4115 Blackhawk Plaza Circle, Suite 100, Danville, CA 94506 (925) 648-2008 Fax (925) 648-2797

Compliance & Closure, Inc.

RECEIVED
By Alameda County Environmental Health 11:30 am, Mar 02, 2016

February 29, 2016

Alameda County Environmental Health Services
Environmental Protection
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Attention: Mr. Mark Detterman

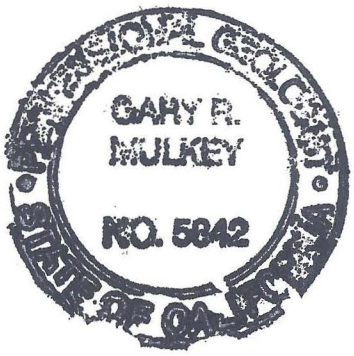
RE: Soil and Groundwater Investigation Report
Delong Oil, Inc.
1716 Webster Street, Alameda, California 94501
Fuel Leak Case No. RO0003140; (Global ID No. T10000005974)
(CCI Project No. 12214-1)

Dear Mr. Detterman:

Compliance & Closure, Inc. (CCI) is pleased to present this Soil and Groundwater Investigation Report for the Delong Oil site located at 1716 Webster Street, Alameda, California. The soil and groundwater investigation was conducted in accordance with the modified work plan specified in Alameda County Environmental Health (ACEH)'s approval letter dated November 26, 2014.

CCI appreciates your comments and if you have any questions, please contact our office at 925-648-2008 or e-mail gary@cci-envr.com.

Sincerely,
Compliance & Closure, Inc.



Gary R. Mulkey, P.G. 5842

Cc: Mr. Delong Liu, Delong Oil, Inc.

February 29, 2016

Mr. Delong Liu
Delong Petroleum, Inc.
2501 North Main Street
Walnut Creek, California 94597

RE: Soil and Groundwater Investigation Report

76 Gas Station/Circle K
1716 Webster Street
Alameda, California
ACEH Case # RO0003140

"I declare, that to the best of my knowledge at the present time, that the information and/or recommendations contained in the attached report are true and correct.

Submitted by;

Delong Liu
President

SOIL AND GROUNDWATER INVESTIGATION REPORT

1716 WEBSTER STREET
ALAMEDA, CALIFORNIA

FOR

DELONG PETROLEUM, INC.

PREPARED BY:

COMPLIANCE & CLOSURE, INC.

PROJECT No. 12214-1

February 2016

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Delong Petroleum – 1716 Webster Street, Alameda, CA

Soil and Groundwater Investigation

SECTION

Soil and Groundwater Investigation Report

For

Delong Oil, Inc.
1716 Webster Street, Alameda County, California

Introduction

Compliance & Closure, Inc. (CCI) has prepared this soil and groundwater investigation report on behalf of Delong Oil, Inc., owner of the property located at 1716 Webster, Alameda, California (Figure 1). The soil and groundwater investigation was conducted in accordance with the modified work plan provided in Alameda County Environmental Health (ACEH)'s approval letter dated November 26, 2014. The purpose of the investigation was to investigate soil and groundwater contamination in the vicinity of the former waste oil tank, which was located on the southeast side of the site (Figure 2). In addition, CCI installed two replacement groundwater monitoring wells (MW-2A and MW-3A) in the general vicinity of two groundwater monitoring wells, MW-2 and MW-3, that are now missing. The exact location of the two missing monitoring wells is currently being determined and when located, the wells will be properly destroyed.

Site Setting

The site is currently an operating 76 station with a Circle K convenience store located on the southeast corner of Webster Street and Buena Vista Avenue in the City and County of Alameda, California. Adjacent to the property on the east side are residences, across Buena Vista Avenue to the north is an operating Chevron gas station, and commercial properties are located south and west of the site.

Background Information

In 1983, three single-walled, fiberglass gasoline fuel tanks (12,000-gallon, 10,000-gallon and 6,000-gallon) and one waste oil tank were installed underground (USTs) at the site. In 1987, Mobil Oil Corporation replaced the waste oil tank with a 1,000-gallon tank. The site was later sold to British Petroleum, which operated the site until 1994. In 1994, the site was sold to

ConocoPhillips, which operated the site until 2009. Between 1990 and 2009, several environmental site investigations and monitoring activates were conducted by several environmental consulting firms including Kaprealian Engineering, Inc., Hydro-Environmental Technologies, Inc., Fugro West and TRC Alton Geoscience.

In 2009, ConocoPhillips sold the site to United Brothers Enterprises, Inc., also doing business as Delong Oil, Inc., the current owner of the property. In early November 2009, Delong Oil converted the 6,000-gallon gasoline tank to a diesel tank. In July 2011, free-phase product was discovered in well RW-1, located adjacent to the converted diesel tank. Fingerprint analysis later identified the liquid as diesel fuel. Since Delong Oil was the only operator to sell diesel fuel at the site, the ACHE named it as a responsible party for the unauthorized release of the fuel. On September 6, 2013, the 1,000-gallon waste oil tank was removed from the site. Two soil samples and one grab water sample were collected from the excavation. The laboratory reported the soil samples contained detectable total petroleum hydrocarbons as diesel (TPHd) at 30.9 milligrams per kilogram (mg/kg) and total petroleum hydrocarbons as motor oil (TPHmo) at 231 mg/kg. The groundwater sample was also reported to contain detectable TPHd at 18,200 micrograms per liter (ug/L) and TPHmo at 46,200 ug/L. Based on these results, Delong Oil was again named a responsible party for an unauthorized release of product in the vicinity of the former waste oil tank.

