Bolsas

FEES

Building Permit	$ 29	
Plan Check	$ 14.50	Paid Misc. Rec. No.
Permit Prepared by		
Permit Authorized by		Date 5/ /70

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regulating building construction.

I hereby certify that I am properly registered with and/or licensed as required by the City of Huntington Beach and/or State of California, or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued I shall not employ any person in violation of the workmen's compensation laws of the State of California.

Signature of Permittee Richard L. Tom Date 5/6/70

For Applicant to fill in

Job No. 67585

Address 10121 Adams

Lot No. * Tract No. Blk. No.

Please Attach Metes & Bounds (2 Copies)

Owner Bank of America

Owner's Address 1335 S. Grand - LA.

Description of Work Canopy - walk sprinkled

Use of Building Bank

Area of Building

Valuation $ 5,000

Contractor Dolly Builders

Address 20181 Orchid, Santa Ana

State Lic. No. B1-242-020 City A007410

INSPECTION RECORD

APPROVAL	DATE	INSPECTOR
Foundation and Location		
Reinforcing		
Roof Shtg.		
Rough Frame	6-10-70	Bentlin
Lath or Drywall	5-18-70	Bentlin
Plas. Brown. Ct.	6-11-70	Bentlin
Final	7-17-70	Bentlin
Utility Release		

VALIDATION BY CASHIER

Plan Check

Bldg. Pt. 43.50 Ck

Routing: (1) Bldg. Inspector (2) Office File (3) Statistics (4) Records (5) Owner

1

BUILDING PERMIT

DEPARTMENT OF BUILDING — CITY OF HUNTINGTON BEACH

ZONING AND BUILDING

Use Zone

	Main Use	Acc. Use.

Set Back - C/L ST — C/L ST

Side Yard Rt — Projection

Side Yard Lt — Projection

Rear Yard — No Parking Sp. Reqd.

Zoning Approved By — Date

Group — Type — Plan Ck.

Remarks:

FEES

Building Permit $ 10.00	
Plan Check $ 5.00	Paid Misc. Rec. No.
Permit Prepared by Bo	
Permit Authorized by Oc	Date 7-28-65

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regulating building construction.

I hereby certify that I am properly registered with and/or licensed as required by the City of Huntington Beach and/or State of California, or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued I shall not employ any person in violation of the workmen's compensation laws of the State of California.

Signature of Permittee O. F. Muller Date 7-28-65

For Applicant to Fill in — to app — № 35490

Job Address 10121 ADAMS AVE.

Lot No. — Tract No. — Blk No.

Please Attach Metes & Bounds (2 Copies)

Owner BANK OF AMERICA

Owner's Address ——

Description of Work Bldg Sign

Use of Building BANK

Area of Building — Valuation $ 1,500

Contractor NEON Products Signs

Address 9326 Klingerman St.

State Lic. No. — So EL MONTE

INSPECTION RECORD

APPROVAL	DATE	INSPECTOR
Foundation and Location		
Reinforcing		
Roof Stiffg.		
Rough Frame		
Lath or Drywall	Expired	
Plas. Brown Ct.		
Final		
Utility Release		

VALIDATION BY CASHIER

Plan Check $15.00 — Bo

Bldg. Pr.

Routing: No. 1 Bldg. Inspector — No. 2 Office File — No. 3 Statistics — No. 4 Owner

1

BUILDING PERMIT

DEPARTMENT OF BUILDING — CITY OF HUNTINGTON BEACH

ZONING AND BUILDING

Use Zone

	Main Use	Acc. Use.

Set Back - C/L ST — C/L ST

Side Yard Rt — Projection

Side Yard Lt — Projection

Rear Yard — No Parking Sp. Reqd.

Zoning Approved By — Date

Group — Type — Plan Ck.

Remarks:

FEES

Building Permit	$ 10.00	
Plan Check	$ 5.00	Paid Misc. Rec. No.

Permit Prepared by L S

Permit Authorized by O C C — Date 7/14/65

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regulating building construction.

I hereby certify that I am properly registered with and/or licensed as required by the City of Huntington Beach and/or State of California, or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued I shall not employ any person in violation of the workmen's compensation laws of the State of California.

Signature of Permittee: By Application — Date 7/14/65

For Applicant to Fill in

Nº 35239

Job

Address 10121 Adams

Lot No. — Tract No. — Blk No.

Please Attach Metes & Bounds (2 Copies)

Owner: Bank of America

Owner's Address: Same

Description of Work: Bldg Sign

Use of Building: Bank

Area of Building	Valuation $ 4,500
Contractor: Neon Products Signs Inc	
Address: 9726 Klingerman Ave, El Monte	
State Lic. No.	

INSPECTION RECORD

APPROVAL	DATE	INSPECTOR
Foundation and Location		
Reinforcing		
Roof Shtg.		
Rough Frame		
Lath or Drywall		
Plas. Brown Ct.		
Final		
Utility Release		

VALIDATION BY CASHIER

Plan Check

Bldg. Pt.

15.00

Paid check

Routing: No. 1 Bldg. Inspector — No. 2 Office File — No. 3 Statistics — No. 4 Owner

1

BUILDING PERMIT

DEPARTMENT OF BUILDING — CITY OF HUNTINGTON BEACH

ZONING AND BUILDING

Use Zone

	Main Use	Acc. Use.

Set Back - C/L ST — C/L ST

Side Yard Rt — Projection

Side Yard Lt — Projection

Rear Yard — No Parking Sp. Reqd.

Zoning Approved By — Date

Group — Type — Plan Ck.

Remarks:

FEES

Building Permit $ 10.00	
Plan Check $ 5.00	Paid Misc. Rec. No.
Permit Prepared by L S	
Permit Authorized by O C C	Date 7/14/65

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regulating building construction.

I hereby certify that I am properly registered with and/or licensed as required by the City of Huntington Beach and/or State of California, or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued I shall not employ any person in violation of the workmen's compensation laws of the State of California.

Signature of Permittee: By Application — Date 7/14/65

For Applicant to Fill in

№ 35240

Job Address 10121 Adams

Lot No. — Tract No. — Blk No.

Please Attach Metes & Bounds (2 Copies)

Owner: Bank of America

Owner's Address: Same

Description of Work: Bldg Sign

Use of Building: Bank

Area of Building — Valuation $ 4,500

Contractor: Neon Products Signs Inc

Address: 9726 Klingerman Ave., El Monte

State Lic. No.

INSPECTION RECORD

APPROVAL	DATE	INSPECTOR
Foundation and Location		
Reinforcing		
Roof Shtg.		
Rough Frame		
Lath or Drywall		
Plas. Brown Ct.		
Final		
Utility Release		

VALIDATION BY CASHIER

Plan Check

Bldg. Pt.

15.00

Paid check

Routing: No. 1 Bldg. Inspector — No. 2 Office File — No. 3 Statistics — No. 4 Owner

1

Plan discarded 7-25-68

155

BUILDING PERMIT

DEPARTMENT OF BUILDING — CITY OF HUNTINGTON BEACH

ZONING AND BUILDING

Use Zone

	Main Use	Acc. Use.

Set Back - C/L ST — C/L ST

Side Yard Rt — Projection

Side Yard Lt — Projection

Rear Yard — No Parking Sp. Reqd.

Zoning Approved By — Date

Group — Type — Plan Ck.

Remarks: S.W. 1/2 of Sec 5 T 65 R 10 W Rancho Las Bolsa

FEES

Building Permit $ 173.50 — #7893 11-4-64

Plan Check $ — Paid Misc. Rec. No.

Permit Prepared by Bau

Permit Authorized by OK — Date 12-14-64

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regulating building construction.

I hereby certify that I am properly registered with and/or licensed as required by the City of Huntington Beach and/or State of California, or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued I shall not employ any person in violation of the workmen's compensation laws of the State of California.

Signature of Permittee: CRS Construction, Byron H. Keeley — Date 12/14/64

For Applicant to Fill In

No. 30952

Job Address 10121 Adams

Lot No. — Tract No. — Blk No.

Please Attach Metes & Bounds (2 Copies)

Owner: Lands & Bldgs Inc

Owner's Address: 811 W 7th St. LA

Description of Work: New

Use of Building: Bank.

Area of Building: 7200 — Valuation $ 72,000

Contractor: K.F.S. Bldg Co

Address: 811 W. 7th St.

State Lic. No. — L.A.

INSPECTION RECORD

APPROVAL	DATE	INSPECTOR
Foundation and Location	12/21/64	[illegible]
Reinforcing	1-7-65	[illegible]
Roof Shtg.	3-12-65	[illegible]
Rough Frame	5-13-65	[illegible]
Lath or Drywall	5-19-65	[illegible]
Plas. Brown Ct.	5-24-65	[illegible]
Final		
Utility Release	9-15-65	[illegible]

VALIDATION BY CASHIER

Plan Check

Bldg. Pf. $173.50

PAID — City of H.B. — Bau — BY

Routing: No. 1 Bldg. Inspector — No. 2 Office File — No. 3 Statistics — No. 4 Owner

1

Plan discarded 7-25-68

155

BUILDING PERMIT

DEPARTMENT OF BUILDING — CITY OF HUNTINGTON BEACH

ZONING AND BUILDING

Use Zone

	Main Use	Acc. Use.

Set Back - C/L ST — C/L ST

Side Yard Rt — Projection

Side Yard Lt — Projection

Rear Yard — No Parking Sp. Reqd.

Zoning Approved By — Date

Group — Type — Plan Ck.

Remarks: S.W. 1/2 of Sec 5 T 6S R 11W Rancho Las Bolsas

FEES

Building Permit $ 173.50 — #7893 11-4-64

Plan Check $ — Paid Misc. Rec. No.

Permit Prepared by Bau

Permit Authorized by OK — Date 12-14-64

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regulating building construction.

I hereby certify that I am properly registered with and/or licensed as required by the City of Huntington Beach and/or State of California, or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued I shall not employ any person in violation of the workmen's compensation laws of the State of California.

Signature of Permittee: CRS Contractor, Byron H. Reeley — Date 12/14/64

For Applicant to Fill In

No. 30952

Job Address 10121 Adams

Lot No. — Tract No. — Blk No.

Please Attach Metes & Bounds (2 Copies)

Owner: Lands & Bldgs Inc

Owner's Address: 811 W. 7th St. LA

Description of Work: New

Use of Building: Bank

Area of Building: 7200 — Valuation $ 72,000

Contractor: K.F.S. Bldg Co

Address: 811 W. 7th St.

State Lic. No. — L.A.

INSPECTION RECORD

APPROVAL	DATE	INSPECTOR
Foundation and Location	12/21/64	Goodwin
Reinforcing	1-7-65	Goodwin
Roof Shtg.	3-18-65	Goodwin
Rough Frame	5-13-65	Goodwin
Lath or Drywall	5-19-65	Goodwin
Plas. Brown Ct.	5-24-65	Goodwin
Final		
Utility Release	9-15-65	Goodwin

VALIDATION BY CASHIER

Plan Check

Bldg. Pt. $173.50

Paid City of H.B. Bau

By

Routing: No. 1 Bldg. Inspector — No. 2 Office File — No. 3 Statistics — No. 4 Owner

CITY OF HUNTINGTON BEACH

DEPARTMENT OF BUILDING & SAFETY

2000 Main St., Huntington Beach, CA 92648

For Inspections Call: (714) 536-5241

Inspector:
Andino, Richard (714) 374-1693

BUILDING PERMIT

Permit Number:	B2012-006416	**Sprinklered?**	No	**Valuation:**	$68,000.00
Date Issued:	01/22/2013	**Zone:**	CG	**Coastal Permit?**	No
Building Address:	20001 Brookhurst St	**Block**	10	**No. Families:**	
Date Entered:	10/23/2012	**Tract:**	S0006	**No. Stories:**	
Building Use:	C-MISC	**Lot:**	7	**Public Building?**	No

Owner	Contractor	Architect
J.P. MORGAN CHASE BANK 24085 EL TORO RD 2ND FL LAGUNA HILLS CA 92653 9499511108	MOOREFIELD CONSTRUCTION INC 600 NORTH TUSTIN AVENUE #210 SANTA ANA CA 92705 7149720700	4675 MAC ARTHUR COURT #350 NEWPORT BEACH CA 92660 9498639434

Project Description: INSTL (5) NEW 25'H MAX LIGHT POLE STANDARDS; CONSTRUCT NEW 40 LF 9'H MAX TRASH ENCLOSURE WITH CANOPY & CONSTRUCT NEW FREE-STANDING CANOPY W/ ATM AT DRIVE-THRU****SEE ENGINEERING****

Occ. Group	Construction Type	Occupancy Load

Permit Fees:	**Inspection:**	$970.74	**Park & Rec:**	$0.00	**Microfilm:**	$27.56
	Building Plan Review:	$766.89	**Library:**	$0.00	**Penalty:**	$0.00
	Planning Plan Review:	$679.52	**Traffic Impact:**	$0.00	**Extension:**	$0.00
	Processing:	$31.20	**Dev Impact Fees:**	$0.00	**C/O:**	$0.00
	SMIP:	$17.28	**Demolition:**	$0.00	**Permit Total:**	$2,493.19
					Outstanding Amount:	$0.00

Permit Details

Building	Related Items	Unit Type	Quantity	Permit Fees: Inspection $970.74	Plan Review $303.08
	25'-0" LIGHT POLE		5		
	9'H MAX TRASH ENCLOSURE WITH CANOPY		40		
	CANOPY W/ DRIVE-THRU ATM		1		

2000 1
Brookhurst

WORKERS' COMPENSATION DECLARATION

I hereby affirm under penalty of perjury one of the following declarations:
[ ] I have and will maintain a certificate of consent to self-insure for workers' compensation as provided for by Section3700 of the Labor Code, for the performance of the work for which this permit is issued.
[ ] I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation policy information is: Carrier: TRAVELERS PROPERTY CASUALTY Policy Number: DTEUB8636P878TIL12 Expires: 03/31/2013
Agent:_____ Phone (949) 951-1108
[ ] I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that if I should become subject to the workers' compensation provision of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

WARNING: FAILURE TO SECURE WORKERS COMPENSATION COVERAGE IS UNLAWFUL AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS ($100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3700 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect. License No.: 397892 License Class: B1
Contractor's Signature:_____ Date:_____
IF WORK IS NOT COMMENCED 180 DAYS FROM DATE OF ISSUE OF THIS PERMIT, OR IF THE WORK IS ABANDONED FOR MORE THAN 180 DAYS, THIS PERMIT SHALL BE SUBJECT TO EXPIRATION.

OWNER-BUILDER DECLARATION (Declaration Form Attached)

CONSTRUCTION LENDING AGENCY

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C).
Lender:_____ Address:_____

DECLARATION BY CONSTRUCTION PERMIT APPLICANT

By my signature below, I certify to each of the following: I am
[ ] A California licensed contractor; or
[ ] The property owner*; or
[ ] Authorized to act on the property owner's behalf
I certify that I have read this construction application and that the information I have provided is correct. I agree to comply with all City and County ordinaces and State Laws relating to building construction. I authorize representatives of this City or County to enter upon the above-identified property for inspection purposes.
California Licensed Contractor, Property Owner* or Authorized Agent**

Signature: _____ Date:_____
*Requires separate verification form
**Requires separate authorization form

CITY OF HUNTINGTON BEACH

DEPARTMENT OF BUILDING & SAFETY

2000 Main St., Huntington Beach, CA 92648

For Inspections Call: (714) 536-5241

Inspector:

Andino, Richard (714) 374-1693

BUILDING PERMIT

Permit Number:	B2012-004635	**Sprinklered?**	No	**Valuation:**	$451,707.00
Date Issued:	01/22/2013	**Zone:**	CG	**Coastal Permit?**	No
Building Address:	20001 Brookhurst St	**Block**	10	**No. Families:**	
Date Entered:	08/02/2012	**Tract:**	S0006	**No. Stories:**	
Building Use:	CM	**Lot:**	7	**Public Building?**	No

Owner	Contractor	Architect
ADHURST LLC 3620 PCH TORRANCE CA 90505 3103732900	MOOREFIELD CONSTRUCTION INC 600 NORTH TUSTIN AVENUE #210 SANTA ANA CA 92705 7149720700	HUNTINGTON BEACH CA

Project Description: CONSTRUCT NEW 4335 SF BANK BLDG****INCLDS SHELL & INT.TI****CHASE BANK****COFO IN FILE****

Occ. Group	Construction Type	Occupancy Load

Permit Fees:						
	Inspection:	$3,592.08	**Park & Rec:**	$0.00	**Microfilm:**	$240.76
	Building Plan Review:	$3,097.74	**Library:**	$650.25	**Penalty:**	$0.00
	Planning Plan Review:	$3,350.12	**Traffic Impact:**	$0.00	**Extension:**	$0.00
	Processing:	$692.20	**Dev Impact Fees:**	$4,118.10	**C/O:**	$0.00
	SMIP:	$113.86	**Demolition:**	$0.00	**Permit Total:**	$18,144.91
					Outstanding Amount:	$0.00

Permit Details

Building	Related Items	Unit Type	Quantity	Permit Fees: Inspection	Plan Review
	Banks: Type V-B	SQFT	4335	$3,592.08	$2,837.74

WORKERS' COMPENSATION DECLARATION

I hereby affirm under penalty of perjury one of the following declarations:
[ ] I have and will maintain a certificate of consent to self-insure for workers' compensation as provided for by Section3700 of the Labor Code, for the performance of the work for which this permit is issued.
[ ] I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation policy information is: Carrier: TRAVELERS PROP. Policy Number: DTEUB8636P878TIL12 Expires:
Agent:_____ Phone (310) 373-2900
[ ] I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, anc agree that if I should become subject to the workers' compensation provision of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

WARNING: FAILURE TO SECURE WORKERS COMPENSATION COVERAGE IS UNLAWFUL AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS ($100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3700 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect. License No.: 397892 License Class: B1
Contractor's Signature:_____ Date:_____
IF WORK IS NOT COMMENCED 180 DAYS FROM DATE OF ISSUE OF THIS PERMIT, OR IF THE WORK IS ABANDONED FOR MORE THAN 180 DAYS, THIS PERMIT SHALL BE SUBJECT TO EXPIRATION.

OWNER-BUILDER DECLARATION (Declaration Form Attached)

CONSTRUCTION LENDING AGENCY

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C).
Lender:_____ Address:_____

DECLARATION BY CONSTRUCTION PERMIT APPLICANT

By my signature below, I certify to each of the following: I am
[ ] A California licensed contractor; or
[ ] The property owner*; or
[ ] Authorized to act on the property owner's behalf
I certify that I have read this construction application and that the information I have provided is correct. I agree to comply with all City and County ordinaces and State Laws relating to building construction. I authorize representatives of this City or County to enter upon the above-identified property for inspection purposes.
California Licensed Contractor, Property Owner* or Authorized Agent**

Signature: _____ Date:_____
*Requires separate verification form
**Requires separate authorization form

CITY OF HUNTINGTON BEACH

DEPARTMENT OF BUILDING & SAFETY
2000 Main St., Huntington Beach, CA 92648
For Inspections Call: (714) 536-5241

Inspector:
Andino, Richard (714) 374-1693

BUILDING PERMIT

Permit Number:	B2012-004342	**Sprinklered?**	No	**Valuation:**	$13,000.00
Date Issued:	08/22/2012	**Zone:**	CG	**Coastal Permit?**	No
Building Address:	20001 Brookhurst St	**Block**	10	**No. Families:**	
Date Entered:	07/18/2012	**Tract:**	S0006	**No. Stories:**	
Building Use:	C-MISC	**Lot:**	7	**Public Building?**	No

Owner	Contractor	
ADHURST 9471 IRVINE CENTER DR. #150 IRVINE CA 92618 9493545600	WAYNE PERRY CONSTRUCTION INC 8281 COMMONWEALTH BUENA PARK CA 90621-2525 7148260352	

Project Description: DEMO. GAS STATION AND 2 CANOPIES.2250 SQ FT. STRUCTURES ONLY. BLDG FOUNDATON TO REMAIN.

Occ. Group	Construction Type	Occupancy Load

Permit Fees:						
	Inspection:	$0.00	**Park & Rec:**	$0.00	**Microfilm:**	$1.56
	Building Plan Review:	$236.61	**Library:**	$0.00	**Penalty:**	$0.00
	Planning Plan Review:	$209.65	**Traffic Impact:**	$0.00	**Extension:**	$0.00
	Processing:	$31.20	**Sanitation:**	$0.00	**C/O:**	$0.00
	SMIP:	$3.73	**Demolition:**	$299.50	**Permit Total:**	$1,032.25
					Outstanding Amount:	$0.00

Permit Details

Building	Related Items	Unit Type	Quantity	Permit Fees: Inspection	Plan Review
	C / I Demolition	SQFT	2250	$299.50	$236.61

728653

WORKERS' COMPENSATION DECLARATION

I hereby affirm under penalty of perjury one of the following declarations:
[ ] I have and will maintain a certificate of consent to self-insure for workers' compensation as provided for by Section3700 of the Labor Code, for the performance of the work for which this permit is issued.
[ ] I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation policy information is: Carrier: FEDERAL INS CO Policy Number: 0044727227 Expires:
Agent: _____ Phone (714) 826-0352
[ ] I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that if I should become subject to the workers' compensation provision of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

WARNING: FAILURE TO SECURE WORKERS COMPENSATION COVERAGE IS UNLAWFUL AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS ($100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3700 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect. License No: 300345 License Class: B1
Contractor's Signature: _____ Date: 8-22-12
IF WORK IS NOT COMMENCED WITHIN 180 DAYS FROM DATE OF ISSUE OF THIS PERMIT, OR IF THE WORK IS ABANDONED FOR MORE THAN 180 DAYS, THIS PERMIT SHALL BE SUBJECT TO EXPIRATION.

OWNER-BUILDER DECLARATION (Declaration Form Attached)

CONSTRUCTION LENDING AGENCY

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C).
Lender: _____ Address: _____

DECLARATION BY CONSTRUCTION PERMIT APPLICANT

By my signature below, I certify to each of the following: I am
[ ] A California licensed contractor; or
[ ] The property owner*; or
[ ] Authorized to act on the property owner's behalf
I certify that I have read this construction application and that the information I have provided is correct. I agree to comply with all City and County ordinaces and State Laws relating to building construction. I authorize representatives of this City or County to enter upon the above-identified property for inspection purposes.
California licensed Contractor, Property Owner* or Authorized Agent**

Signature: _____ Date: 8-22-12
*Requires separate verification form
**Requires separate authorization form

CITY OF HUNTINGTON BEACH

DEPARTMENT OF BUILDING & SAFETY
2000 Main St., Huntington Beach, CA 92648
For Inspections Call: (714) 536-5241

Inspector:
Benbow, Jeff (714) 536-5680

BUILDING PERMIT

Permit Number:	B2008-003116	**Sprinklered?**	No	**Valuation:**	$1,000.00
Date Issued:	12/08/2009	**Zone:**	CG	**Coastal Permit?**	No
Building Address:	20001 Brookhurst St	**Block**	10	**No. Families:**	
Date Entered:	05/30/2008	**Tract:**	S0006	**No. Stories:**	
Building Use:	C-MISC	**Lot:**	7	**Public Building?**	No

Owner	Contractor	
BERRI TAREK 7201 GARDEN GROVE BLVD. STE. H GARDEN GROVE CA 92841 7148954937		

Project Description: INSTALL NEW PAD & HEALY AIR TANK FOR ***SHELL*** GAS STATION
12/10/8 JM PERMIT EXTENDED 6 MONTHHS*

Occ. Group	Construction Type	Occupancy Load

Permit Fees:	**Inspection:**	$57.26	**Park & Rec:**	$0.00	**Microfilm:**	$5.73
	Building Plan Review:	$130.12	**Library:**	$0.00	**Penalty:**	$0.00
	Planning Plan Review:	$39.59	**Traffic Impact:**	$0.00	**Extension:**	$240.14
	Processing:	$62.89	**Sanitation:**	$0.00	**C/O:**	$0.00
	SMIP:	$1.50	**Demolition:**	$0.00	**Permit Total:**	$537.23
					Outstanding Amount:	$0.00

Permit Details

Building	Related Items	Unit Type	Quantity	Permit Fees: Inspection	Plan Review
	PAD W/ HEALY AIR TANK		1	$56.55	$122.09

WORKERS' COMPENSATION DECLARATION

I hereby affirm under penalty of perjury one of the following declarations:
[✓] I have and will maintain a certificate of consent to self-insure for workers' compensation as provided for by Section3700 of the Labor Code, for the performance of the work for which this permit is issued.
[ ] I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation policy information is: Carrier: _____ Policy Number: _____ Expires:
Agent: _____ Phone (714) 895-4937
[ ] I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that if I should become subject to the workers' compensation provision of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

WARNING: FAILURE TO SECURE WORKERS COMPENSATION COVERAGE IS UNLAWFUL AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS ($100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3700 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect. License No.: _____ License Class: _____
Contractor's Signature: _____ Date: 12-8-09
IF WORK IS NOT COMMENCED 180 DAYS FROM DATE OF ISSUE OF THIS PERMIT, OR IF THE WORK IS ABANDONED FOR MORE THAN 180 DAYS, THIS PERMIT SHALL BE SUBJECT TO EXPIRATION.

OWNER-BUILDER DECLARATION (Declaration Form Attached)

CONSTRUCTION LENDING AGENCY

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C).
Lender: _____ Address: _____

DECLARATION BY CONSTRUCTION PERMIT APPLICANT

By my signature below, I certify to each of the following: I am
[✓] A California licensed contractor; or
[ ] The property owner*; or
[ ] Authorized to act on the property owner's behalf
I certify that I have read this construction application and that the information I have provided is correct. I agree to comply with all City and County ordinaces and State Laws relating to building construction. I authorize representatives of this City or County to enter upon the above-identified property for inspection purposes.
California Licensed Contractor, Property Owner* or Authorized Agent**

Signature: _____ Date: 12-8-09
*Requires separate verification form
**Requires separate authorization form

CITY OF HUNTINGTON BEACH

DEPARTMENT OF BUILDING & SAFETY
2000 Main St., Huntington Beach, CA 92648
For Inspections Call: (714) 536-5241

Inspector:
Benbow, Jeff (714) 536-5680

BUILDING PERMIT

Permit Number:	B2008-003116	**Sprinklered?**	No	**Valuation:**	$1,000.00
Date Issued:	05/30/2008	**Zone:**	CG	**Coastal Permit?**	No
Building Address:	20001 Brookhurst St	**Block**	10	**No. Families:**	
Date Entered:	05/30/2008	**Tract:**	S0006	**No. Stories:**	
Building Use:	C-MISC	**Lot:**	7	**Public Building?**	No

Owner	Contractor	
BERRI TAREK 7201 GARDEN GROVE BLVD. STE. H GARDEN GROVE CA 92841 7148954937		

Project Description: INSTALL NEW PAD & HEALY AIR TANK FOR ***SHELL*** GAS STATION

Occ. Group	Construction Type	Occupancy Load

Permit Fees:	**Inspection:**	$56.55	**Park & Rec:**	$0.00	**Microfilm:**	$5.25
	Building Plan Review:	$122.09	**Library:**	$0.00	**Penalty:**	$0.00
	Planning Plan Review:	$39.59	**Traffic Impact:**	$0.00	**Extension:**	$0.00
	Processing:	$31.69	**Sanitation:**	$0.00	**C/O:**	$0.00
	SMIP:	$0.50	**Demolition:**	$0.00	**Permit Total:**	$255.67
					Outstanding Amount:	$0.00

Permit Details

Building	Related Items	Unit Type	Quantity	Permit Fees: Inspection	Plan Review
	PAD W/ HEALY AIR TANK		1	$56.55	$122.09

CC#13

WORKERS' COMPENSATION DECLARATION

I hereby affirm under penalty of perjury one of the following declarations:
[ ] I have and will maintain a certificate of consent to self-insure for workers' compensation as provided for by Section3700 of the Labor Code, for the performance of the work for which this permit is issued.
[ ] I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation insurance carrier and policy number are:
Carrier: _____ Policy Number: _____
[ ] I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that if I should become subject to the workers' compensation provision of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

Date: _____ Applicant: _____

WARNING: FAILURE TO SECURE WORKERS COMPENSATION COVERAGE IS UNLAWFUL AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS ($100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3700 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.

LICENSED CONTRACTOR'S DECLARATION

License No.: _____ License Class: _____
Contractor's Signature: _____ Date: _____
IF WORK IS NOT COMMENCED 180 DAYS FROM DATE OF ISSUE OF THIS PERMIT, OR IF THE WORK IS ABANDONED FOR MORE THAN 180 DAYS, THIS PERMIT SHALL BE SUBJECT TO EXPIRATION.

OWNER-BUILDER DECLARATION

I hereby affirm under penalty of perjury that I am exempt from Contractor's License Law for the following reason (section 7031.5, Business and Professions Code: Any City or County which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractor's License Law (Chapter 9) (commencing with Section 7000 of Division 3 of Division of the Business and professions Code) or that he or she is exempt there from and the basis for the alleged exemption. Any violation of section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than $500.
[X] I as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale. (Sec. 7044, Business and Professions Code. The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or herself or through his or her employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner/builder will have the burden of proving that he or she did not build or improve for the purpose of sale.)
[ ] I as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code. The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law).
[ ] I am exempt under sec. _____ B & P.C. for this reason _____
Date: 5/30/08 Owner: _____

CONSTRUCTION LENDING AGENCY

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C).
Lender's Name: _____ Address: _____

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and County ordinaces and State Laws relating to building construction and hereby authorize representatives of the City to enter upon the above-mentioned property for inspection purposes.

Date: 5/30/08 Applicant: _____

CITY OF HUNTINGTON BEACH

DEPARTMENT OF BUILDING & SAFETY
2000 Main St., Huntington Beach, CA 92648
(714) 536-5241 Fax 374-1647

HUNTINGTON BEACH

ALL INSPECTION REQUESTS MUST BE RECEIVED BY 4:30 P.M.
FOR THE FOLLOWING DAY'S INSPECTION.

B U I L D I N G P E R M I T

Permit Number: B-079409 PC #200101183 RD 446
Bldg. Address: 20001 BROOKHURST ST Tract: S0006 Lot: 7 Block: 10
EXIST. BLDG. Building Use: COM -SIGN

Owner:
EQUILON ENTS LLC
1100 LOUISIANA ST
HOUSTON TX 77002-5227
Ph. (626)447-9631

Contractor:
SOUTHEAST C & I ELECT CO
12200 WASHINGTON BLV B
WHITTIER CA 90606
Ph. 562 698 6911 Classes: C10
St.No. 648274 City Lic. A222506

Designer:
NA

expired

Project Description: INSTALL (1) ILLUMINATED 7' HIGH MONUMENT SIGN "SHELL"

Sq.Ft. Res/Com:
Garage :
Misc. :
No. Stories:
No. Families:
Valuation: 2000
Bldg. Code: SIGN

Occ. Group:
Public Building? NO
Census Code: 999
Occ. Load:
Constr. Type:
Bldg. Use: COM
Zone: CG-FP2
Park. Spaces:
Coastal Permit? NO
#317260
Entitlement(s):
Application: 06/07/2001 Plancheck: 06/07/2001 ER
Authorized: Building: 07/12/2001 SFA/GH Public Works:
Planning: 07/12/2001 SP Fire Dept:

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* * * PERMIT FEES * * *

Description	Amount	Account	Description	Amount	Account
INSPECTION	68.75	1000010042310	ISSUANCE	25.00	1000010047205
PLANCHECK	60.98	** PAID **	PENALTY	0.00	1000010048550
LIBRARY	0.00	2050020547320	PARKS & REC.	0.00	2090020947270
CONSERVATION	0.50	1000010020410	P/PLANCHECK	20.33	** PAID **
DEMOLITION	0.00	1000010042310	LIBRARY DEV.	0.00	3020030247115
MICRO COPY	5.00	1000010047255			
		TOTAL FEE	99.25		

SEE COMPUTER FOR INSPECT. STATUS

Processed: 07/27/2001 ECD #B-079409 Issued: 07/27/2001 ECD

WORKERS' COMPENSATION DECLARATION

I hereby affirm under penalty of perjury one of the following declarations

☐ I have and will maintain a certificate of consent to self-insure for workers' compensation as provided for by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued

☐ I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code for the performance of the work for which this permit is issued My workers' compensation insurance carrier and policy number are

Carrier: Acceptance Indemnity Policy Number: FWC99985116

☐ I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions

Date: 12-21-01 Applicant: Marc Lamm

Correct contractor

WARNING: FAILURE TO SECURE WORKERS' COMPENSATION COVERAGE IS UNLAWFUL, AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS ($100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.

LICENSED CONTRACTOR'S DECLARATION

License No. 648274 License Class: C10
Contractor Signature: Marc Lamm Date: 12-21-01

If work is not commenced 180 days from date of issue of this permit, or if the work is abandoned for more than 180 days, this permit shall be subject to expiration.

OWNER-BUILDER DECLARATION

I hereby affirm under penalty of perjury that I am exempt from Contractor's License Law for the following reason (section 7031.5, Business and Professions Code: Any City or County which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractor's License Law (Chapter 9) (Commencing with Section 7000 of Division 3 of Business and Professions Code) or that he or she is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than $500)

☐ I as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or herself or through his or her employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he or she did not build or improve for the purpose of sale.)

☐ I as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.)

☐ I am exempt under Sec. B & P C. for this reason

Date: Owner:

CONSTRUCTION LENDING AGENCY

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.)

Lender's Name: Address:

I certify that I have read this application and state that the above information is correct. I agree to comply with all City ordinances and State laws relating to building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Date: 12-21-01 Applicant: Marc Lamm

CITY OF HUNTINGTON BEACH

DEPARTMENT OF BUILDING & SAFETY
2000 Main St., Huntington Beach, CA 92648
(714) 536-5241 Fax 374-1647

HUNTINGTON BEACH

ALL INSPECTION REQUESTS MUST BE RECEIVED BY 4:30 P.M.
FOR THE FOLLOWING DAY'S INSPECTION.

B U I L D I N G P E R M I T

Permit Number: B-079409 PC #200101183 RD 446
Bldg. Address: 20001 BROOKHURST ST Tract: S0005 Lot: 7 Block: 10
EXIST. BLDG. Building Use: COM -SIGN

Owner:
EQUILON ENTS LLC
1100 LOUISIANA ST
HOUSTON TX 77002-5227
Ph. (626)447-9631

Contractor:
ARGOS SIGN & MAINTENANCE
2131 S DUPONT
ANAHEIM CA 92806
Ph. 714 978 7446 Classes: C10 C45
St.No. 725795 City Lic. A217764

Designer:
NA

Project Description: INSTALL (1) ILLUMINATED 7' HIGH MONUMENT SIGN "SHELL"

Sq.Ft. Res/Com:
Garage : No. Stories: Valuation: 2000
Misc. : No. Families: Bldg. Code: SIGN

Occ. Group: Occ. Load: Zone: CG-FP2
Public Building? NO Constr. Type:
Census Code: 999 Bldg. Use: COM Park. Spaces:
Entitlement(s): Coastal Permit? NO
Application: 06/07/2001 Plancheck: 06/07/2001 ER #317260
Authorized: Building: 07/12/2001 SFA/GH Public Works:
Planning: 07/12/2001 SP Fire Dept:

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* * * PERMIT FEES * * *

Description	Amount	Account	Description	Amount	Account
INSPECTION	67.75	1000010042310	ISSUANCE	25.00	1000010047205
PLANCHECK	60.98	** PAID **	PENALTY	0.00	1000010048550
LIBRARY	0.00	2050020547320	PARKS & REC.	0.00	2090020947270
CONSERVATION	0.50	1000010020410	P/PLANCHECK	20.33	** PAID **
DEMOLITION	0.00	1000010042310	LIBRARY DEV.	0.00	3020030247115
MICRO COPY	5.00	1000010047255			

TOTAL FEE 98.25
SEE COMPUTER FOR INSPECT. STATUS

Processed: 07/27/2001 ECD #B-079409 Issued: 07/27/2001 ECD

ck# 137

WORKERS' COMPENSATION DECLARATION

I hereby affirm under penalty of perjury one of the following declarations

☐ I have and will maintain a certificate of consent to self-insure for workers' compensation as provided for by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued.

☒ I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation insurance carrier and policy number are:
Carrier: State Comp. Ins. Fund Policy Number: CC7650130

☐ I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions

Date: _____ Applicant: _____

WARNING: FAILURE TO SECURE WORKERS COMPENSATION COVERAGE IS UNLAWFUL, AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS ($100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES

LICENSED CONTRACTOR'S DECLARATION

License No. 725795 License Class: C-10, C-45
Contractor Signature: Carmen C. Begay Date: 7/27/01

If work is not commenced 180 days from date of issue of this permit, or if the work is abandoned for more than 180 days, this permit shall be subject to expiration.

OWNER-BUILDER DECLARATION

I hereby affirm under penalty of perjury that I am exempt from Contractor's License Law for the following reason (section 7031.5, Business and Professions Code: Any City or County which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractor's License Law (Chapter 9) (Commencing with Section 7000 of Division 3 of Division of the Business and Professions Code) or that he or she is exempt there from and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than $500.

☐ I as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale. (Sec. 7044, Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or herself or through his or her employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner/builder will have the burden of proving that he or she did not build or improve for the purpose of sale.)

☐ I as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, an who contracts for such projects with a contractor (s) licensed pursuant to the Contractor's License Law.)

☐ I am exempt under Sec. _____ B & P C for this reason _____

Date: _____ Owner: _____

CONSTUCTION LENDING AGENCY

I hereby affirm under penalty or perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec 3097, Civ C)

Lender's Name: _____ Address: _____

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and County ordinances and State Laws relating to building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Date: 7/27/01 Applicant: Carmen C. Begay

CITY OF HUNTINGTON BEACH

DEPARTMENT OF BUILDING & SAFETY
2000 Main St., Huntington Beach, CA 92648
(714) 536-5241 Fax 374-1647

HUNTINGTON BEACH

B U I L D I N G P L A N C H E C K F O R M

Permit Number: B-075746
Bldg. Address: 20001 BROOKHURST ST
EXIST. BLDG. Building Use: COM
PC #200002179 RD 446
Tract: S0006 Lot: 7 Block: 10
-SIGN

Owner:
EQUILON ENTS LLC
2255 N. ONTARIO
BURBANK, CA
Ph. (626)447-9631

Contractor:
(NO CONTRACTOR)

CANCELLED
BY: OBurkart
DATE: 10/25/00

Designer:
WESTERN STATES ENG
1150 N RICHFIELD
ANAHEIM CA 92807
Ph. (714)572-2010

Project Description: INSTALL NEW ACM SHEET METALS ON TWO EXISTING CANOPIES

Sq.Ft. Res/Com:
Garage :
Misc. :

No. Stories:
No. Families:

Valuation: 2000
Bldg. Code: SIGN

Occ. Group:
Public Building? NO
Census Code: 437
Entitlement(s):
Application: 09/27/2000
Authorized: Building:
Planning:

Occ. Load:
Constr. Type:
Bldg. Use: COM
Plancheck: 09/27/2000 JB

Zone: CG-FP2
Park. Spaces:
Coastal Permit? NO
#150110
Public Works:
Fire Dept:

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* * * PERMIT FEES * * *

Description	Amount	Account	Description	Amount	Account
INSPECTION	67.75		ISSUANCE	25.00	
PLANCHECK	60.98	** PAID **	PENALTY	0.00	
LIBRARY	0.00		PARKS & REC.	0.00	
CONSERVATION	0.50		P/PLANCHECK	20.33	** PAID **
DEMOLITION	0.00		LIBRARY DEV.	0.00	
MICRO COPY	33.00				

TOTAL FEE 81.31

WORKERS' COMPENSATION DECLARATION

I hereby affirm under penalty of perjury one of the following declarations:

☐ I have and will maintain a certificate of consent to self-insure for workers' compensation as provided for by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued.

☐ I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation insurance carrier and policy number are:

Carrier: _____ Policy Number: _____

☐ I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

Date: _____ Applicant: _____

WARNING: FAILURE TO SECURE WORKERS COMPENSATION COVERAGE IS UNLAWFUL, AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS ($100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.

LICENSED CONTRACTOR'S DECLARATION

License No. _____ License Class: _____

Contractor Signature: _____ Date: _____

If work is not commenced 180 days from date of issue of this permit, or if the work is abandoned for more than 180 days, this permit shall be subject to expiration.

OWNER-BUILDER DECLARATION

I hereby affirm under penalty of perjury that I am exempt from Contractor's License Law for the following reason (section 7031.5, Business and Professions Code: Any City or County which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractor's License Law (Chapter 9) (Commencing with Section 7000 of Division 3 of Division of the Business and Professions Code) or that he or she is exempt there from and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than $500.

☐ I as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale. (Sec. 7044, Business and Professions Code. The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or herself or through his or her employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner/builder will have the burden of proving that he or she did not build or improve for the purpose of sale.)

☐ I as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044 Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, an who contracts for such projects with a contractor (s) licensed pursuant to the Contractor's License Law.)

☐ I am exempt under Sec. _____ B & P.C. for this reason _____

Date: _____ Owner: _____

CONSTUCTION LENDING AGENCY

I hereby affirm under penalty or perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec.3097,Civ.C)

Lender's Name: _____ Address: _____

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and County ordinances and State Laws relating to building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Date: _____ Applicant: _____

CITY OF HUNTINGTON BEACH

DEPARTMENT OF BUILDING & SAFETY
2000 Main St., Huntington Beach, CA 92648
(714) 536-5241 Fax 374-1647

HUNTINGTON BEACH

ALL INSPECTION REQUESTS MUST BE RECEIVED BY 4:30 P.M.
FOR THE FOLLOWING DAY'S INSPECTION.

B U I L D I N G P E R M I T

Permit Number: B-073402 PC #200001115 RD 446
Bldg. Address: 20001 BROOKHURST ST Tract: S0006 Lot: 7 Block: 10
EXIST. BLDG. Building Use: COM -SIGN

Owner:
EQUILON ENTS LLC
1100 LOUISIANA ST
HOUSTON TX 77002-5227

Contractor:
(NO CONTRACTOR)

Designer:
WESTERN STATES ENG
1150 N RICHFIELD
ANAHEIM CA 92807
Ph. (714)572-2010

Project Description: MODIFICATION OF EXSTG BLDG & CANOPY FASCIA. REMOVE 4-SPANDRELS, 1-PYLON W/ SIGNAGE, 2-"SHELL" WORDMARKS ON CANOPY & NEW ACM SHEET METALS ON 2 EXTG CANOPIES

Sq.Ft. Res/Com:
Garage :
Misc. :

No. Stories:
No. Families:

Valuation: 3000
Bldg. Code: SIGN

Occ. Group:
Public Building? NO
Census Code: 999
Entitlement(s):

Occ. Load:
Constr. Type:
Bldg. Use: COM

Zone: CG-FP2
Park. Spaces:
Coastal Permit? NO

Application: 05/18/2000 Plancheck: 05/18/2000 LEM #313984
Authorized: Building: 05/23/2000 KN Public Works:
Planning: 06/09/2000 SM Fire Dept:

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* * * PERMIT FEES * * *

Description	Amount	Account	Description	Amount	Account
INSPECTION	78.13	1000010042310	ISSUANCE	25.00	1000010047205
PLANCHECK	70.32	** PAID **	PENALTY	0.00	1000010048550
LIBRARY	0.00	2050020547320	PARKS & REC.	0.00	2090020947270
CONSERVATION	0.63	1000010020410	P/PLANCHECK	23.44	** PAID **
DEMOLITION	0.00	1000010042310	LIBRARY DEV.	0.00	3020030247115
MICRO COPY	13.00	1000010047255			
		TOTAL FEE	116.76		

SEE COMPUTER FOR INSPECT. STATUS

Processed: 06/21/2000 ECD #B-073402 Issued: 06/21/2000 ECD

WORKERS' COMPENSATION DECLARATION

I hereby affirm under penalty of perjury one of the following declarations:

☐ I have and will maintain a certificate of consent to self-insure for workers' compensation as provided for by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued.

☐ I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation insurance carrier and policy number are:

Carrier: _____ Policy Number: _____

☐ *I certify that in the performance of the work for which this permit is issued, I shall not employ any person in* any manner so as to become subject to the workers' compensation laws of California, and agree that if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

Date: _____ Applicant: _____

Revision to clarify work description. 10/25/00 CB.

WARNING: FAILURE TO SECURE WORKERS COMPENSATION COVERAGE IS UNLAWFUL, AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS ($100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.

LICENSED CONTRACTOR'S DECLARATION

License No. _____ License Class: _____

Contractor Signature: _____ Date: _____

If work is not commenced 180 days from date of issue of this permit, or if the work is abandoned for more than 180 days, this permit shall be subject to expiration.

OWNER-BUILDER DECLARATION

I hereby affirm under penalty of perjury that I am exempt from Contractor's License Law for the following reason (section 7031.5, Business and Professions Code: Any City or County which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractor's License Law (Chapter 9) (Commencing with Section 7000 of Division 3 of Division of the Business and Professions Code) or that he or she is exempt there from and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than $500.

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☐ I am exempt under Sec. _____ B & P C. for this reason _____

Date: _____ Owner: _____

CONSTUCTION LENDING AGENCY

I hereby affirm under penalty or perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec 3097,Civ.C)

Lender's Name: _____ Address: _____

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and County ordinances and State Laws relating to building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Date: _____ Applicant: _____

CITY OF HUNTINGTON BEACH

DEPARTMENT OF BUILDING & SAFETY
2000 Main St., Huntington Beach, CA 92648
(714) 536-5241 Fax 374-1647

ALL INSPECTION REQUESTS MUST BE RECEIVED BY 4:30 P.M.
FOR THE FOLLOWING DAY'S INSPECTION.

B U I L D I N G P E R M I T

Permit Number: B-073402
Bldg. Address: 20001 BROOKHURST ST
EXIST. BLDG. Building Use: COM
Owner:
EQUILON ENTS LLC
1100 LOUISIANA ST
HOUSTON TX 77002-5227

PC #200001115 RD 446
Tract: 30006 Lot: 7 Block: 10
-SIGN
Contractor:
(NO CONTRACTOR)

Designer:
WESTERN STATES ENG
1150 N RICHFIELD
ANAHEIM CA 92807
Ph. (714)572-2010

Project Description: MODIFICATION OF EXSTG BLDG & CANOPY FASCIA. REMOVE 4-SPANDRELS, 1-PYLON W/ SIGNAGE, 2-"SHELL" WORDMARKS ON CANOPY.

Sq.Ft. Res/Com:
Garage :
Misc. :

No. Stories:
No. Families:

Valuation: 3000
Bldg. Code: SIGN

Occ. Group:
Public Building? NO
Census Code: 999
Entitlement(s):

Occ. Load:
Constr. Type:
Bldg. Use: COM

Zone: CG-FP2
Park. Spaces:
Coastal Permit? NO

Application: 05/18/2000 Plancheck: 05/18/2000 IEM #313984
Authorized: Building: 05/23/2000 KN
Planning: 06/09/2000 SM
Public Works:
Fire Dept:

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* * * PERMIT FEES * * *

Description	Amount	Account	Description	Amount	Account
INSPECTION	78.13	RAACD23430600	ISSUANCE	25.00	RAACD23433200
PLANCHECK	70.32	** PAID **	PENALTY	0.00	RAACD23483000
LIBRARY	0.00	RLXLS39171100	PARKS & REC.	0.00	RSKCD23435500
CONSERVATION	0.63	GAA 00020116	P/PLANCHECK	23.44	** PAID **
DEMOLITION	0.00	RAACD23430600	LIBRARY DEV.	0.00	RLCLS39132800
MICRO COPY	13.00	RAACD23477900			
		TOTAL FEE		116.76	

SEE COMPUTER FOR INSPECT. STATUS

Processed: 06/21/2000 ECD #B-073402 Issued: 06/21/2000 ECD

WORKERS' COMPENSATION DECLARATION

I hereby affirm under penalty of perjury one of the following declarations:

☐ I have and will maintain a certificate of consent to self-insure for workers' compensation as provided for by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued.

☐ I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation insurance carrier and policy number are:

Carrier: _____ Policy Number: _____

☐ I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

Date: _____ Applicant: _____

1173.39 1 $116.76 B073402 BldPrmts
Wed Jun 21, 2000 03:46 PM £123533

WARNING: FAILURE TO SECURE WORKERS COMPENSATION COVERAGE IS UNLAWFUL, AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS ($100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.

LICENSED CONTRACTOR'S DECLARATION

License No. _____ License Class: _____

Contractor Signature: _____ Date: _____

If work is not commenced 180 days from date of issue of this permit, or if the work is abandoned for more than 180 days, this permit shall be subject to expiration.

OWNER-BUILDER DECLARATION

I hereby affirm under penalty of perjury that I am exempt from Contractor's License Law for the following reason (section 7031.5, Business and Professions Code: Any City or County which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractor's License Law (Chapter 9) (Commencing with Section 7000 of Division 3 of Division of the Business and Professions Code) or that he or she is exempt there from and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than $500.

☐ I as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale. (Sec. 7044, Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or herself or through his or her employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner/builder will have the burden of proving that he or she did not build or improve for the purpose of sale.)

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☐ I am exempt under Sec. _____, B & P.C. for this reason

Date: 6/21/00 Owner: Carmen C. Begay

CONSTUCTION LENDING AGENCY

I hereby affirm under penalty or perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec.3097,Civ C)

Lender's Name: _____ Address: _____

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and County ordinances and State Laws relating to building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Date: 6/21/00 Applicant: Carmen C. Begay

No. 124958

CITY OF HUNTINGTON BEACH

2000 MAIN ST.
HUNTINGTON BEACH, CA 92648

DEPARTMENT OF
COMMUNITY DEVELOPMENT
P.O. BOX 190 - CALIFORNIA 92648
(714) 536-5241

ALL INSPECTION REQUESTS MUST BE RECEIVED BY 4:30 P.M.
FOR THE FOLLOWING DAY'S INSPECTION.

B U I L D I N G P E R M I T

PC #9800894 RD 446

Permit Number: B-061253
Bldg. Address: 20001 BROOKHURST ST Tract: NA Lot: NA Block: NA
EXIST. BLDG. Building Use: COM -TI

Owner:
SHELL OIL
PO BOX 6520
SANTA ANA CA 92704
Ph. (714)427-3400

Contractor:
LAMB & SONS CONSTRUCTION
P O BOX 1527
COVINA CA 91722
Ph. 626 858 1822 Classes: B1
St.No. 718441 City Lic. A181298

Designer:
NA

Project Description: INSTALLATION OF A SMOG DYNOMETER FOUNDATION (INSIDE BLDG

Sq.Ft. Res/Com:
Garage :
Misc. :
Occ. Group:
Public Building? NO
Census Code: 437

No. Stories: 3
No. Families:
Occ. Load:
Constr. Type:
Bldg. Use: COM

Valuation: 1500
Bldg. Code: TI
Zone: CG-FP2
Park. Spaces:
Coastal Permit? NO

Entitlement(s):
Application: 05/01/98 Plancheck:
Authorized: Building: 05/01/98 GH Public Works:
Planning: 05/01/98 KK Fire Dept:
Processed: 05/01/98 NB #B-061253 Issued: 05/01/98 NB

* * * PERMIT FEES * * *

DESCRIPTION	AMOUNT	ACCOUNT	DESCRIPTION	AMOUNT	ACCOUNT
INSPECTION	52.50	RAACD23430600	ISSUANCE	25.00	RAACD23433200
PLANCHECK	48.30	RAACD23470500	PENALTY	0.00	RAACD23483000
LIBRARY	0.00	RLXLS39171100	PARKS & REC.	0.00	RSKCD23435500
CONSERVATION	0.50	GAA 00020116	P/PLANCHECK	5.25	RAACD23133800
DEMOLITION	0.00	RAACD23430600	LIBRARY DEV.	0.00	RLCCD23432800
MICRO COPY	17.00	GUU 00022555			
		TOTAL FEE	148.55		

FINAL INSPECTION: INITIAL See Computer for DATE Inspection Status

Processed: 05/01/98 NB B-061253 Issued: 05/01/98 NB

I hereby affirm under penalty of perjury one of the following declarations:
☐ I have and will maintain a certificate of consent to self-insure for workers' compensation, as provided for by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued.
☒ I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation insurance carrier and policy number are:
Carrier GOLDEN EAGLE
Policy Number NWC 4 7 31450-04
(This section need not be completed if the permit is for one hundred dollars ($100) or less.
☐ I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

Date: Applicant:

THIS BOX FOR REGISTER VALIDATION ONLY
1121/5 1 $148.55 B061253 BldPrmts
Fri May 01, 1998 09:36 AM £3.054 $1

WARNING: FAILURE TO SECURE WORKERS' COMPENSATION COVERAGE IS UNLAWFUL, AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS ($100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3708 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.

LICENSED CONTRACTOR'S DECLARATION
I hereby affirm under penalty of perjury that I am licensed under provision of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.
License No. 718441 License Class B
Contractor LAMB & SONS CONST Date 5/1/98

Work is not commenced 180 days from date of issue of this permit, or if work is abandoned for more than 180 days, this permit shall be subject to expiration.

OWNER-BUILDER DECLARATION
I hereby affirm under penalty of perjury that I am exempt from Contractor's License Law for the following reason (Section 7031.5, Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractor's License Law (Chapter 9) (commencing with Section 7000) of Division 3 of the Business and Professions Code) or that he or she is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500).):
☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale. (Sec. 7044, Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or herself or through his or her own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner/builder will have the burden of proving that he or she did not build or improve for the purpose of sale.)
☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).
☐ I am exempt under Sec. _____
B.&P.C. for this reason _____
Date _____ Owner _____

CONSTRUCTION LENDING AGENCY
I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C).
Lender's Name _____
Lender's Address _____

I certify that I have read this application and state that the above information is correct. I agree to comply with all city and county ordinances and State laws relating to building construction, and hereby authorize representatives of this county to enter upon the above-mentioned property for inspection purposes.

Signature of Applicant or Agent Date 5/1/98

No. 124958

40-Rev. 1/97
WHITE COPY - FILE, BLUE COPY - COUNTY, CANARY COPY - OFFICE, GREEN COPY - APPLICANT, PINK COPY - TREASURER

No. 117[illegible]

CITY OF HUNTINGTON BEACH

2000 MAIN ST.
HUNTINGTON BEACH, CA 92648

DEPARTMENT:
COMMUNITY DEVELO
P.O. BOX 190 - CALIFORNI
(714) 536-5241

ALL INSPECTION REQUESTS MUST BE RECEIVED BY 4:00 P.M.
FOR THE FOLLOWING DAY'S INSPECTION.

B U I L D I N G P E R M I T

PC #9702733 RD 446

Permit Number: B-057649
Bldg. Address: 20001 BROOKHURST ST Tract: NA Lot: NA Block: NA
EXIST. BLDG. Building Use: COM -TI

Owner:
SHELL OIL
PO BOX 6520
SANTA ANA CA 92704
Ph. (714)427-3400

Contractor:
J M C CONSTRUCTION
14926 LA PALMA
CHINO CA 91710
Ph. 909-393-3545
St.No. 501709 City Lic. A163090

Designer:
NA

expired

Project Description: EXTEND WALKWAY TO 5', NEW ADA PARKING & SIGNAGE, NEW ADA RAMP.

Sq.Ft. Res/Com:
Garage :
Misc. :
Occ. Group:
Public BuildingNO
Census Code: 437

No. Stories: 1
No. Families:
Occ. Load:
Constr. Type:
Bldg. Use: COM

Valuation: 1000
Bldg. Code: TI
Zone: CG-FP2
Park. Spaces:
Coastal PermitNO

Entitlement(s):
Application: 10/16/97 Plancheck: 10/16/97 RO #306999
Authorized: Building: 10/17/97 KN Public Works:
Planning: 10/16/97 KN/JS Fire Dept:
Processed: 10/20/97 YH #B-057649 Issued: 10/20/97 YH

* * * PERMIT FEES * * *

DESCRIPTION	AMOUNT	ACCOUNT	DESCRIPTION	AMOUNT	ACCOUNT
INSPECTION	42.50	RAACD23430600	ISSUANCE	25.00	RAACD23433200
PLANCHECK	39.10	** PAID **	PENALTY	0.00	RAACD23483000
LIBRARY	0.00	RLXLS39171100	PARKS & REC.	0.00	RSKCD23435500
CONSERVATION	0.50	GAA 00020116	P/PLANCHECK	4.25	** PAID **
DEMOLITION	0.00	RAACD23430600	LIBRARY DEV.	0.00	RLCCD23432800
MICRO COPY	9.00	GUU 00022555			
		TOTAL FEE	77.00		

FINAL INSPECTION: INITIALS DATE
See Computer for Inspection Status

Processed: 10/20/97 YH #B-057649 Issued: 10/20/97 YH

WORKERS' COMPENSATION DECLARATION

I hereby affirm under penalty of perjury one of the following declarations:
☐ I have and will maintain a certificate of consent to self-insure for workers' compensation, as provided for by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued.
☐ I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation insurance carrier and policy number are:
Carrier MID-CENTURY INS. CO.
Policy Number NCC08-2104
(This section need not be completed if the permit is for one hundred dollars ($100) or less.
☐ I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

Date: 10/20/97 Applicant:

THIS BOX FOR REGISTER VALIDATION ONLY
1292/103 1 $77.00 B057649 BldPrmts
Mon Oct 20, 1997 01:52 PM £32663 $1

WARNING: FAILURE TO SECURE WORKERS' COMPENSATION COVERAGE IS UNLAWFUL, AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS ($100,000), IN addition TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm under penalty of perjury that I am licensed under provision of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.
License No. 491184 License Class(es) C-10 HAZ
Contractor Date 10/20/97

If work is not commenced 180 days from date of issue of this permit, or if work is abandoned for more than 180 days, this permit shall be subject to expiration.