On June 10, 2014, ACEH issued a letter directing Delong Oil to prepare a scope of work to characterize the downgradient and lateral extent of the free-phase product and groundwater contamination associated with the waste oil tank. ACEH also directed Delong Oil to evaluate potential impacts from the waste oil release to adjacent downgradient residential buildings.

Scope of Work

In response to the ACEH directive, CCI performed the required investigation, and used a GeoProbe shallow soil sampling rig to collect soil and grab water samples at six locations on the southeast side of the subject site. The following field work was conducted on January 25 and January 26, 2016:

1) Notified Underground Service Alert (USA) of all boring locations;

2) Retained a private line location firm to "clear" the boring locations;

3) Used a GeoProbe soil sampling rig to log subsurface lithology and collected soil and grab water samples from six locations on the southeast side of the subject site;

4) Analyzed 12 soil and 6 water samples for TPHg, BTEX and fuel oxygenates using EPA Test Method 8260B; TPHd (C10-C28), TPHmo (C28-C40) and total petroleum hydrocarbons as hydraulic oil (TPHho) (C14-C40 range) using EPA Test Method 8015B; Naphthalene and Poly Aromatic Hydrocarbons (PAHs) using EPA Test Method 8270C.

5) Installed two replacement wells; one on the southeast side of the site and one on the southwest side of the site;

6) Retained a land surveyor to survey the new replacement wells and attempted to locate the two missing groundwater monitoring wells;

7) Presented the results of the investigation in this report.

Pre-Field Work

Prior to the start of field work, CCI obtained boring and well permits from the Alameda County Public Works Agency (Appendix A). Underground Service Alert (USA) was also notified of the drilling activity (USA Ticket No. 011423). As previously stated, the GeoProbe field work was conducted on January 25, 2016 and the replacement wells were installed on January 26, 2016. CCI also retained Cal West Concrete coring to cut seven 4-inch diameter holes and two 14-inch diameter holes in the concrete slab prior to drilling.

GeoProbe Soil and Groundwater Sampling

CCI retained Vironex /Cascade Drilling, Inc. of Richmond, California to perform the GeoProbe field work. Subsurface soils were explored to a depth of 15 feet. Continuous "direct push" cores were collected at six of eight sample locations by pushing a small diameter drive casing (2.5-inch outside diameter) from the surface to the total depth of each borehole. CCI was unable to collect soil samples from one location; the location in front of the trash enclosure hit concrete at approximately 18-inches. It appears this concrete was part of the foundation of the former gas station structure that occupied the site. CCI was also unable to hand auger a boring in the landscape area on the east side of the trash enclosure due to hitting several buried conduits and concrete.

In the six other borings, continuous soil cores were collected using a 3-foot long, small diameter inner sample barrel lined with acetate tubing. The soil inside the transparent tubing was then logged using the Unified Soil Classification System. Soil samples for laboratory analysis were generally collected from depths of 5 feet and 10 feet. A small section of the sample tubing was cut, and the ends of the tubing were sealed with Teflon sheets and plastic caps. The samples were labeled, logged on a chain of custody form and placed into a cooler containing water ice for transport to a state certified laboratory. Vironex then direct pushed a sampling tube to a total depth of 15 feet. The sampler was removed and the soil sample was used to log the bottom of the boring. Vironex then installed fifteen feet of ¾-inch diameter PVC tubing with 10 feet of machined slots.

Groundwater Sampling

Groundwater samples were collected from each boring by inserting 3/8-inch diameter Teflon tubing into the temporary well. The Teflon tubing was connected to a peristaltic pump and

groundwater was pumped into laboratory supplied sample containers. It was noted that the groundwater flowed freely into the temporary wells and was found to be slightly cloudy with some very fine silt and sand.

Upon completion of the sampling, the six borings were grouted with Portland cement. A representative from the Alameda County Public Works Agency (Ms. Lindsay Furuyama) was present during the grouting of the boreholes. Vironex used a tremie pipe installed to the bottom of the boring and poured grout down the pipe into the boring. Some water was displaced from the hole and a wet/dry vacuum was used to collect the water. The excess water was placed into a 55-gallon drum and left at the site.

Monitoring Well Installation

Two, 2-inch diameter groundwater monitoring wells (MW-2A & MW-3A) were installed using a truck-mounted, B-53 drilling rig, with 8-inch outside diameter hollow stem augers, which were cleaned prior to use (Figure 2). The borings were advanced approximately 17 feet within the upper-most water bearing stratum. A CCI geologist logged the borehole by collecting samples at 5-foot intervals, lithologic contacts of interest. The soil samples collected were used for logging purposes only. The boring was logged using the Unified Soil Classification System. Drill cuttings were placed in approved Department of Transportation (D.O.T.) drums, labeled and left at the site pending proper disposal of the soil. The boring logs are attached in Appendix A.