OWNER-BUILDER DECLARATION

I hereby affirm under penalty of perjury that I am exempt from Contractor's License Law for the following reason (Section 7031.5, Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractor's License Law (Chapter 9) (commencing with Section 7000) of Division 3 of the Business and Professions Code) or that he or she is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.):
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☐ I am exempt under Sec. _____
B.&P.C. for this reason _____
Date _____ Owner _____

CONSTRUCTION LENDING AGENCY

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Lender's Name _____
Lender's Address _____

I certify that I have read this application and state that the above information is correct. I agree to comply with all city and county ordinances and State laws relating to building construction, and hereby authorize representatives of this county to enter upon the above-mentioned property for inspection purposes.

Signature of Applicant or Agent Date 10/20/97

No. 117249

FORM 140-Rev. 1/97

WHITE COPY - FILE, BLUE COPY - COUNTY, CANARY COPY - OFFICE, GREEN COPY - APPLICANT, PINK COPY - TREASURER

No. 078911

CITY OF HUNTINGTON BEACH

2000 MAIN ST.
HUNTINGTON BEACH, CA 92648

DEPARTMENT OF
COMMUNITY DEVELOPMENT
P.O. BOX 190 - CALIFORNIA 92648
(714) 536-5241

ALL INSPECTION REQUESTS MUST BE RECEIVED BY 4:00 P.M.
FOR THE FOLLOWING DAY'S INSPECTION.

B U I L D I N G P E R M I T

20001 Brookhurst

Permit Number: B-044462 PC # 1 RD #446
Bldg. Address: 20001 BROOKHURST ST Tract: NA Lot: NA Block: NA
EXIST. BLDG. Building Use: COMM - CHAIN LINK FENCE
Owner:
ESE
17390 BROOKHURST 110
FV CA 92708
Ph. ( )964-8722

Contractor:
ENVIRO CARE Enviro-Tech Chain Company
516 GENEVA
HUNTINGTON BEACH CA 92648
Ph. 960-3802
St.No.
Designer:
NA

EXPIRED

Remarks: 92 LF OF 8' HIGH CHAIN LINK FENCE TO SCREEN Date: 3/1/96
REMEDIATION SYSTEM

By: JH.

Sq.Ft. Res/Com:
Garage : No. Stories: 1 Valuation: 1288
Misc. : 92 No. Families: Bldg. Code: ADD
Desc.:
Occ. Group: Occ. Load: Zone: C4FP2
Public Building? YES Constr. Type:
Census Code: 000 Bldg. Use: Park. Spaces:
Entitlement(s): Coastal Permit? NO
Application: 04/17/95 Plancheck:
Authorized: Building: 04/17/95 GH Planning: 04/17/95 JM
Fire Dept.: Public Works:
Processed: 04/17/95 SDS #B-044462 Issued: 04/17/95 SDS

PERMIT FEES

DESCRIPTION	AMOUNT	ACCOUNT	DESCRIPTION	AMOUNT	ACCOUNT
INSPECTION	36.00	RAACD23430600	ISSUANCE	20.00	RAACD23430600
PLANCHECK	33.12	RAACD23470500	PENALTY	0.00	RAACD23483000
LIBRARY	0.00	RAACD23471100	PARKS & REC.	0.00	RSKCD23435500
CONSERVATION	0.50	GAA 00020116	P/PLANCHECK	0.00	RAACD23133800
MICRO COPY	2.00	GUU 00022555			
		TOTAL FEE	91.62		

LDS #9102

Processed: 04/17/95 SDS #B-044462 Issued: 04/17/95 SDS

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

(This section need not be completed if the permit is for one hundred dollars ($100) or less.)
I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to Worker's Compensation Laws.

Date _____ Applicant _____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Worker's Compensation provisions of the Labor Code, you must forthwith comply with such provision or this permit shall be deemed revoked.

LICENSED CONTRACTORS DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Number _____ Lic. Class _____
Contractor _____ Date _____

☐ I am exempt from the licensing requirements as I am a licensed architect or a registered professional engineer acting in my professional capacity (Section 7051, Business and Professions Code).

Lic. or Reg. No. _____ Date _____

THIS BOX FOR REGISTER VALIDATION ONLY

2107/152 17Apr95 001/12 $91.62

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self insure, or a certificate of Worker's Compensation Insurance, or a certified copy thereof (Sec. 3800, Lab. C).

Policy No. _____ Company _____

☐ Certified copy is hereby furnished.
☐ Certified copy is filed with the city building inspection department.

Date _____ Applicant _____

If work is not commenced 180 days from date of issue of this permit, or if work is abandoned for more than 180 days, this permit shall be null and void.

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason. [(Sec. 7031.5) Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the Contractor's License Law (Chapter 9) (commencing with Section 7000) of Division 3 of the Business and Professions Code, or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500).]

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale. (Sec. 7044) Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner/builder will have the burden of proving that he did not build or improve for the purpose of sale.

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project. (Sec. 7044) Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.

☐ I am exempt under Sec. _____ B. & P.C. for this reason

Date _____ Owner _____

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C).

Lender's Name: BJ.L.SPERM
Lender's Address _____

I certify that I have read this application and state that the above information is correct. I agree to comply with all city ordinances and State laws relative to building construction, and hereby authorize representatives of this city to enter upon the above mentioned property for inspection purposes.

Signature of Applicant or Agent — Date 4/17/95

No. 078911

WHITE COPY - INSPECTOR, BLUE COPY - COUNTY, CANARY COPY - OFFICE, GREEN COPY - APPLICANT, PINK COPY - TREASURER

INSPECTOR

FORM 140-Rev 12/89

BUILDING PERMIT

A 47987

446

CITY OF HUNTINGTON BEACH
DEPARTMENT OF
DEVELOPMENT SERVICES
P.O. BOX 190 - CALIFORNIA 92648
(714) 536-5241

Applicant to fill in area within heavy lines only.

BUILDING ADDRESS: 20001, BROOKHURST ST

Lot No. PORTN | Tract No. NE 1/4 | Block No. SEC. 7 T 6S, R10W, RANCHO LAS BOLSAS

Owner: SHELL OIL CO.
Address: P.O. BOX 4848 | Tel. No. 213-585-0660
City: ANAHEIM | State: CA. | Zip: 92803

Contractor: MADISON INDUSTRIES | Tel. No. 213-583-4061
Address: 1900 E. 64 ST. | State Lic. No. 119949
City: LOS ANGELES 90001 | City Lic. No. 70742

Architect or Engineer: ROBT. HANSEN | Tel. No. 213-583-4061
Address: 1900 E. 64 ST | Lic. No. CE 11372
City: LOS ANGELES | State: CA. | Zip: 90001

Sq. Ft. Building: 84 | No. of Stories: 1 | No. of Families: —
Sq. Ft. Garage: — | Description of Work: 6'X14'
STEEL BLDG

Use of Building: PAY BOOTH
Valuation (Including Labor & Mat.): $2950.00

Check One: NEW ☒ | ADD ☐ | ALTER ☐ | REPAIR ☐ | DEMOL. ☐ | RELOCATE ☐

Building Address: 20001 BROOKHURST ST | Plan Check No. 12,549
Occupancy: Grp B Div 2 | Type of Construction: IIN | Occ. Load 1
Use Zone: CH | Use: CONN. SERVICE ST | Parking Spaces Required
Planning Action: — | Coastal Permit Zone ☐ Yes ☐ No
Land Use Approved By: AL Date 11/15/83
Permit Authorized By: AL Date 11/15/83
Permit Issued By: ECL Date 11/15/83

FEES:
Permit $ 38.50
Plan Check $ 25.50
Conservation $ .50
TOTAL $ 64.50

Receipt No. 191640
Community Enrichment Library Fee: Sq. Ft. ____ Fee $ ____
Remarks: PAY BOOTH WITH RESTROOM ONLY

I have read this application and agree to comply with all local and state laws applicable to building construction.
☒ 1. I am validly registered and licensed as required by the City of Huntington Beach and the State of California, or
☐ 2. I am the legal owner of the above described property.
I have filed with the City of Huntington Beach:
☐ 1. A certificate of consent to self-insure issued by the Director of Industrial Relations, or
☒ 2. A certificate of workers' compensation insurance issued by an admitted insurer, or
☐ 3. An exact copy or duplicate thereof certified by the Director or the insurer, or
☐ 4. I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers compensation laws of the State of California.
I certify (or declare) under penalty of perjury that the foregoing is true and correct, and this declaration was executed on the ____ day of NOV, 1983 at Huntington Beach, California.
Mike Paul Chesnut
Permittee

If work is not commenced 180 days from date of issue of this permit, or if work is abandoned for more than 180 days, this permit shall be null and void.

Inspection Record

Approval	Date	Inspector
Foundation and Location		
Floor Slabs		
Sheathing		
Framing		
Lath or Drywall		
Brown Coat		
Parking		
Landscaping		
Land Use Conditions		
Final		
Utility Release		

1

INSPECTOR

BUILDING PERMIT

DEPARTMENT OF BUILDING — CITY OF HUNTINGTON BEACH

NOTICE

No framing inspection will be made until the job has progressed in a satisfactory manner. All City Ordinances, requirements, and imposed conditions shall be complied with prior to final inspection. A Certificate of Occupancy will be issued only when all such conditions have been met.

Use Zone

Zoning Approved By [illegible] Date 12.8.71

Group Type Plan Ck. NWL

Remarks: N. Pac Hwy 1/4, Sec 8 T6 R11W.

FEES

Building Permit $ 10.00	
Plan Check $	Paid Misc. Rec. No.
Permit Prepared by [illegible]	
Permit Authorized by [illegible]	Date 12/8/71

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regulating building construction.

I hereby certify that I am properly registered with and/or licensed as required by the City of Huntington Beach and/or State of California, or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued I shall not employ any person in violation of the workmen's compensation laws of the State of California.

Signature of Permitee _____ Date _____

For Applicant to fill in

Job No. 75795

Address 20001 Brook Hurst

Lot No. X Tract No. Blk. No.

Please Attach Metes & Bounds (2 Copies)

Owner Shell Oil Co.

Owner's Address 100 W. Bush, S.F.

Description of Work Replacing sign

Use of Building Sign

Area of Building 24 sq ft | Valuation $ 50.00

Contractor Shell Oil

Address

State Lic. No.

INSPECTION RECORD

APPROVAL	DATE	INSPECTOR
Foundation and Location		
Reinforcing		
Roof Shtg.		
Rough Frame		
Lath or Drywall		
Plas. Brown Ct.		
Final	1-24-73	[illegible]
Utility Release		

VALIDATION BY CASHIER

Plan Check

Bldg. Pt. $10.00 [illegible] 12-8-71

Routing: (1) Bldg. Inspector (2) Office File (3) Statistics (4) Records (5) Owner

1

BUILDING PERMIT

DEPARTMENT OF BUILDING — CITY OF HUNTINGTON BEACH

NOTICE

No framing inspection will be made until the job has progressed in a satisfactory manner. All City Ordinances, requirements, and imposed conditions shall be complied with prior to final inspection. A Certificate of Occupancy will be issued only when all such conditions have been met.

Use Zone * Por NE¼ Sec 7 T6 R10

Zoning Approved By Alexander Date 6-4-71

Group | Type | Plan Ck.

Remarks: Approved for 30 days by B of ZA on 5-26-71. Permit expires on July 5, 1971

FEES

Building Permit $ 10.00	
Plan Check $	Paid Misc. Rec. No.
Permit Prepared by Bi	
Permit Authorized by DLC	Date 6/4/71

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regulating building construction.

I hereby certify that I am properly registered with and/or licensed as required by the City of Huntington Beach and/or State of California, or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued I shall not employ any person in violation of the workmen's compensation laws of the State of California.

Signature of Permitee [signature] Date 6/4/71

For Applicant to fill in

Job No. 72727

Address 20001 ~~Adams~~ Brookhurst

Lot No. * Tract No. Blk. No.

Please Attach Metes & Bounds (2 Copies)

Owner Shell Oil Co

Owner's Address 100 Bush St San Francisco

Description of Work

Use of Building Temp Sign

Area of Building | Valuation $ 20.00

Contractor Owner

Address

State Lic. No. | 968-8500

INSPECTION RECORD

APPROVAL	DATE	INSPECTOR
Foundation and Location		
Reinforcing		
Roof Shtg.		
Rough Frame		
Lath or Drywall		
Plas. Brown Ct.		
Final		
Utility Release		

VALIDATION BY CASHIER

Plan Check

Bldg. Pt. 10.00 Cash Bi

Routing: (1) Bldg. Inspector (2) Office File (3) Statistics (4) Records (5) Owner

BUILDING PERMIT

DEPARTMENT OF BUILDING — CITY OF HUNTINGTON BEACH

NOTICE

No framing inspection will be made until the job has progressed in a satisfactory manner. All City Ordinances, requirements, and imposed conditions shall be complied with prior to final inspection. A Certificate of Occupancy will be issued only when all such conditions have been met.

Use Zone

Zoning Approved By [illegible] Date 8-18-70

Group Type Plan Ck.

Remarks: ✗ N 220' E 320', NE¼, NE¼, Sec 7, T.5 S, R11W

FEES

Building Permit $ 5.00	
Plan Check $	Paid Misc. Rec. No.
Permit Prepared by [illegible]	
Permit Authorized by [illegible]	Date 8-18-70

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regulating building construction.

I hereby certify that I am properly registered with and/or licensed as required by the City of Huntington Beach and/or State of California, or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued I shall not employ any person in violation of the workmen's compensation laws of the State of California.

Signature of Permittee [signature] Date 8-18-70

For Applicant to fill in

Job No. 68963

Address 20001 Brookhurst

Lot No. ✗ Tract No. Blk. No.

Please Attach Metes & Bounds (2 Copies)

Owner Shell Oil Co.

Owner's Address 1130 N. Brookhurst, Anaheim

Description of Work Install 4 Underground Tank

Use of Building Service Station

Area of Building | Valuation $ 4,500.00

Contractor Leonard Construct Co.

Address 873 "C" (C) 15th St. Newport Beach

State Lic. No. 94318 | 642-7560

INSPECTION RECORD

APPROVAL	DATE	INSPECTOR
Foundation and Location		
Reinforcing		
Roof Shtg.		
Rough Frame		
Lath or Drywall		
Plas. Brown Ct.		
Final		
Utility Release		

VALIDATION BY CASHIER

Plan Check

Bldg. Pt. 5.00 [illegible]

Routing: (1) Bldg. Inspector (2) Office File (3) Statistics (4) Records (5) Owner

1

P.C. #462

BUILDING PERMIT

DEPARTMENT OF BUILDING — CITY OF HUNTINGTON BEACH

NOTICE

No framing inspection will be made until the job has progressed in a satisfactory manner. All City Ordinances, requirements, and imposed conditions shall be complied with prior to final inspection. A Certificate of Occupancy will be issued only when all such conditions have been met.

Use Zone

Zoning Approved By WDL Date 5-27-70

Group Type Plan Ck.

Remarks: * N. 220', E. 220', NE¼, NE¼, Sec 7, T6S, R11W

FEES

Building Permit $ 83.00	41.50
Plan Check $	Paid 8169 Misc. Rec. No. 5-7-70
Permit Prepared by	
Permit Authorized by OCC	Date 5/27/70

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regulating building construction.

I hereby certify that I am properly registered with and/or licensed as required by the City of Huntington Beach and/or State of California, or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued I shall not employ any person in violation of the workmen's compensation laws of the State of California

Signature of Permittee: Martin Fields Date 5/27/70

For Applicant to fill in

Job No. 67988

Address 20001 Brookhurst

Lot No. * Tract No. Blk. No.

Please Attach Metes & Bounds (2 Copies)

Owner Shell Oil Co.

Owner's Address Box 4090, Anaheim

Description of Work New

Use of Building Service Station

Area of Building 2220# Valuation $ 22,422

Contractor Southwest Fabr. Co.

Address Box 3554, S. El Monte

State Lic. No. 143092 443-6151

INSPECTION RECORD

APPROVAL	DATE	INSPECTOR
Foundation and Location	8-26-70	Benellin/Ba
Reinforcing		
Roof Shtg.	10-2-70	Benellin
Rough Frame	10-10-70	Benellin
Lath or Drywall		
Plas. Brown Ct.		
Final	11-20-70	Benellin
Utility Release	11-20-70	Quinlan

VALIDATION BY CASHIER

Plan Check

Bldg. Pt. 83.00 Vt ck

Routing: (1) Bldg. Inspector (2) Office File (3) Statistics (4) Records (5) Owner

1

PC#462

BUILDING PERMIT

DEPARTMENT OF BUILDING — CITY OF HUNTINGTON BEACH

NOTICE

No framing inspection will be made until the job has progressed in a satisfactory manner. All City Ordinances, requirements, and imposed conditions shall be complied with prior to final inspection. A Certificate of Occupancy will be issued only when all such conditions have been met.

Use Zone

Zoning Approved By WDL Date 5-27-70

Group Type Plan Ck.

Remarks: * N. 220', E 220', NE¼, NE¼, Sec. 7, T6S, R11W

For Applicant to fill in

Job No. 67989

Address 20001 Brookhurst

Lot No. * Tract No. Blk. No.

Please Attach Metes & Bounds (2 Copies)

Owner Shell Oil Co.

Owner's Address Box 4090, Anaheim

Description of Work New

Use of Building Canopy

Area of Building 1248 Valuation $ 4799

Contractor Southwest Fabr. Co.

Address Box 3554, So. El Monte

State Lic. No. 143092 443-6151

FEES

Building Permit $ 2.9 — 13.00

Plan Check $ 1.50 — Paid 8169 Misc. Rec. No. 5-27-70

Permit Prepared by

Permit Authorized by CMC — Date 5/27/70

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regulating building construction.

I hereby certify that I am properly registered with and/or licensed as required by the City of Huntington Beach and/or State of California, or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued I shall not employ any person in violation of the workmen's compensation laws of the State of California.

Signature of Permittee Martin Ballo Date 5/27/70

INSPECTION RECORD

APPROVAL	DATE	INSPECTOR
Foundation and Location		
Reinforcing		
Roof Shtg.		
Rough Frame		
Lath or Drywall		
Plas. Brown Ct.		
Final	11-20-70	[illegible]
Utility Release		

VALIDATION BY CASHIER

Plan Check

Bldg Pt. 30.50 Ck

Routing: (1) Bldg. Inspector (2) Office File (3) Statistics (4) Records (5) Owner

1

PC#462

BUILDING PERMIT

DEPARTMENT OF BUILDING — CITY OF HUNTINGTON BEACH

NOTICE

No framing inspection will be made until the job has progressed in a satisfactory manner. All City Ordinances, requirements, and imposed conditions shall be complied with prior to final inspection. A Certificate of Occupancy will be issued only when all such conditions have been met

Use Zone

Zoning Approved By WJL Date 5-27-70

Group Type Plan Ck.

Remarks: * N. 220', E 220', NE 1/4, NE 1/4, Sec 7, T6S, R11W

FEES

Building Permit $ 29	
Plan Check $ 14.50	Paid Misc. Rec. No.
Permit Prepared by	
Permit Authorized by OCC	Date 5/27/70

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regulating building construction.

I hereby certify that I am properly registered with and/or licensed as required by the City of Huntington Beach and/or State of California, or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued I shall not employ any person in violation of the workmen's compensation laws of the State of California.

Signature of Permittee Martin Zelb Date 5/27/70

For Applicant to fill in

Job No. 67990

Address 20001 Brookhurst

Lot No. * Tract No. Blk. No.

Please Attach Metes & Bounds (2 Copies)

Owner Shell Oil Co.

Owner's Address Box 4090, Anaheim

Description of Work Re New Canopy

Use of Building

Area of Building 885 sq ft — Valuation $ 4799

Contractor Southwest Fabr Co

Address Box 3554, So El Monte

State Lic. No. 143092 — 443651

INSPECTION RECORD

APPROVAL	DATE	INSPECTOR
Foundation and Location		
Reinforcing		
Roof Shtg.		
Rough Frame		
Lath or Drywall		
Plas. Brown Ct.		
Final	11-20-70	[illegible]
Utility Release		

VALIDATION BY CASHIER

Plan Check

Bldg. Pt. 43.50 WJL clk

Routing: (1) Bldg. Inspector (2) Office File (3) Statistics (4) Records (5) Owner

1

BUILDING PERMIT

DEPARTMENT OF BUILDING — CITY OF HUNTINGTON BEACH

NOTICE

No framing inspection will be made until the job has progressed in a satisfactory manner. All City Ordinances, requirements, and imposed conditions shall be complied with prior to final inspection. A Certificate of Occupancy will be issued only when all such conditions have been met.

Use Zone

Zoning Approved By H.J.M. Date 5/19/70

Group Type Plan Ck.

Remarks: * Por. NE¼ of NE¼ Sec 7, T6S, R11W.

FEES

Building Permit $ 10	
Plan Check $	Paid Misc. Rec. No.
Permit Prepared by JH	
Permit Authorized by OCC	Date 5/19/70

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regulating building construction.

I hereby certify that I am properly registered with and/or licensed as required by the City of Huntington Beach and/or State of California, or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued I shall not employ any person in violation of the workmen's compensation laws of the State of California.

Signature of Permittee [signature] Date 5/19/70

PC #547

For Applicant to fill in

Job No. 67823

Address 20001 Brookhurst

Lot No. * Tract No. Blk. No.

Please Attach Metes & Bounds (2 Copies)

Owner Shell Oil Co.

Owner's Address 1136 Brookhurst-Lynk

Description of Work New

Use of Building Poldr.

Area of Building 67.74 Valuation $ 1300

Contractor Vic Stein Elect

Address 312 Melrose - Placentia

State Lic. No. 214596 528-2141

INSPECTION RECORD

APPROVAL	DATE	INSPECTOR
Foundation and Location	7-1-70	Bendlin
Reinforcing		
Roof Shtg.		
Rough Frame		
Lath or Drywall		
Plas. Brown Ct.		
Final	11-20-70	Bendlin
Utility Release		

VALIDATION BY CASHIER

Plan Check

Bldg. Pt. 10.00 JH Ck

Routing: (1) Bldg. inspector (2) Office File (3) Statistics (4) Records (5) Owner

1

PC 547

BUILDING PERMIT

DEPARTMENT OF BUILDING — CITY OF HUNTINGTON BEACH

NOTICE

No framing inspection will be made until the job has progressed in a satisfactory manner. All City Ordinances, requirements, and imposed conditions shall be complied with prior to final inspection. A Certificate of Occupancy will be issued only when all such conditions have been met.

Use Zone

Zoning Approved By [illegible] Date 5/19/70

Group Type Plan Ck.

Remarks: * Par. NE 1/4, NE 1/4, Sec 7 T6S, R11W

FEES

Building Permit $ 10	
Plan Check $	Paid Misc. Rec. No.
Permit Prepared by [illegible]	
Permit Authorized by [illegible]	Date 5/19/70

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regulating building construction.

I hereby certify that I am properly registered with and/or licensed as required by the City of Huntington Beach and/or State of California, or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued I shall not employ any person in violation of the workmen's compensation laws of the State of California.

Signature of Permittee [illegible] Date 5/19/70

For Applicant to fill in

Job No. 67824

Address 20001 Brookhurst

Lot No. * Tract No. Blk. No.

Please Attach Metes & Bounds (2 Copies)

Owner Shell Oil Co

Owner's Address 1136 Brookhurst, Anah

Description of Work New

Use of Building Car Wash

Area of Building 2254 Valuation $ 250

Contractor Vic Stein Elect

Address 312 Melrose, Placentia

State Lic. No. 214576 528-2111

INSPECTION RECORD

APPROVAL	DATE	INSPECTOR
Foundation and Location		
Reinforcing		
Roof Shtg.		
Rough Frame		
Lath or Drywall		
Plas. Brown Ct.		
Final	11-20-70	[illegible]
Utility Release		

VALIDATION BY CASHIER

Plan Check

Bldg. Pt. 10 NY ck

Routing: (1) Bldg. Inspector (2) Office File (3) Statistics (4) Records (5) Owner

1

20002

BROOKHURST ST.

A 53676

BUILDING PERMIT

CITY OF HUNTINGTON BEACH
DEPARTMENT OF
DEVELOPMENT SERVICES
P.O. BOX 190 · CALIFORNIA 92648
(714) 536-5241

Applicant to fill in are within heavy lines only.

BUILDING ADDRESS: 20002 Brookhurst St
Tract No.:
Block No.:
Lot No.:
Owner: Downey Savings
Tel. No.:
Address: 20002 Brookhurst
City: Huntington Beach State: CA Zip: 92648
Contractor: Faven Industries Tel. No.: 619-743-8022
Address: 1425 Industrial State Lic. No.: B2 500318
City: Escondido City Lic. No.: 31146
Architect or Engineer: E.L. Miller Tel. No.: 755-3270
Address: P.O. Box 1106 Lic. No.: C-18
City: Del Mar State: CA Zip: 92014
Sq. Ft. Living: — No. of Stories: — No. of Families: —
Sq. Ft. Garage:
Description of Work: Periodel for ATM. Installation
Use of Building: Office
Valuation (Including Labor & Mat.): 5,000.-

Check One: NEW ☐ ADD ☐ ALTER ☒ REPAIR ☐ DEMOL. ☐ RELOCATE ☐

I have read this application and agree to comply with all local and state laws applicable to building construction.
☒ 1. I am validly registered and licensed as required by the City of Huntington Beach and the State of California, or
☐ 2. I am the legal owner of the above described property.
I have filed with the City of Huntington Beach:
☐ 1. A certificate of consent to self-insure issued by the Director of Industrial Relations, or
☒ 2. A certificate of workers' compensation insurance issued by a admitted insurer, or
☐ 3. An exact copy or duplicate thereof certified by the Director of the insurer, or
☐ 4. I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers compensation laws of the State of California.
I certify (or declare) under penalty of perjury that the foregoi is true and correct, and this declaration was executed on the 1 day of March, 1984 at Huntington Beach, California.

Permittee

If work is not commenced 180 days from date of issue of this permit, or if work is abandoned for more than 180 days, this permit shall be null and void.

Building Address: 20002 BROOKHURST
Plan Check No.: 121756
Occupancy: Grp B Div 2
Type of Construction: V-N
Occ. Load:
Use Zone: C-4
Use: Comm.
Parking Spaces Require.:
Planning Action: —
Coastal Permit Zone: ☐ Yes ☒ No
Land Use Approved By: Date:
FEES: Permit $50.50
Permit Authorized By: Date: 3-6-84
Plan Check $33.00
Permit Issued By: Date: 3-1-84
Conservation $ .50
Receipt No.: 193531
TOTAL $ 84.00
Community Enrichment Fee $:
Library Fee: Sq. Ft.:
Remarks:

Approval	Inspection Record Date	Inspector
Foundation and Location		
Floor Slabs		
Sheathing		
Framing		
Lath or Drywall		
Brown Coat		
Parking		
Landscaping		
Land Use Conditions		
Final	4-19-84	Paul
Utility Release		

INSPECTION

1

BUILDING PERMIT

DEPARTMENT OF BUILDING — CITY OF HUNTINGTON BEACH

P. C. 352

NOTICE

No framing inspection will be made until the job has progressed in a satisfactory manner. All City Ordinances, requirements, and imposed conditions shall be complied with prior to final inspection. A Certificate of Occupancy will be issued only when all such conditions have been met.

Use Zone

Zoning Approved By _____ Date 6.9.72

Group Type Plan Ck. 352

Remarks: 2 Story

FEES

Building Permit	$ 361.50	3/21/72
Plan Check	$	Paid 181.25 Misc. Rec. No.

Permit Prepared by bl

Permit Authorized by RT | Date 6/8/72

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regulating building construction.

I hereby certify that I am properly registered with and/or licensed as required by the City of Huntington Beach and/or State of California, or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued I shall not employ any person in violation of the workmen's compensation laws of the State of California.

Signature of Permitee _____ Date 6/12/72

For Applicant to fill in

Job **No 79306**

Address 20002 Brookhurst St.

Lot No. Sec. T-65 Tract No. Rancho Los Bolsas Blk. No.

Please Attach Metes & Bounds (2 Copies)

Owner Downey Savings & Loan

Owner's Address 8630 E. Florence Ave., Downey

Description of Work New

Use of Building Offices

Area of Building 13,460 | Valuation $ 235,000

Contractor McAlister Constr. Co.

Address 8645 E. Florence Ave. Downey

State Lic. No. 142047-B-1 | 213-861-7204

INSPECTION RECORD

APPROVAL	DATE	INSPECTOR
Foundation and Location	6-28-72	Pavell/Bo
Reinforcing	7-14-72	Pavell
Roof Shtg.	9.27.72	Bendlin
Rough Frame	10-17-72	Bendlin
Lath or Drywall	10-17-72	Bendlin
Plas. Brown Ct.	11-4-72	Bendlin
Final	12-7-72	Bendlin
Utility Release	12-8-72	Pavell

VALIDATION BY CASHIER

Plan Check

Bldg. Pt. 361.50 - CK Pd Sale #573

Conservation 16.45

Routing: (1) Bldg. Inspector (2) Office File (3) Statistics (4) Records (5) Owner

BUILDING PERMIT

DEPARTMENT OF BUILDING — CITY OF HUNTINGTON BEACH

No. 77978

NOTICE

No framing inspection will be made until the job has progressed in a satisfactory manner. All City Ordinances, requirements, and imposed conditions shall be complied with prior to final inspection. A Certificate of Occupancy will be issued only when all such conditions have been met.

Use Zone

Zoning Approved By DWM Date 4-14-72

Group | Type | Plan Ck.

Remarks:

FEES

Building Permit	$ 90.00	
Plan Check	$ 20.00	Paid Misc. Rec. No.
Permit Prepared by	Bes	
Permit Authorized by	RG	Date 4/24/72

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regulating building construction.

I hereby certify that I am properly registered with and/or licensed as required by the City of Huntington Beach and/or State of California, or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued I shall not employ any person in violation of the workmen's compensation laws of the State of California.

Signature of Permitee Downey Savings & Loan Date 4/24/72
Leg A. E. Davis

For Applicant to fill in

Job 2000 Bi-Centennial
Address 10002 Adams

Lot No. | Tract No. | Blk. No.

Please Attach Metes & Bounds (2 Copies)

Owner Downey Savings & Loan
Owner's Address Downey Savings & Loan
Description of Work 8'x30' Freestanding Canopy Drive Thru Bank
Use of Building Savings & Loan
Area of Building 280 Sq Ft | Valuation $ 4,000
Contractor Owner
Address
State Lic. No. 923-5561

INSPECTION RECORD

APPROVAL	DATE	INSPECTOR
Foundation and Location		
Reinforcing		
Roof Shtg.		
Rough Frame		
Lath or Drywall		
Plas. Brown Ct.		
Final		
Utility Release		

VALIDATION BY CASHIER

Plan Check 110.00
Bldg. Pt.

Routing: (1) Bldg. Inspector (2) Office File (3) Statistics (4) Records (5) Owner

1

ELECTRIC PERMIT

DEPARTMENT OF BUILDING — CITY OF HUNTINGTON BEACH

For Applicant to Fill in (Use Ink) — No. 46280

		FEES
RESIDENTIAL (SINGLE OR MULTI-FAMILY — NEW AREA IN SQUARE FEET		
GARAGES NEW (RESIDENTIAL OR MULTI-FAMILY USE) AREA IN SQUARE FEET		
COOKING APPLIANCES — NO. OF WATTAGE EACH		
HEATING APPLIANCES — NO. OF WATTAGE EACH		
HOME APPLIANCES — NAME EACH		
FIXTURES — NO. OF	348	44.36
OUTLETS — NO. OF	191	25.52
SIGNS & HP GAS TUBE LIGHTING		
POLES (PERMANENT) CONSTRUCTION		
TEMPORARY SERVICE		
GENERATORS — NO. OF KW. EACH		
TRANSFORMERS — NO. OF KW. EACH		
MOTORS — NO. OF LIST UNDER MISCELLANEOUS		
MISCELLANEOUS AND LIST OF MOTORS		
NUMBER OF SERVICES (IF UNITS TO BE SEPARATELY METERED — LIST AS NUMBER OF SERVICES)	1	5.00
Issuance of Each Permit		2.00
TOTAL FEE		76.88

Received by

Permit Authorized by — Date

Job Address: 20002 Brookhurst — Building Permit No.

Lot No. — Tract No. — Block No.

Owner: Mercury Savings & Loan

Owner's Address

Electrical Contractor: E. E. Morrison Elec. Inc.

Address: 6430 Clara St.

Phone: 213-771 2682 — State License No. 233086

City Reg.: Bell Gardens

Purpose of Building: Bank & Loan

New Bldg. ☐ — Old Bldg. ☐

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regulating electrical wiring.

I hereby certify that I am properly registered with and/or licensed as required by the City of Huntington Beach and/or State of California, or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued I shall not employ any person in violation of the workmen's compensation laws of the State of California.

Signature of Permittee: [signature] Date 7-10-72

Address

VALIDATION BY CASHIER

Fee 76.88 — B2 Rec. 1079

INSPECTION RECORD

Approvals	Date	Inspector
Conduit	7-25-72	Rattlesnake
Wiring	10-12-72	Rattlesnake
Fixtures		
Power		
Final	12-1-72	Rattlesnake
Util. Co. Notified	12-11-72	[illegible]
Other		

Routing: No. 1 Electrical Inspector — No. 2 Office File — No. 3 Statistics — No. 4 Owner

1

PLUMBING PERMIT

DEPARTMENT OF BUILDING — CITY OF HUNTINGTON BEACH

No. 78181

For Applicant to Fill In (USE INK)

Job Address 20002 Brookhurst — Building Permit No.

Lot No. — Tract No. — Blk. No.

Owner Downey Savings & Loan

Owner's Address 8630 Florence - Downey

Plumbing Contractor Standard Plmbg

Contractor's Address P.O. Box 413 - Bell

City Reg. 771-5610 / 910333 - 272663

Use of Bldg. Offices

New Bldg. ☑ Old Bldg. ☐

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regulating plumbing

I hereby certify that I am properly registered with and/or licensed as required by the City of Huntington Beach and/or State of California, or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued I shall not employ any person in violation of the workmen's compensation laws of the State of California.

Signature of Permittee: Otho R. Barton — Date 7/11/72

Address

PERMIT FEES

NUMBER	TYPE OF FIXTURE OR ITEM	$	FEE
	RESIDENTIAL (SINGLE OR MULTI-FAMILY - NEW) AREA IN SQUARE FEET		
5	Water Closet (Toilet)	7	50
	Bath Tub		
	Shower		
3	Lavatory (Wash Basin)	4	50
1	Kitchen Sink and ~~Garb. Disp.~~	1	50
	Laundry Tub or Tray		
1	Water Heater	1	50
1	Slop Sink	1	50
1	Floor Sink	1	50
	Floor Drain		
	Dish Washer		
1	Drinking Fountain	1	50
1	Urinal	1	50
1	Gas System—Outlets	1	50
	House Sewer		
	Sand Traps		
	Automatic Washing Mach.		
	Water Softeners		
	Syphon Breaker		
	Sprinkling System		
1	Water Distribution	1	50
5	ROOF DRAIN @ 2.00	10	00
	NUMBER OF SERVICES (IF UNITS TO BE SEPARATELY METERED - LIST TOTAL) 1	1	00
	Issuance of Permit	2	00
	TOTAL FEE	37	00

Fee 37.00

CP 4 1098

APPROVALS	DATE	INSPECTOR
Ground Plumbing	7-13-72	Luther
Rough Plumbing	11-6-72	Luther
Gas Piping		
Gas Vent		
Cess Pool		
Septic Tank		
Sewer		
Gas Test		
Utility Co. Notified	12-8-72	Gray
Final	12-7-72	Luther

No. 1 Plumbing Inspector — No. 2 Office File — No. 3 Statistics — No. 4 Owner

1

Heating, Ventilating, Air Conditioning and Refrigeration PERMIT

DEPARTMENT OF BUILDING — CITY OF HUNTINGTON BEACH

For Applicant to Fill In
(Use Ink)

№ 33823

Job Address 20002 Brookhurst | Building Permit No.

Lot No. | Tract No. | Blk. No.

Owner Downey Savings & Loan

Owner's Address

Contractor Hendley Engr.

Contractor's Address 8050 Florence, Down.

City Reg. 213-862-9414 -- 610587

Use of Bldg. Commercial

New Bldg. ☑ Old Bldg. ☐

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regulating plumbing.

I hereby certify that I am properly registered with and/or licensed as required by the City of Huntington Beach and/or State of California, or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued I shall not employ any person in violation of the workmen's compensation laws of the State of California.

Signature of Permittee H. W. Hendley Date 8/24/72

Address 8050 FLORENCE AVE Downey 90240

PERMIT FEES

Number		$ Fee	
5	Type of Appliance and Manufacturers BTU 100,000 BTU Over 100,000	21	00
	Appliance Vents, Other Than a Chimney		
	Warm Air Register		
	Repairs, Additions to, or Alterations		
	Incidental Gas Piping		
	Blower or Exhaust Fan, Separate from Furnace		
	Refrigeration Pounds (Type)		
5	Compressors 4 3-15/1-15-30 hp	40	00
4	Refrigeration Systems: Altered ☐ New ☐ Replaces ☐	12	00
	Progressive Inspection Double Above Fees		
	Kind of Fuel		
1	Air Handling	5	00
1	Ventilation System	3	00
	Residential (Single or Multi-Family—New) Area _____ Square Feet		
	Issuance of Permit	3	00
	TOTAL FEE $	84	00

Received by Date

Permit Authorized by Date

VALIDATION BY CASHIER

Fee 84.00

Job #1900

Approvals	Date	Inspector
Rough Heating		
Final Heating	12-7-72	[illegible]

Routing: No. 1 Plumbing Inspector No. 2 Office File No. 3 Auditor No. 4 Owner

1

PLUMBING PERMIT

DEPARTMENT OF BUILDING — CITY OF HUNTINGTON BEACH

For Applicant to Fill In (USE INK)

№ 80538

Job Address 20002 Brookhurst — Building Permit No.

Lot No. — Tract No. — Blk. No.

Owner Flaurney Sungo & Loan

Owner's Address

Plumbing Contractor Kenneth L. Wells

Contractor's Address 625 Brookhurst #L

City Reg. Anaheim - 535-3774

Use of Bldg. Commercial

New Bldg. ☑ Old Bldg. ☐

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regulating plumbing.

I hereby certify that I am properly registered with and/or licensed as required by the City of Huntington Beach and/or State of California, or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued I shall not employ any person in violation of the workmen's compensation laws of the State of California.

Signature of Permittee _____ Date 11/2/72

Address Kenneth L. Wells

VALIDATION BY CASHIER

Fee 4.00

Rec'd 3183

PERMIT FEES

NUMBER	TYPE OF FIXTURE OR ITEM	$ FEE
RESIDENTIAL (SINGLE OR MULTI-FAMILY - NEW) AREA IN SQUARE FEET ____		
	Water Closet (Toilet)	
	Bath Tub	
	Shower	
	Lavatory (Wash Basin)	
	Kitchen Sink and Garb. Disp.	
	Laundry Tub or Tray	
	Water Heater	
	Slop Sink	
	Floor Sink	
	Floor Drain	
	Dish Washer	
	Drinking Fountain	
	Urinal	
	Gas System—Outlets	
	House Sewer	
	Sand Traps	
	Automatic Washing Mach.	
	Water Softeners	
	Syphon Breaker	
1	Sprinkling System	2 00
	Water Distribution	
NUMBER OF SERVICES (IF UNITS TO BE SEPARATELY METERED - LIST TOTAL) ____		
Issuance of Permit		2 00
TOTAL FEE		4.00

APPROVALS	DATE	INSPECTOR
Ground Plumbing		
Rough Plumbing		
Gas Piping		
Gas Vent		
Cess Pool		
Septic Tank		
Sewer		
Gas Test		
Utility Co. Notified		
Final	12-7-72	[illegible]

Routing: No. 1 Plumbing Inspector No. 2 Office File No. 3 Statistics No. 4 Owner

1

PLUMBING PERMIT

DEPARTMENT OF BUILDING — CITY OF HUNTINGTON BEACH

For Applicant to Fill in (USE INK) — No. 79451

Job Address	20002 Pacific Coast Hwy
Building Permit No.	
Lot No.	Tract No.
Blk. No.	
Owner	Arnold Lawrence Dorn
Owner's Address	
Plumbing Contractor	[illegible]
Contractor's Address	818 W. Chapman
City Reg.	Orange — 633-1242
Use of Bldg.	[illegible]

New Bldg. ☐ Old Bldg. ☐

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regulating plumbing.

I hereby certify that I am properly registered with and/or licensed as required by the City of Huntington Beach and/or State of California, or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued I shall not employ any person in violation of the workmen's compensation laws of the State of California.

Signature of Permittee [signature] Date 9/11/72

Address

PERMIT FEES

NUMBER	TYPE OF FIXTURE OR ITEM	$	FEE
	RESIDENTIAL (SINGLE OR MULTI-FAMILY - NEW) AREA IN SQUARE FEET ____		
	Water Closet (Toilet)		
	Bath Tub		
	Shower		
	Lavatory (Wash Basin)		
	Kitchen Sink and Garb. Disp.		
	Laundry Tub or Tray		
	Water Heater		
	Slop Sink		
	Floor Sink		
	Floor Drain		
	Dish Washer		
	Drinking Fountain		
	Urinal		
	Gas System—Outlets		
1	House Sewer	5	00
	Sand Traps		
	Automatic Washing Mach.		
	Water Softeners		
	Syphon Breaker		
	Sprinkling System		
	Water Distribution		
	NUMBER OF SERVICES (IF UNITS TO BE SEPARATELY METERED - LIST TOTAL) ____		
	Issuance of Permit	2	00
	TOTAL FEE	7.00	

VALIDATION BY CASHIER

Fee 7.00

2254

APPROVALS	DATE	INSPECTOR
Ground Plumbing		
Rough Plumbing		
Gas Piping		
Gas Vent		
Cess Pool		
Septic Tank		
Sewer		
Gas Test		
Utility Co. Notified		
Final		

Routing: No. 1 Plumbing Inspector No. 2 Office File No. 3 Statistics No. 4 Owner

1

BUILDING PERMIT

DEPARTMENT OF BUILDING — CITY OF HUNTINGTON BEACH

NOTICE

No framing inspection will be made until the job has progressed in a satisfactory manner. All City Ordinances, requirements, and imposed conditions shall be complied with prior to final inspection. A Certificate of Occupancy will be issued only when all such conditions have been met.

Use Zone

Zoning Approved By [illegible] Date 11-21-71

Group Type Plan Ck. 2045

Remarks:

FEES

Building Permit $ 10.00	
Plan Check $	Paid Misc. Rec. No.
Permit Prepared by BAS	
Permit Authorized by RJ	Date 11-21-72

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regulating building construction.

I hereby certify that I am properly registered with and/or licensed as required by the City of Huntington Beach and/or State of California, or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued I shall not employ any person in violation of the workmen's compensation laws of the State of California.

Signature of Permitee [illegible] Date 11-21-72

For Applicant to fill in

Job No. 82843

Address 20002 Brookhurst

Lot No. Tract No. Blk. No.

Please Attach Metes & Bounds (2 Copies)

Owner Red Carpet Realtors
Downey Savings & Loan

Owner's Address Same

Description of Work Wall & Pole Sign

Use of Building Real Estate Office

Area of Building 20 sq. ft. 72 sq. ft. — Valuation $ 2,000

Contractor Western Neon

Address 2948 Randolph — C.M.

State Lic. No. 549-0746

INSPECTION RECORD

APPROVAL	DATE	INSPECTOR
Foundation and Location		
Reinforcing		
Roof Shtg.		
Rough Frame		
Lath or Drywall		
Plas. Brown Ct.		
Final	1-24-73	[illegible]
Utility Release		

VALIDATION BY CASHIER

Plan Check

Bldg. Pt. 10.00

#346 0

Routing: (1) Bldg. Inspector (2) Office File (3) Statistics (4) Records (5) Owner

1

BUILDING PERMIT

DEPARTMENT OF BUILDING — CITY OF HUNTINGTON BEACH

NOTICE

No framing inspection will be made until the job has progressed in a satisfactory manner. All City Ordinances, requirements, and imposed conditions shall be complied with prior to final inspection. A Certificate of Occupancy will be issued only when all such conditions have been met.

Use Zone

Zoning Approved By WRH Date 10.6.72

Group Type Plan Ck.

Remarks: Sec T-65 Rancho Los Bolsas

FEES

Building Permit $ 40.00	
Plan Check $	Paid Misc. Rec. No.
Permit Prepared by Sub	
Permit Authorized by RG	Date 10/6/72

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regulating building construction.

I hereby certify that I am properly registered with and/or licensed as required by the City of Huntington Beach and/or State of California, or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued I shall not employ any person in violation of the workmen's compensation laws of the State of California.

Signature of Permitee David J. Meglio Date 10/6/72

For Applicant to fill in

Job No. 82004

Address 20002 Brookhurst

Lot No. 4 Tract No. Blk. No.

Please Attach Metes & Bounds (2 Copies)

Owner Mowney Savings

Owner's Address Same

Description of Work Lease sign - 4.

Use of Building Savings & loan

Area of Building 125 ft² Valuation $ 8,000.00

Contractor Yerrup Electric

Address 14322 Valerio Van Nuys

State Lic. No. 179556 - 781-4744

INSPECTION RECORD

APPROVAL	DATE	INSPECTOR
Foundation and Location		
Reinforcing		
Roof Shtg.		
Rough Frame		
Lath or Drywall		
Plas. Brown Ct.		
Final	1-24-73	Bendlin
Utility Release		

VALIDATION BY CASHIER

Plan Check

Bldg. Pt. 40.00

Routing: (1) Bldg. Inspector (2) Office File (3) Statistics (4) Records (5) Owner

ELECTRIC PERMIT

DEPARTMENT OF BUILDING — CITY OF HUNTINGTON BEACH

For Applicant to Fill in (Use Ink) No. 47580

		FEES
RESIDENTIAL (SINGLE OR MULTI-FAMILY — NEW AREA IN SQUARE FEET		
GARAGES NEW (RESIDENTIAL OR MULTI-FAMILY USE) AREA IN SQUARE FEET		
COOKING APPLIANCES — NO. OF WATTAGE EACH		
HEATING APPLIANCES — NO. OF WATTAGE EACH		
HOME APPLIANCES — NAME EACH		
FIXTURES — NO. OF		
OUTLETS — NO. OF		
SIGNS & HP GAS TUBE LIGHTING		21.25
POLES (PERMANENT) CONSTRUCTION		
TEMPORARY SERVICE		
GENERATORS — NO. OF KW. EACH		
TRANSFORMERS — NO. OF KW. EACH		
MOTORS — NO. OF LIST UNDER MISCELLANEOUS		
MISCELLANEOUS AND LIST OF MOTORS		
4 signs 10 transformers		
NUMBER OF SERVICES (IF UNITS TO BE SEPARATELY METERED — LIST AS NUMBER OF SERVICES)		
Issuance of Each Permit		2.00
TOTAL FEE		22.25

Received by

Permit Authorized by Date

Job Address 20002 Brookhurst — Building Permit No.

Lot No. Tract No. Block No.

Owner Clowney Lawing

Owner's Address

Electrical Contractor Jones Electric

Address 14322 Valley

Phone 781-4744 — State License No. 199560

City Reg. Van Kemp

Purpose of Building 4 wall signs

New Bldg. ☐ Old Bldg. ☐

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regulating electrical wiring.

I hereby certify that I am properly registered with and/or licensed as required by the City of Huntington Beach and/or State of California, or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued I shall not employ any person in violation of the workmen's compensation laws of the State of California.

Signature of Permittee [signature] Date 10/16/72

Address

VALIDATION BY CASHIER

Fee 22.25

INSPECTION RECORD

Approvals	Date	Inspector
Conduit		
Wiring		
Fixtures		
Power		
Final	12-19-72	[signature]
Util. Co. Notified		
Other		

Routing: No. 1 Electrical Inspector No. 2 Office File No. 3 Statistics No. 4 Owner

1

ELECTRIC PERMIT

DEPARTMENT OF BUILDING — CITY OF HUNTINGTON BEACH

For Applicant to Fill in (Use Ink) No. 47975

		FEES
RESIDENTIAL (SINGLE OR MULTI-FAMILY — NEW AREA IN SQUARE FEET		
GARAGES NEW (RESIDENTIAL OR MULTI-FAMILY USE) AREA IN SQUARE FEET		
COOKING APPLIANCES — NO. OF WATTAGE EACH		
HEATING APPLIANCES — NO. OF WATTAGE EACH		
HOME APPLIANCES — NAME EACH		
FIXTURES — NO. OF		
OUTLETS — NO. OF		5.00
SIGNS & HP GAS TUBE LIGHTING	2	~~2.50~~
POLES (PERMANENT) CONSTRUCTION		
TEMPORARY SERVICE		
GENERATORS — NO. OF KW. EACH		
TRANSFORMERS — NO. OF KW. EACH	4	5.00
MOTORS — NO. OF LIST UNDER MISCELLANEOUS		
MISCELLANEOUS AND LIST OF MOTORS		
NUMBER OF SERVICES (IF UNITS TO BE SEPARATELY METERED — LIST AS NUMBER OF SERVICES)		
Issuance of Each Permit		2.00
TOTAL FEE		12.00

Received by

Permit Authorized by Date

Job Address 20002 Brookhurst — Building Permit No.

Lot No. Tract No. Block No.

Owner Red Carpet Realtors

Owner's Address

Electrical Contractor Western Neon

Address 2948 Randolph C.M.

Phone 549-0746 — State License No.

City Reg.

Purpose of Building Sign

New Bldg. ☑ Old Bldg. ☐

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regulating electrical wiring.

I hereby certify that I am properly registered with and/or licensed as required by the City of Huntington Beach and/or State of California, or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued I shall not employ any person in violation of the workmen's compensation laws of the State of California.

Signature of Permittee C. J. Mitchell Date 11-21-72

Address 2948 RANDOLPH, COSTA MESA

VALIDATION BY CASHIER

Fee 12.00 #3460

INSPECTION RECORD

Approvals	Date	Inspector
Conduit		
Wiring		
Fixtures		
Power		
Final	12-26-72	Rittline/PS
Util. Co. Notified		
Other		

Routing: No. 1 Electrical Inspector No. 2 Office File No. 3 Statistics No. 4 Owner

1

BUILDING PERMIT

DEPARTMENT OF BUILDING — CITY OF HUNTINGTON BEACH

NOTICE

No framing inspection will be made until the job has progressed in a satisfactory manner. All City Ordinances, requirements, and imposed conditions shall be complied with prior to final inspection. A Certificate of Occupancy will be issued only when all such conditions have been met.

Use Zone

Zoning Approved by [illegible] Date

Group Type Plan Ck.

Remarks: * NW¼, NW¼, Sec 8, T6S, R10W

FEES

Building Permit $ 10.00	
Plan Check $	Paid Misc. Rec. No.
Permit Prepared by Srb	
Permit Authorized by JB	Date 7-19-73

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regarding building construction.

I hereby certify that I am properly registered with and/or licensed as required by the City of Huntington Beach and/or State of California, or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued I shall not employ any person in violation of the workmen's compensation laws of the State of California.

Signature of Permitee By app Date 7-22-73

PLANS ON APPLICATION

For Applicant to fill in

Job No 86573

Address 20002 Brookhurst

Lot No. * Tract No. Blk. No.

Please Attach Metes & Bounds (2 Copies)

Owner Downey Savings and Loans Assoc.

Owner's Address 8630 E. Florence Ave. Downey

Description of Work Installation of Real Estate Sign

Use of Building Commercial

Area of Building 20 sq. ft. — Valuation $ 10.00

Contractor Caldwell Banker & Co

Address 2333 No Broadway

State Lic. No. SA 541-5221

INSPECTION RECORD

Approval	Date	Inspector
Foundation and Location		
Reinforcing		
Roof Shtg.	No Electric	
Rough Frame		
Lath or Drywall		
Plas. Brown Ct.		
Final	1-3-75	C Jones
Utility Release		

VALIDATION BY CASHIER

Plan Check

Bldg. Pt. 10.00

#1743

Routing: (1) Bldg. Inspector (2) Office File (3) Statistics (4) Records (5) Owner

COM

PERMIT

CITY OF
HUNTINGTON BEACH

NOTICE

No framing inspection will be made until the job has progressed in a satisfactory manner. All City Ordinances, requirements, and imposed conditions shall be complied with prior to final inspection. A Certificate of Occupancy will be issued only when all such conditions have been met.

Use Zone

Zoning Approved By WT Date 4-3-73

Group Type Plan Ck.

Remarks:

FEES

Building Permit	$ ~~30.00~~ 20.00	
Plan Check	$ 10.00	Paid Misc. Rec. No.
Permit Prepared by	Bo	
Permit Authorized by	JB	Date 4/3/73

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regulating building construction.

I hereby certify that I am properly registered with and/or licensed as required by the City of Huntington Beach and/or State of California, or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued I shall not employ any person in violation of the workmen's compensation laws of the State of California.

Signature of Permitee Robert Bledsoe Date 4/3/73

For Applicant to fill in

No 84932

Job Address 20002 Brookhurst

Lot No. Tract No. Blk. No.

Please Attach Metes & Bounds (2 Copies)

Owner Downey Savings & Loan

Owner's Address same

Description of Work Block Wall

Use of Building Comm

Area of Building 236' Valuation $ 1,652

Contractor Bledsoe Const. Co

Address 19112 Orente Dr

State Lic. No. Yorba Linda

INSPECTION RECORD 524-5271

APPROVAL	DATE	INSPECTOR
Foundation and Location	4-4-73	[illegible]
Reinforcing Steel	4-11-73	[illegible]
Roof Sntg.		
Rough Frame		
Lath or Drywall		
Plas. Brown Ct.		
Final	10-15-74	[illegible]
Utility Release		

VALIDATION BY CASHIER

Plan Check 30.00

Bldg. Pt. 50 Com Fee Pd #5449

Routing: (1) Bldg. Inspector (2) Office File (3) Statistics (4) Records (5) Owner

COM 1

ELECTRIC PERMIT

DEPARTMENT OF BUILDING — CITY OF HUNTINGTON BEACH

For Applicant to Fill in (Use ink) No. 47984

		FEES
RESIDENTIAL (SINGLE OR MULTI-FAMILY — NEW AREA IN SQUARE FEET		
GARAGES NEW (RESIDENTIAL OR MULTI-FAMILY USE) AREA IN SQUARE FEET		
COOKING APPLIANCES — NO. OF WATTAGE EACH		
HEATING APPLIANCES — NO. OF WATTAGE EACH		
HOME APPLIANCES — NAME EACH		
FIXTURES — NO. OF		
OUTLETS — NO. OF		
SIGNS & HP GAS TUBE LIGHTING		
POLES (PERMANENT) CONSTRUCTION		
TEMPORARY SERVICE		25 00
GENERATORS — NO. OF KW. EACH		
TRANSFORMERS — NO. OF KW. EACH		
MOTORS — NO. OF LIST UNDER MISCELLANEOUS		
MISCELLANEOUS AND LIST OF MOTORS		
NUMBER OF SERVICES (IF UNITS TO BE SEPARATELY METERED — LIST AS NUMBER OF SERVICES)		
Issuance of Each Permit		2.00
TOTAL FEE		27.00

Received by

Permit Authorized by Date

Job Address 20002 Brookhurst — Building Permit No.

Lot No. Tract No. Block No.

Owner Downey Savings

Owner's Address

Electrical Contractor Owner

Address

Phone 923-5561 — State License No.

City Reg.

Purpose of Building temp work with

New Bldg. ☐ Old Bldg. ☐

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regulating electrical wiring.

I hereby certify that I am properly registered with and/or licensed as required by the City of Huntington Beach and/or State of California, or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued I shall not employ any person in violation of the workmen's compensation laws of the State of California.

Signature of Permittee [signature] Date 11/22/72

Address 8630 Florence Downey

VALIDATION BY CASHIER

Fee 27.00

INSPECTION RECORD

Approvals	Date	Inspector
Conduit		
Wiring		
Fixtures		
Power Temp	11-22-72	[signature]
Final		
Util. Co. Notified	11-22-72	Laney
Other		

Routing: No. 1 Electrical Inspector No. 2 Office File No. 3 Statistics No. 4 Owner

1

ELECTRIC PERMIT

DEPARTMENT OF BUILDING — CITY OF HUNTINGTON BEACH

№ 79913

For Applicant to Fill In. (USE INK)

		FEES	
RESIDENTIAL (SINGLE OR MULTI-FAMILY – NEW AREA IN SQUARE FEET			
GARAGES NEW (RESIDENTIAL OR MULTI-FAMILY USE) AREA IN SQUARE FEET			
COOKING APPLIANCES – NO. OF WATTAGE EACH			
HEATING APPLIANCES – NO. OF WATTAGE EACH			
HOME APPLIANCES – NAME EACH			
FIXTURES – NO. OF 4	4	1	20
OUTLETS – NO. OF			
SIGNS & HP GAS TUBE LIGHTING			
POLES (PERMANENT) CONSTRUCTION			
TEMPORARY SERVICE			
GENERATORS – NO. OF KW. EACH			
TRANSFORMERS – NO. OF KW. EACH			
MOTORS – NO. OF LIST UNDER MISCELLANEOUS			
MISCELLANEOUS AND LIST OF MOTORS			
NUMBER OF SERVICES 1		7	20
(IF UNITS TO BE SEPARATELY METERED – LIST AS NUMBER OF SERVICES)			
Issuance of Each Permit		5	60 / 2 00
TOTAL FEE		12.00	

Received by

Permit Authorized by — Date

Job Address 20002 BREENHURST — Building Permit No

Lot No. — Tract No. — Block No.

Owner Rodney Savinis & Loan

Owner's Address 3200 Bristol Costa Mesa

Electrical Contractor Burns Electric

Address 1374 Logan 'D' Costa Mesa

Phone 557 1872 — State License No. 269990

City Reg. 18577

Purpose of Building Comm.

New Bldg. ☐ Old Bldg. ☒

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regulating electrical wiring.

I hereby certify that I am properly registered with and or licensed as required by the City of Huntington Beach and/or State of California, or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued I shall not employ any person in violation of the workmen's compensation Laws of the State of California.

Signature of Permittee [signature] Date 6/9/80

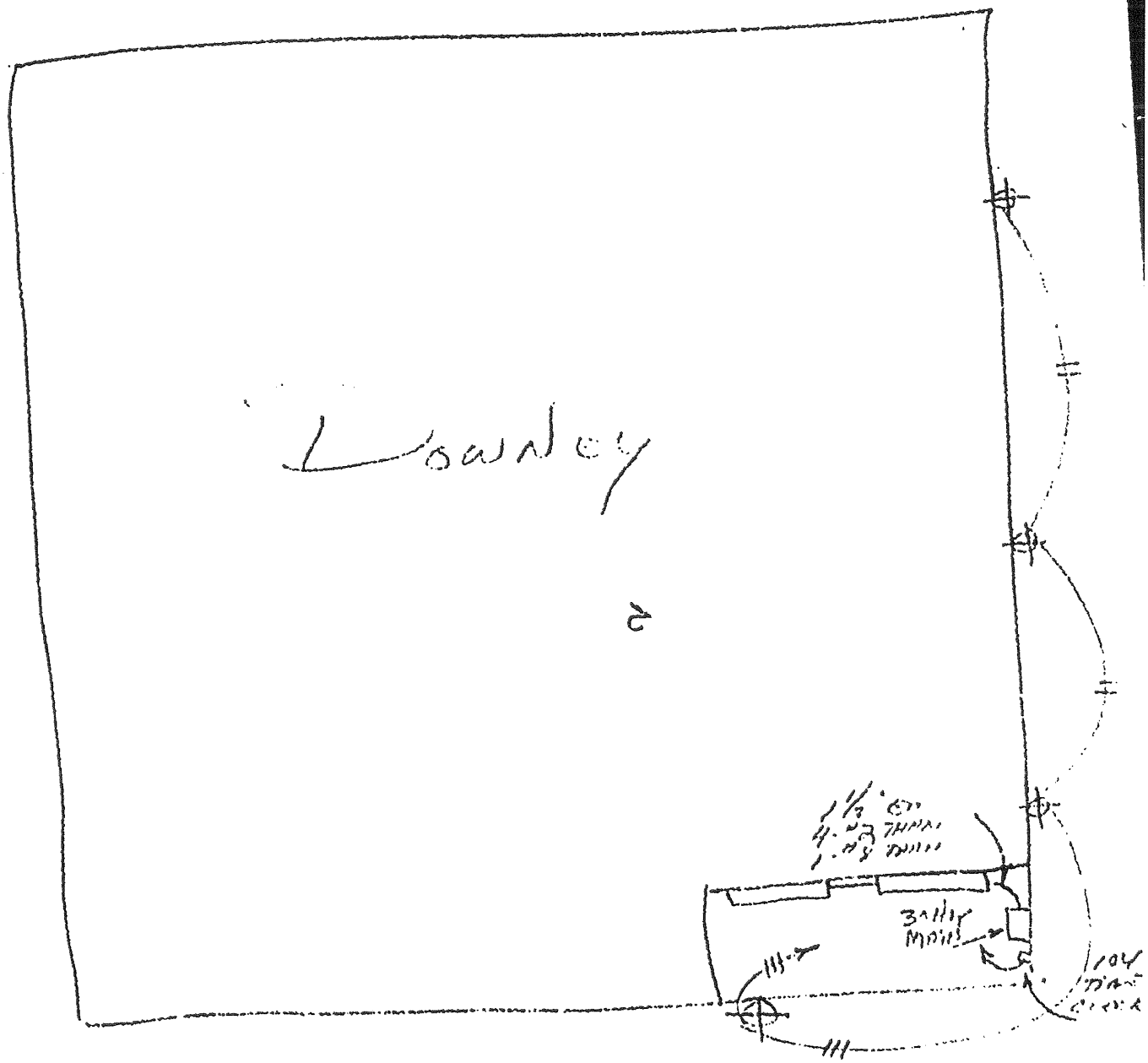
Address 1374 D Logan Costa Mesa

VALIDATION BY CASHIER

Fee 12.00 — 53936

INSPECTION RECORD

Approvals	Date	Inspector
Conduit		
Wiring		
Fixtures		
Power		
Final	6-16-80	[signature]
Util. Co. Notified	6-20-80	[signature]
Other		


Laundry
Bailey Mills

PLUMBING PERMIT

P 26768

CITY OF HUNTINGTON BEACH
DEPARTMENT OF
DEVELOPMENT SERVICES
P.O. BOX 190 - CALIFORNIA 92648
(714) 536-5241

PERMIT FEES			
TYPE OF FIXTURE OR ITEM	Each	No.	Fee
Water Closet (Toilet)	2.40	2	4 80
Horse Scaer (see reverse)	8.00		
Bath Tub	2.40		
Shower	2.40		
Lavatory (Wash Basin)	2.40	3	7 20
Kitchen Sink and Garbage Disposal	2.40		
Gas Piping 5 or Less Outlets	2.40		
Gas Piping over 5 Outlets - Ea.	.50		
Water Heater	2.40		
Dish Washer	2.40		
Urinal	2.40	1	2 40
Lawn Sprinklers - 50 Heads or Less	2.40		
Automatic Washing Machine	2.40		
Water Softeners	2.40		
Water Distribution	2.40		
P-Trap/Anti-siphon	2.40		
Roof Drains - Per Drain	2.40		
Floor Sinks or Drains	2.40	2	4 80
Number of Gas Meters	N.C.		
Issuance of Permit			3 60
TOTAL FEE			22 80

I have read this application and agree to comply with all local and state laws applicable to building construction.

☑ 1. I am validly registered and licensed as required by the City of Huntington Beach and the State of California, or:

☐ 2. I am the legal owner, or agent, of the above described property.

I have filed with the City of Huntington Beach:

☐ 1. A certificate of consent to self-insure issued by the Director of Industrial Relations, or

☑ 2. A certificate of workers' compensation insurance issued by an admitted insurer, or

☐ 3. An exact copy or duplicate thereof certified by the Director or the insurer, or

☐ 4. I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers compensation laws of the State of California.

I certify (or declare) under penalty of perjury that the foregoing is true and correct, and that this declaration was executed on the 22 day of [illegible], 19 80, Huntington Beach, California.

[signature]
Permittee

If work is not commenced 120 days from date of issue of this permit, or if work is abandoned for more than 120 days, this permit shall be null and void.

Approved by

Issued by B Date 2/20/80

Receipt # 51769

Building Address 20007 Beach

Tract No. Lot No. Bond Permit No.

Owner Pacific Savings

Address

City Tel. No.

Contractor Hamilton Plumbing Co.

Address 1354 Lawson Ave.

City L.B. Tel No. 595-5166

State Lic. No. 205804 City Lic. No. A048634

Use of Building Remodel

New Building ☐ Old Building ☐

Remarks:

Approval	Date	Inspector
Ground Plumbing	2-22-80	[illegible]
Rough Plumbing	2-28-80	[illegible]
Gas Piping		
Ground Water		
Cesspool		
Septic Tank		
Sewer		
Gas Test		
Utility Co. Notified		
Final	3-28-80	[illegible]

INSPECTOR

1

MECHANICAL PERMIT

M 70790

CITY OF HUNTINGTON BEACH
DEPARTMENT OF
DEVELOPMENT SERVICES
P.O. BOX 190 CALIFORNIA 92648
(714) 536-5241

PERMIT FEES	Each	No.	Fees	
RESIDENTIAL				
Area Sq. Ft. (New Work)	.006			
Metal Fireplace	3.60			
Cooking Hood	3.60			
Refrigeration Systems	4.80			
Appliance Vents	2.40			
Repairs, Additions to, or Alterations				
Forced-Air Units	4.80			
Compressors BTU HP				
Gas Piping	2.40			
Wall Heater	4.80			
Solar Heat Sq. Ft.				
Sheet Metal	2.40			
Duct Extension	4.80		4	80
Fire Sprinkler System				
Fire Protective Systems				
Evaporative Cooler	3.60			
Issuance of Permit			3	.60
TOTAL FEE			8	40

I have read this application and agree to comply with all local and state laws applicable to building construction.

☑ 1. I am validly registered and licensed as required by the City of Huntington Beach and the State of California, or
☐ 2. I am the legal owner of the above described property.

I have filed with the City of Huntington Beach:

☐ 1. A certificate of consent to self-insure issued by the Director of Industrial Relations, or
☐ 2. A certificate of workers' compensation insurance issued by an admitted insurer, or
☐ 3. An exact copy or duplicate thereof certified by the Director or the insurer, or
☑ 4. I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers compensation laws of the State of California.

I certify (or declare) under penalty of perjury that the foregoing is true and correct, and this declaration was executed on the 7 day of March, 198[illegible] at Huntington Beach, California.

[signature]
Applicant

If work is not commenced 120 days from date of issue of this permit, or if work is abandoned for more than 120 days, this permit shall be null and void.

Approved by

Issued by [signature] Date 3/7/80

Receipt # 52081

Building Address 2002 BLOOMHURST

Tract No. Lot No. Build Permit No.

Owner DOWNEY SAVINGS & LOAN ASSN

Address

City Tel. No.

Contractor HENDEY ENGINEERING

Address 10027 TRISTAR DR

City DOWNEY 90240 Tel No 213-862-9414

State Lic. No C20 172002 City Lic. No. 17689

Use of Building BANK

New Building ☐ Old Building ✓

Remarks: RELOCATE DUCTWORK TO ACCOMODATE BUILDING CHANGES

Approvals	Date	Inspector
Rough Heating	3-28-80	[signature]
FINAL HEATING	3-28-80	[signature]

INSPECTOR

1

BUILDING PERMIT

A 35232

CITY OF HUNTINGTON BEACH
DEPARTMENT OF
DEVELOPMENT SERVICES
P.O. BOX 190 • CALIFORNIA 92648
(714) 536-5241

Applicant to fill in area within heavy lines only.

BUILDING ADDRESS: 20002 BROOKHURST

Lot No.	Tract No.	Block No.

Owner: DOWNEY SAVINGS & LOAN ASSOC.
Address: 3200 BRISTOL — Tel. No. 549-8811
City: COSTA MESA — State: CA — Zip: 92626
Contractor: FRANK MOMOT ASSOC. owner — Tel. No. (213) 562-3497
Address: 1585 E. EDNA PL. — State Lic. No. 370965
City: IRWINDALE, CA — City Lic. No. 17448
Architect or Engineer: WILLIAM J. CORREIA — Tel. No. 538-8010
Address: 1107 E. CHAPMAN — Lic. No. 2132
City: ORANGE — State: CA — Zip: 92666

Sq. Ft. Living	No. of Stories 2	No. of Families 1	Check One
Sq. Ft. Garage	Description of Work: REMOVE STRUCTURAL WALL, ADD STEEL VAULT		NEW ☐
			ADD ☐
			ALTER ☒
			REPAIR ☐
Use of Building: OFFICE			DEMOL. ☐
Valuation (Including Labor & Mat.) $ [illegible]			RELOCATE ☐

I have read this application and agree to comply with all local and state laws applicable to building construction.
☒ 1. I am validly registered and licensed as required by the City of Huntington Beach and the State of California, or
☐ 2. I am the legal owner of the above described property.
I have filed with the City of Huntington Beach
☐ 1. A certificate of consent to self-insure issued by the Director of Industrial Relations, or
☒ 2. A certificate of workers' compensation insurance issued by an admitted insurer, or
☐ 3. An exact copy or duplicate thereof certified by the Director or the insurer, or
☒ I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers compensation laws of the State of California.
I certify (or declare) under penalty of perjury that the foregoing is true and correct, and this declaration was executed on the 22 day of February, 1980 at Huntington Beach, California

[signature]
Applicant

If work is not commenced 120 days from date of issue of this permit, or if work is abandoned for more than 120 days, this permit shall be null and void.

Building Address: 20002 Brookhurst	Plan Check No. 10319
Occupancy: Gro. E Div. 2	Type of Construction: V-N
Occ. Load: 3	
Use Zone: C4	Use: Comm
Parking Spaces Required	
Planning Action	Coastal Permit Zone ☐ Yes ☒ No
Land Use Approved By [illegible] Date 1-24-80	FEES: Permit 20 $ 296.40
Permit Authorized By [illegible] Date 2-26-80	Plan Check $ 444.20
Permit Issued By B Date 5-8-80	Conservation $ 72.60
Receipt No. 51822	TOTAL $ 1,915
Community Enrichment Library Fee: Sq. Ft. ____ Fee $ ____	
Remarks: PC pd 1/24/80 # 51292	

Inspection Record

Approval	Date	Inspector
Foundation and Location	3-3-80	[illegible]
Floor Slabs		
Sheathing		
Framing		
Lath or Drywall		
Brown Coat		
Parking		
Landscaping		
Land Use Conditions		
Final	4-2-80	Paul
Utility Release		

INSPECTOR

1

BUILDING PERMIT A 35370

Applicant to fill in area within heavy lines only.

CITY OF HUNTINGTON BEACH
DEPARTMENT OF
DEVELOPMENT SERVICES
P.O. BOX 190 CALIFORNIA 92648
(714) 536-5241

BUILDING ADDRESS 20002 BROOKHURST

Lot No.	Tract No.	Block No.
Owner DOWNEY SAVINGS & LOAN		
Address 3200 BRISTOL	Tel. No. 549-8811	
City COSTA MESA	State CA	Zip 92626
Contractor FRANK MOMOT	Tel. No. (213) 862-3497	
Address 15855 EDNA #7	State Lic. No. 370965	
City LOWNDALE	City Lic. No. 17748	
Architect or Engineer	Tel. No.	
Address	Lic. No.	
City	State	Zip

Sq. Ft. Living	No. of Stories	No. of Families
Sq. Ft. Garage	Description of Work Remodel partitions, electrical, plumbing	
Use of Building OFFICE		
Valuation (Including Labor & Mat.) $52,000.00		

Chock One
- NEW ☐
- ADD ☐
- ALTER ☒
- REPAIR ☐
- DEMOL. ☐
- RELOCATE ☐

I have read this application and agree to comply with all local and state laws applicable to building construction.
☐ 1. I am validly registered and licensed as required by the City of Huntington Beach and the State of California, or
☒ 2. I am the legal owner of the above described property.

I have filed with the City of Huntington Beach:
☐ 1. A certificate of consent to self-insure issued by the Director of Industrial Relations, or
☒ 2. A certificate of workers' compensation insurance issued by an admitted insurer, or
☐ 3. An exact copy or duplicate thereof certified by the Director or the insurer, or
☐ 4. I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers compensation laws of the State of California.

I certify (or declare) under penalty of perjury, that the foregoing is true and correct, and this declaration was executed on the 1 day of Feb, 1980 at Huntington Beach, California.

Phillip Donald
Permittee

If work is not commenced 120 days from date of issue of this permit, or if work is abandoned for more than 120 days, this permit shall be null and void.

Building Address 20002 Brookhurst		Plan Check No. 70,319
Occupancy Grp F Div 2	Type of Construction V-N	Occ. Load 28
Use Zone C-4	Use Comm'l	Parking Spaces Required
Planning Action —		Coastal Permit Zone ☐ Yes ☒ No
Land Use Approval By JM Date 2-7-80		FEES: Permit $229.20
Permit Authorized By FM Date 2-8-80		Plan Chk* $114.60
Permit Issued By B Date 2-19-80		Conservation $ 3.64
Receipt No. 51736		TOTAL $ 271.84
Community Enrichment Library Fee: Sq. Ft. ____ Fee $ ____		

Remarks:

Credit 75.60 from P.C. fee
Owing 39.00 *

Inspection Record

Approval	Date	Inspector
Foundation and Location		
Floor Slabs		
Sheathing		
Framing Partial - 2-29-80		
Lath or Drywall		
Brown Coat		
Parking		
Landscaping		
Land Use Conditions		
Final	4-28-80	Paul
Utility Release		

INSPECTOR

1

ELECTRICAL PERMIT

19674

CITY OF HUNTINGTON BEACH
DEPARTMENT OF
DEVELOPMENT SERVICES
P.O. BOX 190 • CALIFORNIA 92648
(714) 536-5241

Applicant to fill in area within heavy lines only.

ITEM				EACH	FEES
RESIDENTIAL Area Sq. Ft. (Fixtures & Outlets)				.0160	
FIXTURES 16	1 to 20		16	.30	4.80
	Over 20			.18	
OUTLETS 54	1 to 20		54	.30	16.20
	Over 20			.18	
Garbage Disp.	1				2.40
Compactor		Unit Htr.			
Range	1	Dryer			2.40
Dishwasher		Water Soft.			
Water Heater		Micro Oven			
Furnace		Vac. System		7.40	
Oven		L.D.O.			
Washer		Kit. Fd. Ctr.			
Air Conditioner		Hoods, Fans	2		4.80
Time Clock				1.50	
Radiant Ceiling Heat Per Room				1.80	
Light Fixture on Pole				1.80	
Add'l Fixtures on Same Pole				.60	
Generators, Motors & Transformers					
KWHP or KVA		H.P.			
0 - 1	2.40	50.1 - 100		12.00	
1.1 - 5	4.20	100.1 - 500		18.00	
5.1 - 15	6.00	Over 501		24.00	
15.1 - 50	7.80				
TEMPORARY SERVICE					
Work with Service				30.00	
Construction Pole				3.60	
Meters				7.20	
SUB PANEL				4.20	
Signs, each				6.00	
Issuance of Permit					3.60
TOTAL FEE				$	34.20

Approved by _____
Issued by _____ Date 2/25/80
Receipt # 51850

Building Address 20002 BROOKHURST
Lot No. _____ Tract No. _____ Build. Permit No. _____
Owner DOWNEY SAVINGS & LOAN ASSOC.
Address 3200 BRISTOL ST.
City COSTA MESA Tel. No. 549-8811
Contractor SENTINEL ENGINEERING
Address 9125 Los Coyotes
City LAKEWOOD Tel. No. 213 429-7366
State Lic. No. 196784 City Lic. No. 17567
Use of Building
New Building ☐ Old Building ☒

APPROVALS

	DATE	INSPECTOR
Conduit		
Wiring	3-20-80	[illegible]
Fixtures		
Power		
Final	3-27-80	[illegible]
Util. Co. Notified		

I have read this application and agree to comply with all local and state laws applicable to building construction.
☒ 1. I am validly registered and licensed as required by the City of Huntington Beach and the State of California, or
☐ 2. I am the legal owner of the above described property.
I have filed with the City of Huntington Beach:
☐ 1. A certificate of consent to self-insure issued by the Director of Industrial Relations, or
☐ 2. A certificate of workers' compensation insurance issued by an admitted insurer, or
☒ 3. An exact copy or duplicate thereof certified by the Director or the insurer, or
☐ 4. I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers compensation laws of the State of California.
I certify (or declare) under penalty of perjury that the foregoing is true and correct, and this declaration was executed on the 25 day of FEB, 1980 at Huntington Beach, California.
Charles Eppinger
Permittee

If work is not commenced within 120 days from date of issue of this permit, or if work is abandoned for more than 120 days, this permit shall be null and void.

INSPECTOR

1

A 49934

BUILDING PERMIT

CITY OF HUNTINGTON BEACH
DEPARTMENT OF
DEVELOPMENT SERVICES
P.O. BOX 190 · CALIFORNIA 92648
(714) 536-5241

Applicant to fill in area within heavy lines only.

BUILDING ADDRESS: 20002 BROOKHURST			
Lot No.	Tract No.	Block No.	
Owner: DOWNEY SAVINGS			
Address: 3200 BRISTOL		Tel. No. 549-8811	
City: COSTA MESA	State: CA.	Zip: 92626	
Contractor: THE O'CAMPO CORP.		Tel. No. (714) 598-7007	
Address: 973 FAIRWAY DR.		State Lic. No. 166187	
City: WALNUT, CA 91789		City Lic. No. A068414	
Architect or Engineer: OWNER		Tel. No.	
Address: (ABOVE)		Lic. No.	
City	State	Zip	
Sq. Ft. ~~Living~~ 3540	No. of Stories	No. of Families	
Sq. Ft. Garage	Description of Work: TENANT IMPROVEMENT		
Use of Building: OFFICE			
Valuation (Including Labor & Mat.): $ 24,000			

Check One: NEW ☐ ADD ☐ ALTER ☒ REPAIR ☐ DEMOL. ☐ RELOCATE ☐

Suite "D" 2nd Flor.

Building Address: 20002 BROOKHURST			Plan Check No. 12222
Occupancy Grp: B Div. 2	Type of Construction: II		Occ. Load
Use Zone: C-1	Use: COMM		Parking Spaces Required
Planning Action			Coastal Permit Zone ☐ Yes ☐ No
Land Use Approved By: [illegible] Date: 6-28-83			FEES: Permit $164.50
Permit Authorized By: [illegible] Date: 6-28-83			Plan Check $107.00
Permit Issued By: [illegible] Date: 7/15/83			Conservation $ 1.68
Receipt No. 1-88644/88712			TOTAL $
Community Enrichment Library Fee: Sq. Ft. _____ Fee $ _____			
Remarks:			

pl Ck pd 6/20/83 #18845

I have read this application and agree to comply with all local and state laws applicable to building construction.

☒ 1. I am validly registered and licensed as required by the City of Huntington Beach and the State of California, or
☐ 2. I am the legal owner of the above described property.

I have filed with the City of Huntington Beach:

☐ 1. A certificate of consent to self-insure issued by the Director of Industrial Relations, or
☒ 2. A certificate of workers' compensation insurance issued by an admitted insurer, or
☐ 3. An exact copy or duplicate thereof certified by the Director or the insurer, or
☐ 4. I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers compensation laws of the State of California.

I certify (or declare) under penalty of perjury that the foregoing is true and correct, and this declaration was executed on the 30 day of JUNE, 1983 at Huntington Beach, California.

Contractor

If work is not commenced 180 days from date of issue of this permit, or if work is abandoned for more than 180 days, this permit shall be null and void.

Inspection Record

Approval	Date	Inspector
Foundation and Location		
Floor Slabs		
Sheathing		
Framing	7-11-83	Paul
Lath or Drywall	7-13-83	Paul
Brown Coat		
Parking		
Landscaping		
Land Use Conditions		
Final	9.6.83	Vogel
Utility Release		

INSPECTOR

1

PLUMBING PERMIT P 32840 426

CITY OF HUNTINGTON BEACH
DEPARTMENT OF
DEVELOPMENT SERVICES
P.O. BOX 190 · CALIFORNIA 92648
(714) 536-5241

PERMIT FEES				
TYPE OF FIXTURE OR ITEM	Each	No.	Fees	
Water Closet (Toilet)	4.00			
House Sewer (see reverse)	10.00			
Bath Tub	4.00			
Shower	4.00			
Lavatory (Wash Basin)	4.00		4	30
Kitchen Sink and Garbage Disposal	4.00		~~4~~	~~00~~
Gas Piping 5 or Less Outlets	5.00			
Gas Piping over 5 Outlets - Ea.	1.00			
Water Heater	5.00			
Dish Washer	4.00			
Urinal	4.00			
Lawn Sprinklers - 50 Heads or Less	6.00			
Automatic Washing Machine	4.00			
Water Softeners	5.00			
Water Distribution	5.00			
P-Trap/Anti Siphon	5.00			
Roof Drains - Per Drain	4.00			
Floor Sinks or Drains	4.00			
Number of Gas Meters	N.C.			
Cond. Drain			4	30
Re Route			~~4~~	~~00~~
Issuance of Permit			10	.00
TOTAL FEE		19.00	~~15~~	~~00~~

I have read this application and agree to comply with all local and state laws applicable to building construction.

☐ 1. I am validly registered and licensed as required by the City of Huntington Beach and the State of California, or.

☐ 2. I am the legal owner, or agent/of the above described property. I have filed with the City of Huntington Beach:

☐ 1. A certificate of consent to self-insure issued by the Director of Industrial Relations, or

☐ 2. A certificate of workers' compensation insurance issued by an admitted insurer, or

☐ 3. An exact copy or duplicate thereof certified by the Director or the insurer, or

☐ 4. I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers compensation laws of the State of California.

I certify (or declare) under penalty of perjury that the foregoing is true and correct, and this declaration was executed on the ____ day of July, 19 83 in Huntington Beach, California.

Permittee

If work is not commenced 180 days from date of issue of this permit, or if work is abandoned for more than 180 days, this permit shall be null and void.

Approved by

Issued by Date 7/8/83

Receipt # 158796

Building Address 20002 Brookhurst "D"

Tract No. Lot No. Bldg Permit No.

Owner: Downey S&L

Address

City Huntington Beach Tel. No.

Contractor RAFAFS (C.J. Smith Corp)

Address 10591 Garden Grove

City Garden Grove Tel No. 636-5000

State Lic. No. 440 655 City Lic. No. A006102

Use of Building

New Building ☐ Old Building ☐

Remarks:

Approvals	Date	Inspector
Ground Plumbing		
Rough Plumbing	7-12-83	Mayes
Gas Piping		
Ground Water		
Cesspool		
Septic Tank		
Sewer		
Gas Test		
Utility Co. Notified		
Final	8-1-83	Mayes

INSPECTOR

MECHANICAL PERMIT

M 81592

CITY OF HUNTINGTON BEACH
DEPARTMENT OF
DEVELOPMENT SERVICES
P.O. BOX 190 · CALIFORNIA 92648
536-5241

PERMIT FEES	Each	No.	Fees
RESIDENTIAL Area Sq. Ft. (New Work)	x $.00825		
Metal Fireplace	8.00		
Cooking Hood	5.00		
Refrigeration Systems	6.50		
Appliance Vents	3.50		
Forced Air Units	6.50		
Compressors	6.50		
Gas Piping	5.50		
Wall Heater	6.50		
Duct Extension	6.50	4	26 00
Evaporation Cooler	5.00		
Fire Sprinkler System	- VAL $		
Dry Chemical Systems	- VAL $		
Boiler (B.T.U.)			
Solar Heat	5.50		
Storage Tank	5.50		
Plan Check Fee:			
Issuance Fee:	10.00		10 00
TOTAL FEE			36 00

I have read this application and agree to comply with all local and state laws applicable to building construction.

☒ 1. I am validly registered and licensed as required by the City of Huntington Beach and the State of California, or

☐ 2. I am the legal owner of the above described property.

I have filed with the City of Huntington Beach:

☐ 1. A certificate of consent to self-insure issued by the Director of Industrial Relations, or

☒ 2. A certificate of workers' compensation insurance issued by an admitted insurer, or

☐ 3. An exact copy or duplicate thereof certified by the Director of the insurer, or

☐ 4. I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers compensation laws of the State of California.

I certify (or declare) under penalty of perjury that the foregoing is true and correct, and this declaration was executed on the 14 day of July, 1983 at Huntington Beach, California.

Permittee

If work is not commenced 180 days from date of issue of this permit, or if work is abandoned for more than 180 days, this permit shall be null and void.

Approved by

Issued by B Date 7/14/83

Receipt # 188890

Building Address	20002 BROOKHURST "D"
Tract No.	Lot No.	Build Permit No.
Owner	DOWNEY SAVINGS & LOAN ASSN
Address	20002 BROOKHURST
City	H. B. Tel. No. 962-2407
Contractor	HENDRY ENGINEERING
Address	10022 TRISTAN
City	DOWNEY, CA 90240 Tel No. 213-862-9414
State Lic. No.	172002 City Lic. No. 28886
Use of Building	OFFICE & BANK
New Building	Old Building ✓
Remarks:	REARRANGING OUTLETS & THERMOSTATS PLUS ADDING 4 NEW SUPPLY DUCTS,

Approvals	Date	Inspector
Rough Heating	7-19-83	Mayer
Gas Test		
FINAL HEATING	8-1-83	Mayer

INSPECTOR

1

ELECTRICAL PERMIT

E 34183

CITY OF HUNTINGTON BEACH
DEPARTMENT OF
DEVELOPMENT SERVICES
P.O. BOX 190 · CALIFORNIA 92648
(714) 536-5241

ITEM			EACH	FEES	
RESIDENTIAL Area Sq. Ft.			.0275		
FIXTURES 23	1 to 20	20	.55	11	00
25	Over 20	25	.35	8	75
OUTLETS switches 15	1 to 20	20	.55	11	00
	Over 20	2	.35		70
Garbage Disp.					
Compactor	Unit Htr.				
Range	Dryer				
Dishwasher	Water Soft.				
Water Heater	Micro Oven				
Furnace	Vacf System		3.00		
Oven	G.D.O.				
Washer	Kit. Fc. Ctr.				
Air Conditioner	Hoods, Fans				
Time Clock			3.00		
Radiant Ceiling Heat Per Room			2.00		
Light Fixture on Pole			2.00		
Add'l Fixtures on Same Pole			.65		
Generators, Motors & Transformers					
(H.P.) (KW) (KVA) OR (KVAR)					
0 - 1	3.00	50.1 - 100	22.00		
1.1 - 10	5.50	Over 100	33.00		
10.1 - 50	11.00				
TEMPORARY SERVICE					
Work with Service			33.00		
Construction Pole			11.00		
Meters			14.00		
Sub Panel			5.50		
Signs, each			11.00		
PLAN CHECK FEE				7	86
Issuance of Permit			10.00	10	00
TOTAL FEE			$	49	31

Approved by _____
Issued by _____ Date 7/8/83
Receipt # 185771

Building Address 20 SOL BISHOP HURST Suite D
Lot No. _____ Tract No. _____ Build. Permit No. 2-8 [illegible]
Owner DOWNEY SAVINGS
Address 3200 BRISTOL ST.
City C.M. Tel. No. 549-8511
Contractor RUDY'S IND. ELECTRIC
Address 984 GROVE PL.
City C.M. Tel. No. 548-8648
State Lic. No. 342179 City Lic. No. A0 58212
Use of Building
New Building ☐ Old Building ☒

APPROVALS

	DATE	INSPECTOR
Conduit		
Wiring	7-12-83	[illegible]
Fixtures		
Power		
Final	8-15-83	Bellerson
Util. Co. Notified		

I have read this application and agree to comply with all local and state laws applicable to building construction.
☒ 1. I am validly registered and licensed as required by the City of Huntington Beach and the State of California, or
☐ 2. I am the legal owner of the above described property.
I have filed with the City of Huntington Beach:
☐ 1. A certificate of consent to self-insure issued by the Director of Industrial Relations, or
☒ 2. A certificate of workers' compensation insurance issued by an admitted insurer, or
☐ 3. An exact copy or duplicate thereof certified by the Director of the insurer, or
☐ 4. I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers compensation laws of the State of California.
I certify (or declare) under penalty of perjury that the foregoing is true and correct, and this declaration was executed on the 8 day of July, 1983 at Huntington Beach, California.

Permittee

If work is not commenced 180 days from date of issue of this permit, or if work is abandoned for more than 180 days, this permit shall be null and void.

INSPECTOR

1

ELECTRICAL PERMIT

E 36874

CITY OF HUNTINGTON BEACH
DEPARTMENT OF
DEVELOPMENT SERVICES
P.O. BOX 190 - CALIFORNIA 92648
(714) 536-5241

ITEM			EACH	FEES
RESIDENTIAL Area Sq. Ft.			.0275	
FIXTURES	1 to 20		55	
	Over 20		.35	
OUTLETS	1 to 20		.55	
	Over 20		.35	
Garbage Disp.	Outlet 1			3 —
Compactor	Unit Htr.			
Range	Dryer			
Dishwasher	Water Soft.			
Water Heater	Micro Oven			
Furnace	Vac. System		3.00	
Oven	G.D.O.			
Washer	Kit. Fd. Ctr.			
Air Conditioner	Hoods, Fans			
Time Clock			3.00	
Radiant Ceiling Heat Per Room			2.00	
Light Fixture on Pole			2.00	
Add'l Fixtures on Same Pole			.65	
Generators, Motors & Transformers				
(H.P.) (KW) (KVA) OR (KVAR)				
0 - 1	3.00	50.1 - 100	22.00	
1.1 - 10	5.50	Over 100	33.00	
10.1 - 50	11.00			
TEMPORARY SERVICE				
Work with Service			33.00	
Construction Pole			11.00	
Meters			14.00	
Sub Panel			5.50	
Signs, each			11.00	
PLAN CHECK FEE 121.756				
Issuance of Permit			10.00	10 —
TOTAL FEE			$	13 —

Approved by DW Date 3/1/84
Issued by
Receipt # 109534

Building Address 20002 Brookhurst St
Lot No. Tract No. Build. Permit No.
Owner Downey Savings
Address 20002 Brookhurst St
City Huntington Bch Tel. No.
Contractor Raven Industries
Address 1925 Industrial
City Escondido CA Tel. No. 619 743 8022
State Lic. No. 2 [illegible] City Lic. No. 31146
Use of Building office A.T.M.
New Building ☐ Old Building ☒

APPROVALS

	DATE	INSPECTOR
Conduit		
Wiring	4-10-84	Bottom
Fixtures		
Power		
Final	4-16-84	Bottom
Util. Co. Notified		

I have read this application and agree to comply with all local and state laws applicable to building construction.
☒ 1. I am validly registered and licensed as required by the City of Huntington Beach and the State of California, or
☐ 2. I am the legal owner of the above described property.
I have filed with the City of Huntington Beach:
☐ 1. A certificate of consent to self-insure issued by the Director of Industrial Relations, or
☒ 2. A certificate of workers' compensation insurance issued by an admitted insurer, or
☐ 3. An exact copy or duplicate thereof certified by the Director or the insurer, or
☐ 4. I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers compensation laws of the State of California.
I certify (or declare) under penalty of perjury that the foregoing is true and correct, and this declaration was executed on the 1 day of March, 1984 at Huntington Beach, California.

Permittee

If work is not commenced 180 days from date of issue of this permit, or if work is abandoned for more than 180 days, this permit shall be null and void.

INSPECTOR

1

CITY OF HUNTINGTON BEACH

2000 MAIN ST.
HUNTINGTON BEACH, CA 92648

DEPARTMENT OF
DEVELOPMENT SERVICES
P.O. BOX 190 - CALIFORNIA 92648
(714) 536-5241

PLUMBING PERMIT

Permit number: P003070 Bldg.Permit : 000000 PC # Tract NA Lot NA Block NA
Bldg Address: 20002 BROOKHURST
EXIST. BLDG. Building Use : COMM-- PLUMG. REPAIR ONLY

Owner
DOWNEY SAVINGS
SAME AS ABOVE

PH. ( )549-8811

Contractor
(NO CONTRACTOR)

Comments:

Appl.Date 01/21/88 Approved

Issued NB 01/21/88 Issue Receipt # 228327

INSPECTION FEES

Desc	Qty	Amount	Desc	Qty	Amount
Gas Pipng < 6	1	5.50			

Tot Inspection	5.50
Tot Inspct Adj	4.50
Processing	10.00
Total Fees	20.00

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self insure, or a certificate of Workers' Compensation Insurance, or a certified copy thereof (Sec. 3800, Lab. C)

Policy No _____ Company _____

☐ Certified copy is hereby furnished.
☐ Certified copy is filed with the city building inspection department.

Date _____ Applicant _____

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

(This section need not be completed if the permit is for one hundred dollars ($100) or less.) I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to Workers' Compensation Laws.

Date _____ Applicant _____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Worker's Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

LICENSED CONTRACTORS DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Number _____ Lic. Class _____

Contractor _____ Date _____

☐ I am exempt from the licensing requirements as I am a licensed architect or a registered professional engineer acting in my professional capacity (Section 7051, Business and Professions Code)

Lic. or Reg. No. _____ Date _____

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason: (Sec. 7031.5) Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the Contractor's License Law (Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500).):

☐ I am owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale. (Sec. 7044) Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.

☐ I am owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044) Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.

☒ I am exempt under Sec. B & P.C. for this reason

Date 1-21-88 Owner

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name _____

Lender's Address _____

I certify that I have read this application and state that the above information is correct. I agree to comply with all city ordinances and State laws relating to building construction, and hereby authorize representatives of this city to enter upon the above-mentioned property for inspection purposes.

Signature of Applicant or Agent — Date 1-21-88

WHITE COPY - INSPECTOR, BLUE COPY - COUNTY, GOLD COPY - OFFICE, GREEN COPY - APPLICANT
INSPECTOR

Permit number Pu 3070 Address 20002 Brookhurst

INSPECTION APPROVAL

BUILDING PERMIT APPROVALS		
Approval	Init	Date
Foundation		
Floor Slabs		
Sheathing		
Framing		
Lath/Drywall		
Brown Coat		
Parking		
Landscaping		
Landuse Cond.		
Final		
Utility Rel.		

SWIMMING POOL PERMIT APPROVALS		
Approval	Init	Date
O. K. Gunite		
Rough Elec.		
Gas Test		
P Trap		
Elec. Final		
Fencing/Gate		
O. K. Plaster		
Pool Final J-Boxes, Cover		

ELECTRICAL PERMIT APPROVALS		
Approval	Init	Date
Conduit		
Wiring		
Fixtures		
Power		
Final		
Util. Co. Not.		

PLUMBING PERMIT APPROVALS		
Approval	Init	Date
Grnd. Plm.		
Rough Plm.		
Gas Piping		
Grnd. Water		
Cesspool		
Septic Tank		
Sewer		
Gas Test	Mayer	1-27-88
Final	Mayer	1-27-88
Utility Rel.	ek	1-28-88

MECHANICAL PERMIT APPROVALS		
Approval	Init	Date
Rough Heat		
Gas Test		
Final		
Utility Not.		

NO.032851

CITY OF HUNTINGTON BEACH

2000 MAIN ST.
HUNTINGTON BEACH, CA 92648

DEPARTMENT OF
COMMUNITY DEVELOPMENT
P.O. BOX 190 - CALIFORNIA 92648
(714) 536-5241

2000 2 Brookhurst

447

other correction

Final

* * * * * D U P L I C A T E * * * * *
B U I L D I N G P E R M I T

Permit Number: B026755
Bldg. Address: 20002 BROOKHURST
EXIST. BLDG.
Owner:
DOWNEY SAVINGS
BISTOL & JAMB.
NEWPORT BEACH CA
Ph. (714)854-3100

Building Use: COMMERCIAL

Tract: NA

PC # 100 RD #447
Lot: NA Block: NA

Contractor:
K L M, INC.
BOX 1538
BELLFLOWER CA 90707
Ph. (310)866-0716
St. No. 499313 C20 City Lic. A144448
Architect or Engineer:
NA

Comments: INSTALLATION OF THREE AIR CONDITIONING HEATING UNITS ON ROOF
Public Building? NO
Sq. Ft. Living: No. Stories: Valuation: 14000
Garage: No. Families: Bldg. Code: ADD
Desc.: UNITS SHALL NOT EXCEED HEIGHT OF PARAPET WALL
Occ. Group: B2 Constr. Type: VN Occ. Load:
Zone: C4
Census Code: 437 Bldg. Use: COMM Park. Spaces:
Planning Action: Coastal Permit? NO

Appl. Date: 02/12/92 Landuse: WC 02/11/92 Authorized: EJS 02/12/92

Plancheck: PC Receipt #

Issued: JMS 02/12/92 Permit/Receipt # B-026755

PERMIT FEES

DESCRIPTION	AMOUNT	ACCOUNT	DESCRIPTION	AMOUNT	ACCOUNT
INSPECTION	153.00	RAACD23430600	PROCESSING	15.00	RAACD23430600
PLANCHECK	99.45	RAACD23470500	PENALTY	0.00	RAACD23483000
LIBRARY	0.00	RAACD23471100	PARKS & REC.	0.00	RSKCD23435500
CONSERVATION	2.94	GAA 00020116	P/PLANCHECK	0.00	RAACD23133800
Micro Copy	5.00	GUU 00022555			
		TOTAL FEE	275.39		

Issued: JMS 02/12/92 Permit/Receipt # B-026755

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

(This section need not be completed if the permit is for one hundred dollars ($100) or less.)
I certify that in the performance of the work for which this permit is issued I shall not employ any person in any manner so as to become subject to Worker's Compensation Laws

Date _____ Applicant _____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Worker's Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked

LICENSED CONTRACTORS DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect

License Number _____ Lic. Class _____

Contractor _____ Date _____

☐ I am exempt from the licensing requirements as I am a licensed architect or a registered professional engineer acting in my professional capacity (Section 7051, Business and Professions Code)

Lic. or Reg. No. _____ Date _____

THIS BOX FOR REGISTER VALIDATION ONLY

updated permit

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self insure, or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C)

Policy No. _____ Company _____

☐ Certified copy is hereby furnished
☐ Certified copy is filed with the city building inspection department

Date _____ Applicant _____

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason. *(Sec. 7031.5) Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the Contractor's License Law (Chapter 9) (commencing with Section 7000) of Division 3 of the Business and Professions Code, or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500).)*

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044) *Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner/builder will have the burden of proving that he did not build or improve for the purpose of sale.*

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044) *Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.*

☐ I am exempt under Sec. _____, B & PC for this reason _____

Date _____ Owner _____

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.)

Lender's Name _____

Lender's Address _____

I certify that I have read this application and state that the above information is correct. I agree to comply with all city ordinances and State laws relating to building construction, and hereby authorize representatives of this city to enter upon the above mentioned property for inspection purposes.

_____ Signature of Applicant or Agent _____ Date

NO. 032851

If work is not commenced 180 days from date of issue of this permit, or if work is abandoned for more than 180 days, this permit shall be null and void.

WHITE COPY - INSPECTOR, BLUE COPY - COUNTY, GOLD COPY - OFFICE, GREEN COPY - APPLICANT, PINK COPY - TREASURER

FORM 140 Rev. 12.89

INSPECTOR

Permit number BD26755 Address 20002 Brookhurst

INSPECTION APPROVAL

BUILDING PERMIT APPROVALS

Approval	Init	Date
Foundation		
Floor Slabs		
Sheathing		
Framing		
Lath, Drywall		
Brown Coat		
Parking		
Landscaping		
Landuse Cond		
Final	T6.	3.6.92
Utility Rel		

SWIMMING POOL PERMIT APPROVALS

Approval	Init	Date
O. K. Gunite		
Rough Elec.		
Gas Test		
P Trap		
Elec. Final		
Fencing, Gate		
O. K. Plaster		
Pool Final J-Boxes, Cover		

ELECTRICAL PERMIT APPROVALS

Approval	Init	Date
Conduit		
Wiring		
Fixtures		
Power		
[illegible]		
Utility Rel		

PLUMBING PERMIT APPROVALS

Approval	Init	Date
Grnd. Plm.		
Rough Plm.		
Gas Piping		
Grnd. Water		
Cesspool		
Septic Tank		
Sewer		
Gas Test		
Final		
Utility Rel.		

MECHANICAL PERMIT APPROVALS

Approval	Init	Date
Rough Heat		
Gas Test		
Final		
Utility Rel		

NO. 032848

CITY OF HUNTINGTON BEACH

2000 MAIN ST.
HUNTINGTON BEACH, CA 92648

DEPARTMENT OF
COMMUNITY DEVELOPMENT
P.O. BOX 190 - CALIFORNIA 92648
(714) 536-5241

M E C H A N I C A L P E R M I T

Permit Number: M011761 PC # RD #447
Bldg. Address: 20002 BROOKHURST Tract: NA Lot: NA Block: NA
EXIST. BLDG. Building Use: COMMERCIAL

Owner:
DOWNEY SAVINGS
BISTOL & JAMB.
NEWPORT BEACH CA
Ph. (714)854-3100

Contractor:
K L M, INC.
BOX 1538
BELLFLOWER CA 90707
Ph. (310)866-0716
St. No. 49931-3 C20 City Lic. A144448

Comments: REPLACEMENT UNITS

Appl. Date: 02/12/92 Approved:

Issued: JMS 02/12/92 Permit/Receipt # M-011761

INSPECTION FEES

Description	Qty	Amount	Description	Qty	Amount
F-Air >100,000 BTU	3	33.00	Boil/Com >3 <=15HP	3	49.50
Gas Pipe Outlet	1	5.50			

PERMIT FEES

DESCRIPTION	AMOUNT	ACCOUNT	DESCRIPTION	AMOUNT	ACCOUNT
INSPECTION	88.00	RAACD23430900	PROCESSING	15.00	RAACD23430900
PLANCHECK	0.00	RAACD23430900	PENALTY	0.00	RAACD23430900
FIRE	0.00	RAAFR30170500			
		TOTAL FEE	103.00		

Issued: JMS 02/13/92 Permit/Receipt # M-011761

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

(This section need not be completed if the permit is for one hundred dollars ($100) or less.)
I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to Worker's Compensation Laws.

Date _____ Applicant _____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Worker's Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

LICENSED CONTRACTORS DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Number _____ Lic Class _____
Contractor _____ Date _____
☐ I am exempt from the licensing requirements as I am a licensed architect or a registered professional engineer acting in my professional capacity (Section 7051 Business and Professions Code)
Lic or Reg No _____ Date _____

THIS BOX FOR REGISTER VALIDATION ONLY

2043/70 12Feb92 001/10 $103.00 M011761 BUILDING

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C)
Policy No _____ Company _____
☐ Certified copy is hereby furnished
☐ Certified copy is filed with the city building inspection department
Date 2-12-92 Applicant Glen A. Sarris

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason. *(Sec. 7031.5) Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the Contractor's License Law (Chapter 9) (commencing with Section 7000) of Division 3 of the Business and Professions Code, or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500).]*

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, *Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner/builder will have the burden of proving that he did not build or improve for the purpose of sale.*)

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, *Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.*)

☐ I am exempt under Sec. _____ B. & P.C. for this reason _____
Date _____ Owner _____

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.)
Lender's Name _____
Lender's Address _____
I certify that I have read this application and state that the above information is correct. I agree to comply with all city ordinances and State laws relating to building construction, and hereby authorize representatives of this city to enter upon the above mentioned property for inspection purposes.

Glen A. Sarris 2-12-92
Signature of Applicant or Agent Date

NO. 032848

If work is not commenced 180 days from date of issue of this permit, or if work is abandoned for more than 180 days, this permit shall be null and void.

WHITE COPY - INSPECTOR, BLUE COPY - COUNTY, GOLD COPY - OFFICE, GREEN COPY - APPLICANT, PINK COPY - TREASURER

FORM 140-Rev. 12/89

INSPECTOR

Permit number M011761 Address 20002 Brookhurst

INSPECTION APPROVAL

BUILDING PERMIT APPROVALS

Approval	Init	Date
Foundation		
Floor Slabs		
Sheathing		
Framing		
Lath Tag and		
Brown Coat		
Plastering		
Landscaping		
Landuse Cond.		
Final		
Utility Rel		

SWIMMING POOL PERMIT APPROVALS

Approval	Init	Date
O. K. Gunite		
Rough Elec		
Gas Test		
P Trap		
Elec. Final		
Fencing Gate		
O. K. Plaster		
Pool Final J Boxes Cover		

ELECTRICAL PERMIT APPROVALS

Approval	Init	Date
Conduit		
Wiring		
Fixtures		
Power		
Final		
Utility Rel		

PLUMBING PERMIT APPROVALS

Approval	Init	Date
Grnd. Plm		
Rough Plm		
Gas Piping		
Grnd. Water		
Cesspool		
Septic Tank		
Sewer		
Gas Test		
Final		
Utility Rel		

MECHANICAL PERMIT APPROVALS

Approval	Init	Date
Rough Heat		
Gas Test	7K	3-1-22
Final	7K	3-2-22
Utility Rel		

NO. 032849

CITY OF HUNTINGTON BEACH

2000 MAIN ST.
HUNTINGTON BEACH, CA 92648

DEPARTMENT OF
COMMUNITY DEVELOPMENT
P.O. BOX 190 - CALIFORNIA 92648
(714) 536-5241

E L E C T R I C A L P E R M I T

Permit Number: E015399 PC # RD #447
Bldg. Address: 20002 BROOKHURST Tract: NA Lot: NA Block: NA
EXIST. BLDG. Building Use: COMMERCIAL

Owner:
DOWNEY SAVINGS
BISTOL & JAMB.
NEWPORT BEACH CA
Ph. (714)854-3100

Contractor:
K L M, INC.
BOX 1538
BELLFLOWER CA 90707
Ph. (310)866-0716
St. No. 499313 C20 City Lic. A144448

Comments: REPLACEMENT UNITS

Appl Date: 02/12/92 Approved:

Issued: JMS 02/12/92 Permit/Receipt # E-015399

INSPECTION FEES

Description	Qty	Amount	Description	Qty	Amount
Outlets 1-20	3	2.25	Generato s/Motors	3	22.50

PERMIT FEES

DESCRIPTION	AMOUNT	ACCOUNT	DESCRIPTION	AMOUNT	ACCOUNT
INSPECTION	24.75	RAACD23430800	PROCESSING	15.00	RAACD23430800
PLANCHECK	0.00	RAACD23430800	PENALTY	0.00	RAACD23430800
		TOTAL FEE	39.75		

Issued: JMS 02/12/92 Permit/Receipt # E-015399

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

(This section need not be completed if the permit is for one hundred dollars ($100) or less.)
I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to Worker's Compensation Laws.

Date _____ Applicant _____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Worker's Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

LICENSED CONTRACTORS DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Number _____ Lic Class _____

Contractor _____ Date _____

☐ I am exempt from the licensing requirements as I am a licensed architect or a registered professional engineer acting in my professional capacity (Section 7051, Business and Professions Code)

Lic Or Reg No. _____ Date _____

THIS BOX FOR REGISTER VALIDATION ONLY

2043/71 12Feb92 001/10 $39.75 E015399 BUILDPERMI

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.)

Policy No. _____ Company _____

☐ Certified copy is hereby furnished

☐ Certified copy is filed with the city building inspection department

Date 2-12-92 Applicant Sylvia A. Sarro

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason: *(Sec. 7031.5, Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the Contractor's License Law (Chapter 9) (commencing with Section 7000) of Division 3 of the Business and Professions Code or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500).)*

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, *Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner/builder will have the burden of proving that he did not build or improve for the purpose of sale.*)

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☐ I am exempt under Sec. _____, B. & P.C. for this reason _____

Date _____ Owner _____

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.)

Lender's Name _____

Lender's Address _____

I certify that I have read this application and state that the above information is correct. I agree to comply with all city ordinances and State laws relating to building construction, and hereby authorize representatives of this city to enter upon the above mentioned property for inspection purposes.

Sylvia A. Sarro 2-12-92
Signature of Applicant or Agent Date

NO. 032849

If work is not commenced 180 days from date of issue of this permit, or if work is abandoned for more than 180 days, this permit shall be null and void.

WHITE COPY - INSPECTOR, BLUE COPY - COUNTY, GOLD COPY - OFFICE, GREEN COPY - APPLICANT, PINK COPY - TREASURER

FORM 140 Rev 12/89

INSPECTOR

Permit number 5015399 Address 20022 Brookhurst

INSPECTION APPROVAL

BUILDING PERMIT APPROVALS

Approval	Init	Date
Foundation		
Floor Slabs		
Sheathing		
Framing		
Lath, Drywall		
Brown Coat		
Roofing		
Landscaping		
Landuse Cond		
Final		
Utility Rel		

SWIMMING POOL PERMIT APPROVALS

Approval	Init	Date
O. K. Gunite		
Rough Elec		
Gas Test		
P Trap		
Elec. Final		
Fencing, Gate		
O. K. Plaster		
Pool Final J Boxes, Cover		

ELECTRICAL PERMIT APPROVALS

Approval	Init	Date
Conduit		
Wiring		
Fixtures		
Power		

* C.T. Lawrence 2-26-92

PLUMBING PERMIT APPROVALS

Approval	Init	Date
Grind. Fixt		
Rough Plmb		
Gas Piping		
Grnd. Water		
Cesspool		
Septic Tank		
Sewer		
Gas Test		
Final		
Utility Rel		

MECHANICAL PERMIT APPROVALS

Approval	Init	Date
Rough Heat		
Gas Test		
Final		
Utility Rel		

* Bond T-conduits, support det #30 at gas 2-26-92 [illegible]

CITY OF HUNTINGTON BEACH

2000 MAIN ST.
HUNTINGTON BEACH, CA 92648

NO. 031604

DEPARTMENT OF
COMMUNITY DEVELOPMENT
P.O. BOX 190 CALIFORNIA 92648
(714) 536 5241

B U I L D I N G P E R M I T

Permit Number: 3025735
Bldg. Address: 20002 BROOKHURST
EXIST. BLDG. Building Use: CO.
Owner:
[illegible]
[illegible]
Ph. ([illegible]

Tract: NA PC # Lot: NA Block: NA

Contractor:
K [illegible], INC.
BOX [illegible]
[illegible] CA [illegible]
Ph. (310) [illegible]-3710
St. No. [illegible] Bldg. Lic. [illegible]
Architect or Engineer
NA

Comments: MOUNT 2 A/C UNITS ON ROOF

Public Building? NO
Sq. Ft. Living: No. Stories: Valuation: 500
Garage: No. Families: Bldg. Code:
Desc.:
Occ. Group: B2 Constr. Type: VN Occ. Load:
Zone: B2
Census Code: 999 Bldg. Use: COMM Park. Spaces:
Planning Action: Coastal Permit? NO

Appl. Date: 11/22/91 Landuse: Authorized:

Plancheck: PC Receipt #

Issued: GHG 11/22/91 Permit/Receipt # 3-025735

PERMIT FEES

DESCRIPTION	AMOUNT	ACCOUNT	DESCRIPTION	AMOUNT	ACCOUNT
INSPECTION	15.00	RAACD23450600	PROCESSING	15.00	RAACD23450600
PLANCHECK	9.75	RAACD23470500	PENALTY	15.00	RAACD23433000
LIBRARY	0.00	RAACD23471100	PARKS & REC.	0.00	RSKCD23435500
CONSERVATION	0.50	GMA 00020110	P/PLANCHECK	0.00	RAACD25133000
Micro Copy	4.00	GUU 00022555			
		TOTAL FEE	59.25		

Issued: GHG 11/22/91 Permit/Receipt # 3-025735 CK 10592

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

(This section need not be completed if the permit is for one hundred dollars ($100) or less.)
I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to Worker's Compensation Laws.

Date _____ Applicant _____

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LICENSED CONTRACTORS DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Number _____ Lic. Class _____
Contractor Glen A Sarri Date 11-22-91
☐ I am exempt from the licensing requirements as I am a licensed architect or a registered professional engineer acting in my professional capacity (Section 7051, Business and Professions Code).
Lic. or Reg. No. _____ Date _____

THIS BOX FOR REGISTER VALIDATION ONLY

3326/19 22Nov
91 001/10 $59
-25 B025735 B
UILDPERMI

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure, or a certificate of Worker's Compensation Insurance, or a certified copy thereof (Sec. 3600, Lab. C.).
Policy No. _____ Company _____
☐ Certified copy is hereby furnished.
☑ Certified copy is filed with the city building inspection department.
Date _____ Applicant _____

OWNER-BUILDER DECLARATION

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Date _____ Owner _____

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).
Lender's Name _____
Lender's Address _____

I certify that I have read this application and state that the above information is correct. I agree to comply with all city ordinances and State laws relating to building construction, and hereby authorize representatives of this city to enter upon the above-mentioned property for inspection purposes.

Glen A Sarri — Signature of Applicant or Agent — 11-22-91 Date

If work is not commenced 180 days from date of issue of this permit, or if work is abandoned for more than 180 days, this permit shall be null and void.

NO. 031604

WHITE COPY - INSPECTOR, BLUE COPY - COUNTY, GOLD COPY - OFFICE, GREEN COPY - APPLICANT, PINK COPY - TREASURER

FORM 140 Rev. 12/89

INSPECTOR

Permit number B25736 Address 20002 Brookhurst

INSPECTION APPROVAL

BUILDING PERMIT APPROVALS

Approval	Init	Date
Foundation		
Floor Slabs		
Sheathing		
Framing		
Lath, Drywall		
Brown Coat		
Painting		
Landscaping		
Landuse Cond		
Final	LB	12-9-91
Utility Rel.		

SWIMMING POOL PERMIT APPROVALS

Approval	Init	Date
O. K. Gunite		
Rough Elec		
Gas Test		
P Trap		
Elec. Final		
Fencing Gate		
O. K. Plaster		
Pool Final J-Boxes, Cover		

ELECTRICAL PERMIT APPROVALS

Approval	Init	Date
Conduit		
Wiring		
Fixtures		
Power		
Final		
Utl. Co. Not		

PLUMBING PERMIT APPROVALS

Approval	Init	Date
Grnd. Plm.		
Rough Plm.		
Gas Piping		
Grnd. Water		
Cesspool		
Septic Tank		
Sewer		
Gas Test		
Final		
Utility Rel.		

MECHANICAL PERMIT APPROVALS

Approval	Init	Date
Rough Heat		
Gas Test		
Final		
Utility Not.		

CITY OF HUNTINGTON BEACH

2000 MAIN ST.
HUNTINGTON BEACH, CA 92648

NO. 031602

DEPARTMENT OF
COMMUNITY DEVELOPMENT
P.O. BOX 190 - CALIFORNIA 92648
(714) 536-5241

M E C H A N I C A L P E R M I T

Permit Number: M011438 Bldg. Permit: B025735 PC # RD #447
Bldg. Address: 20002 BROOKHURST Tract: NA Lot: NA Block: NA
EXIST. BLDG. Building Use: COM

Owner:
DOWNEY SAVINGS &
LOAN ASSOC.
P.O. ( ) 831-5100

Contractor:
[illegible]
[illegible] 90707
[illegible]

Comments: [illegible]

Appl. Date: 11/22/91 Approved: ED

Issued: GHG 11/22/91 Permit/Receipt # M-011438

INSPECTION FEES

Description	Qty	Amount	Description	Qty	Amount
F-Air >100,000 BTU	2	22.00	Boil/Com >5 <=15HP	2	33.00
Gas Pipe Outlet	1	5.50			

PERMIT FEES

DESCRIPTION	AMOUNT	ACCOUNT	DESCRIPTION	AMOUNT	ACCOUNT
INSPECTION	50.50	RAACD2S430900	PROCESSING	15.00	RAACD2S430900
PLANCHECK	0.00	RAACD2S430900	PENALTY	50.50	RAACD2S430900
FIRE	0.00	RAAFR20170500			
		TOTAL FEE	136.00		

Issued: GHG 11/22/91 Permit/Receipt # M-011438 ck 10592

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

(This section need not be completed if the permit is for one hundred dollars ($100) or less.)
I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to Worker's Compensation Laws

Date _____ Applicant _____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption you should become subject to the Worker's Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

LICENSED CONTRACTORS DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect

License Number _____ Lic. Class _____

Contractor Allen G. Sarno Date 11-22-91

☐ I am exempt from the licensing requirements as I am a licensed architect or a registered professional engineer acting in my professional capacity (Section 7051 Business and Professions Code)

Lic. or Reg. No _____ Date _____

THIS BOX FOR REGISTER VALIDATION ONLY

3326/18 22Nov91 001/10 $136.00 M011438 BUILDPERM

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self insure, or a certificate of Workers Compensation Insurance or a certified copy thereof (Sec 3600 Lab C)

Policy No _____ Company _____

☐ Certified copy is hereby furnished

☒ Certified copy is filed with the city building inspection department

Date _____ Applicant _____

If work is not commenced 180 days from date of issue of this permit, or if work is abandoned for more than 180 days, this permit shall be null and void.

OWNER-BUILDER DECLARATION

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☐ I am exempt under Sec. _____ B & PC for this reason _____

Date _____ Owner _____

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec 3097 Civ C)

Lender's Name _____

Lender's Address _____

I certify that I have read this application and state that the above information is correct. I agree to comply with all city ordinances and State laws relating to building construction, and hereby authorize representatives of this city to enter upon the above mentioned property for inspection purposes.

Allen G. Sarno 11-22-91
Signature of Applicant or Agent Date

NO. 031602

WHITE COPY - INSPECTOR, BLUE COPY - COUNTY, GOLD COPY - OFFICE, GREEN COPY - APPLICANT, PINK COPY - TREASURER

FORM 140 Rev 12/89

INSPECTOR

Permit number MD11436 Address 20002 Brookhurst

INSPECTION APPROVAL

BUILDING PERMIT APPROVALS

Approval	Init	Date
Foundation		
Floor Slabs		
Sheathing		
Framing		
Lath Drywall		
Brown Coat		
Parking		
Landscaping		
Landuse Cond.		
Final		
Utility Rel.		

SWIMMING POOL PERMIT APPROVALS

Approval	Init	Date
O. K. Gunite		
Rough Elec.		
Gas Test		
P Trap		
Elec. Final		
Fencing Gate		
O. K. Plaster		
Pool Final J-Boxes, Cover		

ELECTRICAL PERMIT APPROVALS

Approval	Init	Date
Conduit		
Wiring		
Fixtures		
Power		
Final		
Utility Rel.		

PLUMBING PERMIT APPROVALS

Approval	Init	Date
Grnd. Plm.		
Rough Plm.		
Gas Piping		
Grnd. Water		
Cesspool		
Septic Tank		
Sewer		
Gas Test		
Final		
Utility Rel.		

MECHANICAL PERMIT APPROVALS

Approval	Init	Date
Rough Heat		
Gas Test SOAP TEST	ZB	12-5-91
Final	ZB.	12-5-91
Utility Rel.		

20002 Brookhurst

CITY OF HUNTINGTON BEACH

2000 MAIN ST.
HUNTINGTON BEACH, CA 92648

NO. 031521

DEPARTMENT OF
COMMUNITY DEVELOPMENT
P.O. BOX 190 - CALIFORNIA 92648
(714) 536-5241

B U I L D I N G P E R M I T

Permit Number: B025603
Bldg. Address: 20002 BROOKHURST Tract: NA Lot: NA PC # NA BD #447 Block: NA
EXIST. BLDG. Building Use: OFFICES

Owner:
DORNEY SAVINGS & LN
SAME

Contractor:
EVANS ROOFING CO
1131 S. CHESTNUT
SANTA ANA CA 92701
PH. ( )835-1770
ST. No. 000-432837 City Lic. A101774

Architect or Engineer
NA

Comments: TEAR OFF & RE-ROOF BUILT-UP 1,2,1 COMP ROOF 30 SQS

Public Building? NO
Sq. Ft. Living: No. Stories: Valuation: 16000
Garage: No. Families: Bldg. Code:
Desc.:
Occ. Group: Constr. Type: Occ. Load:
Zone: C4FP2
Census Code: 999 Bldg. Use: COMM Park. Spaces:
Planning Action: Coastal Permit? NO

Appl. Date: 11/13/91 Landuse: JH 11/13/91 Authorized: GH 11/13/91

Plancheck: PC Receipt #

Issued: GHG 11/13/91 Permit/Receipt # B-025603

PERMIT FEES

DESCRIPTION	AMOUNT	ACCOUNT	DESCRIPTION	AMOUNT	ACCOUNT
INSPECTION	171.00	RAACD23430600	PROCESSING	18.00	RAACD23430600
PLANCHECK	0.00	RAACD23470500	PENALTY	0.00	RAACD23433000
LIBRARY	0.00	RAACD23471100	PARKS & REC.	0.00	RSKCD23435500
CONSERVATION	3.36	GAA 00020116	P/PLANCHECK	0.00	RAACD23133800
		TOTAL FEE	189.36		

Issued: GHG 11/13/91 Permit/Receipt # B-025603 R 7033

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

(This section need not be completed if the permit is for one hundred dollars ($100) or less.)
I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to Worker's Compensation Laws.

Date _____ Applicant _____

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LICENSED CONTRACTORS DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

Lic. or Reg. No. _____ Lic. Class _____
Contractor _____ Date 11/13/91

☐ I am exempt from the licensing requirements as I am a licensed architect or a registered professional engineer acting in my professional capacity (Section 7051, Business and Professions Code)

Lic. or Reg. No. _____ Date _____

THIS BOX FOR REGISTER VALIDATION ONLY

2317/91 13Nov91 001/10 $189.36 B025603

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure, or a certificate of Worker's Compensation Insurance, or a certified copy thereof (Sec. 3800, Lab. Cd.)

Policy No. _____ Company _____

☐ Certified copy is hereby furnished
☑ Certified copy is filed with the city building inspection department

Date 11/13/91 Applicant _____

If work is not commenced 180 days from date of issue of this permit, or if work is abandoned for more than 180 days, this permit shall be null and void.

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason.
[(Sec. 7031.5) Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the Contractor's License Law (Chapter 9) (commencing with Section 7000) of Division 3 of the Business and Professions Code, or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500).]

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale. (Sec. 7044) *Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner/builder will have the burden of proving that he did not build or improve for the purpose of sale.*

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project. (Sec. 7044) *Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.*

☐ I am exempt under Sec. _____, B & PC for this reason _____

Date _____ Owner _____

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.)

Lender's Name _____
Lender's Address _____

I certify that I have read this application and state that the above information is correct. I agree to comply with all city ordinances and State laws relating to building construction, and hereby authorize representatives of this city to enter upon the above mentioned property for inspection purposes.

X _____ 11/13/91
Signature of Applicant or Agent Date

NO. 031521

WHITE COPY - INSPECTOR, BLUE COPY - COUNTY, GOLD COPY - OFFICE, GREEN COPY - APPLICANT, PINK COPY - TREASURER

FORM 140-Rev. 12/89

INSPECTOR

Permit number B025603 Address 20002 Brookhurst

INSPECTION APPROVAL

BUILDING PERMIT APPROVALS

Approval	Init	Date
Foundation		
Floor Slabs		
Sheathing	Bob	11-14-91
Framing		
Lath Drywall		
Brown Coat		
Parking		
Landscaping		
Landuse Cond.		
Final		12-9-91
Utility Rel		

SWIMMING POOL PERMIT APPROVALS

Approval	Init	Date
O. K. Gunite		
Rough Elec.		
Gas Test		
P Trap		
Elec. Final		
Fencing Gate		
O. K. Plaster		
Pool Final J-Boxes. Cover		

ELECTRICAL PERMIT APPROVALS

Approval	Init	Date
Conduit		
Wiring		
Fixtures		
Power		
Final		
Util. Do. Not		

PLUMBING PERMIT APPROVALS

Approval	Init	Date
Grnd. Plm.		
Rough Plm.		
Gas Piping		
Grnd. Water		
Cesspool		
Septic Tank		
Sewer		
Gas Test		
Final		
Utility Rel.		

MECHANICAL PERMIT APPROVALS

Approval	Init	Date
Rough Heat		
Gas Test		
Final		
Utility Not.		

CITY OF HUNTINGTON BEACH

2000 MAIN ST.
HUNTINGTON BEACH, CA 926[illegible]

NO. 031866

DEPARTMENT OF
COMMUNITY DEVELOPMENT
P.O. BOX 190 - CALIFORNIA 92648
(714) 536-5241

E L E C T R I C A L P E R M I T

Permit Number: 3015001 Bldg. Permit: 3025735 PC # BD #447
Bldg. Address: 20002 BROOKHURST Tract: NA Lot: NA Block: NA
EXIST. BLDG. Building Use: [illegible]
Owner: [illegible]
Contractor: [illegible]
Comments: [illegible]

Appl. Date: 12/12/91 Approved:

Issued: GAG 12/12/91 Permit/Receipt # E-015001

INSPECTION FEES

Description	Qty	Amount	Description	Qty	Amount
Generators/Motors	2	15.00			

PERMIT FEES

DESCRIPTION	AMOUNT	ACCOUNT	DESCRIPTION	AMOUNT	ACCOUNT
INSPECTION	15.00	RA-[illegible]	PERMIT FEE	15.00	RA-[illegible]
PLANCHECK	0.00	RA-[illegible]	[illegible]	0.00	RA-[illegible]
		TOTAL FEE	30.00		

Issued: GAG 12/12/91 Permit/Receipt # E-015001 CL 10677

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

(This section need not be completed if the permit is for one hundred dollars ($100) or less.)
I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to Worker's Compensation Laws.

Date _____ Applicant _____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Worker's Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

LICENSED CONTRACTORS DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect

License Number _____ Lic Class _____

Contractor [signature] Date _____

☒ I am exempt from the licensing requirements as I am a licensed architect or a registered professional engineer acting in my professional capacity (Section 7051, Business and Professions Code)

Lic. or Reg. No. _____ Date _____

THIS BOX FOR REGISTER VALIDATION ONLY

3346/11 12Dec91 001/10 $30.00 E015001 BUILDPERMI

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec 3800, Lab C)

Policy No _____ Company _____

☐ Certified copy is hereby furnished
☒ Certified copy is filed with the city building inspection department

Date _____ Applicant _____

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason. *[(Sec. 7031.5) Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the Contractor's License Law (Chapter 9) (commencing with Section 7000) of Division 3 of the Business and Professions Code, or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500).]*

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale. (Sec. 7044) *Business and Professions Code. The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner/builder will have the burden of proving that he did not build or improve for the purpose of sale.*

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044) *Business and Professions Code. The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.*

☐ I am exempt under Sec _____ B & PC for this reason _____

Date _____ Owner _____

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.)

Lender's Name _____

Lender's Address _____

I certify that I have read this application and state that the above information is correct. I agree to comply with all city ordinances and State laws relating to building construction, and hereby authorize representatives of this city to enter upon the above mentioned property for inspection purposes.

X [signature] 12-12-91
Signature of Applicant or Agent Date

NO. 031866

If work is not commenced 180 days from date of issue of this permit, or if work is abandoned for more than 180 days, this permit shall be null and void.

WHITE COPY - INSPECTOR, BLUE COPY - COUNTY, GOLD COPY - OFFICE, GREEN COPY - APPLICANT, PINK COPY - TREASURER

FORM 140-Rev. 12/89

INSPECTOR

Permit number E015001 Address 20002 Brookhurst

INSPECTION APPROVAL

BUILDING PERMIT APPROVALS

Approval	Init	Date
Foundation		
Floor Slabs		
Sheathing		
Framing		
Lath Drywall		
Brown Coat		
Parking		
Landscaping		
Landuse Cond.		
Final		
Utility Rel.		

SWIMMING POOL PERMIT APPROVALS

Approval	Init	Date
O. K. Gunite		
Rough Elec.		
Gas Test		
P Trap		
Elec. Final		
Fencing Gate		
O. K. Plaster		
Pool Final J-Boxes. Cover		

ELECTRICAL PERMIT APPROVALS

Approval	Init	Date
Rough		
Wiring		
Fixtures		
Power		
Final	Lawrence	12-12-91
Utility Rel.		

PLUMBING PERMIT APPROVALS

Approval	Init	Date
Grnd. Plm.		
Rough Plm.		
Gas Piping		
Grnd. Water		
Cesspool		
Septic Tank		
Sewer		
Gas Test		
Final		
Utility Rel.		

MECHANICAL PERMIT APPROVALS

Approval	Init	Date
Rough Heat		
Gas Test		
Final		
Utility Rel.		

NO. 031603

CITY OF HUNTINGTON BEACH

2000 MAIN ST.
HUNTINGTON BEACH, CA 92648

DEPARTMENT OF
COMMUNITY DEVELOPMENT
P.O. BOX 190 - CALIFORNIA 92648
(714) 536-5241

Field Ok

& 8015001

E L E C T R I C A L P E R M I T

Permit Number: E014894 Bldg. Permit: B025735 PC # Lot: NA Block: NA
Bldg. Address: 20002 BROOKHURST Tract: NA
EXIST. BLDG. Building Use: COM

Owner:
DENNEY SAVINGS &
LOAN ASSOC.

Ph. ( )834-2100

Contractor:
K L M, INC.
BOX 1538
MILLFLOWER CA 90747
Ph. (310)985-0716
Lic. No. 439513 C20 City Lic. A134440

Comments: MOUNT 2 A/C UNITS ON ROOF

Appl. Date: 11/22/91 Approved:

Issued: GHG 11/22/91 Permit/Receipt # E-014894

GHG

INSPECTION FEES

Description	Qty	Amount	Description	Qty	Amount
Outlets 1-20	2	1.50	Subpanel	1	11.00

PERMIT FEES

DESCRIPTION	AMOUNT	ACCOUNT	DESCRIPTION	AMOUNT	ACCOUNT
INSPECTION	15.00	RAACD23430300	PROCESSING	15.00	RAACD23430300
PLANCHECK	0.00	RAACD23430300	PENALTY		
		TOTAL FEE	45.00		

Issued: GHG 11/22/91 Permit/Receipt # E-014894 ck 10592

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

(This section need not be completed if the permit is for one hundred dollars ($100) or less.)
I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to Worker's Compensation Laws.

Date _____ Applicant _____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Worker's Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

LICENSED CONTRACTORS DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Number _____ Lic. Class _____

Contractor Arlen G. Harris Date 11-22-91

☒ I am exempt from the licensing requirements as I am a licensed architect or a registered professional engineer acting in my professional capacity (Section 7051, Business and Professions Code)

Date _____

Lic. or Reg. No _____

THIS BOX FOR REGISTER VALIDATION ONLY

3326/17 22Nov91 001/10 $45.00 E014894 BUILDPERMI

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self insure, or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C)

Policy No _____ Company _____

☐ Certified copy is hereby furnished

☒ Certified copy is filed with the city building inspection department

Date _____ Applicant _____

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason. *[(Sec. 7031.5) Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the Contractor's License Law (Chapter 9) (commencing with Section 7000) of Division 3 of the Business and Professions Code, or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500).]*

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044) *Business and Professions Code. The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner/builder will have the burden of proving that he did not build or improve for the purpose of sale.*

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☐ I am exempt under Sec _____ B & PC for this reason _____

Date _____ Owner _____

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097 Civ. C.)

Lender's Name _____

Lender's Address _____

I certify that I have read this application and state that the above information is correct. I agree to comply with all city ordinances and State laws relating to building construction, and hereby authorize representatives of this city to enter upon the above mentioned property for inspection purposes.

Arlen G. Harris 11-22-91
Signature of Applicant or Agent Date

NO. 031603

If work is not commenced 180 days from date of issue of this permit, or if work is abandoned for more than 180 days, this permit shall be null and void.

WHITE COPY - INSPECTOR, BLUE COPY - COUNTY, GOLD COPY - OFFICE, GREEN COPY - APPLICANT, PINK COPY - TREASURER

FORM 140-Rev. 12/89

INSPECTOR

Permit number E014894 Address 20002 Brookhurst

INSPECTION APPROVAL

BUILDING PERMIT APPROVALS

Approval	Init	Date
Foundation		
Floor Slabs		
Sheathing		
Framing		
1st Drywall		
Brown Coat		
Parking		
Landscaping		
Landuse Cond		
Final		
Utility Rel.		

SWIMMING POOL PERMIT APPROVALS

Approval	Init	Date
O. K. Gunite		
Rough Elec		
Gas Test		
P Trap		
Elec. Final		
Fencing. Gate		
O. K. Plaster		
Pool Final J-Boxes. Cover		

ELECTRICAL PERMIT APPROVALS

Approval	Init	Date
Conduit		
Wires		
Fixtures		
Power		
Final	Lawrence	12-12-91
Utility Not.		

PLUMBING PERMIT APPROVALS

Approval	Init	Date
Grnd. Plm.		
Rough Plm		
Gas Piping		
Grnd. Water		
Cesspool		
Septic Tank		
Sewer		
Gas Test		
Final		
Utility Rel		

MECHANICAL PERMIT APPROVALS

Approval	Init	Date
Rough Heat		
Gas Test		
Final		
Utility Not.		

4206/13 4 $354.00 E039767 BldPrmts
Thu Jul 25, 2002 11:52 AM #21125 01

CITY OF HUNTINGTON BEACH

DEPARTMENT OF BUILDING & SAFETY
2000 Main St., Huntington Beach, CA 92648
(714) 536-5241 Fax 374-1647

HUNTINGTON BEACH

ALL INSPECTION REQUESTS MUST BE RECEIVED BY 4:30 P.M.
FOR THE FOLLOWING DAY'S INSPECTION.

E L E C T R I C A L P E R M I T

Permit Number: E-039767 PC # RD 447
Bldg. Address: 20002 BROOKHURST ST Tract: S0006 Lot: 8 Block: 10
EXIST. BLDG. Building Use: COM -SIGN

Owner:
DOWNEY SAVINGS & LOA
PO BOX 6010
NEWPORT BEACH CA 92658
Ph. (949)509-4205

Contractor:
PROMOTIONAL SIGNS UNLIMI
20361 HERMANA CIRCLE
LAKE FOREST CA 92630
Ph. 949 458 1000 Classes: C45 C61
St.No. 636512 City Lic. A157924

Project Description: INSTALL (4) ILLUM SIGNS W/ CHANNEL LETTERS - SIGNS
REGUALTED BY UP 75-6 "DOWNEY SAVINGS"

Occ. Group: Constr. Type:
Appl. Date: 07/25/2002 Approved: GH

INSPECTION FEES

Description	Qty	Amount	Description	Qty	Amount
Signs	1	74.00	Sign, addtnl Transf	3	90.00

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* * * PERMIT FEES * * *

Description	Amount	Account	Description	Amount	Account
INSPECTION	164.00	1000010042320	ISSUANCE	25.00	1000010047205
PLANCHECK	0.00	1000010047225	PENALTY	164.00	1000010042320
MICRO COPY	1.00	1000010047255			
		TOTAL FEE	354.00		

SEE COMPUTER FOR INSPECT. STATUS

Processed: 07/25/2002 MLD #E-039767 Issued: 07/25/2002 MLD CK# 4987

WORKERS' COMPENSATION DECLARATION

I hereby affirm under penalty of perjury one of the following declarations

☐ I have and will maintain a certificate of consent to self-insure for workers' compensation as provided for by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued

☑ I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued My workers' compensation insurance carrier and policy number are:

Carrier: STATE FUND Policy Number: 478-100

☐ I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions

Date 7/25/02 Applicant

WARNING: FAILURE TO SECURE WORKERS COMPENSATION COVERAGE IS UNLAWFUL, AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS ($100,000), IN ADDITION TO THE COST OF COMPENSATION DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES

LICENSED CONTRACTOR'S DECLARATION

License No. 636512 License Class: C45
Contractor Signature: Date: 7/25/02

If work is not commenced 180 days from date of issue of this permit, or if the work is abandoned for more than 180 days, this permit shall be subject to expiration.

OWNER-BUILDER DECLARATION

I hereby affirm under penalty of perjury that I am exempt from Contractor's License Law for the following reason (section 7031.5, Business and Professions Code Any City or County which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractor's License Law (Chapter 9) (Commencing with Section 7000 of Division 3 of Division of the Business and Professions Code) or that he or she is exempt there from and the basis for the alleged exemption Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than $500)

☐ I as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec 7044, Business and Professions Code The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or herself or through his or her employees, provided that such improvements are not intended or offered for sale If, however, the building or improvement is sold within one year of completion, the owner builder will have the burden of proving that he or she did not build or improve for the purpose of sale)

☐ I as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec 7044, Business and Professions Code The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law)

☐ I am exempt under Sec B & P C for this reason

Date: Owner:

CONSTUCTION LENDING AGENCY

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec 3097, Civ C)

Lender's Name: Address:

I certify that I have read this application and state that the above information is correct I agree to comply with all City and County ordinances and State Laws relating to building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes

Date: 7/25/02 Applicant

4206/14 4 $274.30 B086363 BldPrmts
Thu Jul 25, 2002 11:53 AM #21126 03

CITY OF HUNTINGTON BEACH

DEPARTMENT OF BUILDING & SAFETY
2000 Main St., Huntington Beach, CA 92648
(714) 536-5241 Fax 374-1647

HUNTINGTON BEACH

ALL INSPECTION REQUESTS MUST BE RECEIVED BY 4:30 P.M.
FOR THE FOLLOWING DAY'S INSPECTION.

B U I L D I N G P E R M I T

Permit Number: B-086363 PC #200201404 RD 447
Bldg. Address: 20002 BROOKHURST ST Tract: S0006 Lot: 8 Block: 10
EXIST. BLDG. Building Use: COM -SIGN

Owner:
DOWNEY SAVINGS & LOA
PO BOX 6010
NEWPORT BEACH CA 92658
Ph. (949)509-4205

Contractor:
PROMOTIONAL SIGNS UNLIMI
20361 HERMANA CIRCLE
LAKE FOREST CA 92630
Ph. 949 458 1000 Classes: C45 C61
St.No. 636512 City Lic. A157924

Designer:
NA

Project Description: INSTALL (4) ILLUM SIGNS W/ CHANNEL LETTERS - SIGNS
REGUALTED BY UP 75-6 "DOWNEY SAVINGS"

Sq.Ft. Res/Com:
Garage : No. Stories: Valuation: 6000
Misc. : No. Families: Bldg. Code: SIGN

Occ. Group: Occ. Load: Zone: CG
Public Building? NO Constr. Type:
Census Code: 999 Bldg. Use: COM Park. Spaces:
Entitlement(s): Coastal Permit? NO
Application: 07/23/2002 Plancheck: 07/23/2002 JM #324995
Authorized: Building: 07/24/2002 GH Public Works:
Planning: 07/25/2002 RT Fire Dept:

---

* * * PERMIT FEES * * *

Description	Amount	Account	Description	Amount	Account
INSPECTION	109.52	1000010042310	ISSUANCE	25.00	1000010047205
PLANCHECK	98.57	** PAID **	PENALTY	109.52	1000010048550
LIBRARY	0.00	2050020547320	PARKS & REC.	0.00	2090020947270
CONSERVATION	1.26	1000010020410	P/PLANCHECK	32.86	** PAID **
DEMOLITION	0.00	1000010042310	LIBRARY DEV.	0.00	3020030247115
MICRO COPY	29.00	1000010047255			

TOTAL FEE 274.30

SEE COMPUTER FOR INSPECT. STATUS

Processed: 07/25/2002 RO #B-086363 Issued: 07/25/2002 RO

CK# 4987

WORKERS' COMPENSATION DECLARATION

I hereby affirm under penalty of perjury one of the following declarations

☐ I have and will maintain a certificate of consent to self-insure for workers' compensation as provided for by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued

☐ I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued My workers' compensation insurance carrier and policy number are

Carrier: State Fund Policy Number: 478-100

☐ I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions

Date: 7/25/02 Applicant:

WARNING: FAILURE TO SECURE WORKERS COMPENSATION COVERAGE IS UNLAWFUL, AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS ($100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES

LICENSED CONTRACTOR'S DECLARATION

License No. 636512 License Class: C45

Contractor Signature: Date: 7/25/02

If work is not commenced 180 days from date of issue of this permit, or if the work is abandoned for more than 180 days, this permit shall be subject to expiration.

OWNER-BUILDER DECLARATION

I hereby affirm under penalty of perjury that I am exempt from Contractor's License Law for the following reason (section 7031.5, Business and Professions Code: Any City or County which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractor's License Law (Chapter 9) (Commencing with Section 7000 of Division 3 of Division of the Business and Professions Code) or that he or she is exempt there from and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than $500

☐ I as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or herself or through his or her employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he or she did not build or improve for the purpose of sale.)

☐ I as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.)

☐ I am exempt under Sec. B & P C. for this reason

Date: Owner:

CONSTUCTION LENDING AGENCY

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.)

Lender's Name: Address:

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and County ordinances and State Laws relating to building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes

Date: 7/25/02 Applicant:

CITY OF HUNTINGTON BEACH

DEPARTMENT OF BUILDING & SAFETY

2000 Main St., Huntington Beach, CA 92648

For Inspections Call: (714) 536-5241

Inspector:

Solorzano, Ruben (714) 374-1740

BUILDING PERMIT

Permit Number:	B2002-086363	**Sprinklered?**	No	**Valuation:**	$6,000.00
Date Issued:	07/25/2002	**Zone:**	CG	**Coastal Permit?**	No
Building Address:	20002 Brookhurst St	**Block**	10	**No. Families:**	0
Date Entered:	07/23/2002	**Tract:**	S0006	**No. Stories:**	0
Building Use:	CM	**Lot:**	8	**Public Building?**	No

Owner

DOWNEY SAVINGS & LOAN ASSN
PO BOX 6010
NEWPORT BEACH CA 926
9495094205

Contractor

PROMOTIONAL SIGNS UNLIMITED
20361 HERMANA CIRCLE
LAKE FOREST CA 926300000
9494581000

Project Description: INSTALL (4) ILLUM SIGNS W/ CHANNEL LETTERS - SIGNS REGUALTED BY UP 75-6 "DOWNEY SAVINGS"

Occ. Group	Construction Type	Occupancy Load

Permit Fees:

Inspection:	$109.52	**Park & Rec:**	$0.00	**Microfilm:**	$0.00
Building Plan Review:	$98.57	**Library:**	$0.00	**Penalty:**	$109.52
Planning Plan Review:	$32.86	**Traffic Impact:**	$0.00	**Extension:**	$0.00
Processing:	$25.00	**Dev Impact Fees:**	$0.00	**C/O:**	$0.00
SMIP:	$0.00	**Demolition:**	$0.00	**Permit Total:**	$405.73
				Outstanding Amount:	$0.00

Permit Details

Building	Related Items	Unit Type	Quantity	Permit Fees: Inspection	Plan Review
				$109.52	$98.57

WORKERS' COMPENSATION DECLARATION

I hereby affirm under penalty of perjury one of the following declarations:
[ ] I have and will maintain a certificate of consent to self-insure for workers' compensation as provided for by Section3700 of the Labor Code, for the performance of the work for which this permit is issued.
[ ] I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation policy information is: Carrier: _____ Policy Number: _____ Expires:
Agent:_____ Phone (949) 509-4205
[ ] I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that if I should become subject to the workers' compensation provision of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

WARNING: FAILURE TO SECURE WORKERS COMPENSATION COVERAGE IS UNLAWFUL AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS ($100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3700 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect. License No.: 636512 License Class: C45 C61
Contractor's Signature:_____ Date:_____
IF WORK IS NOT COMMENCED 180 DAYS FROM DATE OF ISSUE OF THIS PERMIT, OR IF THE WORK IS ABANDONED FOR MORE THAN 180 DAYS, THIS PERMIT SHALL BE SUBJECT TO EXPIRATION.

OWNER-BUILDER DECLARATION (Declaration Form Attached)

CONSTRUCTION LENDING AGENCY

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C).
Lender:_____ Address:_____

DECLARATION BY CONSTRUCTION PERMIT APPLICANT

By my signature below, I certify to each of the following: I am
[ ] A California licensed contractor; or
[ ] The property owner*; or
[ ] Authorized to act on the property owner's behalf
I certify that I have read this construction application and that the information I have provided is correct. I agree to comply with all City and County ordinaces and State Laws relating to building construction. I authorize representatives of this City or County to enter upon the above-identified property for inspection purposes.
California Licensed Contractor, Property Owner* or Authorized Agent**

Signature: _____ Date:_____
*Requires separate verification form
**Requires separate authorization form

CITY OF HUNTINGTON BEACH

DEPARTMENT OF BUILDING & SAFETY

2000 Main St., Huntington Beach, CA 92648

For Inspections Call: (714) 536-5241

Inspector:

Benbow, Jeff (714) 536-5680

BUILDING PERMIT

Permit Number:	B2009-003683	**Sprinklered?**	No	**Valuation:**	$52,692.00
Date Issued:	11/06/2009	**Zone:**	CG	**Coastal Permit?**	No
Building Address:	20002 Brookhurst St	**Block**	10	**No. Families:**	
Date Entered:	07/07/2009	**Tract:**	S0006	**No. Stories:**	
Building Use:	C-MISC	**Lot:**	8	**Public Building?**	No

Owner	Contractor	Architect
US BANK 800 NICOLLET MALL MINNEAPOLIS MN 55402 6128722657	A A A PROPERTY SERVICES 10319 NORRIS AVE PACOIMA CA 91331 8188977800	ALIGN ARCH 24762 SAN VINCENT LN MISSION VIEJO CA 92691 9492410265

Project Description: PER COFO CORR'S--02009-001638 - INT.TI.ONLY: CONSTRUCT NON-BEARING PARTITIONS TO CREATE NEW OFFICE AREAS & MODIFICATION OF EXSTG 1-HR CORRIDOR****BANK****US BANK****
PLANS SENT TO SCANNING SM 5/10

Occ. Group	Construction Type	Occupancy Load

Permit Fees:

Inspection:	$611.49	**Park & Rec:**	$0.00	**Microfilm:**	$30.78
Building Plan Review:	$465.18	**Library:**	$0.00	**Penalty:**	$0.00
Planning Plan Review:	$428.45	**Traffic Impact:**	$0.00	**Extension:**	$0.00
Processing:	$31.69	**Dev Impact Fees:**	$0.00	**C/O:**	$0.00
SMIP:	$14.07	**Demolition:**	$0.00	**Permit Total:**	$1,653.49
				Outstanding Amount:	$0.00

Permit Details

Building	Related Items	Unit Type	Quantity	Permit Fees: Inspection	Plan Review
	PER COFO CORR'S--INT.TI.ONLY		1	$611.49	$465.18

WORKERS' COMPENSATION DECLARATION

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[ ] I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation policy information is: Carrier: ZENITH INS CO Policy Number: Z067582705 Expires:
Agent:_____ Phone (612) 872-2657
[ ] I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that if I should become subject to the workers' compensation provision of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

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LICENSED CONTRACTOR'S DECLARATION

I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect. License No.: 733738 License Class: C10, B
Contractor's Signature:_____ Date:_____
IF WORK IS NOT COMMENCED 180 DAYS FROM DATE OF ISSUE OF THIS PERMIT, OR IF THE WORK IS ABANDONED FOR MORE THAN 180 DAYS, THIS PERMIT SHALL BE SUBJECT TO EXPIRATION.

OWNER-BUILDER DECLARATION (Declaration Form Attached)

CONSTRUCTION LENDING AGENCY

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C).
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[ ] The property owner*; or
[ ] Authorized to act on the property owner's behalf
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California Licensed Contractor, Property Owner* or Authorized Agent**

Signature: _____ Date:_____
*Requires separate verification form
**Requires separate authorization form

CITY OF HUNTINGTON BEACH

DEPARTMENT OF BUILDING & SAFETY

2000 Main St., Huntington Beach, CA 92648

For Inspections Call: (714) 536-5241

Inspector:

Solorzano, Ruben (714) 374-1740

ELECTRICAL PERMIT

Permit Number:	E2002-039767	**Sprinklered?**	No	**Valuation:**	$0.00
Date Issued:	07/25/2002	**Zone:**		**Coastal Permit?**	No
Building Address:	20002 Brookhurst St	**Block**	10	**No. Families:**	
Date Entered:	07/25/2002	**Tract:**	S0006	**No. Stories:**	
Building Use:	CM	**Lot:**	8	**Public Building?**	No

Owner

DOWNEY SAVINGS & LOAN ASSN
PO BOX 6010
NEWPORT BEACH CA 926
9495094205

Contractor

PROMOTIONAL SIGNS UNLIMITED
20361 HERMANA CIRCLE
LAKE FOREST CA 926300000
9494581000

Project Description: INSTALL (4) ILLUM SIGNS W/ CHANNEL LETTERS - SIGNS REGUALTED BY UP 75-6 "DOWNEY SAVINGS"

Occ. Group	Construction Type	Occupancy Load

Permit Fees:

Inspection:	$164.00	**Park & Rec:**	$0.00	**Microfilm:**	$0.00
Building Plan Review:	$0.00	**Library:**	$0.00	**Penalty:**	$164.00
Planning Plan Review:	$0.00	**Traffic Impact:**	$0.00	**Extension:**	$0.00
Processing:	$25.00	**Dev Impact Fees:**	$0.00	**C/O:**	$0.00
SMIP:	$0.00	**Demolition:**	$0.00	**Permit Total:**	$354.00
				Outstanding Amount:	$0.00

Permit Details

Electrical	Related Items	Unit Type	Quantity	Permit Fees: Inspection	Plan Review
				$164.00	
	Sign	QTY	1		
	Sign - Trans	QTY	3		

WORKERS' COMPENSATION DECLARATION

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[ ] I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation policy information is: Carrier: _____ Policy Number: _____ Expires:
Agent:_____ Phone (949) 509-4205
[ ] I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that if I should become subject to the workers' compensation provision of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

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Contractor's Signature:_____ Date:_____
IF WORK IS NOT COMMENCED 180 DAYS FROM DATE OF ISSUE OF THIS PERMIT, OR IF THE WORK IS ABANDONED FOR MORE THAN 180 DAYS, THIS PERMIT SHALL BE SUBJECT TO EXPIRATION.

OWNER-BUILDER DECLARATION (Declaration Form Attached)

CONSTRUCTION LENDING AGENCY

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C).
Lender:_____ Address:_____

DECLARATION BY CONSTRUCTION PERMIT APPLICANT

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[ ] Authorized to act on the property owner's behalf
I certify that I have read this construction application and that the information I have provided is correct. I agree to comply with all City and County ordinaces and State Laws relating to building construction. I authorize representatives of this City or County to enter upon the above-identified property for inspection purposes.
California Licensed Contractor, Property Owner* or Authorized Agent**

Signature: _____ Date:_____
*Requires separate verification form
**Requires separate authorization form

CITY OF HUNTINGTON BEACH

DEPARTMENT OF BUILDING & SAFETY

2000 Main St., Huntington Beach, CA 92648

For Inspections Call: (714) 536-5241

Inspector:

Benbow, Jeff (714) 536-5680

ELECTRICAL PERMIT

Permit Number:	E2009-003685	**Sprinklered?**	No	**Valuation:**	$0.00
Date Issued:	11/06/2009	**Zone:**	CG	**Coastal Permit?**	No
Building Address:	20002 Brookhurst St	**Block**	10	**No. Families:**	
Date Entered:	07/07/2009	**Tract:**	S0006	**No. Stories:**	
Building Use:	C-MISC	**Lot:**	8	**Public Building?**	No

Owner	Contractor	Architect
US BANK 800 NICOLLET MALL MINNEAPOLIS MN 55402 6128722657	A A A PROPERTY SERVICES 10319 NORRIS AVE PACOIMA CA 91331 8188977800	ALIGN ARCH 24762 SAN VINCENT LN MISSION VIEJO CA 92691 9492410265

Project Description: ELEC.FOR PER COFO CORR'S--INT.TI.ONLY: CONSTRUCT NON-BEARING PARTITIONS TO CREATE NEW OFFICE AREAS & MODIFICATION OF EXSTG 1-HR CORRIDOR****BANK****US BANK****
PLANS SENT TO SCANNING SM 5/10

Occ. Group	Construction Type	Occupancy Load

Permit Fees:

Inspection:	$43.10	**Park & Rec:**	$0.00	**Microfilm:**	$9.91
Building Plan Review:	$55.17	**Library:**	$0.00	**Penalty:**	$43.10
Planning Plan Review:	$0.00	**Traffic Impact:**	$0.00	**Extension:**	$0.00
Processing:	$31.69	**Dev Impact Fees:**	$0.00	**C/O:**	$0.00
SMIP:	$0.00	**Demolition:**	$0.00		

Permit Total:	$182.97
Outstanding Amount:	$0.00

Permit Details

				Permit Fees: Inspection	Plan Review
Electrical	**Related Items**	**Unit Type**	**Quantity**	$43.10	$53.07
	Fixtures	QTY	12		
	Switches / Outlets	QTY	16		

WORKERS' COMPENSATION DECLARATION

I hereby affirm under penalty of perjury one of the following declarations:
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[ ] I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation policy information is: Carrier: ZENITH INS CO Policy Number: Z067582705 Expires:
Agent:_____ Phone (612) 872-2657
[ ] I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that if I should become subject to the workers' compensation provision of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

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LICENSED CONTRACTOR'S DECLARATION

I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect. License No.: 733738 License Class: C10
Contractor's Signature:_____ Date:_____
IF WORK IS NOT COMMENCED 180 DAYS FROM DATE OF ISSUE OF THIS PERMIT, OR IF THE WORK IS ABANDONED FOR MORE THAN 180 DAYS, THIS PERMIT SHALL BE SUBJECT TO EXPIRATION.

OWNER-BUILDER DECLARATION (Declaration Form Attached)

CONSTRUCTION LENDING AGENCY

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C).
Lender:_____ Address:_____

DECLARATION BY CONSTRUCTION PERMIT APPLICANT

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[ ] Authorized to act on the property owner's behalf
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California Licensed Contractor, Property Owner* or Authorized Agent**

Signature: _____ Date:_____
*Requires separate verification form
**Requires separate authorization form

CITY OF HUNTINGTON BEACH

DEPARTMENT OF BUILDING & SAFETY

2000 Main St., Huntington Beach, CA 92648

For Inspections Call: (714) 536-5241

Inspector:

Benbow, Jeff (714) 536-5680

MECHANICAL PERMIT

Permit Number:	M2009-003684	**Sprinklered?**	No	**Valuation:**	$0.00
Date Issued:	11/06/2009	**Zone:**	CG	**Coastal Permit?**	No
Building Address:	20002 Brookhurst St	**Block**	10	**No. Families:**	
Date Entered:	07/07/2009	**Tract:**	S0006	**No. Stories:**	
Building Use:	C-MISC	**Lot:**	8	**Public Building?**	No

Owner	Contractor	Architect
US BANK 800 NICOLLET MALL MINNEAPOLIS MN 55402 6128722657	A A A PROPERTY SERVICES 10319 NORRIS AVE PACOIMA CA 91331 8188977800	ALIGN ARCH 24762 SAN VINCENT LN MISSION VIEJO CA 92691 9492410265

Project Description: MECH.FOR PER COFO CORR'S--INT.TI.ONLY: CONSTRUCT NON-BEARING PARTITIONS TO CREATE NEW OFFICE AREAS & MODIFICATION OF EXSTG 1-HR CORRIDOR****BANK****US BANK****
PLANS SENT TO SCANNING SM 5/10

Occ. Group	Construction Type	Occupancy Load

Permit Fees:

Inspection:	$29.12	**Park & Rec:**	$0.00	**Microfilm:**	$5.73
Building Plan Review:	$55.17	**Library:**	$0.00	**Penalty:**	$29.12
Planning Plan Review:	$0.00	**Traffic Impact:**	$0.00	**Extension:**	$0.00
Processing:	$31.69	**Dev Impact Fees:**	$0.00	**C/O:**	$0.00
SMIP:	$0.00	**Demolition:**	$0.00	**Permit Total:**	$150.83
				Outstanding Amount:	$0.00

Permit Details

Mechanical	Related Items	Unit Type	Quantity	Permit Fees: Inspection	Plan Review
	HVAC Ducts	QTY	2	$29.12	$51.53

WORKERS' COMPENSATION DECLARATION

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LICENSED CONTRACTOR'S DECLARATION

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Contractor's Signature:_____ Date:_____
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OWNER-BUILDER DECLARATION (Declaration Form Attached)

CONSTRUCTION LENDING AGENCY

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C).
Lender:_____ Address:_____

DECLARATION BY CONSTRUCTION PERMIT APPLICANT

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California Licensed Contractor, Property Owner* or Authorized Agent**

Signature: _____ Date:_____
*Requires separate verification form
**Requires separate authorization form

CITY OF HUNTINGTON BEACH

DEPARTMENT OF BUILDING & SAFETY

2000 Main St., Huntington Beach, CA 92648

For Inspections Call: (714) 536-5241

Inspector:

Benbow, Jeff (714) 536-5680

CERTIFICATE OF OCCUPANCY PERMIT

Permit Number:	O2009-001638	**Sprinklered?**	No	**Valuation:**	$0.00
Date Issued:	05/06/2010	**Zone:**	CG	**Coastal Permit?**	No
Building Address:	20002 Brookhurst St	**Block**	10	**No. Families:**	
Date Entered:	03/25/2009	**Tract:**	S0006	**No. Stories:**	
Building Use:		**Lot:**	8	**Public Building?**	No

Owner

US BANK
800 NICOLLET MALL
MINNEAPOLIS MN 55402
6128722657

Contractor

Project Description: BANK ***US BANK***

Occ. Group	Construction Type	Occupancy Load
B		135

Permit Fees:						
	Inspection:	$0.00	**Park & Rec:**	$0.00	**Microfilm:**	$1.08
	Building Plan Review:	$0.00	**Library:**	$0.00	**Penalty:**	$0.00
	Planning Plan Review:	$0.00	**Traffic Impact:**	$0.00	**Extension:**	$0.00
	Processing:	$0.00	**Dev Impact Fees:**	$0.00	**C/O:**	$156.15
	SMIP:	$0.00	**Demolition:**	$0.00	**Permit Total:**	$157.23
					Outstanding Amount:	$0.00

Permit Details

Certificate of Occupancy	Related Items	Unit Type	Quantity

Permit Fees:	Inspection	Plan Review

WORKERS' COMPENSATION DECLARATION

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CONSTRUCTION LENDING AGENCY

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Lender:_____ Address:_____

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California Licensed Contractor, Property Owner* or Authorized Agent**

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*Requires separate verification form
**Requires separate authorization form

CITY OF HUNTINGTON BEACH

DEPARTMENT OF BUILDING & SAFETY

2000 Main St., Huntington Beach, CA 92648

For Inspections Call: (714) 536-5241

Inspector:

Benbow, Jeff (714) 536-5680

PLUMBING PERMIT

Permit Number:	P2009-003686	**Sprinklered?**	No	**Valuation:**	$0.00
Date Issued:	11/06/2009	**Zone:**	CG	**Coastal Permit?**	No
Building Address:	20002 Brookhurst St	**Block**	10	**No. Families:**	
Date Entered:	07/07/2009	**Tract:**	S0006	**No. Stories:**	
Building Use:	C-MISC	**Lot:**	8	**Public Building?**	No

Owner	Contractor	Architect
US BANK 800 NICOLLET MALL MINNEAPOLIS MN 55402 6128722657	A A A PROPERTY SERVICES 10319 NORRIS AVE PACOIMA CA 91331 8188977800	ALIGN ARCH 24762 SAN VINCENT LN MISSION VIEJO CA 92691 9492410265

Project Description: PLUMB.FOR PER COFO CORR'S--INT.TI.ONLY: CONSTRUCT NON-BEARING PARTITIONS TO CREATE NEW OFFICE AREAS & MODIFICATION OF EXSTG 1-HR CORRIDOR****BANK****US BANK****

Occ. Group	Construction Type	Occupancy Load

Permit Fees:

Inspection:	$29.12	**Park & Rec:**	$0.00	**Microfilm:**	$1.56
Building Plan Review:	$0.00	**Library:**	$0.00	**Penalty:**	$29.12
Planning Plan Review:	$0.00	**Traffic Impact:**	$0.00	**Extension:**	$0.00
Processing:	$31.69	**Dev Impact Fees:**	$0.00	**C/O:**	$0.00
SMIP:	$0.00	**Demolition:**	$0.00	**Permit Total:**	$91.49
				Outstanding Amount:	$0.00

Permit Details

Plumbing	Related Items	Unit Type	Quantity	Permit Fees: Inspection	Plan Review
	Kitchen sink or Service sink	QTY	1	$29.12	

WORKERS' COMPENSATION DECLARATION

I hereby affirm under penalty of perjury one of the following declarations:
[ ] I have and will maintain a certificate of consent to self-insure for workers' compensation as provided for by Section3700 of the Labor Code, for the performance of the work for which this permit is issued.
[ ] I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation policy information is: Carrier: ZENITH INS CO Policy Number: Z067582705 Expires:
Agent:_____ Phone (612) 872-2657
[ ] I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that if I should become subject to the workers' compensation provision of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

WARNING: FAILURE TO SECURE WORKERS COMPENSATION COVERAGE IS UNLAWFUL AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS ($100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3700 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect. License No.: 733738 License Class: C10
Contractor's Signature:_____ Date:_____
IF WORK IS NOT COMMENCED 180 DAYS FROM DATE OF ISSUE OF THIS PERMIT, OR IF THE WORK IS ABANDONED FOR MORE THAN 180 DAYS, THIS PERMIT SHALL BE SUBJECT TO EXPIRATION.

OWNER-BUILDER DECLARATION (Declaration Form Attached)

CONSTRUCTION LENDING AGENCY

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C).
Lender:_____ Address:_____

DECLARATION BY CONSTRUCTION PERMIT APPLICANT

By my signature below, I certify to each of the following: I am
[ ] A California licensed contractor; or
[ ] The property owner*; or
[ ] Authorized to act on the property owner's behalf
I certify that I have read this construction application and that the information I have provided is correct. I agree to comply with all City and County ordinaces and State Laws relating to building construction. I authorize representatives of this City or County to enter upon the above-identified property for inspection purposes.
California Licensed Contractor, Property Owner* or Authorized Agent**

Signature: _____ Date:_____
*Requires separate verification form
**Requires separate authorization form

4206/14 4 $274.30 B086363 BldPrmts
Thu Jul 25, 2002 11:53 AM #21126 03

CITY OF HUNTINGTON BEACH

DEPARTMENT OF BUILDING & SAFETY
2000 Main St., Huntington Beach, CA 92648
(714) 536-5241 Fax 374-1647

HUNTINGTON BEACH

ALL INSPECTION REQUESTS MUST BE RECEIVED BY 4:30 P.M.
FOR THE FOLLOWING DAY'S INSPECTION.

B U I L D I N G P E R M I T

Permit Number: B-086363 PC #200201404 RD 447
Bldg. Address: 20002 BROOKHURST ST Tract: S0006 Lot: 8 Block: 10
EXIST. BLDG. Building Use: COM -SIGN

Owner:
DOWNEY SAVINGS & LOA
PO BOX 6010
NEWPORT BEACH CA 92658
Ph. (949)509-4205

Contractor:
PROMOTIONAL SIGNS UNLIMI
20361 HERMANA CIRCLE
LAKE FOREST CA 92630
Ph. 949 458 1000 Classes: C45 C61
St.No. 636512 City Lic. A157924

Designer:
NA

Project Description: INSTALL (4) ILLUM SIGNS W/ CHANNEL LETTERS - SIGNS REGUALTED BY UP 75-6 "DOWNEY SAVINGS"

Sq.Ft. Res/Com:
Garage : No. Stories: Valuation: 6000
Misc. : No. Families: Bldg. Code: SIGN

Occ. Group: Occ. Load: Zone: CG
Public Building? NO Constr. Type:
Census Code: 999 Bldg. Use: COM Park. Spaces:
Entitlement(s): Coastal Permit? NO
Application: 07/23/2002 Plancheck: 07/23/2002 JM #324995
Authorized: Building: 07/24/2002 GH Public Works:
Planning: 07/25/2002 RT Fire Dept:

---

* * * PERMIT FEES * * *

Description	Amount	Account	Description	Amount	Account
INSPECTION	109.52	1000010042310	ISSUANCE	25.00	1000010047205
PLANCHECK	98.57	** PAID **	PENALTY	109.52	1000010048550
LIBRARY	0.00	2050020547320	PARKS & REC.	0.00	2090020947270
CONSERVATION	1.26	1000010020410	P/PLANCHECK	32.86	** PAID **
DEMOLITION	0.00	1000010042310	LIBRARY DEV.	0.00	3020030247115
MICRO COPY	29.00	1000010047255			
		TOTAL FEE	274.30		

SEE COMPUTER FOR INSPECT. STATUS

Processed: 07/25/2002 RO #B-086363 Issued: 07/25/2002 RO CK# 4087

WORKERS' COMPENSATION DECLARATION

I hereby affirm under penalty of perjury one of the following declarations

☐ I have and will maintain a certificate of consent to self-insure for workers' compensation as provided for by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued

☐ I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued My workers' compensation insurance carrier and policy number are

Carrier: State Fund Policy Number: 478-100

☐ I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions

Date: 7/25/02 Applicant:

WARNING: FAILURE TO SECURE WORKERS COMPENSATION COVERAGE IS UNLAWFUL, AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS ($100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES

LICENSED CONTRACTOR'S DECLARATION

License No: 636512 License Class: C45

Contractor Signature: Date: 7/25/02

If work is not commenced 180 days from date of issue of this permit, or if the work is abandoned for more than 180 days, this permit shall be subject to expiration.

OWNER-BUILDER DECLARATION

I hereby affirm under penalty of perjury that I am exempt from Contractor's License Law for the following reason (section 7031.5, Business and Professions Code: Any City or County which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractor's License Law (Chapter 9) (Commencing with Section 7000 of Division 3 of Division of the Business and Professions Code) or that he or she is exempt there from and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than $500

☐ I as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or herself or through his or her employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he or she did not build or improve for the purpose of sale.)

☐ I as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec 7044, Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.)

☐ I am exempt under Sec B & P C for this reason

Date: Owner:

CONSTUCTION LENDING AGENCY

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec 3097, Civ C)

Lender's Name: Address:

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and County ordinances and State Laws relating to building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes

Date: 7/25/02 Applicant:

NO. 032851

CITY OF HUNTINGTON BEACH

2000 MAIN ST.
HUNTINGTON BEACH, CA 92648

DEPARTMENT OF
COMMUNITY DEVELOPMENT
P.O. BOX 190 - CALIFORNIA 92648
(714) 536-5241

20002 Brookhurst

Other correction

* * * * * DUPLICATE * * * * *
BUILDING PERMIT

Final

Permit Number: B026755 PC # 100 RD #447
Bldg. Address: 20002 BROOKHURST Tract: NA Lot: NA Block: NA
EXIST. BLDG. Building Use: COMMERCIAL
Owner:
DOWNEY SAVINGS
BISTOL & JAMB.
NEWPORT BEACH CA
Ph. (714)854-3100

Contractor:
K L M, INC.
BOX 1538
BELLFLOWER CA 90707
Ph. (310)866-0716
St. No. 499313 C20 City Lic. A144448
Architect or Engineer:
NA

Comments: INSTALLATION OF THREE AIR CONDITIONING HEATING UNITS ON ROOF
Public Building? NO
Sq. Ft. Living: No. Stories: Valuation: 14000
Garage: No. Families: Bldg. Code: ADD
Desc.: UNITS SHALL NOT EXCEED HEIGHT OF PARAPET WALL
Occ. Group: B2 Constr. Type: VN Occ. Load:
Zone: C4
Census Code: 437 Bldg. Use: COMM Park. Spaces:
Planning Action: Coastal Permit? NO

Appl. Date: 02/12/92 Landuse: WC 02/11/92 Authorized: EJS 02/12/92

Plancheck: PC Receipt #

Issued: JMS 02/12/92 Permit/Receipt # B-026755

PERMIT FEES

DESCRIPTION	AMOUNT	ACCOUNT	DESCRIPTION	AMOUNT	ACCOUNT
INSPECTION	153.00	RAACD23430600	PROCESSING	15.00	RAACD23430600
PLANCHECK	99.45	RAACD23470500	PENALTY	0.00	RAACD23483000
LIBRARY	0.00	RAACD23471100	PARKS & REC.	0.00	RSKCD23435500
CONSERVATION	2.94	GAA 00020116	P/PLANCHECK	0.00	RAACD23133800
Micro Copy	5.00	GUU 00022555			
		TOTAL FEE	275.39		

Issued: JMS 02/12/92 Permit/Receipt # B-026755

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

(This section need not be completed if the permit is for one hundred dollars ($100) or less.)
I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to Worker's Compensation Laws.

Date _____ Applicant _____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Worker's Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

LICENSED CONTRACTORS DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Number _____ Lic. Class _____

Contractor _____ Date _____

☐ I am exempt from the licensing requirements as I am a licensed architect or a registered professional engineer acting in my professional capacity (Section 7051, Business and Professions Code).

Lic. or Reg. No. _____ Date _____

THIS BOX FOR REGISTER VALIDATION ONLY

updated permit

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self insure, or a certificate of Worker's Compensation Insurance, or a certified copy thereof (Sec. 3800, Lab. C).

Policy No. _____ Company _____

☐ Certified copy is hereby furnished.
☐ Certified copy is filed with the city building inspection department.

Date _____ Applicant _____

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason: *(Sec. 7031.5) Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the Contractor's License Law (Chapter 9) (commencing with Section 7000) of Division 3 of the Business and Professions Code, or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500).*

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, *Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner/builder will have the burden of proving that he did not build or improve for the purpose of sale.*)

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, *Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.*)

☐ I am exempt under Sec. _____, B & P.C. for this reason _____

Date _____ Owner _____

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name _____

Lender's Address _____

I certify that I have read this application and state that the above information is correct. I agree to comply with all city ordinances and State laws relating to building construction, and hereby authorize representatives of this city to enter upon the above mentioned property for inspection purposes.

_____ Signature of Applicant or Agent _____ Date

NO. 032851

If work is not commenced 180 days from date of issue of this permit, or if work is abandoned for more than 180 days, this permit shall be null and void.

WHITE COPY - INSPECTOR, BLUE COPY - COUNTY, GOLD COPY - OFFICE, GREEN COPY - APPLICANT, PINK COPY - TREASURER

FORM 140 Rev 12/89

INSPECTOR

CITY OF HUNTINGTON BEACH

2000 MAIN ST.
HUNTINGTON BEACH, CA 92648

NO. 031604

DEPARTMENT OF
COMMUNITY DEVELOPMENT
P.O. BOX 190 CALIFORNIA 92648
(714) 536 5241

B U I L D I N G P E R M I T

Permit Number: 3025735
Bldg. Address: 20002 BROOKHURST
EXIST. BLDG. Building Use: CO.
Owner:
[illegible]

Tract: NA PC # Lot: NA 1 RD. #447 Block: NA

Contractor:
[illegible]
Ph. (310) [illegible]-8710
St. Lic. [illegible]
Architect or Engineer
NA

Comments: MOUNT 2 A/C UNITS ON ROOF

Public Building? NO
Sq. Ft. Living: No. Stories: Valuation: 500
Garage: No. Families: Bldg. Code:
Desc.:
Occ. Group: B2 Constr. Type: VN Occ. Load:
Zone: B2
Census Code: 930 Bldg. Use: COMM Park. Spaces:
Planning Action: Coastal Permit? NO

Appl. Date: 11/22/91 Landuse: Authorized:

Plancheck: PC Receipt #

Issued: GHG 11/22/91 Permit/Receipt # 3-025735

PERMIT FEES

DESCRIPTION	AMOUNT	ACCOUNT	DESCRIPTION	AMOUNT	ACCOUNT
INSPECTION	15.00	RAACD23450600	PROCESSING	15.00	RAACD23450600
PLANCHECK	9.75	RAACD23470500	PENALTY	15.00	RAACD23433600
LIBRARY	0.00	RAACD23471100	PARKS & REC.	0.00	RSKCD23433500
CONSERVATION	0.00	GRA 00020110	P/PLANCHECK	0.00	RAACD23133500
Micro Copy	4.00	GUJ 00022535			
		TOTAL FEE	59.25		

Issued: GHG 11/22/91 Permit/Receipt # 3-025735 Ck/05792

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

(This section need not be completed if the permit is for one hundred dollars ($100) or less.)
I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to Worker's Compensation Laws.

Date _____ Applicant _____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Worker's Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

LICENSED CONTRACTORS DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Number _____ Lic. Class _____

X Contractor [signature] Date 11-22-91

☐ I am exempt from the licensing requirements as I am a licensed architect or a registered professional engineer acting in my professional capacity (Section 7051, Business and Professions Code).

Lic. or Reg. No. _____ Date _____

THIS BOX FOR REGISTER VALIDATION ONLY

3326/19 22Nov
91 001/10 $59
.25 B025735 B
BLDPERMT

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C).

Policy No. _____ Company _____

☐ Certified copy is hereby furnished

☑ Certified copy is filed with the city building inspection department

Date _____ Applicant _____

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason: *(Sec. 7031.5) Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the Contractor's License Law (Chapter 9) (commencing with Section 7000) of Division 3 of the Business and Professions Code, or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500).]*

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, *Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner/builder will have the burden of proving that he did not build or improve for the purpose of sale.*)

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, *Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.*)

☐ I am exempt under Sec. _____ B & P.C. for this reason _____

Date _____ Owner _____

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name _____

Lender's Address _____

I certify that I have read this application and state that the above information is correct. I agree to comply with all city ordinances and State laws relating to building construction, and hereby authorize representatives of this city to enter upon the above-mentioned property for inspection purposes.

X [signature] 11-22-91
Signature of Applicant or Agent Date

NO. 031604

If work is not commenced 180 days from date of issue of this permit, or if work is abandoned for more than 180 days, this permit shall be null and void.

WHITE COPY - INSPECTOR, BLUE COPY - COUNTY, GOLD COPY - OFFICE, GREEN COPY - APPLICANT, PINK COPY - TREASURER

FORM 145 Rev. 12/89

INSPECTOR

20002 Brookhurst

CITY OF HUNTINGTON BEACH

2000 MAIN ST.
HUNTINGTON BEACH, CA 92648

NO. 031521

DEPARTMENT OF
COMMUNITY DEVELOPMENT
P.O. BOX 190 - CALIFORNIA 92648
(714) 536-5241

B U I L D I N G P E R M I T

Permit Number: B025603
Bldg. Address: 20002 BROOKHURST Tract: NA Lot: NA PC # NA BD # 447 Block: NA
EXIST. BLDG. Building Use: OFFICES

Owner:
DONNEY SAVINGS & LN
SAME

Contractor:
EVANS ROOFING CO
1131 E. CHESTNUT
SANTA ANA CA 92701
PH. ( )835-1770
St. No. 000-432037 City Lic. A101774

Architect or Engineer
NA

Comments: TEAR OFF & RE-ROOF BUILT-UP 1,2,1 COMP ROOF 50 SQS

Public Building? NO
Sq. Ft. Living: No. Stories: Valuation: 15000
Garage: No. Families: Bldg. Code:
Desc.:
Occ. Group: Constr. Type: Occ. Load:
Zone: C4FP2
Census Code: 999 Bldg. Use: COMM Park. Spaces:
Planning Action: Coastal Permit? NO

Appl. Date: 11/13/91 Landuse: JM 11/13/91 Authorized: GH 11/13/91

Plancheck: PC Receipt #

Issued: GHG 11/13/91 Permit/Receipt # B-025603

PERMIT FEES

DESCRIPTION	AMOUNT	ACCOUNT	DESCRIPTION	AMOUNT	ACCOUNT
INSPECTION	171.00	RAACD23430600	PROCESSING	15.00	RAACD23430600
PLANCHECK	0.00	RAACD23470500	PENALTY	0.00	RAACD23433000
LIBRARY	0.00	RAACD23471100	PARKS & REC.	0.00	RSKCD23435500
CONSERVATION	3.36	GAA 00020116	P/PLANCHECK	0.00	RAACD23133800
		TOTAL FEE	189.36		

Issued: GHG 11/13/91 Permit/Receipt # B-025603 R 7033

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

(This section need not be completed if the permit is for one hundred dollars ($100) or less.)
I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to Worker's Compensation Laws.

Date _____ Applicant _____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Worker's Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

LICENSED CONTRACTORS DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Number _____ Lic. Class _____

Contractor _____ Date 11/13/91

☐ I am exempt from the licensing requirements as I am a licensed architect or a registered professional engineer acting in my professional capacity (Section 7051, Business and Professions Code)

Lic. or Reg. No. _____ Date _____

THIS BOX FOR REGISTER VALIDATION ONLY

2317/91 13Nov91 001/10 $189.36 B025603

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self insure, or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C)

Policy No. _____ Company _____

☐ Certified copy is hereby furnished

☑ Certified copy is filed with the city building inspection department

Date 11/13/91 Applicant _____

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason: *[(Sec. 7031.5) Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the Contractor's License Law (Chapter 9) (commencing with Section 7000) of Division 3 of the Business and Professions Code, or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500).]*

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale. (Sec. 7044) *Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner/builder will have the burden of proving that he did not build or improve for the purpose of sale.*

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project. (Sec 7044) *Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.*

☐ I am exempt under Sec. _____, B & PC for this reason _____

Date _____ Owner _____

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.)

Lender's Name _____

Lender's Address _____

I certify that I have read this application and state that the above information is correct. I agree to comply with all city ordinances and State laws relating to building construction, and hereby authorize representatives of this city to enter upon the above-mentioned property for inspection purposes.

Signature of Applicant or Agent Date 11/13/91

NO. 031521

If work is not commenced 180 days from date of issue of this permit, or if work is abandoned for more than 180 days, this permit shall be null and void.

WHITE COPY - INSPECTOR, BLUE COPY - COUNTY, GOLD COPY - OFFICE, GREEN COPY - APPLICANT, PINK COPY - TREASURER

FORM 140-Rev. 12/89

INSPECTOR

A 53676

BUILDING PERMIT

CITY OF HUNTINGTON BEACH
DEPARTMENT OF
DEVELOPMENT SERVICES
P.O. BOX 190 - CALIFORNIA 92648
(714) 536-5241

Applicant to fill in are within heavy lines only.

BUILDING ADDRESS: 20002 Brookhurst St
Lot No.: | Tract No.: | Block No.:
Owner: Downey Savings
Address: 20002 Brookhurst | Tel. No.:
City: Huntington Beach | State: CA | Zip: 92648
Contractor: Raven Industries | Tel. No.: 619-743-8022
Address: 1425 Industrial | State Lic. No.: 828 0518
City: Escondido | City Lic. No.: 3196
Architect or Engineer: E.L. Miller | Tel. No.: 755 2870
Address: P.O. Box 1106 | Lic. No.: 270
City: Del Mar | State: CA | Zip: 92014
Sq. Ft. Living: | No. of Stories: | No. of Families:
Sq. Ft. Garage: | Description of Work:
Pedestal for ATM. Installation
Use of Building: Office
Valuation (Including Labor & Mat.): 5,000.-

Check One: NEW ☐ ADD ☐ ALTER ☒ REPAIR ☐ DEMOL. ☐ RELOCATE ☐

I have read this application and agree to comply with all local and state laws applicable to building construction.
☒ 1. I am validly registered and licensed as required by the City of Huntington Beach and the State of California, or
☐ 2. I am the legal owner of the above described property.
I have filed with the City of Huntington Beach:
☐ 1. A certificate of consent to self-insure issued by the Director of Industrial Relations, or
☒ 2. A certificate of workers' compensation insurance issued by a admitted insurer, or
☐ 3. An exact copy or duplicate thereof certified by the Director or the insurer, or
☐ 4. I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers compensation laws of the State of California.
I certify (or declare) under penalty of perjury that the foregoing is true and correct, and this declaration was executed on the 1st day of March, 1984 at Huntington Beach, California.

Permittee

If work is not commenced 180 days from date of issue of this permit, or if work is abandoned for more than 180 days, this permit shall be null and void.

Building Address: 20002 BROOKHURST | Plan Check No.: 121756
Occupancy Grp: B Div 2 | Type of Construction: V | Occ. Load:
Use Zone: C4 | Use: Commer. | Parking Spaces Required:
Planning Action: — | Coastal Permit Zone ☐ Yes ☒ No
Land Use Approved By: [illegible] Date: 2-1-84
Permit Authorized By: [illegible] Date: 2-1-84
Permit Issued By: [illegible] Date: 3-1-84
Retaint No.: 193531
Community Enrichment Fee $:
Library Fee: Sq. Ft.:
Remarks:

FEES: Permit $ 50.50; Plan Check $ 33.00; Conservation $ .50; TOTAL $ 84.00

Approval	Inspection Record Date	Inspector
Foundation and Location		
Floor Slabs		
Sheathing		
Framing		
Lath or Drywall		
Brown Coat		
Parking		
Landscaping		
Land Use Conditions		
Final	4-19-84	Paul
Utility Release		

INSPECTION

1

A 49934

BUILDING PERMIT

Applicant to fill in area within heavy lines only.

CITY OF HUNTINGTON BEACH
DEPARTMENT OF
DEVELOPMENT SERVICES
P.O. BOX 190 · CALIFORNIA 92648
(714) 536-5241

Suite "D" 2nd Flor.

BUILDING ADDRESS: 20002 BROOKHURST	
Lot No. / Tract No. / Block No.	Building Address: 20002 BROOKHURST — Plan Check No. 12222
Owner: DOWNEY SAVINGS	Occupancy Grp: B — Div. 2 — Type of Construction: II — Occ. Load
Address: 3200 BRISTOL — Tel. No. 549-8011	Use Zone: C-4 — Use: COMM — Parking Spaces Required
City: COSTA MESA — State: CA. — Zip: 92626	Planning Action — Coastal Permit Zone ☐ Yes ☐ No
Contractor: THE O'CAMPO CORP. — Tel. No. (714) 598-7007	Land Use Approved By: [illegible] Date: 6-28-83 — FEES: Permit $164.50
Address: 913 FAIRWAY DR. — State Lic. No. 166187	Permit Authorized By: [illegible] Date: 6-28-83 — Plan Check $107.00
City: WALNUT, CA 91789 — City Lic. No. 468414	Permit Issued By: [illegible] Date: 7/5/83 — Conservation $ 1 68
Architect or Engineer: OWNER — Tel. No.	Receipt No. 188644/188712 — TOTAL $
Address: (ABOVE) — Lic. No.	Community Enrichment Library Fee: Sq. Ft. ____ Fee $ ____
City — State — Zip	Remarks:
Sq. Ft. Living: 3540 — No. of Stories — No. of Families	
Sq. Ft. Garage — Description of Work: TENANT IMPROVEMENT	
Use of Building: OFFICE	
Valuation (Including Labor & Mat.): $ 24,000	

Check One: NEW ☐ ADD ☐ ALTER ☒ REPAIR ☐ DEMOL. ☐ RELOCATE ☐

pl Ck pd. 6/20/83 #188415

I have read this application and agree to comply with all local and state laws applicable to building construction.

☒ 1. I am validly registered and licensed as required by the City of Huntington Beach and the State of California, or

☐ 2. I am the legal owner of the above described property.

I have filed with the City of Huntington Beach:

☐ 1. A certificate of consent to self-insure issued by the Director of Industrial Relations, or

☒ 2. A certificate of workers' compensation insurance issued by an admitted insurer, or

☐ 3. An exact copy or duplicate thereof certified by the Director or the insurer, or

☐ 4. I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers compensation laws of the State of California.

I certify (or declare) under penalty of perjury that the foregoing is true and correct, and this declaration was executed on the 22 day of JUNE, 1983 at Huntington Beach, California.

Permittee

If work is not commenced 180 days from date of issue of this permit, or if work is abandoned for more than 180 days, this permit shall be null and void.

Inspection Record

Approval	Date	Inspector
Foundation and Location		
Floor Slabs		
Sheathing		
Framing	7-11-83	Paul
Lath or Drywall	7-13-83	Paul
Brown Coat		
Parking		
Landscaping		
Land Use Conditions		
Final	9.6.83	Vaughan
Utility Release		

INSPECTOR

1

BUILDING PERMIT A 35370

Applicant to fill in area within heavy lines only.

CITY OF HUNTINGTON BEACH
DEPARTMENT OF
DEVELOPMENT SERVICES
P.O. BOX 190 CALIFORNIA 92648
(714) 536-5241

BUILDING ADDRESS 20002 BROOKHURST

Lot No.	Tract No.	Block No.
Owner DOWNEY SAVINGS & LOAN		
Address 3200 BRISTOL		Tel. No. 549-8811
City COSTA MESA	State CA	Zip 92626
Contractor FRANK MOMOT		Tel. No. (213) 962-3497
Address 15855 EDNA #7		State Lic. No. 370965
City LAWNDALE		City Lic. No. 17848
Architect or Engineer		Tel. No.
Address		Lic. No.
City	State	Zip

Sq. Ft. Living	No. of Stories	No. of Families
Sq. Ft. Garage	Description of Work Remodel partitions, electrical, plumbing	
Use of Building OFFICE		
Valuation (Including Labor & Mat.) $52,000.00		

Check One
- NEW ☐
- ADD ☐
- ALTER ☒
- REPAIR ☐
- DEMOL. ☐
- RELOCATE ☐

I have read this application and agree to comply with all local and state laws applicable to building construction.
☐ 1. I am validly registered and licensed as required by the City of Huntington Beach and the State of California, or
☒ 2. I am the legal owner of the above described property.

I have filed with the City of Huntington Beach:
☐ 1. A certificate of consent to self-insure issued by the Director of Industrial Relations, or
☒ 2. A certificate of workers' compensation insurance issued by an admitted insurer, or
☐ 3. An exact copy or duplicate thereof certified by the Director or the insurer, or
☐ 4. I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers compensation laws of the State of California.

I certify (or declare) under penalty of perjury that the foregoing is true and correct, and this declaration was executed on the 7 day of Feb, 80, at Huntington Beach, California.

Permit Use

If work is not commenced 120 days from date of issue of this permit, or if work is abandoned for more than 120 days, this permit shall be null and void.

Building Address 20002 Brookhurst		Plan Check No. 10,319
Occupancy Grp F Div 2	Type of Construction V-N	Occ. Load 28
Use Zone C-4	Use Comm'l	Parking Spaces Required
Planning Action —		Coastal Permit Zone ☐ Yes ☒ No
Land Use Approval By [illegible] Date 2-7-80		FEES: Permit $229.20
Permit Authorized By [illegible] Date 2-7-80		Plan Check $114.60
Permit Issued By B Date 2-19-80		Conservation $ 3.64
Receipt No. 51736		TOTAL $ 271.84

Community Enrichment
Library Fee: Sq. Ft. _____ Fee $ _____

Remarks:

Credit 75.60 from P.C. fee
Owes 39.00 *

Inspection Record

Approval	Date	Inspector
Foundation and Location		
Floor Slabs		
Sheathing		
Framing Rec'd - 9-31-80		
Lath or Drywall		
Brown Coat		
Parking		
Landscaping		
Land Use Conditions		
Final	4-28-80	Paul
Utility Release		

INSPECTOR

1

BUILDING PERMIT

DEPARTMENT OF BUILDING — CITY OF HUNTINGTON BEACH

NOTICE

No framing inspection will be made until the job has progressed in a satisfactory manner. All City Ordinances, requirements, and imposed conditions shall be complied with prior to final inspection. A Certificate of Occupancy will be issued only when all such conditions have been met.

Use Zone

Zoning Approved by [illegible] Date

Group Type Plan Ck.

Remarks: * NW¼, NW¼, Sec 8, T6S, R10W

FEES

Building Permit $ 10.00	
Plan Check $	Paid Misc. Rec. No.
Permit Prepared by Srb	
Permit Authorized by JB	Date 7-19-73

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regarding building construction.

I hereby certify that I am properly registered with and/or licensed as required by the City of Huntington Beach and/or State of California, or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued I shall not employ any person in violation of the workmen's compensation laws of the State of California.

Signature of Permitee By app Date 7-27-73

PLANS ON APPLICATION

For Applicant to fill in

Job No. 86573

Address 20002 Brookhurst

Lot No. * Tract No. Blk. No.

Please Attach Metes & Bounds (2 Copies)

Owner Downey Savings and Loans Assoc.

Owner's Address 8630 E. Florence Ave. Downey

Description of Work Installation of Real Estate Sign

Use of Building Commercial

Area of Building 20 sq. ft. Valuation $ 10.00

Contractor Caldwell Banker & Co

Address 2333 No Broadway

State Lic. No. SA 541-5221

INSPECTION RECORD

Approval	Date	Inspector
Foundation and Location		
Reinforcing		
Roof Shtg.	No Electric	
Rough Frame		
Lath or Drywall		
Plas. Brown Ct.		
Final	1-5-75	[illegible]
Utility Release		

VALIDATION BY CASHIER

Plan Check

Bldg. Pt. 10.00

#7743

Routing: (1) Bldg. Inspector (2) Office File (3) Statistics (4) Records (5) Owner

COM

BUILDING PERMIT

DEPARTMENT OF BUILDING — CITY OF HUNTINGTON BEACH

NOTICE

No framing inspection will be made until the job has progressed in a satisfactory manner. All City Ordinances, requirements, and imposed conditions shall be complied with prior to final inspection. A Certificate of Occupancy will be issued only when all such conditions have been met.

Use Zone

Zoning Approved By [illegible] Date 11-21-71

Group Type Plan Ck. 2045

Remarks:

FEES

Building Permit $ 10.00	
Plan Check $	Paid Misc. Rec. No.
Permit Prepared by BAS	
Permit Authorized by RJ	Date 11-21-72

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regulating building construction.

I hereby certify that I am properly registered with and/or licensed as required by the City of Huntington Beach and/or State of California, or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued I shall not employ any person in violation of the workmen's compensation laws of the State of California.

Signature of Permitee [illegible] Date 11-21-72

For Applicant to fill in

Job Address 20002 Brookhurst

№ 82843

Lot No. Tract No. Blk. No.

Please Attach Meles & Bounds (2 Copies)

Owner Red Carpet Realtors, Downey Savings & Loan

Owner's Address Same

Description of Work Wall & Pole Sign

Use of Building Real Estate Office

Area of Building 20 sq. ft. / 72 sq. ft.	Valuation $ 2,000
Contractor Western Neon	
Address 2948 Randolph	C.M.
State Lic. No.	549-0746

INSPECTION RECORD

APPROVAL	DATE	INSPECTOR
Foundation and Location		
Reinforcing		
Roof Shtg.		
Rough Frame		
Lath or Drywall		
Plas. Brown Ct.		
Final	1-24-73	[illegible]
Utility Release		

VALIDATION BY CASHIER

Plan Check

Bldg. Pt. 10.00

#346

Routing: (1) Bldg. Inspector (2) Office File (3) Statistics (4) Records (5) Owner

1

BUILDING PERMIT

DEPARTMENT OF BUILDING — CITY OF HUNTINGTON BEACH

NOTICE

No framing inspection will be made until the job has progressed in a satisfactory manner. All City Ordinances, requirements, and imposed conditions shall be complied with prior to final inspection. A Certificate of Occupancy will be issued only when all such conditions have been met.

Use Zone

Zoning Approved By WRH Date 10.6.72

Group Type Plan Ck.

Remarks: Sec T-65 Rancho Los Bolsas

FEES

Building Permit $ 40.00	
Plan Check $	Paid Misc. Rec. No.
Permit Prepared by Sub	
Permit Authorized by RG	Date 10/6/72

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regulating building construction.

I hereby certify that I am properly registered with and/or licensed as required by the City of Huntington Beach and/or State of California, or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued I shall not employ any person in violation of the workmen's compensation laws of the State of California.

Signature of Permitee David J. Hegle Date 10/6/72

For Applicant to fill in

Job No. 82004

Address 20002 Brookhurst

Lot No. 4 Tract No. Blk. No.

Please Attach Metes & Bounds (2 Copies)

Owner Downey Savings

Owner's Address Same

Description of Work Lease Sign - 4.

Use of Building Savings & Loan

Area of Building 125 ft² Valuation $ 8,000.00

Contractor Yerkup Electric

Address 14322 Valley View Norwalk

State Lic. No. 19956 - 781-4744

INSPECTION RECORD

APPROVAL	DATE	INSPECTOR
Foundation and Location		
Reinforcing		
Roof Shtg.		
Rough Frame		
Lath or Drywall		
Plas. Brown Ct.		
Final	1-24-73	Bentley
Utility Release		

VALIDATION BY CASHIER

Plan Check

Bldg. Pt. 40.00

Routing: (1) Bldg. Inspector (2) Office File (3) Statistics (4) Records (5) Owner

1

BUILDING PERMIT

DEPARTMENT OF BUILDING — CITY OF HUNTINGTON BEACH

P. C. 352

NOTICE

No framing inspection will be made until the job has progressed in a satisfactory manner. All City Ordinances, requirements, and imposed conditions shall be complied with prior to final inspection. A Certificate of Occupancy will be issued only when all such conditions have been met.

Use Zone

Zoning Approved By _____ Date 6-9-72

Group Type Plan Ck. 352

Remarks: 2 Story

FEES

Building Permit $ 361.50	3/21/72
Plan Check $	Paid 181.25 Misc. Rec. No.
Permit Prepared by bl	
Permit Authorized by RT	Date 6/8/72

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regulating building construction.

I hereby certify that I am properly registered with and/or licensed as required by the City of Huntington Beach and/or State of California, or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued I shall not employ any person in violation of the workmen's compensation laws of the State of California.

Signature of Permitee _____ Date 6/12/72

For Applicant to fill in

Job **No 79306**

Address 20002 Brookhurst St.

Lot No. Sec. T-65 Tract No. Rancho Los Bolsas Blk. No.

Please Attach Metes & Bounds (2 Copies)

Owner Downey Savings & Loan

Owner's Address 8630 E. Florence Ave., Downey

Description of Work New

Use of Building Offices

Area of Building 13,460 | Valuation $ 235,000

Contractor McAlister Constr. Co.

Address 8645 E. Florence Ave. Downey

State Lic. No. 142047-B-1 | 213-861-7204

INSPECTION RECORD

APPROVAL	DATE	INSPECTOR
Foundation and Location	6-28-72	Pull. / Bo
Reinforcing	7-14-72	Pull. / Bo
Roof Shtg.	9-21-72	Bendling
Rough Frame	10-17-72	Bendling
Lath or Drywall	10-17-72	Bendling
Plas. Brown Ct.	11-4-72	Bendling
Final	12-7-72	Bendling
Utility Release	12-8-72	Pulido

VALIDATION BY CASHIER

Plan Check

Bldg. Pt. 361.50 ck Pd Rec #573

Conservation 16.45

Routing: (1) Bldg. Inspector (2) Office File (3) Statistics (4) Records (5) Owner

BUILDING PERMIT

A 35232

Applicant to fill in area within heavy lines only.

CITY OF HUNTINGTON BEACH
DEPARTMENT OF
DEVELOPMENT SERVICES
P.O. BOX 190 • CALIFORNIA 92648
(714) 536-5241

BUILDING ADDRESS: 20002 BROOKHURST

Lot No.	Tract No.	Block No.
Owner: DOWNEY SAVINGS & LOAN ASSOC.		
Address: 3200 BRISTOL	Tel. No.: 549-8811	
City: COSTA MESA	State: CA	Zip: 92626
Contractor: FRANK MOMOT ASSOC. owner	Tel. No.: (213) 562-3497	
Address: 15855 E. EDNA PL.	State Lic. No.: 370965	
City: IRWINDALE, CA	City Lic. No.: 17448	
Architect or Engineer: WILLIAM J. CORREIA	Tel. No.: 538-8010	
Address: 1107 E. CHAPMAN	Lic. No.: 2132	
City: ORANGE	State: CA	Zip: 92666
Sq. Ft. Living	No. of Stories: 2	No. of Families: 1
Sq. Ft. Garage	Description of Work: REMOVE STRUCTURAL WALL, [illegible] AND STEEL VAULT	
Use of Building: OFFICE		
Valuation (Including Labor & Mat.): $[illegible]		

Check One: NEW ☐ ADD ☐ ALTER ☒ REPAIR ☐ DEMOL. ☐ RELOCATE ☐

I have read this application and agree to comply with all local and state laws applicable to building construction.

☒ 1. I am validly registered and licensed as required by the City of Huntington Beach and the State of California, or

☐ 2. I am the legal owner of the above described property.

I have filed with the City of Huntington Beach:

☐ 1. A certificate of consent to self-insure issued by the Director of Industrial Relations, or

☒ 2. A certificate of workers' compensation insurance issued by an admitted insurer, or

☐ 3. An exact copy or duplicate thereof certified by the Director or the insurer, or

☒ I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers compensation laws of the State of California.

I certify (or declare) under penalty of perjury that the foregoing is true and correct, and this declaration was executed on the [illegible] day of February, 198[illegible] at Huntington Beach, California

Applicant

If work is not commenced 120 days from date of issue of this permit, or if work is abandoned for more than 120 days, this permit shall be null and void.

Building Address: 20002 Brookhurst	Plan Check No.: 1A 319
Occupancy Grp: E Div: 2	Type of Construction: V-N
Occ. Load: 3	
Use Zone: C4	Use: Comm
Parking Spaces Required	
Planning Action	Coastal Permit Zone ☐ Yes ☒ No
Land Use Approved By: [illegible] Date: 1-24-80	FEES: Permit 20 $ 296.40
Permit Authorized By: [illegible] Date: 2-26-80	Plan Check $ 148.20
Permit Issued By: B Date: 5-8-72 2-26-80	Conservation $ 72.60
Receipt No.: 51872	TOTAL $ 1,9[illegible]
Community Enrichment Library Fee: Sq. Ft. ____ Fee $ ____	
Remarks: PC pd 1/24/80 # 51292	

Inspection Record

Approval	Date	Inspector
Foundation and Location	3-3-80	[illegible]
Floor Slabs		
Sheathing		
Framing		
Lath or Drywall		
Brown Coat		
Parking		
Landscaping		
Land Use Conditions		
Final	4-2-80	Paul
Utility Release		

INSPECTOR

1

BUILDING PERMIT

DEPARTMENT OF BUILDING — CITY OF HUNTINGTON BEACH

No. 77978

NOTICE

No framing inspection will be made until the job has progressed in a satisfactory manner. All City Ordinances, requirements, and imposed conditions shall be complied with prior to final inspection. A Certificate of Occupancy will be issued only when all such conditions have been met.

Use Zone

Zoning Approved By DWM Date 4-24-72

Group Type Plan Ck.

Remarks:

FEES

Building Permit	$ 90.00	
Plan Check	$ 20.00	Paid Misc. Rec. No.
Permit Prepared by	Bes	
Permit Authorized by	RG	Date 4/24/72

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regulating building construction.

I hereby certify that I am properly registered with and/or licensed as required by the City of Huntington Beach and/or State of California, or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued I shall not employ any person in violation of the workmen's compensation laws of the State of California.

Signature of Permitee [illegible] Date 4/24/72

For Applicant to fill in

Job [illegible] Building

Address [illegible]

Lot No. Tract No. Blk. No.

Please Attach Metes & Bounds (2 Copies)

Owner Downey Savings & Loan

Owner's Address Downey Savings & Loan

Description of Work 5'x50' Temporary Use Drive Academy

Use of Building Savings & Loan

Area of Building 2800 Feet	Valuation $ 4,000
Contractor Owner	
Address	
State Lic. No.	923-5561

INSPECTION RECORD

APPROVAL	DATE	INSPECTOR
Foundation and Location		
Reinforcing		
Roof Shtg.		
Rough Frame		
Lath or Drywall		
Plas. Brown Ct.		
Final		
Utility Release		

VALIDATION BY CASHIER

Plan Check / Bldg. Pt. 110.00 OK. Be.

Routing: (1) Bldg. Inspector (2) Office File (3) Statistics (4) Records (5) Owner

1

20011
Lawson

No. 111083

CITY OF HUNTINGTON BEACH

2000 MAIN ST.
HUNTINGTON BEACH, CA 92648

DEPARTMENT OF
COMMUNITY DEVELOPMENT
P.O. BOX 190 - CALIFORNIA 92648
(714) 536-5241

ALL INSPECTION REQUESTS MUST BE RECEIVED BY 4:00 P.M.
FOR THE FOLLOWING DAY'S INSPECTION.

DW

B U I L D I N G P E R M I T

Permit Number: B-054990 PC # RD 447
Bldg. Address: 20011 LAWSON LN Tract: 5197 Lot: 14 Block: NA
EXIST. BLDG. Building Use: SFD -ROOF
Owner: Contractor:
QUY MICHAEL NGUYEN (NO CONTRACTOR)
SAME
92646
Ph. (714)962-9622

Designer:
NA

Project Description: T/O EXISTING WOOD SHAKE W/ US TILE "CLAYMAX", 5/8" CDX PLYWOOD ON TOP OF EXISTING 30# FELT PAPER. 29 SQS TOTAL

Sq.Ft. Res/Com:
Garage : No. Stories: 2 Valuation: 8700
Misc. : No. Families: 1 Bldg. Code: ROOF
Occ. Group: Occ. Load: Zone:
Public BuildingNO Constr. Type:
Census Code: 999 Bldg. Use: SFD Park. Spaces:
Entitlement(s): Coastal PermitNO
Application: 06/23/97 Plancheck:
Authorized: Building: 06/23/97 LEK Public Works:
Planning: 06/23/97 LEK Fire Dept:
Processed: 06/23/97 LEK #B-054990 Issued: 06/23/97 LEK

* * * PERMIT FEES * * *

DESCRIPTION	AMOUNT	ACCOUNT	DESCRIPTION	AMOUNT	ACCOUNT
INSPECTION	125.50	RAACD23430600	ISSUANCE	25.00	RAACD23433200
PLANCHECK	0.00	RAACD23470500	PENALTY	0.00	RAACD23483000
LIBRARY	0.00	RLXLS39171100	PARKS & REC.	0.00	RSKCD23435500
CONSERVATION	0.87	GAA 00020116	P/PLANCHECK	0.00	RAACD23133800
DEMOLITION	0.00	RAACD23430600	LIBRARY DEV.	0.00	RLCCD23432800
MICRO COPY	1.00	GUU 00022555			
		TOTAL FEE	152.37		

FINAL INSPECTION: INITIALS DATE 8-15-97

Processed: B-054990 Issued: 06/23/97 LEK

√#1693

WORKERS' COMPENSATION DECLARATION

I hereby affirm under penalty of perjury one of the following declarations:

☐ I have and will maintain a certificate of consent to self-insure for workers' compensation, as provided for by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued.

☐ I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation insurance carrier and policy number are:

Carrier _____

Policy Number _____

(This section need not be completed if the permit is for one hundred dollars ($100) or less.

☐ I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

Date: _____ Applicant: _____

THIS BOX FOR REGISTER VALIDATION ONLY

3174/6 3 $152.37 B0:4990 BldPrmts
Mon Jun 23, 1997 08:28 AM £53223 $1

WARNING: FAILURE TO SECURE WORKERS' COMPENSATION COVERAGE IS UNLAWFUL, AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS ($100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm under penalty of perjury that I am licensed under provision of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License No. _____ License Class _____

Contractor _____ Date _____

If work is not commenced 180 days from date of issue of this permit, or if work is abandoned for more than 180 days, this permit shall be subject to expiration.

OWNER-BUILDER DECLARATION

I hereby affirm under penalty of perjury that I am exempt from Contractor's License Law for the following reason (Section 7031.5, Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractor's License Law (Chapter 9) (commencing with Section 7000) of Division 3 of the Business and Professions Code) or that he or she is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500).):

☑ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale. (Sec. 7044, Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or herself or through his or her own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he or she did not build or improve for the purpose of sale.)

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law).

☐ I am exempt under Sec. _____ B.&P.C. for the following reason: _____

Date 6/23/97 Owner Quy Michael Nguyen

CONSTRUCTION LENDING AGENCY

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C).

Lender's Name _____

Lender's Address _____

I certify that I have read this application and state that the above information is correct. I agree to comply with all city and county ordinances and State laws relating to building construction, and hereby authorize representatives of this county to enter upon the above-mentioned property for inspection purposes.

Quy Michael Nguyen 6/23/97
Signature of Applicant or Agent Date

No. 111083

FORM 140-Rev. 1/97

WHITE COPY - FILE, BLUE COPY - COUNTY, CANARY COPY - OFFICE, GREEN COPY - APPLICANT, PINK COPY - TREASURER

No. 115461

CITY OF HUNTINGTON BEACH

2000 MAIN ST.
HUNTINGTON BEACH, CA 92648

DEPARTMENT OF
COMMUNITY DEVELOPMENT
P.O. BOX 190 - CALIFORNIA 92648
(714) 536-5241

ALL INSPECTION REQUESTS MUST BE RECEIVED BY 4:00 P.M.
FOR THE FOLLOWING DAY'S INSPECTION.

DW

B U I L D I N G P E R M I T

Permit Number: B-055741 PC # RD 447
Bldg. Address: 20011 LAWSON LN Tract: 3197 Lot: 14 Block: NA
EXIST. BLDG. Building Use: SFD -ALTER
Owner:
HONG TRANG
SEE ABOVE
HB CA 92646
Ph. (714)962-9622

Contractor:
(NO CONTRACTOR)

Designer:
NA

Project Description: INSTALL 3 SKYLIGHTS (24 X 48) NO RAFTERS CUT

Sq.Ft. Res/Com:
Garage :
Misc. :
Occ. Group:
Public BuildingNO
Census Code: 999
Entitlement(s):

No. Stories:
No. Families:
Occ. Load:
Constr. Type:
Bldg. Use: SFD

Valuation: 900
Bldg. Code: ALTER
Zone: RL-FP2
Park. Spaces:
Coastal PermitNO

Application: 07/18/97 Plancheck:
Authorized: Building: 07/18/97 GH Public Works:
Planning: 07/18/97 MBB Fire Dept:
Processed: 07/18/97 DW #B-055741 Issued: 07/18/97 DW

* * * PERMIT FEES * * *

DESCRIPTION	AMOUNT	ACCOUNT	DESCRIPTION	AMOUNT	ACCOUNT
INSPECTION	40.50	RAACD23430600	ISSUANCE	25.00	RAACD23433200
PLANCHECK	0.00	RAACD23470500	PENALTY	0.00	RAACD23483000
LIBRARY	0.00	RLXLS39171100	PARKS & REC.	0.00	RSKCD23435500
CONSERVATION	0.50	GAA 00020116	P/PLANCHECK	0.00	RAACD23133800
DEMOLITION	0.00	RAACD23430600	LIBRARY DEV.	0.00	RLCCD23432800
MICRO COPY	1.00	GUU 00022555			
		TOTAL FEE	67.00		

FINAL INSPECTION: INITIALS DW DATE 8-13-97

Processed: 07/18/97 DW #B-055741 Issued: 07/18/97 DW

WORKERS' COMPENSATION DECLARATION

I hereby affirm under penalty of perjury one of the following declarations:
☐ I have and will maintain a certificate of consent to self-insure for workers' compensation, as provided for by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued.
☐ I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation insurance carrier and policy number are:
Carrier _____
Policy Number _____
(This section need not be completed if the permit is for one hundred dollars ($100) or less.
☐ I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

Date: _____ Applicant: _____

THIS BOX FOR REGISTER VALIDATION ONLY

1199/55 1 $67.00 B055741 BldPrmts
Fri Jul 18, 1997 02:49 PM £23857 $1

WARNING: FAILURE TO SECURE WORKERS' COMPENSATION COVERAGE IS UNLAWFUL, AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS ($100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm under penalty of perjury that I am licensed under provision of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.
License No. _____ License Class _____
Contractor _____ Date _____

If work is not commenced 180 days from date of issue of this permit, or if work is abandoned for more than 180 days, this permit shall be subject to expiration.

OWNER-BUILDER DECLARATION

I hereby affirm under penalty of perjury that I am exempt from Contractor's License Law for the following reason (Section 7031.5, Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractor's License Law (Chapter 9) [commencing with Section 7000] of Division 3 of the Business and Professions Code) or that he or she is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500).):
☑ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale. (Sec. 7044, Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or herself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner/builder will have the burden of proving that he or she did not build or improve for the purpose of sale.)
☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).
☐ I am exempt under Sec. _____.
B.&P.C. for this reason _____
Date 7/18/97 Owner HONG TRANG

CONSTRUCTION LENDING AGENCY

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C).
Lender's Name _____
Lender's Address _____

I certify that I have read this application and state that the above information is correct. I agree to comply with all city and county ordinances and State laws relating to building construction, and hereby authorize representatives of this county to enter upon the above-mentioned property for inspection purposes.

Signature of Applicant or Agent 7/18/97 Date

No. 115461

FORM 140-Rev. 1/97

WHITE COPY - FILE, BLUE COPY - COUNTY, CANARY COPY - OFFICE, GREEN COPY - APPLICANT, PINK COPY - TREASURER

BUILDING PERMIT

DEPARTMENT OF BUILDING — CITY OF HUNTINGTON BEACH

For Applicant to Fill In

No 44688

ZONING AND BUILDING

Use Zone		
	Main Use	Acc. Use
Set Back · C/L ST	C/L ST	
Side Yard Rt	Projection	
Side Yard Lt	Projection	
Rear Yard	No Parking Sp. Reqd.	
Zoning Approved By	Date	
Group	Type	Plan Ck.
Remarks:		

Job Address	20011 Lawson Lane
Lot No. 14	Tract No. 5197 Blk. No.
Please Attach Metes & Bounds (2 Copies)	
Owner	Fay Farmer
Owner's Address	
Description of Work	Block Wall
Use of Building	Dwlg.
Area of Building	Valuation $ 288.00
Contractor	E. C. Elliott
Address	1540 E. Candlewood, Orange
State Lic. No.	

FEES

Building Permit $ 5.00	
Plan Check $	Paid Misc. Rec. No.
Permit Prepared by BAS	
Permit Authorized by OCC	Date 10-13-66

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regulating building construction.

I hereby certify that I am properly registered with and/or licensed as required by the City of Huntington Beach and/or State of California, or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued I shall not employ any person in violation of the workmen's compensation laws of the State of California.

Signature of Permittee E. C. Elliott Date 10/13/66

INSPECTION RECORD

APPROVAL	DATE	INSPECTOR
Foundation and Location	10-13-66	Hall
Reinforcing		
Roof Shtg.		
Rough Frame		
Lath or Drywall		
Plas. Brown Ct.		
Final	10-18-66	Hall
Utility Release		

VALIDATION BY CASHIER

Plan Check

Bldg Pt. $5.00

Routing: No. 1 Bldg. Inspector No. 2 Office File No. 3 Statistics No. 4 Owner

1

BUILDING PERMIT

DEPARTMENT OF BUILDING — CITY OF HUNTINGTON BEACH

For Applicant to Fill in PC 757 No. 43946

Job Address 20011 Lawson

Lot No. 14 Tract No. 5797 Blk. No.

Please Attach Metes & Bounds (2 Copies)

Owner Gary Farmer

Owner's Address

Description of Work Owly addition

Use of Building Owly

Area of Building 3.10 Valuation $ ~~4,125~~ 3,800

Contractor Pejco Constr

Address 6812 Stanton Ave

State Lic. No. B.P.

ZONING AND BUILDING

Use Zone

	Main Use	Acc. Use

Set Back - C/L ST C/L ST

Side Yard Rt Projection

Side Yard Lt Projection

Rear Yard No Parking Sp. Reqd.

Zoning Approved By Date

Group Type Plan Ck.

Remarks: Plan Recorded 9-29-66

FEES

Building Permit $ 26.00

Plan Check $ 13.00 Paid Misc. Rec. No.

Permit Prepared by Bco

Permit Authorized by OCC Date 9-26-66

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regulating building construction.

I hereby certify that I am properly registered with and/or licensed as required by the City of Huntington Beach and/or State of California, or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued I shall not employ any person in violation of the workmen's compensation laws of the State of California.

Signature of Permittee Pejco Const J. H. Lledge Date 9-26-66

INSPECTION RECORD

APPROVAL	DATE	INSPECTOR
Foundation and Location	Pour Called	
Reinforcing		
Roof Shtg.	9-8-66	Regnitz/Jay
Rough Frame	9-13-66	Regnitz/Jay
Lath or Drywall		
Plas. Brown Ct.	Not Required	
Final	9-29-66	Jones/Bco
Utility Release		

VALIDATION BY CASHIER

Plan Check
Bldg Pt. $ 39.00 Bco

Routing: No. 1 Bldg. Inspector No. 2 Office File No. 3 Statistics No. 4 Owner

BUILDING PERMIT

DEPARTMENT OF BUILDING — CITY OF HUNTINGTON BEACH

ZONING AND BUILDING

Use Zone

	Main Use	Acc. Use

Set Back - C/L ST — C/L ST

Side Yard Rt — Projection

Side Yard Lt — Projection

Rear Yard — No Parking Sp. Reqd.

Zoning Approved By — Date

Group — Type — Plan Ck.

Remarks:

FEES

Building Permit $ 5.00	
Plan Check $	Paid Misc. Rec. No.
Permit Prepared by BAS	
Permit Authorized by OCC	Date 8-8-66

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regulating building construction.

I hereby certify that I am properly registered with and/or licensed as required by the City of Huntington Beach and/or State of California, or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued I shall not employ any person in violation of the workmen's compensation laws of the State of California.

Signature of Permittee E. C. Elliott Date 8/8/66

For Applicant to Fill in

№ 43456

Job Address 20011 Lawson Lane

Lot No. 14 Tract No. 5191 Blk. No.

Please Attach Metes & Bounds (2 Copies)

Owner Fay Farmer

Owner's Address

Description of Work Block Wall

Use of Building Dwlg.

Area of Building 47' — Valuation $ 188.00

Contractor E. C. Elliott

Address 1540 E. Cardlewood, Orange

State Lic. No.

INSPECTION RECORD

APPROVAL	DATE	INSPECTOR
Foundation and Location	8-10-66	Hall
Reinforcing		
Roof Shtg.		
Rough Frame		
Lath or Drywall		
Plas. Brown Ct.		
Final	10-31-66	Hall
Utility Release		

VALIDATION BY CASHIER

Plan Check

Bldg Pt. $5.00

BAS

Routing: No. 1 Bldg. Inspector No. 2 Office File No. 3 Statistics No. 4 Owner

1

BUILDING PERMIT

DEPARTMENT OF BUILDING — CITY OF HUNTINGTON BEACH

ZONING AND BUILDING

Use Zone

	Main Use	Acc. Use

Set Back · C/L ST — C/L ST

Side Yard Rt — Projection

Side Yard Lt — Projection

Rear Yard — No Parking Sp. Reqd.

Zoning Approved By — Date

Group — Type — Plan Ck.

Remarks:

FEES

Building Permit $ 5.00

Plan Check $ — Paid Misc. Rec. No.

Permit Prepared by

Permit Authorized by — Date

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regulating building construction.

I hereby certify that I am properly registered with and/or licensed as required by the City of Huntington Beach and/or State of California, or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued I shall not employ any person in violation of the workmen's compensation laws of the State of California.

Signature of Permittee — Date

For Applicant to Fill In

No. 43335

Job 20011 Lawson

Address Fay Farmer & Audrey McLean

Lot No. 14 Tract No. 5-197 Blk. No.

Please Attach Metes & Bounds (2 Copies)

Owner Mrs Farmer & Mr McLean

Owner's Address Same

Description of Work Slab for future Room

Use of Building dwlg

Area of Building 13 x 30 — Valuation $ 136.

Contractor Owner

Address

State Lic. No.

INSPECTION RECORD

APPROVAL	DATE	INSPECTOR
Foundation and Location	8-11-66	Goodwin/Pa
Reinforcing		
Roof Shtg.		
Rough Frame		
Lath or Drywall		
Plas. Brown Ct.		
Final		
Utility Release		

VALIDATION BY CASHIER

Plan Check

Bldg Pt. 5.00

Routing: No. 1 Bldg. Inspector — No. 2 Office File — No. 3 Statistics — No. 4 Owner

S. Side of Adams & Approx 1000' E. of Brookhurst Plan 205

BUILDING PERMIT

DEPARTMENT OF BUILDING — CITY OF HUNTINGTON BEACH

For Applicant to Fill In

No 39014

Job Address: 20011 Lawson Lane

Lot No. 44 Tract No. 5197 Blk. No.

Please Attach Metes & Bounds (2 Copies)

Owner: Craig Dev

Owner's Address: 305 E. Main, Tustin

Description of Work: New

Use of Building: Dwg & 3 car gar

Area of Building: 2167 res ~~438~~ gar575

Valuation $ 32,392 ~~38,151~~

Contractor: Meredith Gardens

Address: Same as owner

State Lic. No.

ZONING AND BUILDING

Use Zone: R-1

	Main Use	Acc. Use
Set Back	C/L ST	C/L ST
Side Yard Rt	Projection	
Side Yard Lt	Projection	
Rear Yard	No Parking Sp. Reqd.	

Zoning Approved By: H. Day Date: 1/13/66

Group: I Type: V Plan Ck.

Remarks:

FEES

Building Permit $ 98.00

Plan Check $ 49.00 Paid Misc. Rec. No.

Permit Prepared by: L S

Permit Authorized by: O C C Date: 1/13/66

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regulating building construction.

I hereby certify that I am properly registered with and/or licensed as required by the City of Huntington Beach and/or State of California, or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued I shall not employ any person in violation of the workmen's compensation laws of the State of California.

Signature of Permittee: Donald B Anderson Date: 1-17-66

INSPECTION RECORD

APPROVAL	DATE	INSPECTOR
Foundation and Location	2-15-66	K
Reinforcing	D 2-21-66	[illegible]
Roof Shtg.	4-13-66	K
Rough Frame	4-27-66	K
Lath or Drywall	5-4-66	K
Plas. Brown Ct.	5-20-66	K
Final	6-16-66	[illegible]
Utility Release		

VALIDATION BY CASHIER

Plan Check

Bldg Pt. 147.00

Routing: No. 1 Bldg. Inspector No. 2 Office File No. 3 Statistics No. 4 Owner

1

Brookhurst Street/Adams Avenue Interchange

Brookhurst Street Adams Avenue Interchange
Huntington Beach, CA 92646

Inquiry Number: 3546203.6
March 22, 2013

The EDR-City Directory Image Report

Environmental Data Resources Inc

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

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

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

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report 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 Report includes a search of available city directory data at 5 year intervals.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

Year	*Target Street*	*Cross Street*	*Source*
2010	☑	☑	Haines Criss-Cross Directory
2005	☑	☑	Haines Criss-Cross Directory
2000	☑	☑	Haines Criss-Cross Directory
1996	☑	☑	Haines Criss-Cross Directory
1990	☑	☑	Haines Criss-Cross Directory
1985	☑	☑	Haines Criss-Cross Directory
1980	☑	☑	Haines Criss-Cross Directory
1975	☑	☑	Haines Criss-Cross Directory
1972	☑	☑	Haines Criss-Cross Directory

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FINDINGS

TARGET PROPERTY STREET

Brookhurst Street Adams Avenue Interchange
Huntington Beach, CA 92646

Year	***CD Image***	***Source***
Brookhurst Street		
2010	pg A1	Haines Criss-Cross Directory
2010	pg A2	Haines Criss-Cross Directory
2005	pg A3	Haines Criss-Cross Directory
2005	pg A4	Haines Criss-Cross Directory
2000	pg A5	Haines Criss-Cross Directory
2000	pg A6	Haines Criss-Cross Directory
1996	pg A7	Haines Criss-Cross Directory
1990	pg A8	Haines Criss-Cross Directory
1985	pg A10	Haines Criss-Cross Directory
1985	pg A9	Haines Criss-Cross Directory
1980	pg A11	Haines Criss-Cross Directory
1975	pg A12	Haines Criss-Cross Directory
1972	pg A13	Haines Criss-Cross Directory

FINDINGS

CROSS STREETS

Year	*CD Image*	*Source*

Adams Avenue

2010	pg. A14	Haines Criss-Cross Directory
2010	pg. A15	Haines Criss-Cross Directory
2005	pg. A17	Haines Criss-Cross Directory
2005	pg. A16	Haines Criss-Cross Directory
2000	pg. A18	Haines Criss-Cross Directory
1996	pg. A19	Haines Criss-Cross Directory
1990	pg. A20	Haines Criss-Cross Directory
1990	pg. A21	Haines Criss-Cross Directory
1985	pg. A23	Haines Criss-Cross Directory
1985	pg. A22	Haines Criss-Cross Directory
1980	pg. A24	Haines Criss-Cross Directory
1975	pg. A26	Haines Criss-Cross Directory
1975	pg. A25	Haines Criss-Cross Directory
1972	pg. A27	Haines Criss-Cross Directory
1972	pg. A28	Haines Criss-Cross Directory

Lawson Lane

2010	pg. A29	Haines Criss-Cross Directory
2005	pg. A30	Haines Criss-Cross Directory
2000	pg. A31	Haines Criss-Cross Directory
1996	pg. A32	Haines Criss-Cross Directory
1990	pg. A33	Haines Criss-Cross Directory
1985	pg. A34	Haines Criss-Cross Directory
1980	pg. A35	Haines Criss-Cross Directory
1975	pg. A36	Haines Criss-Cross Directory
1972	pg. A37	Haines Criss-Cross Directory

City Directory Images

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

Brookhurst Street 2010

19881 A	★ CRIVELLO RISTORANTE ITALIANO	714-593-9099	2
	♣ ★ SAKURAI JAPANESE GRILL	714-968-7065	7
B	★ SUBWAY SANDWICHES	714-378-1093	
C	★ SURF CITY MAIL & MORE	714-963-1477	3
19883	♣ ★ INFINITE SERVICE CENTER	714-963-3200	3
19885	★ HB TANNING	714-887-0100	7
	★ MICHELE'S NAILS	714-964-0680	3
19887	★ SALON DOMANE	714-965-0023	
19891	★ CHINAWOK	714-962-6449	
19893	★ PIZZA HUT DELIVERY OR CARRYOUT	714-962-8999	6
X	ADAMS AVE		
20001	★ BROOKHURST CLASSIC SHELL	714-963-4541	1
	★ NB OIL CO INC 3	714-963-1006	6
20002	★ DOWNEY SVNGS&LN ASN HNTGTN BCH	714-962-2407	
X	MEREDITH DR		
20052	★ GOODYEAR TIRE CENTERS	714-962-3349	8
20061	★ BANK OF AMERICA	714-965-6678	+0
20100	★ BANKERS FUNDING LLC	714-378-9196	5
	★ BEUSEE JERRY	714-965-2244	
	SIRE Jos	714-963-7080	1
X	JON DAY DR		
20111	★ MARKET BROILER HUNTGTN BEACH	714-963-7796	
X	PECK DR		
X	ENDEVER DR		
20902.	BUILDING		
214	★ BEACHCOMBERS HAIR DESIGN	714-968-7466	3
	♣ ★ BEACHVIEW INVSTMT AND CAPTL	714-963-1210	3
	♣ ★ BESTER FUNDING	714-964-6727	8

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

Brookhurst Street 2010

206	★ COATES MONA A PHD	714-968-3418	
	♣ ★ CREATIVE HEALTH CARE SOLUTIONS	714-378-5900	+0
201	★ DE MEULLE INS AGCY INC	714-963-5684	3
	♣ ★ DILLON CECILE PHD	714-964-3030	1
	♣ ★ FARMERS INS HUNTGTN BEACH	714-964-1626	8
	♣ ★ GRANGER INSURANCE AGENCY	714-968-2905	4
	♣ ★ HUSKINS & ASSOCIATES	714-593-6125	
	♣ ★ KANE JEFFREY THE LAW OFC	714-964-6900	7
115	★ LANDSCAPE BY HIRO	714-968-0601	
	♣ ★ LIM ACCOUNTANCY CORP	714-593-8800	+0
110	★ MAMA MIO	714-964-1015	6
	♣ ★ NEXT LEVEL DENTAL DESIGN	714-968-7707	7
	♣ ★ STEPFAMILY PACIFIC COUNSELING	714-964-3030	1
	♣ ★ TEC COLLECTIBLES	714-965-2105	4
	♣ ★ UGO AUTO	714-965-0555	9
699	♣ ★ WOODS CYNTHIA L EA	714-378-2996	1
20902	. . . . .		
20932 208	★ BENDER-HUNTG LSLE FMLY	714-962-3371	3
101	CARLIS Sami A	714-963-4559	
102	★ CHU BEANCA DDS A PRFSNL CORP	714-962-9302	4
	♣ ★ CHU BEANCA DDS PDTRC DNTSTRY	714-962-9302	4
101	★ FAMILY PRACTICE PHYSICIANS	714-963-4559	
	♣ ★ GRAHAM NEIL J MS DDS INC	714-963-1596	
104	★ HAMADA DAVID Z DDS	714-962-3329	
102	★ KING DONALD D DDS	714-962-9302	
	♣ ★ MADANI ABOLGHASSEM DDS	714-965-9870	5
	♣ ★ ORANGE COAST DENTAL SPECIALTY	714-968-5500	8
105	ROSELLINI Remy R	714-962-2497	1
103	★ WIPPLER WILLIAM APC DDS	714-962-3319	1
204	★ WRIGHT RONALD L DDS	714-963-0727	

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

Brookhurst Street 2005

19681	★ CRIVELLO RISTORANTE ITALIANO	714-593-9099	2
	★ HB DIGERIDOO	714-962-0622	+5
	★ MERMAID TREASURE CHEST THE	714-962-0622	+5
19681B	★ SUBWAY SANDWICHES	714-378-1093	
19681	★ SURF CITY MAIL & MORE	714-963-1477	3
19683	★ A CAL WALL COVERING	714-593-8492	+5
	★ INFINITE SERVICE CENTER	714-963-3200	3
	★ INFINITY SERVICE CENTER	714-963-4041	3
	★ OIL PAINTINGS DIRECT	714-378-5181	+5
	★ OSCARS LOCK&SAFE	714-963-6746	6
19685	★ MICHELE'S NAILS	714-964-0680	3

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

Brookhurst Street 2005

BROOKHURST ST 92646 CONT

19887	★ HAIRCUT CO	714-965-0023	
19891	★ K & W CHINA WOK	714-962-6449	6
19893	★ PIZZA HUT	714-962-8999	
X	ADAMS AVE		
20001	★ BROOKHURST CLASSIC SHELL	714-963-4541	1
20002	★ DOWNEY SVNGS&LN ASN HNTGTN BCH	714-962-2407	
X	MEREDITH DR		
20052	★ GOODYEAR TIRE CENTERS	714-962-3349	+5
	★ R KIDS TIRE AND SERVICE NO. 5	714-962-3349	3
20061	★ BANK AM BANKING CT	714-973-8495	2
X	JON DAY DR		
20100	★ BEUSEE JERRY RL EST	714-965-2244	
	★ CENGARD INSURANCE	714-964-3311	
	★ FIRST TEAM REAL ESTATE	714-861-2400	3
	★ FIRST TEAM REAL ESTATE	714-964-3311	+5
	★ TRUTH-IN HOME LOAN	714-964-1067	+5
20111	★ MARKET BROILER	714-963-7796	
X	PECK DR		
X	ENDEVER DR		
20902	BUILDING		
	★ BEACHCOMBERS HAIR DESIGN	714-968-7466	3
	★ BEST AT HOME INC	714-963-4355	3
	★ COATES MONA A PHD	714-968-3418	
	★ DE MEULLE INS AGCY INC	714-963-5684	3
	★ DEXTER ADHESIVE & COATING	714-968-6026	3
	★ DILLON CECILE PHD	714-964-3030	1
	★ FARMERS INS	714-964-1626	+5
	★ FRESH SOURCE PRODUCE	714-964-1333	7
	★ GRANGER INSURANCE AGENCY	714-968-2905	+5
	★ HAUL AWAY BY HIRO	714-968-0601	8
	★ HUSKINS & ASSOCIATES	714-593-6125	0
	★ LANDSCAPE BY HIRO	714-968-0601	8
	★ MAHAN JOHN V INS	714-964-1626	
	★ RENE'S SKIN CARE	714-593-9121	2
	★ STEPFAMILY PACIFIC COUNSELING	714-964-3030	1
	★ TEC COLLECTIBLES	714-965-2105	+5
	★ THE BEACHCOMBERS	714-968-7466	
	★ TREE SERVICE BY HIRO	714-968-0601	8
	★ WOODS CYNTHIA L EA	714-378-2996	1
20902			
20932	★ BENDER-HUNTGTN LSLE FMLY OPTMT	714-962-3371	6
	★ CARLIS SAML A	714-963-4559	
	★ CHU BEANCA DDS A PRFSNL CORP	714-962-9302	+5
	★ DANIEL MARK A DDS	714-962-3319	
	★ FAMILY PRACTICE PHYSICIANS	714-963-4559	
	★ GRAHAM NEIL J DDS MS INC	714-963-1596	
	★ HAMADA DAVID Z DDS	714-962-3329	
	★ HUNTGTN FAMILY OPTOMETRY	714-962-3371	3
	★ JAMES KENNETH E	714-962-3371	
	★ KING DONALD D DDS	714-962-9302	
	★ UNIVRSL APPRAISAL CO	714-968-0448	0
	★ WIPPLER WILLIAM DDS	714-962-3319	1
	★ WRIGHT RONALD L DDS	714-963-0727	8

Target Street	Cross Street	Source
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Brookhurst Street 2000

19881	* BAROLO ITALIAN CAFE	714-378-6071	8
	* FIRST IN PRODUCTS	714-965-0996	8
	* NAILS THE	714-964-0680	+9
	* TALON EXECUTIVE SERVICES INC	714-434-7476	8
19881B	* SUBWAY SANDWICHES	714-378-1093	5
19883	* BALLROOM IS BACK	714-593-5660	+9
	* INFINITY SERVICE	714-963-4041	5
	* OSCARS LOCK&SAFE	714-963-6746	6
19885	XXXX	OO	
19887	* HAIRCUT CO	714-965-0023	5
19891	* CHINA WOK	714-962-6449	6
19893	* PIZZA HUT DELIVERY	714-962-8999	1

Target Street	Cross Street	Source
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Brookhurst Street 2000

BROOKHURST 92646 CONT

20001	★ CLINES DON SHELL SV	714-963-4541	
	★ CLINES TOWING SERV	714-963-4541	
	★ CLINES TOWING SERV	714-963-4545	1
	★ SHELL SERVICE STN DLR	714-963-4541	
20002	★ DOWNEY SVNGS&LOAN ASSN BRNCH	714-962-2407	
20052	★ BEACH CITY GOODYEAR	714-962-3349	
	★ GOODYEAR TIRE CENTERS	714-962-3349	
	★ SCHER TIRE INC	714-962-3349	
20061	XXXX	OO	
X	ADAMS AV		
20100	★ BEUSEE JERRY RL EST	714-965-2244	1
	★ CENGARD INSURANCE	714-964-3311	1
	★ COMPARISON SHOP HOME LOANS	714-963-9663	+9
	★ 1ST TEAM REAL ESTATE	714-964-3311	8
20111	★ MARKET BROILER	714-963-7796	5
X	MEREDITH DR		
20892	● DANESHGAR Bijan	OO	+9
20902	BUILDING		
	★ ALLSTATE INS SALES	714-963-6363	0
	★ BEACHCOMBERS HAIR DESIGN	714-968-7466	
	★ BRUNNER DAVE	714-963-6363	6
	★ CHUN MARIA INC	714-962-7177	6
	★ COATES MONA A PHD	714-968-3418	
	★ DE MEULLE INS AGCY INC	714-963-5684	8
	★ DELLS SKIN CARE	714-593-9121	8
	★ DEVOY MARKETING INC	714-964-1333	7
	★ DIGITAL CONSULTING SERVICES	714-378-5476	+9
	★ EPSILON SYSTEMS GRP	714-964-6550	
	★ EVANS INSURANCE AGENCY	714-378-3188	7
	★ FARMERS INS AGENT	714-378-3188	8
	★ FARMERS INS AGENT	714-964-1626	
	★ GALAXY INTERNET CORP	714-962-0406	+9
	★ GILES JIM	714-963-6363	6
	★ HAUL AWAY BY HIRO	714-968-0601	8
	★ LANDSCAPE BY HIRO	714-968-0601	8
	★ LOUIE GROUP THE	714-964-4566	7
	★ MAHAN JOHN V INS	714-964-1626	
	★ OPTIMUM REIMBURSEMENT SERVICES	714-593-1743	+9
	★ TELE SERVICES CO	714-593-6902	+9
	★ THE BEACHCOMBERS	714-968-7466	
	★ TREE SERVICE BY HIRO	714-968-0601	8
20902			

Target Street	Cross Street	Source
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Brookhurst Street 1996

19881	★COFFEE CLUB	963-7776	4
	★LITTLE SAIGON ADVR	964-2268	4
	★NAILS TODAY	964-0680	8
	★POSTAL ANNEX	963-6999	
	★TALON EXECUTIVE SVS	434-7476	+5
B	★SUBWAY SANDWICHES	378-1093	+5
19883	★CENTURY 21 BERG	962-8891	
	★INFINITY SERVICE	963-4041	+5
19885	★YES ONE HOUR CLNRS	968-3428	
19887	★HAIRCUT CO	965-0023	+5
19891	★HOP INN ORIENTAL	962-0662	4
19893	★PIZZA HUT DELIVERY	962-8999	1
20001	★CLINES DON SHELL SV	963-4541	
	★CLINES TOWING SERV	963-4541	
	★CLINES TOWING SERV	963-4545	1
	★SHELL SV STA DEALER	963-4541	
20002	★DOWNEY SVNG&LN	962-2407	
	★DOWNEY SVNG&LN	962-5498	1
	★DOWNEY SVNGS&LOAN	964-1887	3
20052	★BEACH CITY GOODYEAR	962-3349	6
	★GOODYEAR TIRE CNTR	962-3349	
	★SCHER TIRE INC	962-3349	8
20061	★BANK AM	973-8495	4
20100	★BEUSEE JERRY RL EST	965-2244	1
	★CENGARD INSURANCE	964-3311	1
	★FIRST TEAM REAL EST	964-3311	1
20111	★MARKET BROILER	963-7796	+5
20902.....	BUILDING		
	★ALLSTATE INS SALES	963-6363	0
	★B R E PRODUCTS INC	965-7776	+5
	★B&R&E PRODUCTS INC	965-7179	3
	★BEACH COMBERS HAIR	968-7466	
	★BEACHCOMBERS HR DSG	968-7466	
	★COATES MONA A PHD	968-3418	
204	★DEMEULLE INS AGENCY	963-5684	
	★EPSILON SYSTEMS GRP	964-6550	
	★FARMERS INS	964-1626	
	★J R J ACTONWEAR INC	962-7177	+5
110	★JACOBSEN GENE	964-1626	
	★JACOBSEN&MAHAN	964-1626	
	★MAHAN JOHN V	964-1626	8
	★MAY JAMES A LCSW	968-3454	
	★MAY JIM LCSW	968-3454	
	★S A C BILLING SERVS	965-5376	3
	★SENIOR CARE REFERRL	968-8153	0
	★THE BEACHCOMBERS	968-7466	8
	★WAHRENBROCK M CPA	963-1898	3
20902.....			
20908	XXXX	00	

Target Street	Cross Street	Source
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Brookhurst Street 1990

19881	★HEIDIS FROGEN YOZRT	963-7776	8
	★NAILS TODAY	964-0680	8
	★SUBWAY SANDWICHES	962-9811	8
	★TURTLE DOVE INC	962-3543	8
19883	★CENTURY 21 BERG	962-8891	
	★KAOS TV&VIDEO	963-7792	8
	★TAN&TONE TODAY	964-9981	9
19885	★RUG DOCTOR RENTS	968-3428	3
	★YES ONE HOUR CLNRS	968-3428	
19887	★HOUSEHOLD FINANCE	962-6633	7
19891	★BEST TRAVEL SERV	964-3855	6
19893	★GREAT EARTH VITAMIN	963-5694	6
20001	★CLINES DON SHELL SV	963-4541	
	★CLINES TOWING SERV	963-4541	
	★SHELL SERV STN HB	963-4541	
20002	★DOWNEY SVNG&LN	962-2407	
20052	★BEACH CITY GOODYEAR	962-3349	6
	★GOODYEAR TIRE CNTR	962-3349	
	★SCHER TIRE INC	962-3349	8
20061	★SECURITY PAC	963-4564	
20111	★CASA CAMINO RESTRNT	963-9748	1
	★PLATANOS CASA REST	963-9748	8
20902	BUILDING		
	★ALLSTATE INS SALES	963-6363	+0
	★AMSTAR APPRAISAL SV	965-0112	+0
	★BEACH CMBRS HR DSGN	968-7466	
	★BEACHCOMBERS HR DSG	968-7466	
	★COATES MONA A PHD	968-3418	2
204	★DEMEULLE INS AGENCY	963-5684	
	★ELITZAK JACK	965-0112	+0
	★EPSILON SYSTEMS GRP	964-6550	5
	★ESTEEM	968-6693	7
	★EXCALIBUR MORTGAGE	964-5958	6
	★F WM BAYNE APPRSL	962-5400	+0
	★FARMERS INS	964-1626	
	★HOKENSON RESOURCE	965-1075	+0
	★J F MORTGAGE CO	963-5087	+0
110	★JACOBSEN GENE	964-1626	
	★JACOBSEN GENE	549-3184	
	★JACOBSEN&MAHAN	964-1626	
	★KING AMER	963-6977	+0
	★M V E ONE	963-6772	+0
	★MAHAN JOHN V	549-3184	
	★MAHAN JOHN V	964-1626	8
	★MAY JAMES A LCSW	968-3454	
	★MAY JIM LCSW	968-3454	
	★MCCLOUGHEN CYNTHIA	549-3184	
	★REALTY WORLD SRFSDE	963-8966	9
	★SENIOR CARE REFERRL	968-8153	+0
	★THE BEACHCOMBERS	968-7466	8
	★THEE FNST CRPT CLNG	964-3655	8
	★THOMAS JANE AGENCY	962-8296	9
	★TYPE BY KATHRYN	963-6670	+0
	★VIKING PUMP	968-7304	8
20902			
20908	XXXX	00	
20932	BUILDING		
	★CARLIS SAML A	963-4559	4
	★DANIEL MARK A DDS	962-3319	
	★FAMILY PRCTC PHYSCN	963-4559	7
	★FREEMAN NEAL S DDS	963-0727	
	★GRAHAM NEIL DDS MS	963-1596	
	★HENDERSON BRYN J DO	963-4559	
	★HUNTGTN BCH OPTMTRC	962-2400	+0
	★JAMES KENNETH E OD	962-3371	
	★KING DONALD D DDS	962-9302	
	★PECCHIA GREGORY DO	963-4559	5
	★ROSELLINI DAVEY DDS	962-3329	
	★ROSELLINI REMY MD	962-2497	
	★UNIVRSL ADJUSTING	968-0448	7
20932			

Target Street	Cross Street	Source
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Brookhurst Street 1985

19881	LOVES WOOD PIT BBQ	962-1341	
19883	CENTURY 21 BERG	962-8891	9
19885	RUG DOCTOR RENTS	968-3428	3
	YES ONE HOUR CLEANR	968-3428	
19887	HOUSEHLD FNC HB	962-6633	0
19891	XXXX	00	
19893	COAST SVNGS&LN ASSN	963-4540	8
20001	CLINES DON SHELL SV	963-4541	
	CLINES TOWING SERV	963-4541	
	SHELL SERV STN HB	963-4541	
20002	DOWNEY SVG LN HNTGN	962-2407	
20052	GOODYEAR TIRE CNTRS	962-3349	
20061	SECURITY PAC BK HB	968-4411	
	SECURITY PAC BK HB	963-4564	
20100	APPROVED HOME INC	964-8894	+5
	MERRILL LYNCH RLTY	963-1319	4
20111	CASA CAMINO RESTRNT	963-9748	1
20902.....	BUILDING		
	AMER PAC	963-2044	+5
	ANDERSON BONNIE	964-1626	2
	AROMALENE OIL CO	963-8664	+5
	B G N LTD	963-2822	0
	BEACH CMBRS HR DSGN	968-7466	
	BEACHCOMBERS HR DSG	968-7466	6
	CENTURY 21	963-0961	
	CENTURY 21 ALLCOAST	963-0961	4
	CENTURY 21 BEACHSDE	963-7010	+5
	CENTURY 21 LOCKHART	962-8847	4
	COATES MONA A PHD	968-3418	2
	COOK INVESTMENTS	963-0162	2
114	COSMO WORLD TRAVEL	962-5519	6

Target Street	Cross Street	Source
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Brookhurst Street 1985

BROOKHURST 92646 CONT..

204	DEMEULLE INS AGENCY	963-5684	7
	DILLON CECILE PHD	964-3030	+5
	EPSILON SYSTEMS GRP	964-6550	+5
	EXIDE ELECTONICS	964-9779	4
	FARMERS INS AGENT	963-5684	7
	FARMERS INS AGENT	964-1626	9
	GRUSSING THEODORE	964-5205	0
	IMSCO PACIFIC INC	962-4969	+5
110	JACOBSEN GENE	964-1626	4
	JACOBSEN GENE	549-3184	9
	JACOBSEN&MAHAN	964-1626	
	MAHAN JOHN V	549-3184	7
	MAY JAMES A LCSW	968-3454	3
	MAY JIM LCSW	968-3454	
	MCCLOUGHEN CYNTHIA	549-3184	
	ON TAP WATER CO	964-1776	4
	ORBISPHERE	964-2410	2
	PAC STHWSTRN INVEST	963-3122	+5
	REAL GUILD INVSTMTS	964-6009	+5
	REALTY WRLD BCHSD	963-7010	2
	RED CARPET RL EST	962-5511	
	ROBERTS REAL ESTATE	962-5511	4
	ROMALENE OIL CO	963-8664	+5
	S H D CONSULTANTS	964-6449	+5
	SEAPORT ACCOUNTING	964-7773	+5
	SMITH G K MD	964-5002	2
	STEPFAMILY PAC CNSL	964-3030	+5
	SUBURBIA REAL EST	963-3122	+5
	SUNSET FUND THE	963-3122	+5
20902			
20932	BEACH CITIES HEARNG	964-7906	+5
	BELANGER ROBT D DO	963-4559	6
	CARLIS SAML A INC	963-4559	4
	DANIEL MARK A DDS	962-3319	0
	FORD JULIE H DDS	962-3319	1
	FREEMAN NEAL S DDS	963-0727	8
	GRAHAM NEIL J DDS	963-1596	0
	HENDERSON BRYN J DO	963-4559	7
	HICKLE DALLAS H DDS	963-0727	+5
	JAMES KENNETH E OD	962-3371	
	KING DONALD D DDS	962-9302	8
	PECCHIA GREGORY DO	963-4559	+5
	ROSELLINI DAVEY DDS	962-3329	
	ROSELLINI REMY MD	962-2497	

Target Street	Cross Street	Source
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Brookhurst Street 1980

19881	LOVES WOOD PIT BBQ	962-1341	2
19883	CENTURY 21 BERG	962-8891	
	CENTURY 21 HB	962-8891	9
19885	YES ONE HOUR CLEANR	968-3428	2
19887	HOUSEHLD FNC HB	962-6633	+0
19891	XXXX	00	
19893	COAST FDRL SVGS&LN	963-4540	8
20001	CLINES DON SHELL SV	963-4541	
	CLINES TOWING SERV	963-4541	9
	SHELL SERV STN HB	963-4541	5
20002	CAL WESTERN LIFE	963-5021	+0
	DOWNEY SVG LN HNTGN	962-2407	4
	LENOC FINANCIAL	963-0996	8
	MIYAZAKI INS AGENCY	963-5021	8
	PERFORMANCE DYNO TN	962-6676	9
	RICCI THOMAS E	556-0630	8
	RICCI THOS E	963-9863	8
	STATE FARM INS CO	963-9863	7
20052	GOODYEAR TIRE CENTR	962-3349	5
20061	SECURITY PAC BK HB	968-4411	2
	SECURITY PAC BK HB	963-4564	4
20100	SUN REAL ESTATE SC	964-2611	
	SUN REALTY	964-2611	9
	SUN REALTY ESCROW	964-2521	+0
	SUN REALTY HB	964-2611	9
20111	ELCAMINO REAL	963-9748	7
20892	XXXX	00	
20902.....	BUILDING		
	A J&ASSOC ADVERTSNG	968-5430	+0
	B G N LTD	963-2822	+0
	BEACHCOMBER	968-7466	6
	COAST WSTRN DVLPMNT	751-1711	+0
	COAST WSTRN DVLPMNT	968-8908	+0
	COLONIAL REAL EST	963-8961	6
	COMMERCIAL&IND ENGR	968-4622	+0
114	COSMO WORLD TRAVEL	962-5519	6
	DEMEULLE INS AGENCY	963-5684	7
	DEMEULLE WILLLAM C	963-5684	
	DIAMOND LISTING CO	964-3000	+0
	EDUCATNL FLM PRDCTN	968-4622	+0
	ELLIOTT MATHEW	968-4622	+0
	FARMERS INS GROUP	964-1626	9
	FARMERS INS HNTNGTN	963-5684	7
	FIRST PIONEER RLTY	842-4421	7
	GEM TECHNOLOGIES	964-1915	+0
	GRUSSING THEODORE	964-5205	+0
105	HENDRIE BONDING&INS	963-8949	6
	J R PRODUCTS CO	964-1288	8
	JACOBSEN GENE	549-3184	9
	JACOBSEN GENE	964-1626	9
	MAHAN JOHN	964-1626	9
	MAHAN JOHN J	549-3184	+0
205	MAHAN JOHN V	549-3184	7
	MAHAN MCCLOUGHEN	964-1626	9
	MATHIES ZOE RL EST	963-6301	+0
	MCCLOUGHEN CYNTHIA	549-3184	+0
	MCCLOUGHEN CYNTHIA	964-1626	9
	MCDONNELL ROBT J	964-1224	+0
	NATL INST CNSMR EDC	968-4622	+0
	PACIFIC PRCSN INCTV	964-4977	+0
	PIONEER REALTY 1ST	842-4421	7
	PROFESNL PAC INVSTM	964-4845	+0
	PUBLIC TAX CNSLTNTS	962-1828	7
	SCIENTIFC GEMOLOGCL	963-5625	9
	SIRE REAL ESTATE	963-7080	8
	SOMMERFELD SAM	963-5684	7
	SURETY LIFE INS	963-8949	8
	UNIVRSL DIAMND INDS	964-2596	9
20902.....			

Target Street	Cross Street	Source
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Brookhurst Street 1975

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19881*LOVES WOOD PIT BRBC962-1341 2
19883*INTERIOR TEXTILES  968-1844+5
19885*YES ONE HOUR CLEANR968-3428 2
19887*HOUSEHOLD FINANCE  962-6633
19891*CENTURY 21 BERG RLT962-8891+5
     *CENTURY 21 REALTY  962-8891+5
     *DICK BERG REALTY   962-8891 4
19893*PROVIDNT FED SVG&LN963-4540+5
20001*BAILEYS SHELL SERV 963-4541 4
     *SHELL SRV STN DLRS 963-4541+5
20002*DOWNEY SVGS&LN ASSN962-2407 4
20052*GOODYEAR TIRE&RBBR 962-3349+5
20061*SECURTY PAC CHECKNG963-4564 4
     *SECURTY PAC NATL BK968-4411 2
20111  XXXX              OO
20892  XXXX              OO
20932...BUILDING
 103 *ADAMS ARTHUR F DDS 962-3319
     *CHAPMAN GERALD L   962-3329 4
     *CYRIL IRVING M MD  962-4416
 201 *FEMINO JOHN A MD   962-2401
 207 *GIN OCK MIN MD     962-5501 3
 102 *GRAHAM NEIL J DDS  962-2405
 204 *HOFFMAN IRWIN D DDS962-6671
 205 *JAMES KENNETH E DR 962-3371
     *ORG CO OPTOMTRC SOC556-3821+5
 105 *ROSELLINI D G DDS  962-3329
 105 *ROSELLINI R R MD   962-2497
 201 *TORRES DANL J MD   962-6694
20932.......................
20951...BUILDING
      AYERS DONALD B JR  540-4207 3
     *AYRES FRANK H&SON  962-6683 2
      BARNES JOHN W      962-8861+5
     *BARNES SMITH ELY   962-8861+5
      ELY THOS W         962-8861+5
     *NIGUEL INTERIORS   962-6666 2
      PAUL RICHARD L     962-8861+5
     *REAL ESTATE MCVAY  968-4456 2
      SMITH RONALD S     962-8861+5
     *VALLEY CONSULTANTS 962-4464 2
      WADLEIGH DONAL     962-8861+5
      WELKE CURTIS CARL  962-8861+5
20951.......................
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Brookhurst Street 1972

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19801*HNTGN CNTNTL TWNHSE968-2744
19822...CALIFORNIA APTS
       ARNOLD RODNEY R     968-8377+2
       BALLARD W J JR      968-3269+2
       BOLT T BRUCE        968-1324+2
  1F   BROWN WILMER        968-6743
  2D  *CALIFORNIAN APTS    962-2981
  8C   CALTABIANO JOS      968-1217
       CLARK ELIZABETH     962-2269+2
       COWLES ERMA         962-7027+2
       CRISLOP RON         968-7076+2
       EVANS PAT           968-9550+2
  8A   EVERTON MORRIS      968-5722
       FARBER PAUL         962-3643+2
       GOERKE DAVE         968-7076+2
       HOLBROOK PAMELA     968-8298+2
  7F   HOWARD ROBT S       968-6591
       KALCOW VIRGINIA     968-0935+2
  4A   KLEIN REINHOLD F    968-9215
       KONRAD GEO P        968-9791+2
       MALEC TOM           968-7076+2
  7C   MANGOLD JOHN M      968-7158
       MIER JOHN A JR      968-6586+2
  5B  *MODER ART           968-1067
       MOHN ETHEL          962-1076+2
       MONTGOMERY GAIL     968-0574+2
       PARKS JAS D         968-6192+2
       RUST ALMOND         962-6754+2
       SCHARFE RENE        962-3760+2
       SPADY ROBT A        968-9871+2
       SPICKARD DOUGLAS V  962-1201+2
       STARR WM B          968-4665+2
       TAMALUNAS JUSTIN J  962-5220+2
       THILGES GALE W      962-8078+2
       TRAPANI ANTHONY     968-4115+2
       TRAPP RONALD        962-3760+2
       VISOSKY GEO         962-0585+2
  2G   WILLIAMS PAUL L     968-1570
19822.......................
19881*LOVES WOOD PIT BRBC962-1341+2
19885*YES ONE HOUR CLEANR968-3428+2
19887*HOUSEHOLD FINANCE   962-6633
19891*BERG DICK REALTY    962-2421
      *DICK BERG REALTY   962-2421
20001*BAILEYS SHELL SERV 968-8500
20111*FARRELLS ICE CREAM 968-3369
      *TAVAGLIONE CNSTRCTN962-9259
20371*PARK HNTNGTN DVLPMT968-8331
20932...BUILDING
 103  *ADAMS ARTHUR F DDS 962-3319
      *CYRIL IRVING M MD  545-1821
      *CYRIL IRVING M MD  962-4416
 201  *FEMINO JOHN A MD   962-2401
      *GRAHAM NEIL J DDS  962-2405
      *HOFFMAN IRWIN D DDS962-6671
 205  *JAMES KENNETH E DR 962-3371
      *ROANEY ROBT M MD   962-4468
 105   ROSELLINI D G DDS  962-3329
 105   ROSELLINI R R MD   962-2497
 201  *TORRES DANL J MD   962-6694
20932.......................
20951*AYRES FRANK HOSON   962-6683+2
      *NIGUEL INTERIORS   962-6666+2
      *REAL ESTATE MCVAY  968-4456+2
      *VALLEY CONSULTANTS 962-4464+2
21142 CAREY JOHN P        968-7287
21422*COL SANDERS CHICKEN968-7161
      *KENTUCKY FRIED CHKN968-7161
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Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

Adams Avenue 2010

9891	★ CUGINI & LUCAS MFG INC	714-964-1214	
9901	★ ALL BRANDS SEWING CENTERS	714-593-3043	
	★ JO-ANN FABRICS & CRAFTS	714-963-4992	1
9941	★ TIME CENTER	714-962-6220	
9951	XXXX	OO	
9961	★ DIGI PHOTO	714-963-1863	3
	★ HB YOGURTLAND	714-968-8212	8
9971	★ WELLS FRGO HUNTGTN BEACH	714-378-1880	7
X	BROOKHURST ST		
10001	★ STARBUCKS COFFEE COMPANY	714-962-3478	7
10011	★ BEACHMONT PLAZA	714-962-1322	6
	★ CVS PHARMACY	714-963-8391	
10028	★ SUBODH SWAROOP DDS	714-962-4070	6
10030	o MARKWITH John	714-968-3655	1
10032	★ GOSKA'S SHEAR MADNESS	714-962-4747	
10034	★ LAPTOPS 4 LESS	714-965-0142	1
10035	♣ ★ AT & T HUNTGTN BEACH	714-965-4685	8
	♣ ★ BEST CLEANERS	714-968-0879	7
	♣ ★ JERSEY MIKE SUBS	714-963-7400	7
	♣ ★ Z PIZZA	714-968-8844	7
10036	★ EDWARD JONES HUNTGTN BEACH	714-963-6644	8
10038	XXXX	OO	
10042	★ LIVING WATER	714-593-3315	2
10044	★ CHASE HOME FINANCE	714-378-1691	5
	★ KEVIN LE STUDIO	714-963-0900	+0
10046	★ ANNA'S NAILS	714-963-6222	
10052	★ VISICHIO CHIROPRACTIC CORP	714-968-2093	7
10054	★ MM TAILOR	714-968-9272	3
10056	★ ROYAL DONUT& BAKERY	714-378-0980	
10061	♣ ★ BEARS BUDDIES & TOYS	714-968-4050	7
	♣ ★ YOYUMYUM	714-965-6600	8
10072	★ KRAGEN ATO PARTS HUNTGTN BCH	714-593-6156	3
10076	★ SHIMA RESTAURANT	714-593-8784	2
10078	★ EGG ROLL KING	714-378-8612	
10081	XXXX	OO	
10084	★ LAMPOST PIZZA	714-963-9757	
10085	♣ ★ RALPHS GROCERY STORE 20	714-378-0881	6
	♣ ★ US BANK	714-964-2149	6
10086	★ HUNTGTN FLOWER	714-963-1655	4
10088	★ BEACHSIDE OPTOMETRY	714-962-9377	3
10090	★ H B BEAUTY SUPPLY & SALON	714-968-0451	3
X	PICCADILLY LN		
10104	★ COAST CITIES ESCROW	714-378-9000	3
10106	XXXX	OO	
10110	★ OC AQUATIC TROPICAL FISH	714-965-7888	3
10111	♣ ★ FRED LEE DDS	714-963-3555	8
113	★ HAPPY NAILS AND SPA	714-968-2023	7
109	★ NUTRISHOP	714-962-2900	7
	♣ ★ NUTRISHOP HUNTGTN BEACH	714-907-4881	7
10112	★ HOLIDAY BARN BOUTIQUE	714-962-7729	+0
10114	★ STATER BROS MARKETS HNTGTN BCH	714-963-0949	1
	★ SUPER RX PHARMACY	714-593-3700	2
10116	★ MARKWITH JOHN	562-860-2484	6
	★ SUPERCUTS HUNTGTN BEACH	714-962-8807	3
10118	★ R CLEANERS	714-964-3767	
10120	★ NEW WAVE SURF & SKATE	714-963-0493	7
	★ REAL ESTATE SOLUTIONS	714-887-0300	6
10122	★ HUNTGTN BEACH COIN EXCHANGE	714-963-0038	3
10124	★ SIMONE&SON FNE JWLRY&CSTM DSGN	714-964-4012	
10126	♣ ★ NATIONWDE INSURANCE	714-964-3636	6
10130	★ ADAMS PET CLINIC	714-964-1605	

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

Adams Avenue 2010

10132	★ SLIZGI GARY	714-378-0777	4
10136	★ DENNY'S HUNTGTN BEACH	714-963-8881	
10156	★ JOHANSEN HAIR STYLIST	714-593-8312	3

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

Adams Avenue 2005

9891	★ CUDINI & LUCAS MFG JEWELERS	714-964-1214	
	★ GRADUATE GEM LAB	714-963-8770	
9901	★ ALL BRANDS SEWING CENTERS	714-593-3043	9
	★ JO-ANN FABRICS & CRAFTS	714-963-4992	+5
9941	★ TIME CENTER	714-962-6220	
9951	★ STERLING OPTICAL	714-968-4111	3
	★ VISTA ACQUISITION LLC	714-968-4111	2
9961	★ DIGI PHOTO	714-963-1863	3
9971	★ PAC PREMIER BANK	714-593-6940	0
X	BROOKHURST ST		
10011	★ SAV-ON DRUGS	714-963-8391	9
10028	★ ADAMS BROOKHURST DENTAL CENTER	714-962-2402	
	★ HUNTGTN BCH DENTAL GROUP	714-962-2402	
	★ WILHELM DAVID F DDS	714-962-2402	

Target Street	Cross Street	Source
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Adams Avenue 2005

ADAMS AVE 92646 CONT

10030	XXXX	OO	
10032	★ DANIELLE	714-964-2266	
	★ GOSKA S SHEAR MADNESS	714-962-0488	3
	★ GOSKAS SHEAR MADNSS	714-962-4747	
	★ SHEAR MADNESS	714-962-4747	6
10034	★ COMPUTER REPAIR&NETWORKING	714-965-0142	1
10036	★ PHYSIQUE 30 MINUTES MN'S FTNSS	714-964-2446	+5
10038	★ TOOTH EFFECTS	714-964-3093	7
	★ TOOTH EFFECTS	714-963-1904	7
10039	★ SANDWICH CELLAR	714-968-1575	
10041	XXXX	OO	
10042	★ LIVING WATER	714-593-3315	2
10044	★ HELP U SELL SOUTH HUNTGTN BCH	714-593-5500	3
	★ WARD MECHANICAL	949-675-1120	7
10046	★ ANNA'S NAILS	714-963-6222	8
10052	★ LADIES WORKOUT EXPRESS	714-962-1353	+5
10054	★ MM TAILOR	714-968-9272	3
10056	★ ROYAL DONUT&BAKERY	714-378-0980	8
10072	★ KRAGEN AUTO PARTS	714-593-6156	3
10076	★ SHIMA RESTAURANT	714-593-8784	2
10078	★ EGG ROLL KING	714-378-8612	8
10084	★ LAMPOST PIZZA	714-963-9757	
10086	★ HUNTGTN FLOWER	714-963-1655	+5
10087	XXXX	OO	
10088	★ ARBOLEDA LINDA OD	714-962-9377	3
	★ BEACHSIDE OPTOMETRY	714-962-9377	3
	★ GERMUNDSEN KEVIN OD	714-962-9377	3
	★ WEK IRVIN OD	714-962-9377	3
10090	★ HB BEAUTY SUPPLY & SALON	714-962-5775	3
	★ HB BEAUTY SUPPLY & SALON	714-968-0451	3
X	PICCADILLY LN		
10097	XXXX	OO	
10101	★ SOUTHCOAST AUTOSOUND&PRFRMN-C	714-593-4711	2
10104	★ COAST CITIES ESCROW	714-378-9000	3
10106	★ PAPPAS KOSMAS DDS INC	714-962-7797	3
10110	★ OCEAN REEF TROPICAL FISH	714-965-7888	3
10112	★ PAT'S HALLMARK STORE	714-963-4064	+5
10114	★ STATER BROS MARKETS	714-963-0949	1
	★ SUPER RX PHARMACY	714-593-3700	2
10116	★ SUPERCUTS	714-962-8807	+5
10118	★ R CLEANERS	714-964-3767	
10119	XXXX	OO	
10120	★ MATRIXNET	714-963-9383	3
10122	★ HUNTGTN BEACH COIN EXCHANGE	714-963-0038	3
10124	★ JEWELERS EXCHANGE THE	714-964-4012	7
	★ SIMONE&SON FNE JWLRY&CSTM DSGN	714-964-4012	1
10126	★ PLATINUM PLUS RECORDS	714-378-0267	3
10128	★ KOTLER'S ALTERATIONS	714-968-8828	3
	★ KOTLER'S SEWING CENTER	714-968-8828	3
	★ SINGER COMPANY THE	714-968-8828	3
10130	★ ADAMS PET CLINIC	714-964-1605	
10132	★ LUCY'S FLUFF & FOLD	714-378-0777	+5

Target Street	Cross Street	Source
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Adams Avenue 2000

9901	★ ALL BRANDS SEWING CENTERS	714-593-3043	+9
	★ JO ANN FABRICS&CRAFTS	714-963-4992	+9
9911	XXXX	OO	
9941	★ TIME CENTER	714-962-6220	
9951	★ FRAME N LENS	714-968-4111	
	★ PROCARE EYE EXAM INC	714-962-2845	+9
9961	★ MOTO PHOTO	714-963-1863	
9971	● FAINBARG Allan	OO	+9
10001	● LAVENTHOL Richard	OO	+9
	★ RALLYS RESTAURANT NO 309	714-968-3929	6
10007	XXXX	OO	
10011	★ SAV ON DRUG PHARMACY	714-847-1848	+9
	★ SAV ON DRUG PHRM GN MDSE	714-963-8391	+9
10024	XXXX	OO	
10026	XXXX	OO	
10028	★ ADAMS BROOKHURST	714-962-2402	
	★ HUNTGTN BCH DENTAL GROUP	714-962-2402	
	★ WILHELM DAVID F DDS	714-962-2402	
10030	★ PERFECT IMAGE VIDEO PRDCTNS	714-968-4497	+9
10031	XXXX	OO	
10032	★ DANIELLE	714-964-2266	1
	★ GOSKAS SHEAR MADNSS	714-962-4747	4
	★ SHEAR MADNESS	714-962-4747	6
10033	XXXX	OO	
10034	XXXX	OO	
10036	★ BROOKHURST TRAVEL	714-968-3366	
	★ SOUTH COAST VISAS	714-963-8464	3
10038	★ TOOTH EFFECTS	714-963-1904	7
	★ TOOTH EFFECTS	714-964-3093	7
10039	★ SANDWICH CELLAR	714-968-1575	
10041	★ ARBOLEDA LINDA OD	714-962-9377	8
	★ GERMUNDSEN KEVIN OD	714-962-9377	8
	★ WEK IRVIN OD	714-962-9377	
10042	★ WATER SOURCE	714-593-3315	+9
10043	XXXX	OO	
10044	★ AMER FRNTR&EQP REFURBISHING	714-964-5000	3
	★ CA SURVEYS FOR BUS	714-963-0400	3
	★ DREAM IMAGE INC	714-901-4258	+9
	HUDSON Marie E	714-968-6383	5
	★ MAIL BOXES ETC	714-968-3778	+9
	★ WARD MECHANICAL	949-675-1120	7
10045	★ DARK STAR COMICS&GAMES	714-965-1751	+9
10046	★ ANNAS NAILS	714-963-6222	8
10050	XXXX	OO	
10052	XXXX	OO	
10054	★ MM TAILOR	714-968-9272	8
10055	XXXX	OO	
10056	★ ROYAL DONUT&BAKERY	714-378-0980	8
10057	★ HUNTGTN BCH COIN EXCHANGE	714-963-0038	
10059	★ CENTER SHOE REPAIR	714-962-8422	
10061	★ HONDA JEWELERS	714-968-2212	
10063	XXXX	OO	
10065	XXXX	OO	
10067	XXXX	OO	
10071	● COWGILL Bruce	OO	+9
10072	★ KRAGEN AUTO PARTS	714-593-6156	+9
10076	★ YOSHIDA	714-962-6628	+9
10078	★ EGG ROLL KING	714-378-8612	8
10080	XXXX	OO	
10081	XXXX	OO	
10084	★ LAMPPOST PIZZA	714-963-9757	
10085	XXXX	OO	
10086	XXXX	OO	
10087	★ A ADAMS BROOKHURST DENTAL BLDG	714-962-7797	2
	★ PAPPAS KOSMAS DDS	714-962-7797	
10088	★ TAEKEUKMUSOOL MARTIAL ARTS	714-378-9443	8
10089	XXXX	OO	
X	PICCADILLY LN		
10097	★ JEVAUNS	714-963-6447	
	★ JEVAUNS SHUTTERS	714-963-6447	
	★ JEVAUNS WORLD OF WALLPAPER	714-963-6447	
10101	★ HAIR SHACK	714-968-6333	
10104	XXXX	OO	
10106	XXXX	OO	
10109	★ BEST CLEANERS	714-962-6536	5
10110	★ HAIRCUT STORE THE	714-963-7569	
10111	★ PETLAND HUNTINGTON BEACH	714-963-4887	
10112	★ MELROSE SOUTH	714-378-9193	+9
10114	★ ALBERTSONS FD	714-963-0949	
	★ ALBERTSONS FD PHARMACIES	714-963-0959	6
10115	● COWGILL Bruce	OO	+9
	★ CRAZY BOBS WESTERN WEAR	714-964-0164	7
10116	★ CARDINAL PAUL	714-968-3655	4
	★ STATE FARM INS AGNT	714-968-3655	4
10118	★ R CLEANERS	714-962-9007	
	★ R CLEANERS	714-964-3767	
10119	★ SPLASH A UNIQUE HAIR&NAIL	714-963-7336	
10120	XXXX	OO	
10121	● COWGILL Deborah	OO	+9
	★ VILLA BELLA	714-963-7046	+9
10122	★ HOPELESS ROMANTIC	714-962-0223	+9
10124	★ JEWELERS EXCHANGE THE	714-964-4012	7
10126	XXXX	OO	
10128	XXXX	OO	
10130	★ ADAMS PET CLINIC	714-964-1605	
	★ BOODMAN NEIL M DVM	714-964-1605	4
	★ LUNDHOLM DON E DVM	714-964-1605	
10136	★ DENNYS RSTRNT	714-963-8881	

Target Street	Cross Street	Source
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Adams Avenue 1996

9901	*L A TRONICS	964-4400
9911	XXXX	00
9941	*TIME CENTER	962-6220
9951	*FRAME N LENS	968-4111
9961	*MOTO PHOTO	963-1863
9971	*COAST FEDERAL BANK	963-4540
10007	XXXX	00
10011	*SAV ON DRUG MDSE	962-3354
	*SAV ON DRUG PHAR	963-8391
10024	XXXX	00
10026	XXXX	00
10028	*ADAMS BROOKHURST	962-2402
	*HUNTGTN BCH DENTAL	962-2402
	*WILHELM DAVID F DDS	962-2402
10031	XXXX	00
10032	*DANIELLE	964-2266
	*GOSKAS SHEAR MADNSS	962-4747
10033	*MR FISH&CHIPS	964-1473
10034	XXXX	00
10036	*BROOKHURST TRAVEL	968-3366
	*SOUTH CST VISAS	963-8424
10038	*CUSTOM CREATV CERMC	964-3093
10039	*SANDWICH CELLAR	968-1575
10041	*WEK IRVIN DR	962-9377
10042	*WATER SOURCE	962-7992
10043	ENGELMAN John DC	964-1980
10044	*AMER FURN REFRBSHNG	964-5000
	*CA SURVEYS FOR BUS	963-0400
	*FIREPROS	965-4100 +5
	HUDSON Marie E	968-6383 +5
	*MAIL BOXES ETC	968-3778
	*WESTRN UNION	968-3778 +5
10045	XXXX	00
10046	*ANNAS NAILS	963-6222
10050	XXXX	00
10052	XXXX	00
10054	*M M TAILOR	968-9272 +5
10055	*DARK STARK COMICS	965-1751 +5
10056	*DUNKIN DOUGHNUTS	378-0980
10057	*HUNTGTN BCH COIN	963-0038
10059	*CENTER SHOE REPAIR	962-8422
10061	*HONDA JEWELERS	968-2212
10063	*JOHNS PRO TAILORING	962-7895
10065	XXXX	00
10067	XXXX	00
10069	XXXX	00
10071	XXXX	00
10072	*OSHMANS SPRTG GOODS	964-1677
10076	*TIME SQUARE DELI	964-2737 +5
10078	*EGG ROLL KING	964-4429
10080	XXXX	00
10081	XXXX	00
10084	*LAMPPOST PIZZA	963-9757
10085	XXXX	00
10086	*MUGS N HUGS	968-9848 +5
10087	*A ADAMS DENTAL BLDG	962-7797
	*PAPPAS KOSMAS DDS	962-7797
10088	*KIMS BLCKBLT ACDMY	962-0088
10089	*OSCARS LOCK&SAFE	963-6746
10090	*TRAK AUTO	968-3488
10097	*JEVAUNS	963-6447
	*JEVAUNS SHUTTERS	963-6447
	*JEVAUNS WRLD WLLPPR	963-6447
10101	*HAIR SHACK	968-6333
10104	*KONNIE K GALLERY	963-5331
10106	*BICYCLES PACIFIC	963-1390
	*BIKE RACK	963-1390
	*CARNEVALES BIKE RCK	963-1390
10109	*BEST CLEANERS	962-6536 +5
10110	*HAIRCUT STORE THE	963-7569
10111	*CLOTH WORLD	963-4992
	*PETLAND	963-4887
10112	XXXX	00
10114	*ALBERTSONS FD STORE	963-0949
10115	XXXX	00
10116	*CARDINAL PAUL	968-3655
	*STATE FARM INS AGNT	968-3655
10118	*R CLEANERS	962-9007
	*R CLEANERS	964-3767
10119	*SPLASH UNIQUE HAIR	963-7336
10120	XXXX	00
10122	XXXX	00
10124	XXXX	00
10126	*A TO Z TRAVEL	964-1711
	*ATLAS WORLD TRAVEL	964-1711
10128	*JEWELERS EXCHANGE	964-4012
10130	*ADAMS PET CLINIC	964-1605
	*BOODMAN NEIL M DVM	964-1605
	*LUNDHOLM DON E DVM	964-1605
10136	*DENNYS RESTAURANT	963-8881

Target Street	Cross Street	Source
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Adams Avenue 1990

9901	★RALPHS GROCERY STR	962-5575	
9911	XXXX	00	
9941	★TIME CENTER	962-6220	6
9951	★FRAME N LENS	968-4111	6
9961	★MOTO PHOTO	963-1863	9
9971	★COAST SAVINGS&LOAN	963-4540	6
10007	XXXX	00	
10011	★SAV ON DRUG MDSE	962-3354	
	★SAV ON DRUG PHAR	963-8391	
10024	XXXX	00	
10026	XXXX	00	
10028	★ADAMS BRKHRST DENTL	962-2402	8
	★HUNTGTN BCH DENTAL	962-2402	
	★WILHELM DAVID F DDS	962-2402	
10031	XXXX	00	
10032	★BAILEY HAIR FSHN CO	962-4747	
	★GOSKA BARTCZAK	962-0488	7
10033	★MR FISH&CHIPS	964-1473	2
10034	★ABO LUKE A DR	963-3030	
10036	★BROOKHURST TRAVEL	968-3366	
	★BROOKHURST&ADAMS	968-3366	
10038	★CUSTOM CREATV CERMC	965-0808	9
	★CUSTOM CRTVE CERMCS	964-3093	5
10039	★SANDWICH CELLAR	968-1575	
10041	★WEK IRVIN DR	962-9377	
10042	★WATER SOURCE	962-7992	+0
10043	XXXX	00	
10044	★CONSMR CRDT MANGMNT	965-0944	
	★CONSMR CREDIT MNG	965-0944	
	LESTER Mark R	673-8563	+0
	★MAIL BOXES ETC USA	968-3778	6
	★ORBIT VALVE CO	968-1244	+0
	★WESTRN UN CONSMR SV	968-3868	8
10045	★BEACH SVGS BK RE LN	964-9932	9
10046	XXXX	00	
10050	XXXX	00	
10052	★VIDEOFUNLAND	962-1530	+0
10054	XXXX	00	
10055	★MAD FASHIONS	968-8181	
10056	★DUNKIN DONUTS	962-8333	9
10057	★HUNTGTN BCH COIN	963-0038	4
10059	★CENTER SHOE REPAIR	962-8422	
10061	★HONDA JEWELERS	968-2212	
10063	★JOHNS PRO TAILORING	962-7895	+0
10065	XXXX	00	
10067	XXXX	00	
10071	★FAMILY PIZZA PARLR	962-1366	7
10072	★OSHMANS SPRTG GOODS	964-1677	4
10076	★TACO PLAZA MEXICAN	963-8198	+0
10078	★EGG ROLL KING	964-4429	8
10080	XXXX	00	
10081	★FREEDOM FURNITURE	965-2263	+0
10084	★LAMPPOST PIZZA	963-9757	1
10085	★ADAMS BRKHURST DNTL	963-8993	4
	★HETRICK RANDAL DDS	962-2471	3
10086	★SILK WORLD	962-3791	9
10087	★PAPPAS KOSMAS DDS	962-7797	4
10088	★MR TOY	963-9110	5
	★TOY MR	963-9110	3
10089	★OSCARS LOCK&SAFE	963-6746	3
10090	★TRAK AUTO	968-3488	6
10097	★JEVAUNS	963-6447	1
10101	★HAIR SHACK	968-6333	7
10104	★KONNIE K GALLERY	963-5331	+0
10106	★BICYCLES PACIFIC	963-1390	6
	★BIKE RACK	963-1390	
	★CARNEVALES BIKE RCK	963-1390	7
10109	★ARTISTIC DRY CLEANR	962-6536	
10110	★HAIRCUT STORE THE	963-7569	4
10111	★CLOTH WORLD	963-4992	9
	★PETLAND	963-4887	7
	★SAM GOODY	964-2656	8
10112	★COLOR TILE SUPERMRT	964-2772	5
10114	★ALBERTSONS FD	963-0949	
	★ALBERTSONS FD PHAR	963-0959	
10115	★GLEES HALLMARK SHPF	962-8910	
10116	★ACCENT BRIDALS&TXDO	964-9322	+0
10118	★R CLEANERS	962-9007	7
	★R CLEANERS	964-3767	8
10119	★SPLASH NAIL&HAIR	963-7336	6
10120	★ANNS COUNTRY CLLCTN	963-4760	7
10121	★BANK AM CHCKNG&SVNG	973-8495	6
	★BANK OF AMER NT&SA	962-3317	+0

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

Adams Avenue 1990

ADAMS AV		92646 CONT	
	*BANK OF AMER NT&SA	962-3316	+0
10122	*HOT DOG BUILDING CO	962-9440	2
10124	XXXX	00	
10126	*ATLAS WORLD TRAVEL	964-1711	
A	*FLOWER MILL THE	963-0739	
10128	*JEWELERS EXCHANGE	964-4012	
10130	*ADAMS PET CLINIC	964-1605	
	*LUNDHOLM DON E DVM	964-1605	3
10136	*DENNYS RESTAURANT	963-8881	

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

Adams Avenue 1985

9861	CROWN BOOKS	964-7824	2
	THRIFTY DRUG INFO	964-9135	2
	THRIFTY DRUG PHAR	964-9165	2
9882	TARGET STORES	964-8008	4
9901	RALPHS GROC CO HB	962-5575	
9911	XXXX	00	
9941	XXXX	00	
9971	XXXX	00	
10001	SUPER 7	962-9241	9
10007	XXXX	00	
10024	XXXX	00	
10026	XXXX	00	
10028	HUNTGN BCH DNTL GRP	962-2402	0
	WILHELM DAVID F DDS	962-2402	0
10031	XXXX	00	
10032	A BAILEY HAIR FASHN	962-4747	2
	A BAILEY HAIR FSHN	962-4747	
	BAILEYS HAIR FASHNS	962-4747	
	CAREY MONIQUE	964-7808	2
	COYAN RUTH	962-6747	+5
	DANIELLE	962-0373	2
	IONE MURANAKA	963-4012	4
	VARGAS BECKY HRSTYL	963-9556	9
10033	MR FISH&CHIPS	964-1473	2
10034	ABO LUKE A DR	963-3030	
10036	BROOKHURST TRAVEL	968-3366	
10038	CUSTOM CRTVE CERMCS	964-3093	+5
10039	SANDWICH CELLAR	968-1575	0
10041	WEK IRVIN DR	962-9377	8
10042	MOBILE TV SERV&SLS	962-3369	0
10043	REVELATION	962-2540	0
10044	GREAT EARTH VTMNS	963-5694	9
10045	XXXX	00	
10046	XXXX	00	
10050	DUNKIN DONUTS	962-8333	4
10052	MOTO PHOTO	963-5900	+5
	PHOTO WEST	964-0614	4
10054	LONDONDALE FISH&CHP	962-2234	9
10055	MAD FASHIONS	968-8181	
10056	XXXX	00	
10057	HUNTGN BCH COIN	963-0038	4
10059	CENTER SHOE REPAIR	962-8422	
10061	HONDA JEWELERS	968-2212	
10063	SALVAGE 2	964-8083	4

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

Adams Avenue 1985

..ADAMS AV		92646 CONT	
10065	XXXX	00	
10067	XXXX	00	
10069	PIC A PET	964-3551	9
	PRIDE&GROOM PET SHP	964-3551	
10071	PIZZA PALACE	962-1366	
	STRAW HAT PIZZA	962-1366	3
10072	OSHMANS SPRTG GOODS	964-1677	4
10076	TACO PLAZA CAFE INC	963-0644	4
10078	NEW MEIJI TAKE OUT	964-4429	+5
10080	XXXX	00	
10081	CONSUMERS DISTB LTD	964-5435	+5
10084	LAMP POST PIZZA	963-9757	1
10085	ADAMS BROOKHURST	963-8993	4
	HETRICK RANDAL DDS	962-2471	3
10086	ASSOCTE FNCL SVS CO	963-0758	8
10087	PAPPAS KOSMAS DDS	962-7797	4
10088	MR TOY	963-9110	+5
	TOY MR	963-9110	3
10089	HUNTGN VLY LOCK&SFE	963-2932	4
	OSCARS LOCK&SAFE	963-6746	3
10090	LINBROOK CARPETS	968-8541	1
10097	JEVAUNS	963-6447	1
10101	HAIR SHACK	962-9023	
	JACOBS RICK	968-6333	2
10104	MADDYS GALLERY	963-5331	0
10106	GENL TELE GTE PHONE	842-3311	+5
10109	ARTISTIC DRY CLEANR	962-6536	
10110	HAIR CUT STORE THE	963-7569	4
10111	LICORICE PIZZA	964-2656	0
	WE ARE SPORTSWEAR	964-3323	0
10112	COLOR TILE SUPERMRT	964-2772	+5
10114	ALBERTSONS	962-9481	0
	ALBERTSONS FOOD CTR	963-0949	9
	ALBERTSONS PHARMACY	963-0959	9
10115	GLEES HALLMARK PRTY	962-8910	
10116	HENDERSON LINDA	964-2850	+5
	MERRY SIMONDS	964-1300	2
	WEST COAST HAIR	963-7166	3
	WEST CST HAIR DIR	962-6697	0
	WEST CST HAIR DIR	964-6665	+5
	WEST CST HAIR DIR	963-3555	+5
	WEST CST HAIR DIR	963-5100	+5
	WEST CST HAIR DIR	964-8001	+5
	WEST CST HAIR DIR	964-7557	+5
	WEST CST HAIR DIR	963-7336	+5
10118	R CLEANERS	962-9007	1
10119	MAGIC MIRROR HAIRDR	962-2444	
	MAGIC MIRROR NAILS	962-2444	9
10120	GERRYS CNTRY EMPORM	963-6900	+5
10121	BANK AM AUTO TELLER	962-2491	9
10122	HOT DOG BUILDING	962-9440	2
10124	XXXX	00	
10126	A TO Z TRAVEL SERV	964-1711	8
	A Z TRAVEL SERVICES	964-1711	
A	FLOWER MILL THE	963-0739	0
10128	JEWELERS EXCHANGE	964-4012	0
10130	ADAMS PET CLINIC	964-1605	8
	LUNDHOLM DON E DVM	964-1605	3
10136	DENNYS RESTAURANT	963-8881	8

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

Adams Avenue 1980

9861	THRIFTY DRG HB	968-8332	
	THRIFTY DRG HB	968-8361	9
9882	FEDMART	968-3321	9
	FEDMART PHARMACY	962-5577	9
	HUNTGN VLY LOCK&SFE	963-2932	8
	OSCARS LOCK&SAFE	963-6746	9
	WINTERS BRUCE	964-3811	+0
9901	RALPHS GROC CO HB	962-5575	
	RALPHS TAKE OUT FDS	962-0555	
9911	XXXX	00	
9941	XXXX	00	
9971	BADDON H CHEVRON	962-7283	+0
	CHEVRON STA HB	962-7283	+0
10001	SUPER 7	962-9241	9
10007	XXXX	00	
10024	RED CARPET RL EST	962-7771	4
10026	JONES GARRY O DDS	963-5696	5
10028	HUNTGN BCH DNTL GRP	962-2402	+0
	JOHNSON PAUL R DDS	962-2402	+0
	MARCHMAN DENTAL LAB	964-2300	9
	THOMAS VINCENT DDS	962-2402	+0
	WILHELM DAVID F DDS	962-2402	+0
10031	MR FISH&CHIPS	964-1473	9
10032	BAILEYS HAIR FASHNS	962-4747	4
	CLARK DARRELL	963-9696	+0
	KATHY HAIR FASHION	968-1272	8
	MERRY SIMONDS	964-1300	9
	VARGAS BECKY HRSTYL	963-9556	9
	WOMACK LINDA	968-5009	9
10033	J P GOLDEN DONUTS	962-4096	9
	SWISS PASTRY	962-4096	+0
10034	ABO LUKE A DR	963-3030	4
10036	BROOKHURST TRAVEL	968-3366	5
10038	PUBLIC FINANCE CORP	962-3366	4
10039	SANDWICH CELLAR	968-1575	+0
10041	WEK IRVIN DR	962-9377	8
10042	MOBILE TV SERV&SLS	962-3369	+0
10043	REVELATION HB	962-2540	+0
10044	GREAT EARTH	963-5694	9
10045	KOBYS SHOES	962-9178	9
10046	BENEFCIAL FNC CO	964-2718	+0
	BENEFICIAL FINANCE	964-2718	9
10050	DUNKIN DONUTS	962-9255	+0
10052	CHRISTIES	968-1323	+0
	CHRISTIES EXRCS CLB	968-1323	+0
10054	LONDONDALE FISH&CHP	962-2234	9
10055	MAD FASHIONS	968-8181	2
10057	MARIAS ARTISTRY OIL	968-2040	
10059	CENTER SHOE REPAIR	962-8422	
10061	HONDA JEWELERS	968-2212	
10063	DAISY PATCH	962-9996	
10065	WINTER BTY SPPLY	968-3922	8
10067	XXXX	00	
10069	PIC A PET	964-3551	9
10071	PIZZA PALACE	962-1366	4
	STRAW HAT PIZZA	962-1366	+0
10072	L&G SPORTING GOODS	964-1677	8
10076	WHEREHOUSE THE	962-9087	8
10078	HUNTGN BCH SWNG CNT	968-8828	+0
	SINGER COMPANY THE	968-8828	+0
10080	AUTOMTV SUPPLY CO	963-0871	8
10081	T G&Y STORE CO	962-6553	
10085	CHAMBERS R RL EST	963-8991	9
	DELMANGELS RL EST	968-5707	+0
	SUNSET REAL ESTATE	963-8991	6
10086	ASSOCTS FNCL HB	963-0758	8
10087	BABSKY H DENTAL LAB	964-2334	+0
	PROTOPAPPAS K DDS	962-7797	7
10088	LAMP POST PIZZA	963-9757	8
	TOY KINGDOM	963-9110	8
10089	RATTAN SHOP	963-4133	+0
10090	LIN BROOK CARPETS	968-8541	9
10097	JEVAUNS INTERIORS	968-9018	
	JEVAUNS WALL PAPER	968-9018	2
10101	HAIR SHACK	962-9023	3
10104	MADDYS GALLERY	963-5331	+0
10109	ARTISTIC DRY CLEANR	962-6536	
10110	AXLINES VLG SHOES	963-2353	8
10111	LICORICE PIZZA	964-2656	+0
	WILD WEST STORES	964-3323	+0
10112	STRETCH&SEW FABRICS	964-2746	9
10114	ALBERTSONS	962-9481	+0
	ALBERTSONS FOOD CTR	963-0949	9
	ALBERTSONS PHARMACY	963-0959	9
10115	GLEES PARTY SHOP	962-8910	4
10116	WAYNE FAHRBACH&HIS	962-6697	+0
	WEST CST HAIR DRCTR	962-6697	+0
10118	R X CLEANERS 7	962-9007	9
10119	MAGIC MIRROR HAIRDR	962-2444	9
10120	JOANNS CNTRY EMPRM	963-6900	8
10121	BANK OF AMER BKHRST	962-2491	9
10122	SWEET&CREAMY DESSRT	962-9224	+0
10124	MOODY WOMAN	968-2251	8
10126	A TO Z TRAVEL SERV	964-1711	8
	A Z TRAVEL SERVICES	964-1711	
A	FLOWER MILL THE	963-0739	+0
10128	JEWELERS EXCHANGE	964-4012	+0
10130	ADAMS PET CLINIC	964-1605	8
	CAMARAS GEO J DVM	964-1605	8
10136	DENNYS RESTAURANT	963-8881	8

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

Adams Avenue 1975

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 9861*THRIFTY DRUG STORES968-8332
 9882*G A C FINANCE CORP 963-4521 3
      *OSCARS LOCK&KEY    968-8244+5
      *TWO GUYS DSCNT STR 968-3321
      *TWO GUYS PHARMACY  962-5577 2
 9901*RALPHS GROCERY CO   962-5575
      *RALPHS TAKE OUT FDS962-0555
 9911   XXXX              CO
 9941   XXXX              CO
 9971*CHEVRON STANDRD STA962-7283+5
      *CHUCK MERRY CHEVRON962-7283
      *MERRY CHUCK CHEVRCN962-7283
10001*PHILLIPS PETROLEUM 968-4860 2
10007   XXXX              CO
10024*RED CARPET REALTORS962-7771 4
10026 JONES GARRY D DDS  963-5696+5
10028 WILHELM DAVID F DDS962-2403 4
10031*FISH&CHIPS         968-5141+5
      *MR FISH&CHIPS     968-5141
10032*BAILEYS HAIR FASHNS962-4747 4
10033*SWISS PASTRY       962-4096
10034 ABO LUKE A DR      963-3030 4
10036*BROOKHURST TRAVEL   968-3366+5
10038*PUBLIC FINANCE CORP962-3366 4
10039*DELI SHEF          968-1575 2
10041*HOME FABRICS CENTER968-5734+5
10043*TREND O FASHION    962-2540
10045*SHOE MKT           962-9178
10055*MAD FASHICNS       968-8181 2
10057*MARIAS ARTISTRY OIL968-2040
10059*CENTER SHOE REPAIR 962-8422
10061*HONDA JEWELERS     968-2212
10063*DAISY PATCH        962-9996
10065*YOUR BEAUTY SUPPLY 968-3922 3
10069*PIC A PET          962-8000
10071*PIZZA PALACE       962-1366 4
      *STRAW HAT PIZZA PLC962-1366 2
10081*T G&Y STORES       962-6553
10085*H&R BLOCK INC      962-2060 4
10087*LARNER ROBT C INC  962-7797
      *RICE BRIAN J DDS  962-7797+5
      *SEBERG RICHARD DDS 962-7797 2
      *THOMAS PETER K    963-5455 4
10089*DUDS N SUDS        962-9102 3
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Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

Adams Avenue 1975

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..ADAMS AV                92646 CONT..
10097*JEVAUNS WALLPPR&PNT968-9018 2
10101*HAIR SHACK          962-9023 3
10109*ARTISTIC DRY CLEANR962-6536
10111*VONS GROCERY CO     962-9013
     *VONS GROCERY CO     962-5001
10115*GLEES PARTY SHOP    962-8910 4
10119*MAGIC MRRCR BTY SLN962-2444
10121*BANK OF AMER NT&SA 962-2491
 NO #*HAME CONSTRUCTION  960-1815 4
 NO #*SAV ON DRUGS       962-3354
 NO #*SAV ON DRUGS INC   963-8391+5
 NO #*SIGNAL LANDMARK INC962-5066 4
     * 140 BUS    94 RES    56 NEW
```

ADAMS CT 92708 FOUNTAIN VALLEY

```
15947 DEGREGORY HARRY     531-8879
15951 LUM LENNY K         839-1685
15957 FELKER BERWIN L     531-4633
15959  XXXX               OO
15963 ZAHARIADES BILL     531-2798 3
15967 SALES DICK          554-4320+5
```

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

Adams Avenue 1972

```
9861*THRIFTY DRUG STORES968-8332
9882*CROCKER RICHARD D  968-9011
     *TWO GUYS DSCNT STR 968-3321
     *TWO GUYS PHARMACY  962-5577+2
9901*RALPHS GROCERY CO  962-5575
     *RALPHS TAKE OUT FDS962-0555
9911*YANKEE FISH FRY    962-9243
9941  XXXX              OO
```

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

Adams Avenue 1972

..ADAMS AV 92646 CONT..

9971*CHUCK MERRY CHEVRON962-7283
*CHUCK MERRY TOWING 968-4533+2
*MERRY CHUCK CHEVRON962-7283
10001*PHILLIPS PETROLEUM 968-4860+2
*PHILLIPS 66 SERVICE962-9016
10007*FOTOMAT DRIVE THRU 962-7887
10031*MR FISH&CHIPS 968-5141
10033*SWISS PASTRY 962-4096
10039*DELI SHEF 968-1575+2
10041*PAULAS SEWING BEE 968-5734
10043*TREND O FASHION 962-2540
10045*SHOE MKT 962-9178
10055*MAD FASHIONS 968-8181+2
10057*MARIAS ARTISTRY OIL968-2040
10059*CENTER SHOE REPAIR 962-8422
10061*HONDA JEWELERS 968-2212
10063*DAISY PATCH 962-9996
10065*STANDARD BTY SPPLS 968-3922
10069*PIC A PET 962-8000
10071*PIZZA PALACE 962-1366
*STRAW HAT PIZZA PLC962-1366+2
10081*T G&Y STORES 962-6553
10085*BAME JEROME M 962-2468+2
*COEN ALVIN M 962-2468+2
10087*LARNER ROBT C INC 962-7797
*NEUFELD RICHARD DDS962-7797+2
*SEBERG RICHARD DDS 962-7797+2
10097*JEVAUNS WALLPPR&PNT968-9018+2
10101*B&A CENTER BARBER 962-9023
10109*ARTISTIC DRY CLEANR962-6536
10111*VONS GROCERY CO 962-5001
*VONS GROCERY CO 962-9013
10115*DOWNEY SVGS&LN ASN 962-2407
10119*MAGIC MRROR BTY SLN962-2444
10121*BANK OF AMER NT&SA 962-2491
NO #*SAV ON DRUGS 962-3354
* 118 BUS 72 RES 53 NEW

ADAMS CT 92708 FOUNTAIN VALLEY

15947 DEGREGORY HARRY 531-8879
15951 LUM LENNY K 839-1685
15957 FELKER BERWIN L 531-4633
15959 FEITELSON M 839-2381
15963 XXXX 00

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

Lawson Lane 2010

23	● BARKER Steven	949-858-1256	
24	● LEACH J	949-709-0976	2
25	● MILLER Thomas	949-709-2392	
26	● RAMIREZ Kenneth	OO	
27	● JIANG Yuru	OO	3
28	● PALAZZO Shirley	949-459-7711	

★ 0 BUS 23 RES 0 NEW

LAWSON LN 92646
HUNTINGTON BEACH

WEALTH CODE 8.7

X ADAMS AVE

20011	● NGUYEN Quy	OO	2
20012	● REHAK Thomas	OO	
20021	● FREDIANI David	OO	
20022	● MONTELEONE Coleen	OO	4
20031	● LAGANA Larry	714-968-0610	1
20032	● RAMIREZ Edward	714-849-9137	3
20051	**★ EMERALD FINANCIAL**	**949-650-3400**	3
	● PHUNG Dai	714-965-6680	3

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

Lawson Lane 2005

LAWSON LN 92646
HUNTINGTON BEACH

WEALTH CODE 9

X ADAMS AVE

20011	●NGUYEN Quy	OO	9
20012	●DURBIN Chas F	714-963-7064	
20021	●FREDIANI David	OO	9
20022	●MONTELEONE Michael	OO	+5
20031	●LAGANA Lawrence	OO	1
20032	●RAMIREZ Erlinda J	714-964-0183	3
20051	**★ EMERALD FINANCIAL**	**949-650-3400**	**3**
	●PHUNG Dai	949-645-5955	3
	●PHUNG Dai	714-965-6680	3

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

Lawson Lane 2000

23	●BARKER Steven	OO	+9
24	●NARUMI Robert	OO	+9
25	●SANBONMATSU Makuto	949-459-7947	4
26	●RAMIREZ Kenneth	OO	+9
27	●ERWIN James	OO	+9
28	●PALAZZO Manuel	OO	+9

* 0 BUS 21 RES 13 NEW

LAWSON LN 92646
HUNTINGTON BCH

WEALTH CODE 9 0

X ADAMS AV

20011	●NGUYEN Quy	OO	+9
20012	●DURBIN Chas F	714-963-7064	
20021	●FREDIANI David	OO	+9
20022	●STEVENSON C	OO	7
20031	●GOODIN James	OO	8
20032	●KING Edith	OO	7
20051	●JOHNCOLA Josephine	OO	+9

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

Lawson Lane 1996

4	MORRELL D	858-7545 +5
6	NELSON William	589-4249 +5
15	THIERJUNG Robert M	589-1552 4
19	WONG Harold	589-0083 4
24	NARUMI Robert	858-1229 4
25	SANBONMATSU Makoto	459-7947 4
*	0 BUS 6 RES	2 NEW

LAWSON LN 92646
HUNTINGTON BCH

WEALTH CODE 9.0

20011	XXXX	00
20012	DURBIN Chas F	963-7064
20021	MACENSKI Allen	963-3068
	MACENSKI Paula	963-3068
20022	XXXX	00
20031	GOODIN Carolyn	962-2191
	GOODIN Jas D	962-2191
20032	XXXX	00
20052	IMPELLIZZERI Jack	962-5463

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

Lawson Lane 1990

6901	XXXX	00
6921	XXXX	00
6931	MOORE Ronald A	536-2624
6932	XXXX	00
6942	XXXX	00
6971	WEATHERMAN Jas L	960-4524
★	0 BUS 27 RES	0 NEW

LAWSON LN 92646
HUNTINGTON BCH

20011	XXXX	00
20012	DURBIN Chas F	963-7064
20021	MACENSKI Allen	963-3068
	MACENSKI Paula	963-3068
20022	XXXX	00
20031	GOODIN Carolyn	962-2191
	GOODIN Jas D	962-2191
20032	KING Chas E	962-9802
20052	IMPELLIZZERI Jack	962-5463

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

Lawson Lane 1985

9651	XXXX	00	
9661	RANSOM RON	827-2864	9
9671	DEW T J	761-8352	+5
	MCKENZIE ROBT	828-1685	+5
	RULE JAMES CASEY	952-4060	+5
	ZINGALES JOHN	220-2244	+5
9681	LEVY ROGER	826-7845	
9691	MON HENRY B COL	828-1235	0
9711	JOHNSON JAS S	826-3586	
★	0 BUS 10 RES	4 NEW	

LAWSON LN 92646
HUNTINGTON BCH

20011	XXXX	00	
20012	DURBIN CHAS F	963-7064	
20021	MACENSKI ALLEN	963-3068	2
20022	COPPEDGE CHAS G	962-1179	
20031	GOODIN CAROLYN	962-2191	8
	GOODIN JAS D	962-2191	
20032	KING CHAS E	962-9802	6
20052	IMPELLIZZERI JACK	962-5463	

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

Lawson Lane 1980

9651	XXXX	00	
9661	RANSON RON	827-2864	9
9671	XXXX	00	
9681	LEVY ROGER	826-7845	
9691	MON HENRY B COL	828-1235	+0
9711	JOHNSON JAS S	826-3586	
*	0 BUS 7 RES	2 NEW	

LAWSON LN 92646
HUNTINGTON BCH

20011	GIBBONS GLENN D	962-7661	3
	LOOBEY L G	962-7661	3
20012	DURBIN CHAS F	963-7064	5
20021	MELCHER WILLIAM H	964-1329	8
20022	COPPEDGE CHAS G	962-1179	3
20031	GOODIN CAROLYN	962-2191	8
	GOODIN JAS D	962-2191	4
20032	KING CHAS E	962-9802	6
20052	IMPELLIZZERI JACK	962-5463	

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

Lawson Lane 1975

9661	FUKUDA DALE	826-7088
9671	XXXX	OO
9681	LEVY ROGER	826-7845
9691	FRENCH FRED	826-3604+5
9701	GOSSETT ORIEN R	826-7669+5
9711	JOHNSON JAS S	826-3586
*	0 BUS 8 RES	2 NEW

LAWSON LN 92646 HUNTINGTON BCH

20011	GIBBONS GLENN D	962-7661	3
	LOOBEY L G	962-7661	3
20012	DURBIN CHAS F	963-7064+5	
20021	MELCHER WM H	968-7911	2
20022	COPPEDGE CHAS	962-1179	3
20031	GOODIN CAROLYN	962-2191	4
	GOODIN JAS D	962-2191	4
20032	MCROBERTS ROBT J	962-9802	
	MCROBERTS ROBT J	545-3877	
20052	IMPELLIZZERI JACK	962-5463	

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

Lawson Lane 1972

9651	JAMIESON RONALD L	527-5466
9661	FUKUDA DALE	826-7088
9671	CARR DENNIS R	827-3759
9681	LEVY ROGER	826-7845
9701	JUNG JOHN W	828-0517
9711	JOHNSON JAS S	826-3586
	* 0 BUS 7 RES	0 NEW

LAWSON LN 92646 HUNTINGTON BCH

20011	MCLEAN W F	962-9792
20012	BECKMAN IRVING COL	968-7317
20021	MELCHER WM H	968-7911+2
20022	XXXX	00
20032	MCROBERTS R J	962-9801
	MCROBERTS ROBT J	962-9802
	MCROBERTS ROBT J	545-3877
20052	IMPELLIZZERI JACK	962-5463
20061	LEATHERWOOD ROBT H	962-0281

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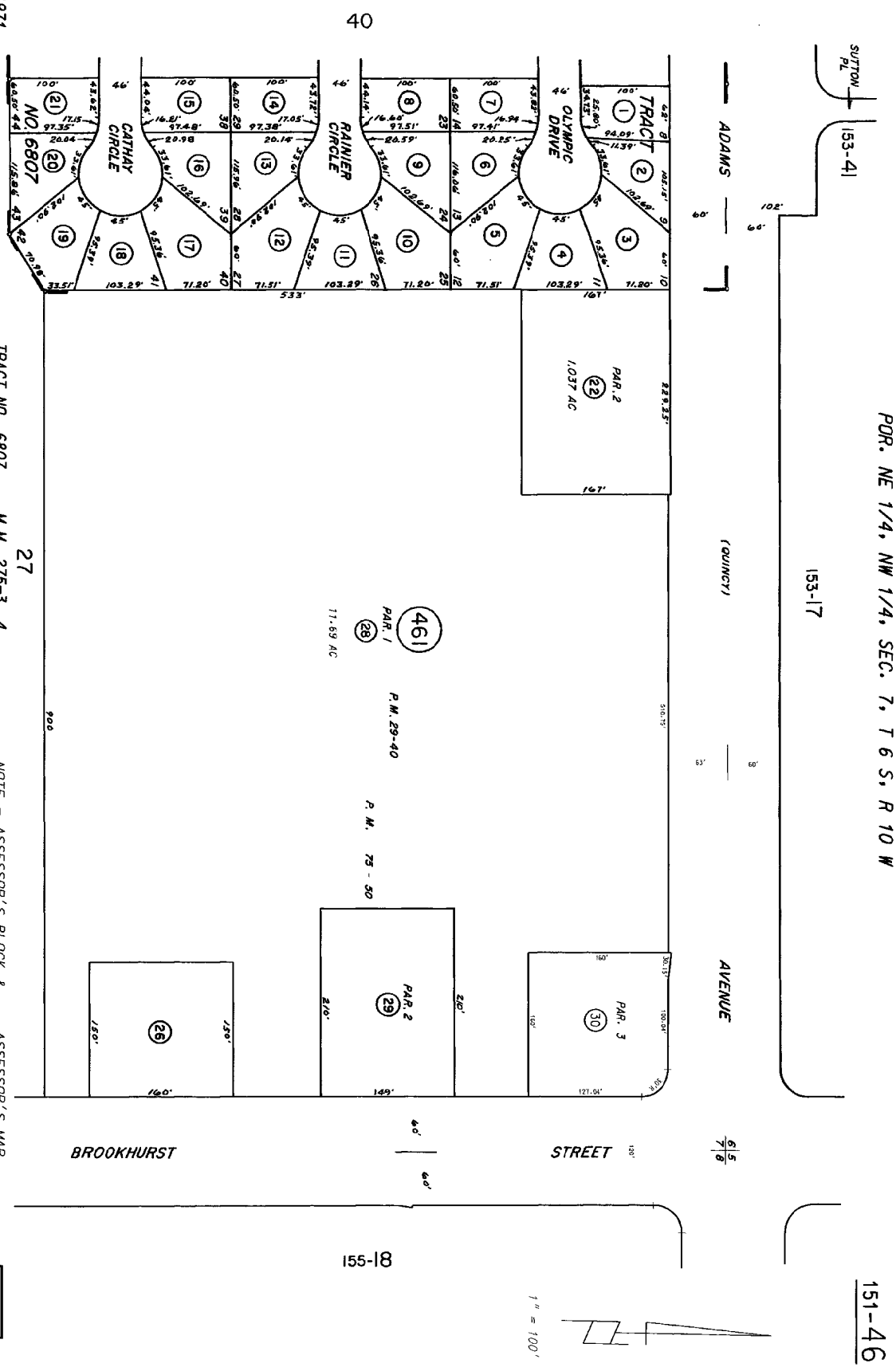

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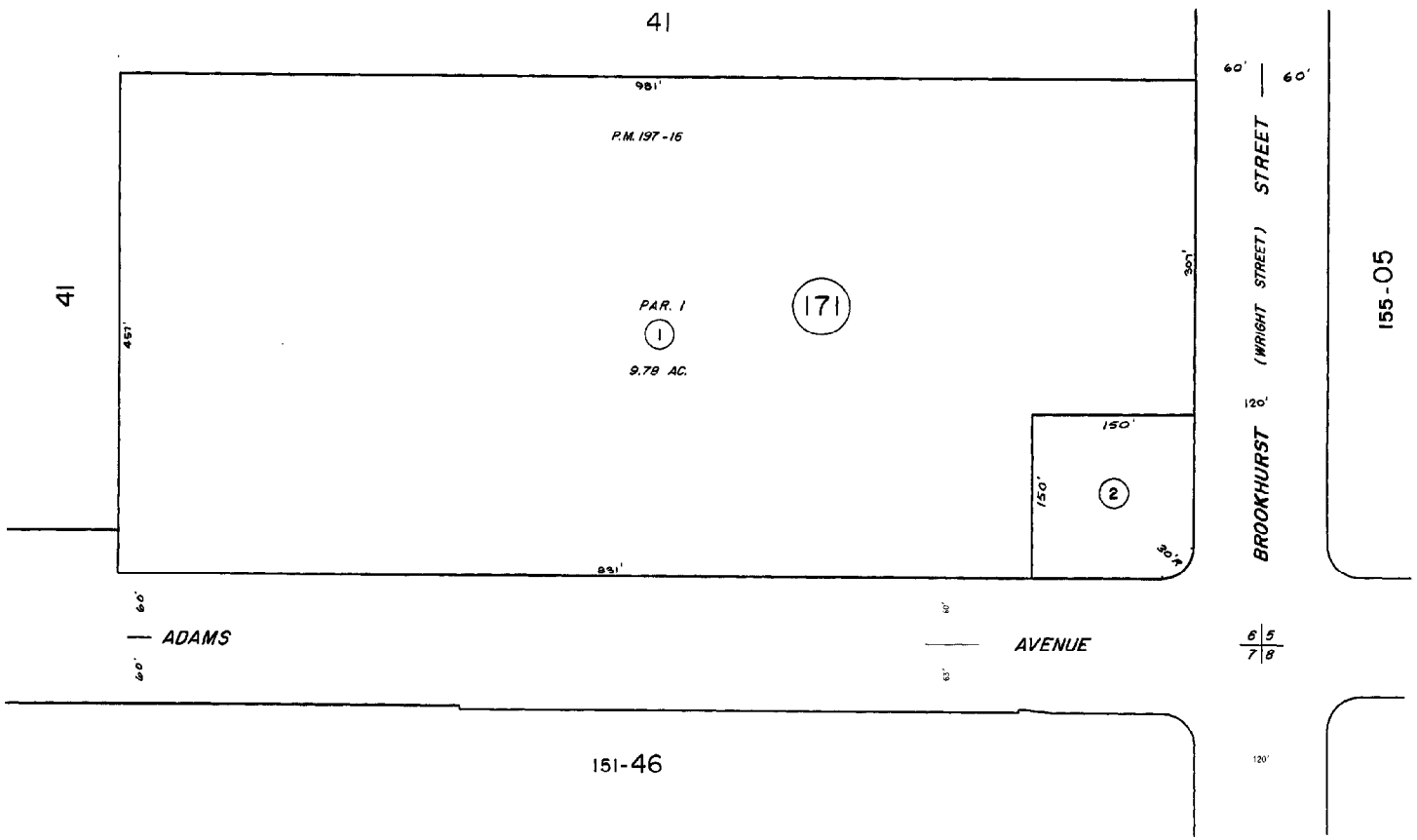
POR. S 1/2, SE 1/4, SEC. 6, T 6 S., R 10 W

153-17



1" = 100'

MARCH 1968 PARCEL MAP P.M. 197-16

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

ASSESSOR'S MAP BOOK 153 PAGE 17 COUNTY OF ORANGE

Orange, CA, 2011-2012 - 155-051-13, 10001 ADAMS AVE, HUNTINGTON BEACH, CA 92646-4904, Sheet: 1 of 4

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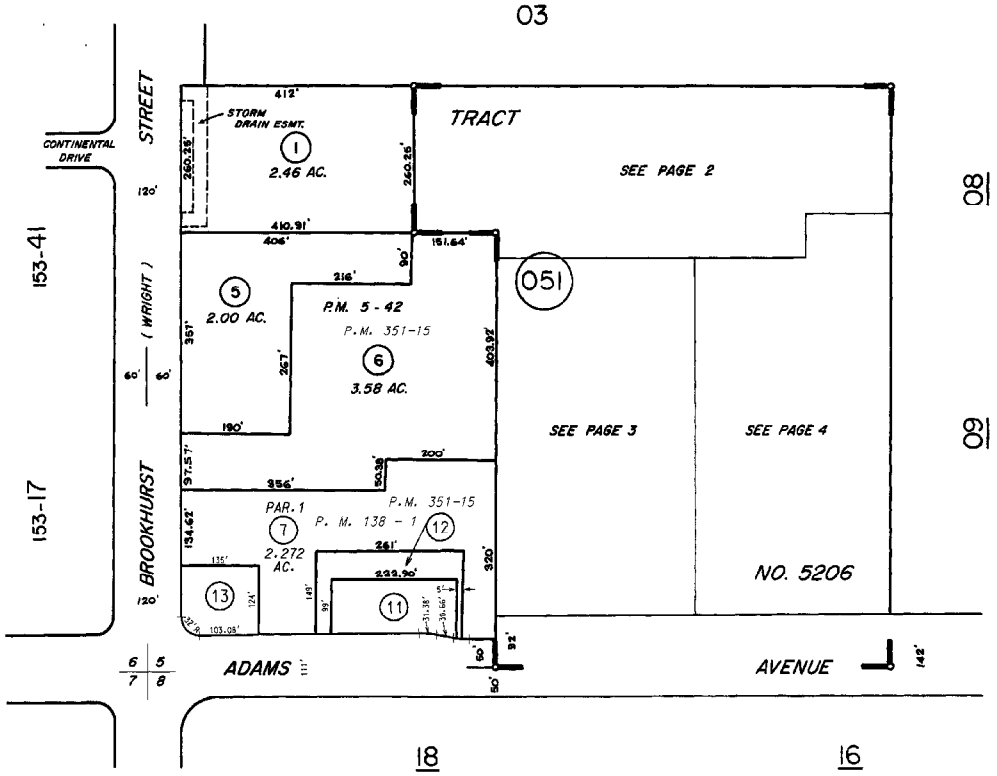
POR. SW 1/4, SW 1/4, SEC. 5, T 6 S, R 10 W



1" = 200'

MARCH 1964

TRACT NO. 5206
PARCEL MAP

M.M. 193-48, 49, 50
P.M. 138-1

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

ASSESSOR'S MAP
BOOK 155 PAGE 05
COUNTY OF ORANGE

Orange, CA, 2011-2012 - 155-162-01, 20011 LAWSON LN, HUNTINGTON BEACH, CA 92646-4920, Sheet: 1 of 1

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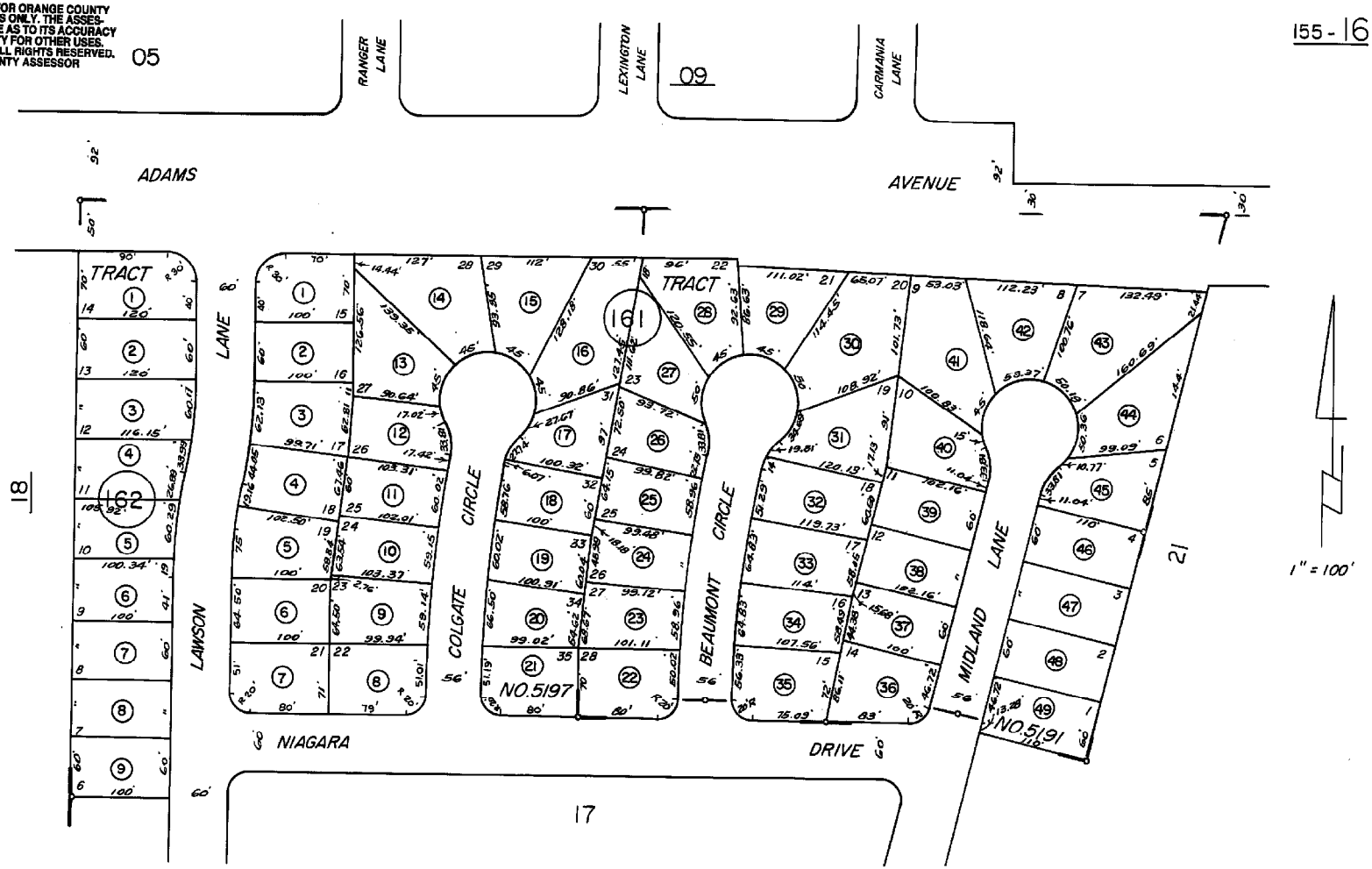
155 - 16



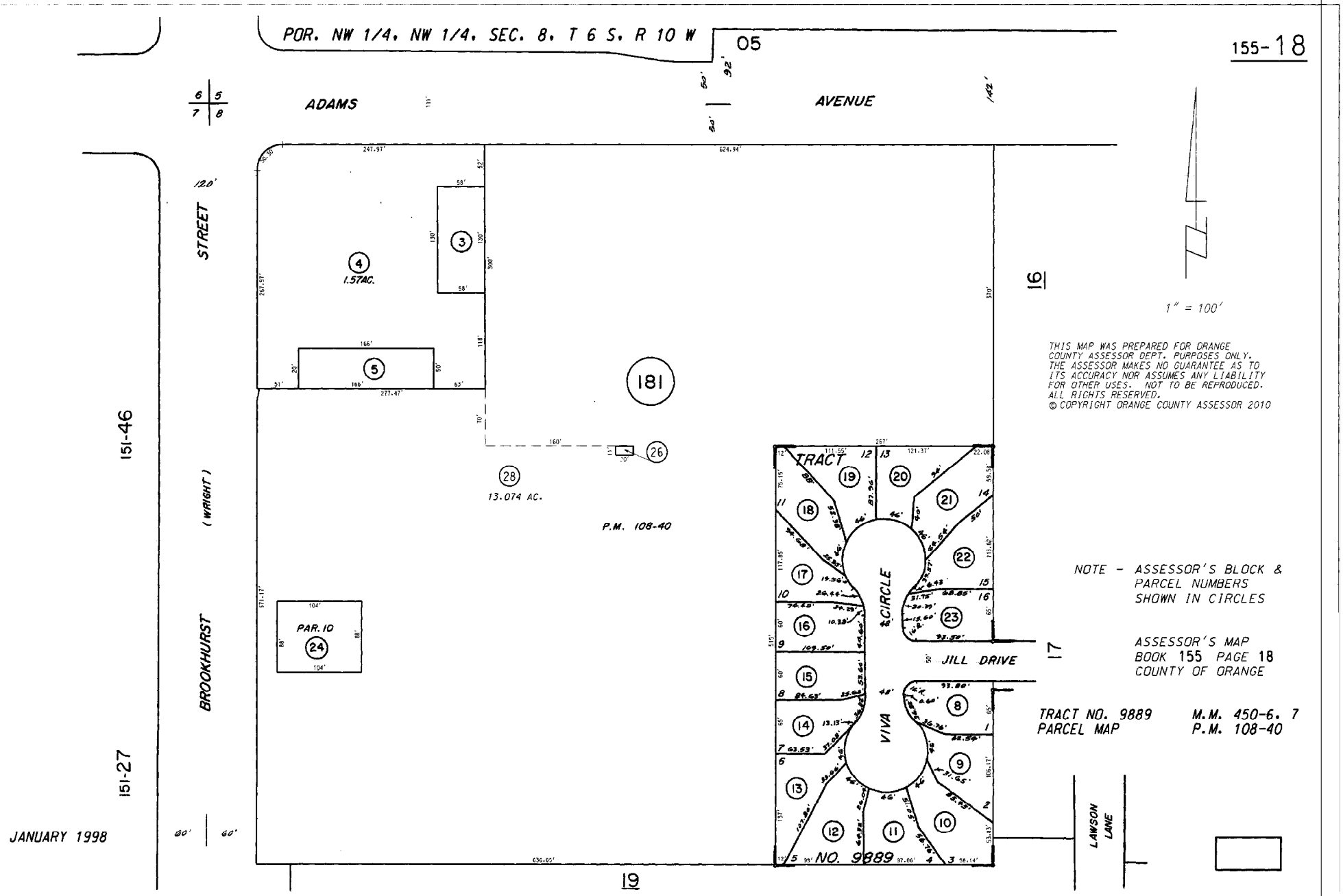
MARCH 1966

TR. NO. 5191 M.M. 223-39, 40
TR. NO. 5197 M.M. 223-10, 11, 12, 13

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

ASSESSOR'S MAP
BOOK 155 PAGE 16
COUNTY OF ORANGE

Orange, CA, 2011-2012 - 155-181-28, 10072 ADAMS AVE, HUNTINGTON BEACH, CA 92646-4905, Sheet: 1 of 1



Property Detail Report

For Property Located At

CoreLogic RealQuest Professional

9882 ADAMS AVE, HUNTINGTON BEACH, CA 92646-4808

Owner Information:

Owner Name:	**TARGET CORPORATION**
Mailing Address:	**PO BOX 9456, MINNEAPOLIS MN 55440-9456 B023 C/O PROPERTY TAX DEPT**
Vesting Codes:	**/ / CO**

Location Information:

Legal Description:	**P BK 75 PG 50 PAR 1**		
County:	**ORANGE, CA**	APN:	**151-461-28**
Census Tract / Block:	**992.38 / 1**	Alternate APN:	
Township-Range-Sect:		Subdivision:	
Legal Book/Page:		Map Reference:	**26-F4 / 858-E6**
Legal Lot:		Tract #:	
Legal Block:		School District:	**HUNTINGTON BEACH UN**
Market Area:		Munic/Township:	
Neighbor Code:			

Owner Transfer Information:

Recording/Sale Date:	**05/15/2003 / 05/12/2003**	Deed Type:	**GRANT DEED**
Sale Price:		1st Mtg Document #:	
Document #:	562130		

Last Market Sale Information:

Recording/Sale Date:	**/**	1st Mtg Amount/Type:	**/**
Sale Price:		1st Mtg Int. Rate/Type:	**/**
Sale Type:		1st Mtg Document #:	
Document #:		2nd Mtg Amount/Type:	**/**
Deed Type:		2nd Mtg Int. Rate/Type:	**/**
Transfer Document #:		Price Per SqFt:	
New Construction:		Multi/Split Sale:	
Title Company:			
Lender:			
Seller Name:			

Prior Sale Information:

Prior Rec/Sale Date:	**/**	Prior Lender:	
Prior Sale Price:		Prior 1st Mtg Amt/Type:	**/**
Prior Doc Number:		Prior 1st Mtg Rate/Type:	**/**
Prior Deed Type:			

Property Characteristics:

Year Built / Eff:	**1970 /**	Total Rooms/Offices:		Garage Area:	
Gross Area:	**102,348**	Total Restrooms:		Garage Capacity:	
Building Area:	**102,348**	Roof Type:		Parking Spaces:	
Tot Adj Area:		Roof Material:		Heat Type:	
Above Grade:		Construction:		Air Cond:	**NONE**
# of Stories:	**1.00**	Foundation:		Pool:	
Other Improvements:		Exterior wall:		Quality:	
		Basement Area:		Condition:	

Site Information:

Zoning:		Acres:	**11.80**	County Use:	**COMMERCIAL (3)**
Lot Area:	**514,008**	Lot Width/Depth:	**x**	State Use:	
Land Use:	**COMMERCIAL BUILDING**	Commercial Units:		Water Type:	
Site Influence:		Sewer Type:		Building Class:	**C**

Tax Information:

Total Value:	**$19,096,172**	Assessed Year:	**2011**	Property Tax:	**$214,954.20**
Land Value:	**$8,648,151**	Improved %:	**55%**	Tax Area:	**04013**
Improvement Value:	**$10,448,021**	Tax Year:	**2011**	Tax Exemption:	
Total Taxable Value:	**$19,096,172**				

Property Detail Report

For Property Located At

CoreLogic RealQuest Professional

20001 BROOKHURST ST, HUNTINGTON BEACH, CA 92646-4922

Owner Information:

Owner Name:	**ADHURST LLC**
Mailing Address:	**3620 PACIFIC COAST HWY, TORRANCE CA 90505-6018 C025 C/O NATALIE SEVILLE**
Vesting Codes:	**/ / CO**

Location Information:

Legal Description:	**SEC 7 T 6 R 10 POR NE1/4 (P M 29-40 PAR 3)-EX STR**		
County:	**ORANGE, CA**	APN:	**151-461-30**
Census Tract / Block:	**992.38 / 1**	Alternate APN:	
Township-Range-Sect:		Subdivision:	**RANCHO LAS BOLSAS**
Legal Book/Page:		Map Reference:	**/ 858-E6**
Legal Lot:		Tract #:	
Legal Block:		School District:	**HUNTINGTON BEACH UN**
Market Area:		Munic/Township:	
Neighbor Code:			

Owner Transfer Information:

Recording/Sale Date:	**/**	Deed Type:	
Sale Price:		1st Mtg Document #:	
Document #:			

Last Market Sale Information:

Recording/Sale Date:	**12/24/2012 / 09/24/2012**	1st Mtg Amount/Type:	**$2,400,000 / CONV**
Sale Price:	**$3,000,000**	1st Mtg Int. Rate/Type:	**/ ADJ**
Sale Type:	**FULL**	1st Mtg Document #:	798059
Document #:	798058	2nd Mtg Amount/Type:	**/**
Deed Type:	**GRANT DEED**	2nd Mtg Int. Rate/Type:	**/**
Transfer Document #:		Price Per SqFt:	
New Construction:		Multi/Split Sale:	
Title Company:	**FIRST AMERICAN TITLE INSURANCE**		
Lender:	**JP MORGAN CHASE BK**		
Seller Name:	**NB OIL CO INC**		

Prior Sale Information:

Prior Rec/Sale Date:	**09/27/2007 / 09/27/2007**	Prior Lender:	**CENTENNIAL BK**
Prior Sale Price:	**$1,555,000**	Prior 1st Mtg Amt/Type:	**$1,358,000 / CONV**
Prior Doc Number:	587015	Prior 1st Mtg Rate/Type:	**/ ADJ**
Prior Deed Type:	**GRANT DEED**		

Property Characteristics:

Year Built / Eff:	**/**	Total Rooms/Offices:		Garage Area:	
Gross Area:		Total Restrooms:		Garage Capacity:	
Building Area:		Roof Type:		Parking Spaces:	
Tot Adj Area:		Roof Material:		Heat Type:	
Above Grade:		Construction:		Air Cond:	**NONE**
# of Stories:		Foundation:		Pool:	
Other Improvements:		Exterior wall:		Quality:	
		Basement Area:		Condition:	

Site Information:

Zoning:		Acres:	**0.56**	County Use:	**COMMERCIAL (3)**
Lot Area:	**24,262**	Lot Width/Depth:	**x**	State Use:	
Land Use:	**COMMERCIAL (NEC)**	Commercial Units:		Water Type:	
Site Influence:		Sewer Type:		Building Class:	

Tax Information:

Total Value:	**$1,594,255**	Assessed Year:	**2011**	Property Tax:	**$17,899.72**
Land Value:	**$1,545,045**	Improved %:	**3%**	Tax Area:	**04013**
Improvement Value:	**$49,210**	Tax Year:	**2011**	Tax Exemption:	
Total Taxable Value:	**$1,594,255**				

Property Detail Report

For Property Located At

CoreLogic RealQuest Professional

9791 ADAMS AVE, HUNTINGTON BEACH, CA 92646-4804

Owner Information:

Owner Name:	**TOWNE HOUSE PLAZA**
Mailing Address:	**140 NEWPORT CENTER DR #260, NEWPORT BEACH CA 92660-6977 C022 C/O KOHL'S DEPARTMENT STORES**
Vesting Codes:	**/ / CO**

Location Information:

Legal Description:	**P BK 197 PG 16 PAR 1**		
County:	**ORANGE, CA**	APN:	**153-171-01**
Census Tract / Block:	**992.15 / 1**	Alternate APN:	
Township-Range-Sect:		Subdivision:	
Legal Book/Page:		Map Reference:	**26-F4 / 858-D6**
Legal Lot:		Tract #:	
Legal Block:		School District:	**HUNTINGTON BEACH UN**
Market Area:		Munic/Township:	
Neighbor Code:			

Owner Transfer Information:

Recording/Sale Date:	**02/04/2009 / 01/26/2009**	Deed Type:	**QUIT CLAIM DEED**
Sale Price:		1st Mtg Document #:	
Document #:	48634		

Last Market Sale Information:

Recording/Sale Date:	**12/14/1989 / 12/1989**	1st Mtg Amount/Type:	**/**
Sale Price:		1st Mtg Int. Rate/Type:	**/**
Sale Type:	**FULL**	1st Mtg Document #:	
Document #:	676971	2nd Mtg Amount/Type:	**/**
Deed Type:	**QUIT CLAIM DEED**	2nd Mtg Int. Rate/Type:	**/**
Transfer Document #:		Price Per SqFt:	
New Construction:		Multi/Split Sale:	**MULTIPLE**
Title Company:			
Lender:			
Seller Name:	**FAINBARG ALLAN**		

Prior Sale Information:

Prior Rec/Sale Date:	**01/17/1989 / 01/1989**	Prior Lender:	
Prior Sale Price:	**$39,000**	Prior 1st Mtg Amt/Type:	**/**
Prior Doc Number:	25419	Prior 1st Mtg Rate/Type:	**/**
Prior Deed Type:	**GRANT DEED**		

Property Characteristics:

Year Built / Eff:	**/**	Total Rooms/Offices:		Garage Area:	
Gross Area:		Total Restrooms:		Garage Capacity:	
Building Area:		Roof Type:		Parking Spaces:	
Tot Adj Area:		Roof Material:		Heat Type:	
Above Grade:		Construction:		Air Cond:	**NONE**
# of Stories:		Foundation:		Pool:	
Other Improvements:		Exterior wall:		Quality:	
		Basement Area:		Condition:	

Site Information:

Zoning:		Acres:	**9.80**	County Use:	**COMMERCIAL (3)**
Lot Area:	**426,888**	Lot Width/Depth:	**x**	State Use:	
Land Use:	**COMMERCIAL (NEC)**	Commercial Units:		Water Type:	
Site Influence:		Sewer Type:		Building Class:	

Tax Information:

Total Value:	**$20,418,140**	Assessed Year:	**2011**	Property Tax:	**$299,660.52**
Land Value:	**$12,454,251**	Improved %:	**39%**	Tax Area:	**04036**
Improvement Value:	**$7,963,889**	Tax Year:	**2011**	Tax Exemption:	
Total Taxable Value:	**$20,418,140**				

Property Detail Report

For Property Located At

CoreLogic RealQuest Professional

9971 ADAMS AVE, HUNTINGTON BEACH, CA 92646-4809

Owner Information:

Owner Name:	**L & M CENTER LLC**
Mailing Address:	**140 NEWPORT CENTER DR #260, NEWPORT BEACH CA 92660-6977 C022**
Vesting Codes:	**/ / CO**

Location Information:

Legal Description:	**P BK 197 PG 16 PAR 2**		
County:	**ORANGE, CA**	APN:	**153-171-02**
Census Tract / Block:	**992.15 / 1**	Alternate APN:	
Township-Range-Sect:		Subdivision:	
Legal Book/Page:		Map Reference:	**26-F4 / 858-E6**
Legal Lot:		Tract #:	
Legal Block:		School District:	**HUNTINGTON BEACH UN**
Market Area:		Munic/Township:	
Neighbor Code:			

Owner Transfer Information:

Recording/Sale Date:	**05/05/2005 /**	Deed Type:	**DEED (REG)**
Sale Price:		1st Mtg Document #:	
Document #:	345618		

Last Market Sale Information:

Recording/Sale Date:	**08/03/1998 / 07/31/1998**	1st Mtg Amount/Type:	**/**
Sale Price:		1st Mtg Int. Rate/Type:	**/**
Sale Type:	**FULL**	1st Mtg Document #:	
Document #:	501929	2nd Mtg Amount/Type:	**/**
Deed Type:	**GRANT DEED**	2nd Mtg Int. Rate/Type:	**/**
Transfer Document #:		Price Per SqFt:	
New Construction:		Multi/Split Sale:	
Title Company:	**CHICAGO TITLE INSURANCE COMPAN**		
Lender:			
Seller Name:	**FAINBARG TRUST**		

Prior Sale Information:

Prior Rec/Sale Date:	**12/14/1989 / 12/1989**	Prior Lender:	
Prior Sale Price:		Prior 1st Mtg Amt/Type:	**/**
Prior Doc Number:	676971	Prior 1st Mtg Rate/Type:	**/**
Prior Deed Type:	**QUIT CLAIM DEED**		

Property Characteristics:

Year Built / Eff:	**1984 /**	Total Rooms/Offices:		Garage Area:	
Gross Area:	**8,241**	Total Restrooms:		Garage Capacity:	
Building Area:	**8,241**	Roof Type:		Parking Spaces:	
Tot Adj Area:		Roof Material:		Heat Type:	
Above Grade:		Construction:		Air Cond:	**NONE**
# of Stories:	**1.00**	Foundation:		Pool:	
Other Improvements:		Exterior wall:		Quality:	
		Basement Area:		Condition:	

Site Information:

Zoning:		Acres:	**0.52**	County Use:	**COMMERCIAL (3)**
Lot Area:	**22,500**	Lot Width/Depth:	**x**	State Use:	
Land Use:	**COMMERCIAL (NEC)**	Commercial Units:		Water Type:	
Site Influence:		Sewer Type:		Building Class:	**C**

Tax Information:

Total Value:	**$1,540,849**	Assessed Year:	**2011**	Property Tax:	**$19,514.02**
Land Value:	**$825,973**	Improved %:	**46%**	Tax Area:	**04036**
Improvement Value:	**$714,876**	Tax Year:	**2011**	Tax Exemption:	
Total Taxable Value:	**$1,540,849**				

Property Detail Report

For Property Located At

CoreLogic RealQuest Professional

10111 ADAMS AVE, HUNTINGTON BEACH, CA 92646-4906

Owner Information:

Owner Name:	**BEACHMONT PROPERTIES LLC**
Mailing Address:	**2760 E SPRING ST STE 200, LONG BEACH CA 90806-2257 C032**
Vesting Codes:	**/ /**

Location Information:

Legal Description:	**SEC 5 T 6 R 10 IRREG 2.33 AC M/L IN SW1/4 SW1/4**		
County:	**ORANGE, CA**	APN:	**155-051-07**
Census Tract / Block:	**992.16 /**	Alternate APN:	
Township-Range-Sect:		Subdivision:	
Legal Book/Page:	**-**	Map Reference:	**/**
Legal Lot:		Tract #:	
Legal Block:		School District:	
Market Area:		Munic/Township:	
Neighbor Code:			

Owner Transfer Information:

Recording/Sale Date:	**/**	Deed Type:	
Sale Price:		1st Mtg Document #:	
Document #:			

Last Market Sale Information:

Recording/Sale Date:	**06/26/2000 /**	1st Mtg Amount/Type:	**/**
Sale Price:	**A**	1st Mtg Int. Rate/Type:	**/**
Sale Type:	**UNKNOWN**	1st Mtg Document #:	
Document #:	333870	2nd Mtg Amount/Type:	**/**
Deed Type:	**GRANT DEED**	2nd Mtg Int. Rate/Type:	**/**
Transfer Document #:		Price Per SqFt:	
New Construction:		Multi/Split Sale:	
Title Company:			
Lender:			
Seller Name:	**FAINBARG TRUST**		

Prior Sale Information:

Prior Rec/Sale Date:	**/**	Prior Lender:	
Prior Sale Price:		Prior 1st Mtg Amt/Type:	**/**
Prior Doc Number:		Prior 1st Mtg Rate/Type:	**/**
Prior Deed Type:			

Property Characteristics:

Gross Area:		Parking Type:		Construction:	
Living Area:		Garage Area:		Heat Type:	
Tot Adj Area:		Garage Capacity:		Exterior wall:	
Above Grade:		Parking Spaces:		Porch Type:	
Total Rooms:		Basement Area:		Patio Type:	
Bedrooms:		Finish Bsmnt Area:		Pool:	
Bath(F/H):	**/**	Basement Type:		Air Cond:	
Year Built / Eff:	**/**	Roof Type:		Style:	
Fireplace:	**/**	Foundation:		Quality:	
# of Stories:		Roof Material:		Condition:	
Other Improvements:					

Site Information:

Zoning:	Acres:		County Use:	
Lot Area:	Lot Width/Depth:	**x**	State Use:	
Land Use:	Res/Comm Units:	**/**	Water Type:	
Site Influence:			Sewer Type:	

Tax Information:

Total Value:	Assessed Year:	Property Tax:	
Land Value:	Improved %:	Tax Area:	
Improvement Value:	Tax Year:	Tax Exemption:	
Total Taxable Value:			

Property Detail Report

For Property Located At

CoreLogic RealQuest Professional

10111 ADAMS AVE, HUNTINGTON BEACH, CA 92646-4906

Owner Information:

Owner Name:	**BEACHMONT PLAZA**
Mailing Address:	**10111 ADAMS AVE, HUNTINGTON BEACH CA 92646-4906 C013**
Vesting Codes:	**/ / CO**

Location Information:

Legal Description:	**T 6 R 10IRREG 2.33 ACRES M/L SW1/ MAP E6 858**		
County:	**ORANGE, CA**	APN:	**155-051-07**
Census Tract / Block:	**992.16 /**	Alternate APN:	
Township-Range-Sect:		Subdivision:	
Legal Book/Page:	**E6-858**	Map Reference:	**/**
Legal Lot:		Tract #:	
Legal Block:		School District:	
Market Area:		Munic/Township:	
Neighbor Code:			

Owner Transfer Information:

Recording/Sale Date:	**/**	Deed Type:	
Sale Price:		1st Mtg Document #:	
Document #:			

Last Market Sale Information:

Recording/Sale Date:	**06/30/1998 / 03/19/1998**	1st Mtg Amount/Type:	**$850,000 / CONV**
Sale Price:	**$1,681,818 A**	1st Mtg Int. Rate/Type:	**/ FIXED**
Sale Type:	**FULL**	1st Mtg Document #:	
Document #:	413587	2nd Mtg Amount/Type:	**/**
Deed Type:	**GRANT DEED**	2nd Mtg Int. Rate/Type:	**/**
Transfer Document #:		Price Per SqFt:	
New Construction:		Multi/Split Sale:	
Title Company:	**ORANGE COAST TITLE CO.**		
Lender:	**MISCELLANEOUS FIN**		
Seller Name:	**FAINBARG ALLAN TRUST**		

Prior Sale Information:

Prior Rec/Sale Date:	**/**	Prior Lender:	
Prior Sale Price:		Prior 1st Mtg Amt/Type:	**/**
Prior Doc Number:		Prior 1st Mtg Rate/Type:	**/**
Prior Deed Type:			

Property Characteristics:

Gross Area:		Parking Type:		Construction:	
Living Area:		Garage Area:		Heat Type:	
Tot Adj Area:		Garage Capacity:		Exterior wall:	
Above Grade:		Parking Spaces:		Porch Type:	
Total Rooms:		Basement Area:		Patio Type:	
Bedrooms:		Finish Bsmnt Area:		Pool:	
Bath(F/H):	**/**	Basement Type:		Air Cond:	
Year Built / Eff:	**/**	Roof Type:		Style:	
Fireplace:	**/**	Foundation:		Quality:	
# of Stories:		Roof Material:		Condition:	
Other Improvements:					

Site Information:

Zoning:		Acres:		County Use:	
Lot Area:		Lot Width/Depth:	**x**	State Use:	
Land Use:		Res/Comm Units:	**/**	Water Type:	
Site Influence:				Sewer Type:	

Tax Information:

Total Value:		Assessed Year:		Property Tax:	
Land Value:		Improved %:		Tax Area:	
Improvement Value:		Tax Year:		Tax Exemption:	
Total Taxable Value:					

Property Detail Report

For Property Located At

CoreLogic RealQuest Professional

10111 ADAMS AVE, HUNTINGTON BEACH, CA 92646-4906

Owner Information:

Owner Name:	**BROOKHURST & ADAMS LLC**
Mailing Address:	**N/AVAIL**
Vesting Codes:	**/ / CO**

Location Information:

Legal Description:	**SEC 5 T 6 R 10 IRREG 2.33 AC M/L IN SW1/4 SW1/4**		
County:	**ORANGE, CA**	APN:	**155-051-07**
Census Tract / Block:	**992.16 /**	Alternate APN:	
Township-Range-Sect:		Subdivision:	
Legal Book/Page:		Map Reference:	**/**
Legal Lot:		Tract #:	
Legal Block:		School District:	
Market Area:		Munic/Township:	
Neighbor Code:			

Owner Transfer Information:

Recording/Sale Date:	**/**	Deed Type:	
Sale Price:		1st Mtg Document #:	
Document #:			

Last Market Sale Information:

Recording/Sale Date:	**01/11/2005 / 12/30/2004**	1st Mtg Amount/Type:	**/**
Sale Price:	**A**	1st Mtg Int. Rate/Type:	**/**
Sale Type:	**UNKNOWN**	1st Mtg Document #:	
Document #:	24601	2nd Mtg Amount/Type:	**/**
Deed Type:	**GRANT DEED**	2nd Mtg Int. Rate/Type:	**/**
Transfer Document #:		Price Per SqFt:	
New Construction:		Multi/Split Sale:	**MULTIPLE**
Title Company:	**LAWYERS TITLE**		
Lender:			
Seller Name:	**BEACHBANK PARTNERS LLC**		

Prior Sale Information:

Prior Rec/Sale Date:	**/**	Prior Lender:	
Prior Sale Price:		Prior 1st Mtg Amt/Type:	**/**
Prior Doc Number:		Prior 1st Mtg Rate/Type:	**/**
Prior Deed Type:			

Property Characteristics:

Gross Area:		Parking Type:		Construction:	
Living Area:		Garage Area:		Heat Type:	
Tot Adj Area:		Garage Capacity:		Exterior wall:	
Above Grade:		Parking Spaces:		Porch Type:	
Total Rooms:		Basement Area:		Patio Type:	
Bedrooms:		Finish Bsmnt Area:		Pool:	
Bath(F/H):	**/**	Basement Type:		Air Cond:	
Year Built / Eff:	**/**	Roof Type:		Style:	
Fireplace:	**/**	Foundation:		Quality:	
# of Stories:		Roof Material:		Condition:	
Other Improvements:					

Site Information:

Zoning:		Acres:		County Use:	
Lot Area:		Lot Width/Depth:	**x**	State Use:	
Land Use:		Res/Comm Units:	**/**	Water Type:	
Site Influence:				Sewer Type:	

Tax Information:

Total Value:		Assessed Year:		Property Tax:	
Land Value:		Improved %:		Tax Area:	
Improvement Value:		Tax Year:		Tax Exemption:	
Total Taxable Value:					

Property Detail Report

For Property Located At

CoreLogic RealQuest Professional

10113 ADAMS AVE, HUNTINGTON BEACH, CA 92646-4906

Owner Information:

Owner Name:	**COGWILL DEBORAH S & SHERE GAIL**
Mailing Address:	**2760 E SPRING ST STE 200, LONG BEACH CA 90806-2268 C032**
Vesting Codes:	**/ /**

Location Information:

Legal Description:			
County:	**ORANGE, CA**	APN:	**155-051-11**
Census Tract / Block:	**992.16 /**	Alternate APN:	
Township-Range-Sect:		Subdivision:	**RANCHO LAS BOLSAS**
Legal Book/Page:		Map Reference:	**/**
Legal Lot:		Tract #:	
Legal Block:		School District:	
Market Area:		Munic/Township:	
Neighbor Code:			

Owner Transfer Information:

Recording/Sale Date:	**/**	Deed Type:	
Sale Price:		1st Mtg Document #:	
Document #:			

Last Market Sale Information:

Recording/Sale Date:	**06/27/1989 / 06/1989**	1st Mtg Amount/Type:	**/**
Sale Price:	**A**	1st Mtg Int. Rate/Type:	**/**
Sale Type:	**FULL**	1st Mtg Document #:	
Document #:	340188	2nd Mtg Amount/Type:	**/**
Deed Type:	**GRANT DEED**	2nd Mtg Int. Rate/Type:	**/**
Transfer Document #:		Price Per SqFt:	
New Construction:		Multi/Split Sale:	
Title Company:			
Lender:			
Seller Name:	**COWGILL ROBERT H**		

Prior Sale Information:

Prior Rec/Sale Date:	**/**	Prior Lender:	
Prior Sale Price:		Prior 1st Mtg Amt/Type:	**/**
Prior Doc Number:		Prior 1st Mtg Rate/Type:	**/**
Prior Deed Type:			

Property Characteristics:

Gross Area:		Parking Type:		Construction:	
Living Area:		Garage Area:		Heat Type:	
Tot Adj Area:		Garage Capacity:		Exterior wall:	
Above Grade:		Parking Spaces:		Porch Type:	
Total Rooms:		Basement Area:		Patio Type:	
Bedrooms:		Finish Bsmnt Area:		Pool:	
Bath(F/H):	**/**	Basement Type:		Air Cond:	
Year Built / Eff:	**/**	Roof Type:		Style:	
Fireplace:	**/**	Foundation:		Quality:	
# of Stories:		Roof Material:		Condition:	
Other Improvements:					

Site Information:

Zoning:	Acres:		County Use:	
Lot Area:	Lot Width/Depth:	**x**	State Use:	
Land Use:	Res/Comm Units:	**/**	Water Type:	
Site Influence:			Sewer Type:	

Tax Information:

Total Value:	Assessed Year:		Property Tax:	
Land Value:	Improved %:		Tax Area:	
Improvement Value:	Tax Year:		Tax Exemption:	
Total Taxable Value:				

Property Detail Report

For Property Located At

CoreLogic RealQuest Professional

10121 ADAMS AVE, HUNTINGTON BEACH, CA 92646-4906

Owner Information:

Owner Name:	**BROOKHURST & ADAMS LLC**		
Mailing Address:	**N/AVAIL**		
Vesting Codes:	**/ / CO**		

Location Information:

Legal Description:	**SEC 5 T 6 R 10 E 222.90 F T W 550.74 FT S 160 FT SW1/4 SW1/4 -EX ST-**		
County:	**ORANGE, CA**	APN:	**155-051-11**
Census Tract / Block:	**992.16 /**	Alternate APN:	
Township-Range-Sect:		Subdivision:	
Legal Book/Page:		Map Reference:	**/**
Legal Lot:		Tract #:	
Legal Block:		School District:	
Market Area:		Munic/Township:	
Neighbor Code:			

Owner Transfer Information:

Recording/Sale Date:	**/**	Deed Type:	
Sale Price:		1st Mtg Document #:	
Document #:			

Last Market Sale Information:

Recording/Sale Date:	**01/11/2005 / 12/30/2004**	1st Mtg Amount/Type:	**/**
Sale Price:	**A**	1st Mtg Int. Rate/Type:	**/**
Sale Type:	**UNKNOWN**	1st Mtg Document #:	
Document #:	24601	2nd Mtg Amount/Type:	**/**
Deed Type:	**GRANT DEED**	2nd Mtg Int. Rate/Type:	**/**
Transfer Document #:		Price Per SqFt:	
New Construction:		Multi/Split Sale:	**MULTI**
Title Company:	**LAWYERS TITLE**		
Lender:			
Seller Name:	**BEACHBANK PARTNERS LLC**		

Prior Sale Information:

Prior Rec/Sale Date:	**/**	Prior Lender:	
Prior Sale Price:		Prior 1st Mtg Amt/Type:	**/**
Prior Doc Number:		Prior 1st Mtg Rate/Type:	**/**
Prior Deed Type:			

Property Characteristics:

Gross Area:		Parking Type:		Construction:	
Living Area:		Garage Area:		Heat Type:	
Tot Adj Area:		Garage Capacity:		Exterior wall:	
Above Grade:		Parking Spaces:		Porch Type:	
Total Rooms:		Basement Area:		Patio Type:	
Bedrooms:		Finish Bsmnt Area:		Pool:	
Bath(F/H):	**/**	Basement Type:		Air Cond:	
Year Built / Eff:	**/**	Roof Type:		Style:	
Fireplace:	**/**	Foundation:		Quality:	
# of Stories:		Roof Material:		Condition:	
Other Improvements:					

Site Information:

Zoning:		Acres:		County Use:	
Lot Area:		Lot Width/Depth:	**x**	State Use:	
Land Use:		Res/Comm Units:	**/**	Water Type:	
Site Influence:				Sewer Type:	

Tax Information:

Total Value:		Assessed Year:		Property Tax:	
Land Value:		Improved %:		Tax Area:	
Improvement Value:		Tax Year:		Tax Exemption:	
Total Taxable Value:					

Property Detail Report

For Property Located At

CoreLogic RealQuest Professional

10121 ADAMS AVE, HUNTINGTON BEACH, CA 92646-4906

Owner Information:

Owner Name:	**BEACHBANK PTRS LLC**
Mailing Address:	**2760 E SPRING ST STE 200, LONG BEACH CA 90806-2257 C032 C/O WESTERN REALTY**
Vesting Codes:	**/ /**

Location Information:

Legal Description:	**SEC 5 T 6 R 10 E 222.90 FT W 550.74 FT S 160 FT SW1/4 SW1/4 -EX ST-**		
County:	**ORANGE, CA**	APN:	**155-051-11**
Census Tract / Block:	**992.16 /**	Alternate APN:	
Township-Range-Sect:		Subdivision:	
Legal Book/Page:		Map Reference:	**/**
Legal Lot:		Tract #:	
Legal Block:		School District:	
Market Area:		Munic/Township:	
Neighbor Code:			

Owner Transfer Information:

Recording/Sale Date:	**/**	Deed Type:	
Sale Price:		1st Mtg Document #:	
Document #:			

Last Market Sale Information:

Recording/Sale Date:	**03/16/2001 / 02/22/2001**	1st Mtg Amount/Type:	**/**
Sale Price:	**A**	1st Mtg Int. Rate/Type:	**/**
Sale Type:	**UNKNOWN**	1st Mtg Document #:	
Document #:	152512	2nd Mtg Amount/Type:	**/**
Deed Type:	**GRANT DEED**	2nd Mtg Int. Rate/Type:	**/**
Transfer Document #:		Price Per SqFt:	
New Construction:		Multi/Split Sale:	
Title Company:			
Lender:			
Seller Name:	**COWGILL DEBORAH S**		

Prior Sale Information:

Prior Rec/Sale Date:	**/**	Prior Lender:	
Prior Sale Price:		Prior 1st Mtg Amt/Type:	**/**
Prior Doc Number:		Prior 1st Mtg Rate/Type:	**/**
Prior Deed Type:			

Property Characteristics:

Gross Area:		Parking Type:		Construction:	
Living Area:		Garage Area:		Heat Type:	
Tot Adj Area:		Garage Capacity:		Exterior wall:	
Above Grade:		Parking Spaces:		Porch Type:	
Total Rooms:		Basement Area:		Patio Type:	
Bedrooms:		Finish Bsmnt Area:		Pool:	
Bath(F/H):	**/**	Basement Type:		Air Cond:	
Year Built / Eff:	**/**	Roof Type:		Style:	
Fireplace:	**/**	Foundation:		Quality:	
# of Stories:		Roof Material:		Condition:	
Other Improvements:					

Site Information:

Zoning:	Acres:		County Use:	
Lot Area:	Lot Width/Depth:	**x**	State Use:	
Land Use:	Res/Comm Units:	**/**	Water Type:	
Site Influence:			Sewer Type:	

Tax Information:

Total Value:	Assessed Year:		Property Tax:
Land Value:	Improved %:		Tax Area:
Improvement Value:	Tax Year:		Tax Exemption:
Total Taxable Value:			

Property Detail Report

For Property Located At

CoreLogic RealQuest Professional

10113 ADAMS AVE, HUNTINGTON BEACH, CA 92646-4906

Owner Information:

Owner Name:	**COWGILL DEBORAH/SHERE GAIL**
Mailing Address:	**N/AVAIL**
Vesting Codes:	**SI / A /**

Location Information:

Legal Description:	**T 6 R 10E 222.90 W 550.74 S 160 S MAP E6 858**		
County:	**ORANGE, CA**	APN:	**155-051-11**
Census Tract / Block:	**992.16 /**	Alternate APN:	
Township-Range-Sect:		Subdivision:	
Legal Book/Page:	**E6-858**	Map Reference:	**/**
Legal Lot:		Tract #:	
Legal Block:		School District:	
Market Area:		Munic/Township:	
Neighbor Code:			

Owner Transfer Information:

Recording/Sale Date:	**/**	Deed Type:	
Sale Price:		1st Mtg Document #:	
Document #:			

Last Market Sale Information:

Recording/Sale Date:	**09/19/1994 /**	1st Mtg Amount/Type:	**/**
Sale Price:	**A**	1st Mtg Int. Rate/Type:	**/**
Sale Type:	**FULL**	1st Mtg Document #:	
Document #:	567366	2nd Mtg Amount/Type:	**/**
Deed Type:	**QUIT CLAIM DEED**	2nd Mtg Int. Rate/Type:	**/**
Transfer Document #:		Price Per SqFt:	
New Construction:		Multi/Split Sale:	
Title Company:	**CONTINENTAL LAWYERS TITLE CO.**		
Lender:			
Seller Name:	**C K S DEVELOPMENT CO**		

Prior Sale Information:

Prior Rec/Sale Date:	**/**	Prior Lender:	
Prior Sale Price:		Prior 1st Mtg Amt/Type:	**/**
Prior Doc Number:		Prior 1st Mtg Rate/Type:	**/**
Prior Deed Type:			

Property Characteristics:

Gross Area:		Parking Type:		Construction:	
Living Area:		Garage Area:		Heat Type:	
Tot Adj Area:		Garage Capacity:		Exterior wall:	
Above Grade:		Parking Spaces:		Porch Type:	
Total Rooms:		Basement Area:		Patio Type:	
Bedrooms:		Finish Bsmnt Area:		Pool:	
Bath(F/H):	**/**	Basement Type:		Air Cond:	
Year Built / Eff:	**/**	Roof Type:		Style:	
Fireplace:	**/**	Foundation:		Quality:	
# of Stories:		Roof Material:		Condition:	
Other Improvements:					

Site Information:

Zoning:	Acres:		County Use:	
Lot Area:	Lot Width/Depth:	**x**	State Use:	
Land Use:	Res/Comm Units:	**/**	Water Type:	
Site Influence:			Sewer Type:	

Tax Information:

Total Value:	Assessed Year:		Property Tax:
Land Value:	Improved %:		Tax Area:
Improvement Value:	Tax Year:		Tax Exemption:
Total Taxable Value:			

Property Detail Report

For Property Located At

CoreLogic RealQuest Professional

10121 ADAMS AVE, HUNTINGTON BEACH, CA 92646-4906

Owner Information:

Owner Name:	**VIVIAN D. KELLY (TE)**
Mailing Address:	**2411 BAYSHORE DR, NEWPORT BEACH CA 92663-5604 C005**
Vesting Codes:	**/ / TE**

Location Information:

Legal Description:			
County:	**ORANGE, CA**	APN:	**155-051-11**
Census Tract / Block:	**992.16 /**	Alternate APN:	
Township-Range-Sect:		Subdivision:	
Legal Book/Page:		Map Reference:	**/**
Legal Lot:		Tract #:	
Legal Block:		School District:	
Market Area:		Munic/Township:	
Neighbor Code:			

Owner Transfer Information:

Recording/Sale Date:	**/**	Deed Type:	
Sale Price:		1st Mtg Document #:	
Document #:			

Last Market Sale Information:

Recording/Sale Date:	**04/23/1990 /**	1st Mtg Amount/Type:	**/**
Sale Price:	**A**	1st Mtg Int. Rate/Type:	**/**
Sale Type:	**FULL**	1st Mtg Document #:	
Document #:	212409	2nd Mtg Amount/Type:	**/**
Deed Type:	**GRANT DEED**	2nd Mtg Int. Rate/Type:	**/**
Transfer Document #:		Price Per SqFt:	
New Construction:		Multi/Split Sale:	
Title Company:			
Lender:			
Seller Name:	**VIVIAN D KELLY TE**		

Prior Sale Information:

Prior Rec/Sale Date:	**/**	Prior Lender:	
Prior Sale Price:		Prior 1st Mtg Amt/Type:	**/**
Prior Doc Number:		Prior 1st Mtg Rate/Type:	**/**
Prior Deed Type:			

Property Characteristics:

Gross Area:		Parking Type:		Construction:	
Living Area:		Garage Area:		Heat Type:	
Tot Adj Area:		Garage Capacity:		Exterior wall:	
Above Grade:		Parking Spaces:		Porch Type:	
Total Rooms:		Basement Area:		Patio Type:	
Bedrooms:		Finish Bsmnt Area:		Pool:	
Bath(F/H):	**/**	Basement Type:		Air Cond:	
Year Built / Eff:	**/**	Roof Type:		Style:	
Fireplace:	**/**	Foundation:		Quality:	
# of Stories:		Roof Material:		Condition:	
Other Improvements:					

Site Information:

Zoning:	Acres:		County Use:	
Lot Area:	Lot Width/Depth:	**x**	State Use:	
Land Use:	Res/Comm Units:	**/**	Water Type:	
Site Influence:			Sewer Type:	

Tax Information:

Total Value:	Assessed Year:	Property Tax:	
Land Value:	Improved %:	Tax Area:	
Improvement Value:	Tax Year:	Tax Exemption:	
Total Taxable Value:			

Property Detail Report

For Property Located At

CoreLogic RealQuest Professional

10121 ADAMS AVE, HUNTINGTON BEACH, CA 92646-4906

Owner Information:

Owner Name:	**COWGILL DEBORAH S/STANDISH SARAGAIL & ROBE**
Mailing Address:	**N/AVAIL**
Vesting Codes:	**/ A / SE**

Location Information:

Legal Description:	**EX ST SEC 5 MAP E6 858**		
County:	**ORANGE, CA**	APN:	**155-051-11**
Census Tract / Block:	**992.16 /**	Alternate APN:	
Township-Range-Sect:		Subdivision:	
Legal Book/Page:	**E6-858**	Map Reference:	**/**
Legal Lot:		Tract #:	
Legal Block:		School District:	
Market Area:		Munic/Township:	
Neighbor Code:			

Owner Transfer Information:

Recording/Sale Date:	**/**	Deed Type:	
Sale Price:		1st Mtg Document #:	
Document #:			

Last Market Sale Information:

Recording/Sale Date:	**07/22/1996 /**	1st Mtg Amount/Type:	**/**
Sale Price:	**$110,000 A**	1st Mtg Int. Rate/Type:	**/**
Sale Type:	**FULL**	1st Mtg Document #:	
Document #:	371824	2nd Mtg Amount/Type:	**/**
Deed Type:	**GRANT DEED**	2nd Mtg Int. Rate/Type:	**/**
Transfer Document #:		Price Per SqFt:	
New Construction:		Multi/Split Sale:	
Title Company:	**CONTINENTAL LAWYERS TITLE CO.**		
Lender:			
Seller Name:	**COWGILL DEBORAH & SHERE GAIL & COWGILL**		

Prior Sale Information:

Prior Rec/Sale Date:	**/**	Prior Lender:	
Prior Sale Price:		Prior 1st Mtg Amt/Type:	**/**
Prior Doc Number:		Prior 1st Mtg Rate/Type:	**/**
Prior Deed Type:			

Property Characteristics:

Gross Area:		Parking Type:		Construction:	
Living Area:		Garage Area:		Heat Type:	
Tot Adj Area:		Garage Capacity:		Exterior wall:	
Above Grade:		Parking Spaces:		Porch Type:	
Total Rooms:		Basement Area:		Patio Type:	
Bedrooms:		Finish Bsmnt Area:		Pool:	
Bath(F/H):	**/**	Basement Type:		Air Cond:	
Year Built / Eff:	**/**	Roof Type:		Style:	
Fireplace:	**/**	Foundation:		Quality:	
# of Stories:		Roof Material:		Condition:	
Other Improvements:					

Site Information:

Zoning:	Acres:		County Use:	
Lot Area:	Lot Width/Depth:	**x**	State Use:	
Land Use:	Res/Comm Units:	**/**	Water Type:	
Site Influence:			Sewer Type:	

Tax Information:

Total Value:	Assessed Year:		Property Tax:	
Land Value:	Improved %:		Tax Area:	
Improvement Value:	Tax Year:		Tax Exemption:	
Total Taxable Value:				

Property Detail Report

For Property Located At

CoreLogic RealQuest Professional

10113 ADAMS AVE, HUNTINGTON BEACH, CA 92646-4906

Owner Information:

Owner Name:	**COWGILL BRUCE A**
Mailing Address:	**555 S FLOWER ST # 29, LOS ANGELES CA 90071-2300 C027**
Vesting Codes:	**/ /**

Location Information:

Legal Description:			
County:	**ORANGE, CA**	APN:	**155-051-11**
Census Tract / Block:	**992.16 /**	Alternate APN:	
Township-Range-Sect:		Subdivision:	
Legal Book/Page:		Map Reference:	**/**
Legal Lot:		Tract #:	
Legal Block:		School District:	
Market Area:		Munic/Township:	
Neighbor Code:			

Owner Transfer Information:

Recording/Sale Date:	**/**	Deed Type:	
Sale Price:		1st Mtg Document #:	
Document #:			

Last Market Sale Information:

Recording/Sale Date:	**11/13/1989 / 06/1989**	1st Mtg Amount/Type:	**/**
Sale Price:	**A**	1st Mtg Int. Rate/Type:	**/**
Sale Type:	**FULL**	1st Mtg Document #:	
Document #:	610393	2nd Mtg Amount/Type:	**/**
Deed Type:	**QUIT CLAIM DEED**	2nd Mtg Int. Rate/Type:	**/**
Transfer Document #:		Price Per SqFt:	
New Construction:		Multi/Split Sale:	
Title Company:			
Lender:			
Seller Name:	**COWGILL VERONICA**		

Prior Sale Information:

Prior Rec/Sale Date:	**/**	Prior Lender:	
Prior Sale Price:		Prior 1st Mtg Amt/Type:	**/**
Prior Doc Number:		Prior 1st Mtg Rate/Type:	**/**
Prior Deed Type:			

Property Characteristics:

Gross Area:		Parking Type:		Construction:	
Living Area:		Garage Area:		Heat Type:	
Tot Adj Area:		Garage Capacity:		Exterior wall:	
Above Grade:		Parking Spaces:		Porch Type:	
Total Rooms:		Basement Area:		Patio Type:	
Bedrooms:		Finish Bsmnt Area:		Pool:	
Bath(F/H):	**/**	Basement Type:		Air Cond:	
Year Built / Eff:	**/**	Roof Type:		Style:	
Fireplace:	**/**	Foundation:		Quality:	
# of Stories:		Roof Material:		Condition:	
Other Improvements:					

Site Information:

Zoning:	Acres:		County Use:	
Lot Area:	Lot Width/Depth:	**x**	State Use:	
Land Use:	Res/Comm Units:	**/**	Water Type:	
Site Influence:			Sewer Type:	

Tax Information:

Total Value:	Assessed Year:	Property Tax:	
Land Value:	Improved %:	Tax Area:	
Improvement Value:	Tax Year:	Tax Exemption:	
Total Taxable Value:			

Property Detail Report

For Property Located At

CoreLogic RealQuest Professional

10113 ADAMS AVE, HUNTINGTON BEACH, CA 92646-4906

Owner Information:

Owner Name:	**SHERE GAIL**
Mailing Address:	**555 S FLOWER ST # 29, LOS ANGELES CA 90071-2300 C027**
Vesting Codes:	**/ /**

Location Information:

Legal Description:			
County:	**ORANGE, CA**	APN:	**155-051-11**
Census Tract / Block:	**992.16 /**	Alternate APN:	
Township-Range-Sect:		Subdivision:	
Legal Book/Page:		Map Reference:	**/**
Legal Lot:		Tract #:	
Legal Block:		School District:	
Market Area:		Munic/Township:	
Neighbor Code:			

Owner Transfer Information:

Recording/Sale Date:	**/**	Deed Type:	
Sale Price:		1st Mtg Document #:	
Document #:			

Last Market Sale Information:

Recording/Sale Date:	**11/13/1989 / 06/1989**	1st Mtg Amount/Type:	**/**
Sale Price:	**A**	1st Mtg Int. Rate/Type:	**/**
Sale Type:	**FULL**	1st Mtg Document #:	
Document #:	610392	2nd Mtg Amount/Type:	**/**
Deed Type:	**QUIT CLAIM DEED**	2nd Mtg Int. Rate/Type:	**/**
Transfer Document #:		Price Per SqFt:	
New Construction:		Multi/Split Sale:	
Title Company:			
Lender:			
Seller Name:	**SHERE JOHN**		

Prior Sale Information:

Prior Rec/Sale Date:	**/**	Prior Lender:	
Prior Sale Price:		Prior 1st Mtg Amt/Type:	**/**
Prior Doc Number:		Prior 1st Mtg Rate/Type:	**/**
Prior Deed Type:			

Property Characteristics:

Gross Area:		Parking Type:		Construction:	
Living Area:		Garage Area:		Heat Type:	
Tot Adj Area:		Garage Capacity:		Exterior wall:	
Above Grade:		Parking Spaces:		Porch Type:	
Total Rooms:		Basement Area:		Patio Type:	
Bedrooms:		Finish Bsmnt Area:		Pool:	
Bath(F/H):	**/**	Basement Type:		Air Cond:	
Year Built / Eff:	**/**	Roof Type:		Style:	
Fireplace:	**/**	Foundation:		Quality:	
# of Stories:		Roof Material:		Condition:	
Other Improvements:					

Site Information:

Zoning:	Acres:		County Use:	
Lot Area:	Lot Width/Depth:	**x**	State Use:	
Land Use:	Res/Comm Units:	**/**	Water Type:	
Site Influence:			Sewer Type:	

Tax Information:

Total Value:	Assessed Year:	Property Tax:	
Land Value:	Improved %:	Tax Area:	
Improvement Value:	Tax Year:	Tax Exemption:	
Total Taxable Value:			

Property Detail Report

For Property Located At

CoreLogic RealQuest Professional

10113 ADAMS AVE, HUNTINGTON BEACH, CA 92646-4906

Owner Information:

Owner Name:	**COWGILL DEBORAH S & SHERE GAIL**
Mailing Address:	**555 S FLOWER ST # 29, LOS ANGELES CA 90071-2300 C027**
Vesting Codes:	**/ /**

Location Information:

Legal Description:			
County:	**ORANGE, CA**	APN:	**155-051-11**
Census Tract / Block:	**992.16 /**	Alternate APN:	
Township-Range-Sect:		Subdivision:	
Legal Book/Page:		Map Reference:	**/**
Legal Lot:		Tract #:	
Legal Block:		School District:	
Market Area:		Munic/Township:	
Neighbor Code:			

Owner Transfer Information:

Recording/Sale Date:	**/**	Deed Type:	
Sale Price:		1st Mtg Document #:	
Document #:			

Last Market Sale Information:

Recording/Sale Date:	**11/13/1989 / 06/1989**	1st Mtg Amount/Type:	**/**
Sale Price:	**$18,000 A**	1st Mtg Int. Rate/Type:	**/**
Sale Type:	**PARTIAL**	1st Mtg Document #:	
Document #:	610391	2nd Mtg Amount/Type:	**/**
Deed Type:	**GRANT DEED**	2nd Mtg Int. Rate/Type:	**/**
Transfer Document #:		Price Per SqFt:	
New Construction:		Multi/Split Sale:	
Title Company:			
Lender:			
Seller Name:	**ALLEN PRISCILLA**		

Prior Sale Information:

Prior Rec/Sale Date:	**/**	Prior Lender:	
Prior Sale Price:		Prior 1st Mtg Amt/Type:	**/**
Prior Doc Number:		Prior 1st Mtg Rate/Type:	**/**
Prior Deed Type:			

Property Characteristics:

Gross Area:		Parking Type:		Construction:	
Living Area:		Garage Area:		Heat Type:	
Tot Adj Area:		Garage Capacity:		Exterior wall:	
Above Grade:		Parking Spaces:		Porch Type:	
Total Rooms:		Basement Area:		Patio Type:	
Bedrooms:		Finish Bsmnt Area:		Pool:	
Bath(F/H):	**/**	Basement Type:		Air Cond:	
Year Built / Eff:	**/**	Roof Type:		Style:	
Fireplace:	**/**	Foundation:		Quality:	
# of Stories:		Roof Material:		Condition:	
Other Improvements:					

Site Information:

Zoning:	Acres:		County Use:	
Lot Area:	Lot Width/Depth:	**x**	State Use:	
Land Use:	Res/Comm Units:	**/**	Water Type:	
Site Influence:			Sewer Type:	

Tax Information:

Total Value:	Assessed Year:	Property Tax:	
Land Value:	Improved %:	Tax Area:	
Improvement Value:	Tax Year:	Tax Exemption:	
Total Taxable Value:			

Property Detail Report

For Property Located At

CoreLogic RealQuest Professional

10121 ADAMS AVE, HUNTINGTON BEACH, CA 92646-4906

Owner Information:

Owner Name:	**BEACHBANK PARTNERS LLC**
Mailing Address:	**N/AVAIL**
Vesting Codes:	**/ /**

Location Information:

Legal Description:	**SEC 5 T 6 R 10 E 222.90 FT W 550.74 FT S 160 FT SW1/4 SW1/4 -EX ST-**		
County:	**ORANGE, CA**	APN:	**155-051-11**
Census Tract / Block:	**992.16 /**	Alternate APN:	
Township-Range-Sect:		Subdivision:	
Legal Book/Page:		Map Reference:	**/**
Legal Lot:		Tract #:	
Legal Block:		School District:	
Market Area:		Munic/Township:	
Neighbor Code:			

Owner Transfer Information:

Recording/Sale Date:	**/**	Deed Type:	
Sale Price:		1st Mtg Document #:	
Document #:			

Last Market Sale Information:

Recording/Sale Date:	**09/26/2000 / 06/09/2000**	1st Mtg Amount/Type:	**/**
Sale Price:	**A**	1st Mtg Int. Rate/Type:	**/**
Sale Type:	**UNKNOWN**	1st Mtg Document #:	
Document #:	507139	2nd Mtg Amount/Type:	**/**
Deed Type:	**GRANT DEED**	2nd Mtg Int. Rate/Type:	**/**
Transfer Document #:		Price Per SqFt:	
New Construction:		Multi/Split Sale:	
Title Company:			
Lender:			
Seller Name:	**COWGILL DEBORAH S**		

Prior Sale Information:

Prior Rec/Sale Date:	**/**	Prior Lender:	
Prior Sale Price:		Prior 1st Mtg Amt/Type:	**/**
Prior Doc Number:		Prior 1st Mtg Rate/Type:	**/**
Prior Deed Type:			

Property Characteristics:

Gross Area:		Parking Type:		Construction:	
Living Area:		Garage Area:		Heat Type:	
Tot Adj Area:		Garage Capacity:		Exterior wall:	
Above Grade:		Parking Spaces:		Porch Type:	
Total Rooms:		Basement Area:		Patio Type:	
Bedrooms:		Finish Bsmnt Area:		Pool:	
Bath(F/H):	**/**	Basement Type:		Air Cond:	
Year Built / Eff:	**/**	Roof Type:		Style:	
Fireplace:	**/**	Foundation:		Quality:	
# of Stories:		Roof Material:		Condition:	
Other Improvements:					

Site Information:

Zoning:		Acres:		County Use:	
Lot Area:		Lot Width/Depth:	**x**	State Use:	
Land Use:		Res/Comm Units:	**/**	Water Type:	
Site Influence:				Sewer Type:	

Tax Information:

Total Value:		Assessed Year:		Property Tax:	
Land Value:		Improved %:		Tax Area:	
Improvement Value:		Tax Year:		Tax Exemption:	
Total Taxable Value:					

Property Detail Report

For Property Located At

CoreLogic RealQuest Professional

10115 ADAMS AVE, HUNTINGTON BEACH, CA 92646-4906

Owner Information:

Owner Name:	**BROOKHURST & ADAMS LLC**		
Mailing Address:	**N/AVAIL**		
Vesting Codes:	**/ / CO**		

Location Information:

Legal Description:	**SEC 5 T 6 R 10 POR SW1/4 SW1/4 AS DESC IN POR OF DD -8148/559 OR- -EX POR IN DD -8418/930 OR-**		
County:	**ORANGE, CA**	APN:	**155-051-12**
Census Tract / Block:	**992.16 /**	Alternate APN:	
Township-Range-Sect:		Subdivision:	
Legal Book/Page:		Map Reference:	**/**
Legal Lot:		Tract #:	
Legal Block:		School District:	
Market Area:		Munic/Township:	
Neighbor Code:			

Owner Transfer Information:

Recording/Sale Date:	**/**	Deed Type:	
Sale Price:		1st Mtg Document #:	
Document #:			

Last Market Sale Information:

Recording/Sale Date:	**01/11/2005 / 12/30/2004**	1st Mtg Amount/Type:	**/**
Sale Price:	**A**	1st Mtg Int. Rate/Type:	**/**
Sale Type:	**UNKNOWN**	1st Mtg Document #:	
Document #:	24601	2nd Mtg Amount/Type:	**/**
Deed Type:	**GRANT DEED**	2nd Mtg Int. Rate/Type:	**/**
Transfer Document #:		Price Per SqFt:	
New Construction:		Multi/Split Sale:	**MULTI**
Title Company:	**LAWYERS TITLE**		
Lender:			
Seller Name:	**BEACHBANK PARTNERS LLC**		

Prior Sale Information:

Prior Rec/Sale Date:	**/**	Prior Lender:	
Prior Sale Price:		Prior 1st Mtg Amt/Type:	**/**
Prior Doc Number:		Prior 1st Mtg Rate/Type:	**/**
Prior Deed Type:			

Property Characteristics:

Gross Area:		Parking Type:		Construction:	
Living Area:		Garage Area:		Heat Type:	
Tot Adj Area:		Garage Capacity:		Exterior wall:	
Above Grade:		Parking Spaces:		Porch Type:	
Total Rooms:		Basement Area:		Patio Type:	
Bedrooms:		Finish Bsmnt Area:		Pool:	
Bath(F/H):	**/**	Basement Type:		Air Cond:	
Year Built / Eff:	**/**	Roof Type:		Style:	
Fireplace:	**/**	Foundation:		Quality:	
# of Stories:		Roof Material:		Condition:	
Other Improvements:					

Site Information:

Zoning:		Acres:		County Use:	
Lot Area:		Lot Width/Depth:	**x**	State Use:	
Land Use:		Res/Comm Units:	**/**	Water Type:	
Site Influence:				Sewer Type:	

Tax Information:

Total Value:		Assessed Year:		Property Tax:	
Land Value:		Improved %:		Tax Area:	
Improvement Value:		Tax Year:		Tax Exemption:	
Total Taxable Value:					

Property Detail Report

For Property Located At

CoreLogic RealQuest Professional

10115 ADAMS AVE, HUNTINGTON BEACH, CA 92646-4906

Owner Information:

Owner Name:	**BROOKHURST & ADAMS LLC**
Mailing Address:	**N/AVAIL**
Vesting Codes:	**/ / CO**

Location Information:

Legal Description:	**SEC 5 T 6 R 10 POR SW1/4 SW1/4 AS DESC IN POR OF DD -8148/559 OR- -EX POR IN DD -8418/930 OR-**		
County:	**ORANGE, CA**	APN:	**155-051-12**
Census Tract / Block:	**992.16 /**	Alternate APN:	
Township-Range-Sect:		Subdivision:	
Legal Book/Page:		Map Reference:	**/**
Legal Lot:		Tract #:	
Legal Block:		School District:	
Market Area:		Munic/Township:	
Neighbor Code:			

Owner Transfer Information:

Recording/Sale Date:	**/**	Deed Type:	
Sale Price:		1st Mtg Document #:	
Document #:			

Last Market Sale Information:

Recording/Sale Date:	**01/11/2005 / 12/30/2004**	1st Mtg Amount/Type:	**/**
Sale Price:	**A**	1st Mtg Int. Rate/Type:	**/**
Sale Type:	**UNKNOWN**	1st Mtg Document #:	
Document #:	24602	2nd Mtg Amount/Type:	**/**
Deed Type:	**GRANT DEED**	2nd Mtg Int. Rate/Type:	**/**
Transfer Document #:		Price Per SqFt:	
New Construction:		Multi/Split Sale:	
Title Company:	**LAWYERS TITLE**		
Lender:			
Seller Name:	**BEACHMONT PROPERTIES LLC**		

Prior Sale Information:

Prior Rec/Sale Date:	**/**	Prior Lender:	
Prior Sale Price:		Prior 1st Mtg Amt/Type:	**/**
Prior Doc Number:		Prior 1st Mtg Rate/Type:	**/**
Prior Deed Type:			

Property Characteristics:

Gross Area:		Parking Type:		Construction:	
Living Area:		Garage Area:		Heat Type:	
Tot Adj Area:		Garage Capacity:		Exterior wall:	
Above Grade:		Parking Spaces:		Porch Type:	
Total Rooms:		Basement Area:		Patio Type:	
Bedrooms:		Finish Bsmnt Area:		Pool:	
Bath(F/H):	**/**	Basement Type:		Air Cond:	
Year Built / Eff:	**/**	Roof Type:		Style:	
Fireplace:	**/**	Foundation:		Quality:	
# of Stories:		Roof Material:		Condition:	
Other Improvements:					

Site Information:

Zoning:		Acres:		County Use:	
Lot Area:		Lot Width/Depth:	**x**	State Use:	
Land Use:		Res/Comm Units:	**/**	Water Type:	
Site Influence:				Sewer Type:	

Tax Information:

Total Value:		Assessed Year:		Property Tax:	
Land Value:		Improved %:		Tax Area:	
Improvement Value:		Tax Year:		Tax Exemption:	
Total Taxable Value:					

Property Detail Report

For Property Located At

CoreLogic RealQuest Professional

10115 ADAMS AVE, HUNTINGTON BEACH, CA 92646-4906

Owner Information:

Owner Name:	**ALLEN PRISCILLA**
Mailing Address:	**2760 E SPRING ST STE 200, LONG BEACH CA 90806-2257 C032**
Vesting Codes:	**/ /**

Location Information:

Legal Description:			
County:	**ORANGE, CA**	APN:	**155-051-12**
Census Tract / Block:	**992.16 /**	Alternate APN:	
Township-Range-Sect:		Subdivision:	
Legal Book/Page:		Map Reference:	**/**
Legal Lot:		Tract #:	
Legal Block:		School District:	
Market Area:		Munic/Township:	
Neighbor Code:			

Owner Transfer Information:

Recording/Sale Date:	**/**	Deed Type:	
Sale Price:		1st Mtg Document #:	
Document #:			

Last Market Sale Information:

Recording/Sale Date:	**01/11/1991 / 06/1988**	1st Mtg Amount/Type:	**/**
Sale Price:	**A**	1st Mtg Int. Rate/Type:	**/**
Sale Type:	**FULL**	1st Mtg Document #:	
Document #:	15988	2nd Mtg Amount/Type:	**/**
Deed Type:	**QUIT CLAIM DEED**	2nd Mtg Int. Rate/Type:	**/**
Transfer Document #:		Price Per SqFt:	
New Construction:		Multi/Split Sale:	
Title Company:			
Lender:			
Seller Name:	**ALLEN PRISCILLA**		

Prior Sale Information:

Prior Rec/Sale Date:	**/**	Prior Lender:	
Prior Sale Price:		Prior 1st Mtg Amt/Type:	**/**
Prior Doc Number:		Prior 1st Mtg Rate/Type:	**/**
Prior Deed Type:			

Property Characteristics:

Gross Area:		Parking Type:		Construction:	
Living Area:		Garage Area:		Heat Type:	
Tot Adj Area:		Garage Capacity:		Exterior wall:	
Above Grade:		Parking Spaces:		Porch Type:	
Total Rooms:		Basement Area:		Patio Type:	
Bedrooms:		Finish Bsmnt Area:		Pool:	
Bath(F/H):	**/**	Basement Type:		Air Cond:	
Year Built / Eff:	**/**	Roof Type:		Style:	
Fireplace:	**/**	Foundation:		Quality:	
# of Stories:		Roof Material:		Condition:	
Other Improvements:					

Site Information:

Zoning:	Acres:		County Use:	
Lot Area:	Lot Width/Depth:	**x**	State Use:	
Land Use:	Res/Comm Units:	**/**	Water Type:	
Site Influence:			Sewer Type:	

Tax Information:

Total Value:	Assessed Year:		Property Tax:	
Land Value:	Improved %:		Tax Area:	
Improvement Value:	Tax Year:		Tax Exemption:	
Total Taxable Value:				

Property Detail Report

For Property Located At

CoreLogic RealQuest Professional

10115 ADAMS AVE, HUNTINGTON BEACH, CA 92646-4906

Owner Information:

Owner Name:	**COWGILL BRUCE A/BLACKHAM ROSE CO-TRUSTEE**
Mailing Address:	**N/AVAIL**
Vesting Codes:	**/ A / TC**

Location Information:

Legal Description:	**T 6 R 10POR SW1/4 SW1/4 AS DESC P MAP E6 858**		
County:	**ORANGE, CA**	APN:	**155-051-12**
Census Tract / Block:	**992.16 /**	Alternate APN:	
Township-Range-Sect:		Subdivision:	
Legal Book/Page:	**E6-858**	Map Reference:	**/**
Legal Lot:		Tract #:	
Legal Block:		School District:	
Market Area:		Munic/Township:	
Neighbor Code:			

Owner Transfer Information:

Recording/Sale Date:	**/**	Deed Type:	
Sale Price:		1st Mtg Document #:	
Document #:			

Last Market Sale Information:

Recording/Sale Date:	**07/01/1997 /**	1st Mtg Amount/Type:	**/**
Sale Price:	**$500,000 A**	1st Mtg Int. Rate/Type:	**/**
Sale Type:	**FULL**	1st Mtg Document #:	
Document #:	308464	2nd Mtg Amount/Type:	**/**
Deed Type:	**GRANT DEED**	2nd Mtg Int. Rate/Type:	**/**
Transfer Document #:		Price Per SqFt:	
New Construction:		Multi/Split Sale:	**MULTIPLE**
Title Company:	**CONTINENTAL LAWYERS TITLE CO.**		
Lender:			
Seller Name:	**COWGILL BRUCE**		

Prior Sale Information:

Prior Rec/Sale Date:	**/**	Prior Lender:	
Prior Sale Price:		Prior 1st Mtg Amt/Type:	**/**
Prior Doc Number:		Prior 1st Mtg Rate/Type:	**/**
Prior Deed Type:			

Property Characteristics:

Gross Area:		Parking Type:		Construction:	
Living Area:		Garage Area:		Heat Type:	
Tot Adj Area:		Garage Capacity:		Exterior wall:	
Above Grade:		Parking Spaces:		Porch Type:	
Total Rooms:		Basement Area:		Patio Type:	
Bedrooms:		Finish Bsmnt Area:		Pool:	
Bath(F/H):	**/**	Basement Type:		Air Cond:	
Year Built / Eff:	**/**	Roof Type:		Style:	
Fireplace:	**/**	Foundation:		Quality:	
# of Stories:		Roof Material:		Condition:	
Other Improvements:					

Site Information:

Zoning:	Acres:		County Use:	
Lot Area:	Lot Width/Depth:	**x**	State Use:	
Land Use:	Res/Comm Units:	**/**	Water Type:	
Site Influence:			Sewer Type:	

Tax Information:

Total Value:	Assessed Year:		Property Tax:	
Land Value:	Improved %:		Tax Area:	
Improvement Value:	Tax Year:		Tax Exemption:	
Total Taxable Value:				

Property Detail Report

For Property Located At

CoreLogic RealQuest Professional

10001 ADAMS AVE, HUNTINGTON BEACH, CA 92646-4904

Owner Information:

Owner Name:	**AVONDALE-H TRUST**
Mailing Address:	**57 VIA CODO ST, FULLERTON CA 92835**
Vesting Codes:	**/ / IT**

Location Information:

Legal Description:	**SEC 5 T 6 R 10 W 195 FT S185 FT SW1/4 -EX STS-**		
County:	**ORANGE, CA**	APN:	**155-051-13**
Census Tract / Block:	**992.16 / 4**	Alternate APN:	
Township-Range-Sect:		Subdivision:	**RANCHO LAS BOLSAS**
Legal Book/Page:		Map Reference:	**/ 858-E6**
Legal Lot:		Tract #:	
Legal Block:		School District:	**HUNTINGTON BEACH UN**
Market Area:		Munic/Township:	
Neighbor Code:			

Owner Transfer Information:

Recording/Sale Date:	**12/27/2012 / 12/18/2012**	Deed Type:	**GRANT DEED**
Sale Price:		1st Mtg Document #:	
Document #:	805235		

Last Market Sale Information:

Recording/Sale Date:	**05/12/2005 / 04/29/2005**	1st Mtg Amount/Type:	**$340,000 / PRIVATE PARTY**
Sale Price:	**$890,000**	1st Mtg Int. Rate/Type:	**/ FIXED**
Sale Type:	**FULL**	1st Mtg Document #:	367804
Document #:	367803	2nd Mtg Amount/Type:	**/**
Deed Type:	**GRANT DEED**	2nd Mtg Int. Rate/Type:	**/**
Transfer Document #:		Price Per SqFt:	
New Construction:		Multi/Split Sale:	
Title Company:	**LAWYERS TITLE**		
Lender:	**PRIVATE INDIVIDUAL**		
Seller Name:	**LAVENTHOL TRUST**		

Prior Sale Information:

Prior Rec/Sale Date:	**09/30/1994 /**	Prior Lender:	**HIGHLAND BK**
Prior Sale Price:	**$750,000**	Prior 1st Mtg Amt/Type:	**$582,000 / CONV**
Prior Doc Number:	588581	Prior 1st Mtg Rate/Type:	**/ FIX**
Prior Deed Type:	**GRANT DEED**		

Property Characteristics:

Year Built / Eff:	**/**	Total Rooms/Offices:		Garage Area:	
Gross Area:		Total Restrooms:		Garage Capacity:	
Building Area:		Roof Type:		Parking Spaces:	
Tot Adj Area:		Roof Material:		Heat Type:	
Above Grade:		Construction:		Air Cond:	**NONE**
# of Stories:		Foundation:		Pool:	
Other Improvements:		Exterior wall:		Quality:	
		Basement Area:		Condition:	

Site Information:

Zoning:		Acres:	**0.40**	County Use:	**COMMERCIAL (3)**
Lot Area:	**17,416**	Lot Width/Depth:	**x**	State Use:	
Land Use:	**COMMERCIAL (NEC)**	Commercial Units:		Water Type:	
Site Influence:		Sewer Type:		Building Class:	

Tax Information:

Total Value:	**$1,168,734**	Assessed Year:	**2011**	Property Tax:	**$13,195.72**
Land Value:	**$984,609**	Improved %:	**16%**	Tax Area:	**04036**
Improvement Value:	**$184,125**	Tax Year:	**2011**	Tax Exemption:	
Total Taxable Value:	**$1,168,734**				

Property Detail Report

For Property Located At

CoreLogic RealQuest Professional

20011 LAWSON LN, HUNTINGTON BEACH, CA 92646-4920

Owner Information:

Owner Name:	**NGUYEN QUY MICHAEL/TRANG HONG THUY**
Mailing Address:	**20011 LAWSON LN, HUNTINGTON BEACH CA 92646-4920 C035**
Vesting Codes:	**HW / / JT**

Location Information:

Legal Description:	**N TR 5197 LOT 14**		
County:	**ORANGE, CA**	APN:	**155-162-01**
Census Tract / Block:	**992.17 / 1**	Alternate APN:	
Township-Range-Sect:		Subdivision:	**5197**
Legal Book/Page:		Map Reference:	**27-A4 / 858-E6**
Legal Lot:	**14**	Tract #:	**5197**
Legal Block:		School District:	**HUNTINGTON BEACH UN**
Market Area:		Munic/Township:	
Neighbor Code:			

Owner Transfer Information:

Recording/Sale Date:	**09/04/2002 / 08/28/2002**	Deed Type:	**GRANT DEED**
Sale Price:		1st Mtg Document #:	745726
Document #:	745725		

Last Market Sale Information:

Recording/Sale Date:	**07/21/1993 /**	1st Mtg Amount/Type:	**$203,150 / CONV / FIXED**
Sale Price:	**$270,000**	1st Mtg Int. Rate/Type:	
Sale Type:	**FULL**	1st Mtg Document #:	
Document #:	486374	2nd Mtg Amount/Type:	**/**
Deed Type:	**GRANT DEED**	2nd Mtg Int. Rate/Type:	**/**
Transfer Document #:		Price Per SqFt:	**$93.82**
New Construction:		Multi/Split Sale:	
Title Company:	**ORANGE COAST TITLE CO.**		
Lender:	**FIRST DEWITT MTG CORP**		
Seller Name:	**NGUYEN QUY**		

Prior Sale Information:

Prior Rec/Sale Date:	**07/17/1972 /**	Prior Lender:	
Prior Sale Price:	**$50,000**	Prior 1st Mtg Amt/Type:	**/**
Prior Doc Number:	1022500898	Prior 1st Mtg Rate/Type:	**/**
Prior Deed Type:	**DEED (REG)**		

Property Characteristics:

Gross Area:	**2,878**	Parking Type:	**GARAGE/CARPORT**	Construction:	
Living Area:	**2,878**	Garage Area:		Heat Type:	**CENTRAL**
Tot Adj Area:		Garage Capacity:	**3**	Exterior wall:	**STUCCO**
Above Grade:		Parking Spaces:		Porch Type:	
Total Rooms:	**8**	Basement Area:		Patio Type:	**COVERED PATIO**
Bedrooms:	**4**	Finish Bsmnt Area:		Pool:	
Bath(F/H):	**3 /**	Basement Type:		Air Cond:	**NONE**
Year Built / Eff:	**1966 /**	Roof Type:		Style:	
Fireplace:	**Y / 2**	Foundation:	**SLAB**	Quality:	**GOOD**
# of Stories:	**2.00**	Roof Material:	**WOOD SHAKE**	Condition:	**GOOD**
Other Improvements:	**COVERED PATIO;LAUNDRY ROOM**				

Site Information:

Zoning:	**B1**	Acres:	**0.19**	County Use:	**SINGLE FAM RESIDENCE (1)**
Lot Area:	**8,400**	Lot Width/Depth:	**71 x 125**	State Use:	
Land Use:	**SFR**	Res/Comm Units:	**/**	Water Type:	**PUBLIC**
Site Influence:				Sewer Type:	**PUBLIC SERVICE**

Tax Information:

Total Value:	**$357,744**	Assessed Year:	**2011**	Property Tax:	**$4,082.54**
Land Value:	**$195,783**	Improved %:	**45%**	Tax Area:	**04013**
Improvement Value:	**$161,961**	Tax Year:	**2011**	Tax Exemption:	**HOMEOWNER**
Total Taxable Value:	**$350,744**				

Property Detail Report

For Property Located At

CoreLogic RealQuest Professional

20002 BROOKHURST ST, HUNTINGTON BEACH, CA 92646-4936

Owner Information:

Owner Name:	**BANK U S**
Mailing Address:	**2800 E LAKE ST, MINNEAPOLIS MN 55406-1930 C005 C/O TAX ACCOUNTING**
Vesting Codes:	**/ /**

Location Information:

Legal Description:	**SEC 8 T 6 R 10 POR NW1/4**		
County:	**ORANGE, CA**	APN:	**155-181-04**
Census Tract / Block:	**992.17 / 1**	Alternate APN:	
Township-Range-Sect:	**06-10-08**	Subdivision:	
Legal Book/Page:		Map Reference:	**26-F4 / 858-E6**
Legal Lot:		Tract #:	
Legal Block:		School District:	**HUNTINGTON BEACH UN**
Market Area:		Munic/Township:	
Neighbor Code:			

Owner Transfer Information:

Recording/Sale Date:	**/**	Deed Type:	
Sale Price:		1st Mtg Document #:	
Document #:			

Last Market Sale Information:

Recording/Sale Date:	**/**	1st Mtg Amount/Type:	**/**
Sale Price:		1st Mtg Int. Rate/Type:	**/**
Sale Type:		1st Mtg Document #:	
Document #:		2nd Mtg Amount/Type:	**/**
Deed Type:		2nd Mtg Int. Rate/Type:	**/**
Transfer Document #:		Price Per SqFt:	
New Construction:		Multi/Split Sale:	
Title Company:			
Lender:			
Seller Name:			

Prior Sale Information:

Prior Rec/Sale Date:	**/**	Prior Lender:	
Prior Sale Price:		Prior 1st Mtg Amt/Type:	**/**
Prior Doc Number:		Prior 1st Mtg Rate/Type:	**/**
Prior Deed Type:			

Property Characteristics:

Year Built / Eff:	**/**	Total Rooms/Offices:		Garage Area:	
Gross Area:		Total Restrooms:		Garage Capacity:	
Building Area:		Roof Type:		Parking Spaces:	
Tot Adj Area:		Roof Material:		Heat Type:	
Above Grade:		Construction:		Air Cond:	**NONE**
# of Stories:		Foundation:		Pool:	
Other Improvements:		Exterior wall:		Quality:	
		Basement Area:		Condition:	

Site Information:

Zoning:		Acres:	**1.60**	County Use:	**COMMERCIAL (3)**
Lot Area:	**69,696**	Lot Width/Depth:	**x**	State Use:	
Land Use:	**COMMERCIAL (NEC)**	Commercial Units:		Water Type:	
Site Influence:		Sewer Type:		Building Class:	

Tax Information:

Total Value:	**$2,990,000**	Assessed Year:	**2011**	Property Tax:	**$33,914.40**
Land Value:	**$1,990,000**	Improved %:	**33%**	Tax Area:	**04013**
Improvement Value:	**$1,000,000**	Tax Year:	**2011**	Tax Exemption:	
Total Taxable Value:	**$2,990,000**				

Property Detail Report

For Property Located At

CoreLogic RealQuest Professional

10072 ADAMS AVE, HUNTINGTON BEACH, CA 92646-4905

Owner Information:

Owner Name:	**BUSINESS PROPERTIES PARTNERSHIP NO 15**
Mailing Address:	**17631 FITCH, IRVINE CA 92614-6021 C043**
Vesting Codes:	**/ /**

Location Information:

Legal Description:	**T 6 R 10 SEC 8 POR NW1/4 - EX STR**		
County:	**ORANGE, CA**	APN:	**155-181-28**
Census Tract / Block:	**992.17 / 1**	Alternate APN:	
Township-Range-Sect:		Subdivision:	
Legal Book/Page:		Map Reference:	**/ 858-E6**
Legal Lot:		Tract #:	
Legal Block:		School District:	**HUNTINGTON BEACH UN**
Market Area:		Munic/Township:	
Neighbor Code:			

Owner Transfer Information:

Recording/Sale Date:	**/**	Deed Type:	
Sale Price:		1st Mtg Document #:	
Document #:			

Last Market Sale Information:

Recording/Sale Date:	**/**	1st Mtg Amount/Type:	**/**
Sale Price:		1st Mtg Int. Rate/Type:	**/**
Sale Type:		1st Mtg Document #:	
Document #:		2nd Mtg Amount/Type:	**/**
Deed Type:		2nd Mtg Int. Rate/Type:	**/**
Transfer Document #:		Price Per SqFt:	
New Construction:		Multi/Split Sale:	
Title Company:			
Lender:			
Seller Name:			

Prior Sale Information:

Prior Rec/Sale Date:	**/**	Prior Lender:	
Prior Sale Price:		Prior 1st Mtg Amt/Type:	**/**
Prior Doc Number:		Prior 1st Mtg Rate/Type:	**/**
Prior Deed Type:			

Property Characteristics:

Year Built / Eff:	**/**	Total Rooms/Offices:		Garage Area:	
Gross Area:		Total Restrooms:		Garage Capacity:	
Building Area:		Roof Type:		Parking Spaces:	
Tot Adj Area:		Roof Material:		Heat Type:	
Above Grade:		Construction:		Air Cond:	**NONE**
# of Stories:		Foundation:		Pool:	
Other Improvements:		Exterior wall:		Quality:	
		Basement Area:		Condition:	

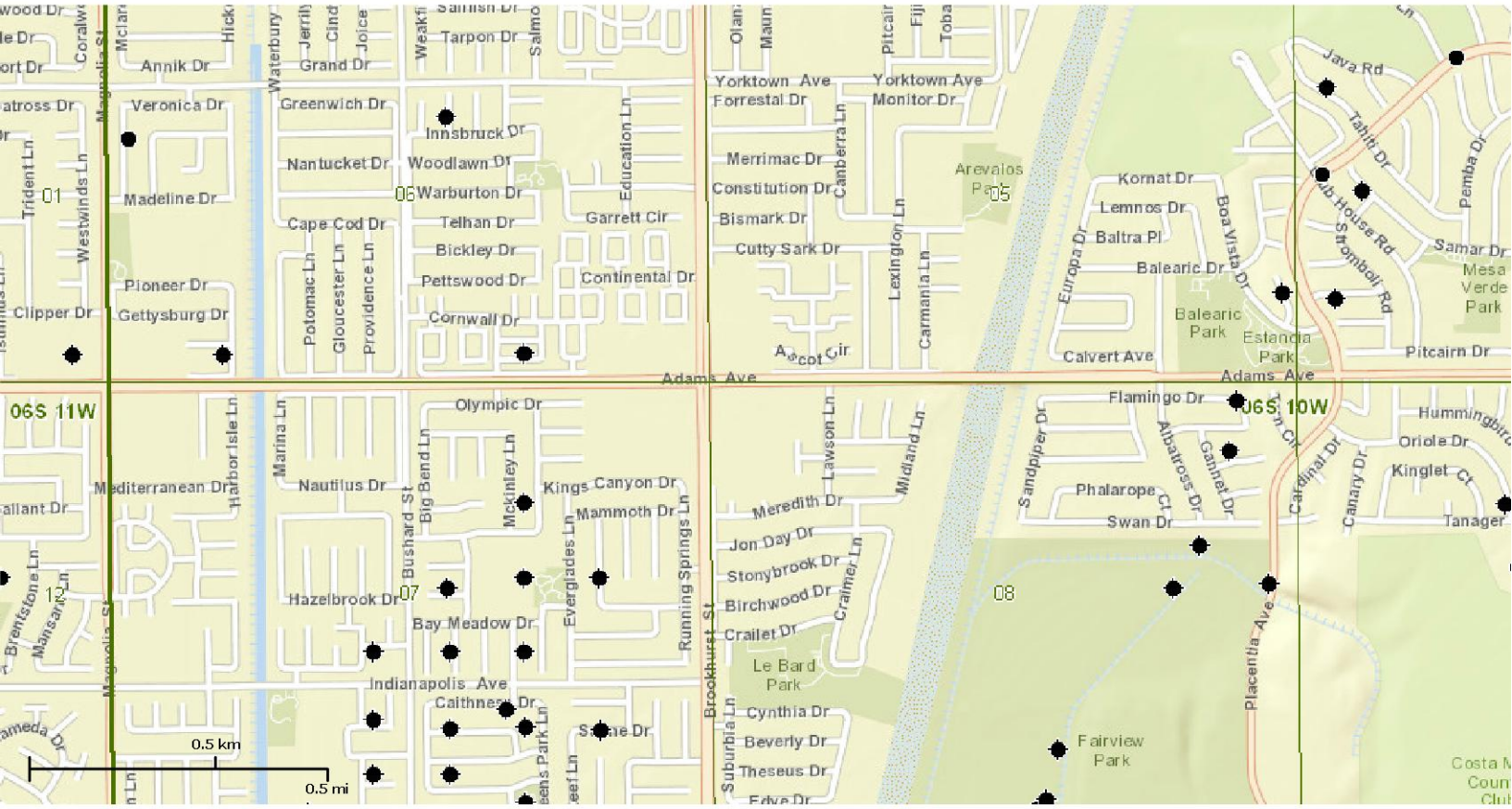
Site Information:

Zoning:		Acres:	**13.02**	County Use:	**COMMERCIAL (3)**
Lot Area:	**567,283**	Lot Width/Depth:	**x**	State Use:	
Land Use:	**COMMERCIAL BUILDING**	Commercial Units:		Water Type:	
Site Influence:		Sewer Type:		Building Class:	

Tax Information:

Total Value:	**$10,091,257**	Assessed Year:	**2011**	Property Tax:	**$188,851.76**
Land Value:	**$2,357,118**	Improved %:	**77%**	Tax Area:	**04013**
Improvement Value:	**$7,734,139**	Tax Year:	**2011**	Tax Exemption:	
Total Taxable Value:	**$10,091,257**				

DOGGR Online Mapping System (DOMS)



Disclaimer: The well information and data represented on this site varies in accuracy, scale, origin and completeness and may be changed at any time without notice. While the California Department of Conservation, Division of Oil, Gas and Geothermal Resources (DOC) makes every effort to provide accurate information, DOC makes no warranties as to the suitability of this product for any particular purpose. Any use of this information is at the user's own risk.

For further information or suggestions regarding the data on this site, please contact the Division of Oil, Gas, and Geothermal Resources, Technical Services Unit at 801 K St, MS 20-20, Sacramento, CA, 95814 or email doggrwebmaster@conservation.ca.gov.

California Department of Conservation, Division of Oil, Gas and Geothermal Resources.

Printed on: Mar 19 - 2:19:52 PM
URL - http://maps.conservation.ca.gov/doms/

Appendix D Qualifications of the Environmental Professional(s)

QUALIFICATIONS AND EXPERIENCE

Phase I Environmental Site Assessments (ESAs) prepared by RBF Consulting reflect the most current interpretations of industry standards, which are in accordance with the American Society for Testing & Materials (ASTM) E 1527-05 Standard Practice for Environmental Site Assessments. The comprehensive in-house capabilities and professional experience in completing a wide range of projects allows RBF to effectively and efficiently complete Phase I ESAs for any type of property.

RBF REPRESENTATIVE PROJECTS

RBF Consulting's staff is uniquely qualified to effectively manage complex projects. RBF Consulting has prepared Phase I ESAs on vacant, residential, agricultural, commercial, industrial and federal properties, for a wide range of clients. Our clients include, but are not limited to, the following:

- Avanti Investment Advisors (multiple sites)
- Bardeen Investment Company
- California Department of Transportation (multiple sites)
- City of Bell Gardens (multiple sites)
- City of Lake Elsinore
- City of Long Beach (multiple sites)
- City of Lynwood (multiple sites)
- City of Murrieta (multiple sites)
- City of Palm Desert
- City of Rancho Mirage
- City of Temecula
- City of Watsonville
- Community Southwest
- Kemper Real Estate
- Kredit Toronto Corporation (multiple sites)
- Lear Enterprises (multiple sites)
- Midland Properties (multiple sites)

KEY PERSONNEL

Projects are overseen by Ms. Kristen Bogue, Certified Environmental Inspector (CEI), Environmental Professional, who shall conduct the overall preparation and review of each Phase I ESA. Document research, records gathering, and the site reconnaissance were conducted by both Ms. Kristen Bogue and Ms. Kelly Chiene.

Kristen Bogue, CEI #9924
Environmental Professional

Ms. Bogue graduated from the University of California, Irvine, with a degree in Environmental Analysis and Design. Mr. Bogue's professional environmental experience of seven years includes the management, review, and preparation of hazardous material assessments, which include: Phase I Environmental Site Assessments, Initial Site Assessments for the California Department of Transportation (Caltrans), Preliminary Hazardous Material Assessments, Existing Hazardous Material Conditions Assessments, and Environmental Baseline Surveys for the Department of the Navy for sites located throughout California, Arizona, and New Mexico. As an environmental analyst, Ms. Bogue is also involved with preparation of Environmental Documentation compliance with the California Environmental Quality Act (CEQA)/National Environmental Protection Act (NEPA), Visual Impact Assessments (VIAs), field studies, as well as various technical studies in support of CEQA and NEPA. In the past seven years Ms. Bogue has personally evaluated over 250 real properties in California.

Kelly Chiene, CEI #EA01040
Environmental Analyst

Ms. Chiene graduated from California Polytechnic State University, San Luis Obispo, with a degree in City and Regional Planning with a concentration in Environmental Studies. Ms. Chiene assists in the preparation of environmental and planning studies for public and private sector clients. As an Environmental Analyst at RBF, Ms. Chiene is involved with the preparation of several technical studies associated with CEQA documents. Ms. Chiene's professional environmental experience of five years includes the preparation of hazardous material assessments, which include: Phase I Environmental Site Assessments, Initial Site Assessments for the California Department of Transportation (Caltrans), and Preliminary Hazardous Material Assessments for sites located throughout California.

RBF CONSULTING
A Baker Company

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