The two replacement wells were constructed using 2-inch diameter, schedule 40 PVC well casing. Ten feet of 0.020-inch, slotted screen was used in each well. The annulus between the casing and borehole was backfilled with 2/12 sand to approximately 1 foot above the screen interval. A one foot bentonite clay spacer was placed above the sand pack, and cement grout was poured from above the bentonite to the surface. An 8-inch, round, traffic-rated, bolt-down vault box caps each well. The wells were developed by manually bailing the well to: (a) remove residual silts and clays left from the drilling and (b) improve the hydraulic conductivity between the wells and natural formation. The well development water was placed in approved Department of Transportation (D.O.T.) drum and left at the site pending proper disposal of the water.

Well Survey/ Missing Wells Locations

CCI retained Accurate Land Solutions (Accurate) to survey the locations of the two replacement wells, MW-2A and MW-3A. The positions of the new wells were surveyed using GPS equipment for accuracy. The surveyor report is attached in Appendix B.

Accurate also attempted to locate the two missing wells using the GPS Latitude and Longitude well data obtained from the GeoTracker site. Unfortunately, the GPS data are not accurate and could only locate the well positions to within 8 to 13 feet.

A search of Google street maps revealed a photograph of the site taken from Webster Street which shows the location of well MW-2 (Appendix B). The well location appears to be approximately 6 to 7 feet south of the pump island nearest Webster Street. A second photograph shows the well location covered by a trash can during construction of the convenience store. The location of MW-2 is fairly clear; the location of MW-3 is not.

ALFA Environmental Remediation Services, Inc. (ALFA) provided a photograph in its Work Plan Addendum, dated October 24, 2014. It appears the location of MW-3 may be beneath the trash enclosure. During the removal of the waste oil tank, an ALFA photograph shows the location of MW-3 to be south of the vapor tank located on the east side of the site. Using the photograph that shows the MW-2 during construction of the store, it appears MW-3 would be located in a direct line east of MW-2, approximately 5 feet west of the fence line. It is therefore suspected that the location of well MW-3 is beneath the newly constructed trash enclosure.

Subsurface Conditions

Subsurface soils encountered in the soil borings were primarily composed of brown to yellow-brown and grey silty sand. This material was found to be moist to wet, loose to medium dense with no visible contamination. PID readings taken during the collection of soil samples showed readings ranging from a low of 5 parts per million (ppm) at soil boring SB-6 to a high of 1440 ppm at soil boring SB-1. Free groundwater was encountered at approximately 12 feet. No unusual conditions or visible contamination was noted in any of the soil borings. Copies of the GeoProbe borehole logs and monitoring well installation logs are attached in Appendix A.

Laboratory Analysis

A total of 12 soil and 6 water samples collected during the investigation were submitted to SGS Accutest Laboratories (Accutest), a state-certified laboratory located in San Jose, California, for chemical analysis. Accutest employed methods approved by the California Regional Water Quality Control Board (CRWQCB) and the EPA. The samples were analyzed for the presence of TPHg, BTEX and fuel oxygenates using EPA Test Method 8260B; TPHd (C10-C28), TPHmo (C28-C40) and total petroleum hydrocarbons as hydraulic oil (TPHho) (C14-C40 range) using EPA Test Method 8015B; Naphthalene and Poly Aromatic Hydrocarbons (PAHs) using EPA Test Method 8270C. It should be noted that all the soil and water samples analyzed for TPHd and TPHmo were analyzed with silica gel cleanup. The TPHmo samples were also analyzed without silica gel cleanup.

Laboratory Results

The laboratory reported that all 12 soil samples were found to contain detectable TPHd (C10-C28) ranging from 1.47 milligrams per kilogram (mg/kg) in sample SB-3-5 to 32 mg/kg in soil sample

SB-6-5. Soil sample SB-6-5 was also reported to contain detectable TPHmo (C28-C40) at 178 mg/kg and TPHho (C14-C40) at 34.7 mg/kg. No other detectable compounds were reported in any of the other soil samples. CCI prepared THPd soil concentration maps at depths of 5 and 10 feet. The maps are found in Figures 3 and 4.

All 6 groundwater samples were reported to contain detectable TPHd (C10-C28) ranging from 0.0299 milligrams per liter (mg/L) at SB-4-W to 0.0522 mg/L at SB-2-W. Four of the six water samples were also reported to contain detectable TPHmo at concentrations ranging from 0.221 mg/L at SB-5-W to 0.493 mg/L at SB-6-W. In addition, water sample SB-6-W was also reported to contain minor concentrations of TPHg, toluene and TPHho. Minor concentrations of toluene were also reported in water sample SB-5-W. No other compounds were detected in any of the water samples. The soil and groundwater laboratory results are summarized in Tables 1 and 2. The laboratory report is attached in Appendix C.

Conclusion & Recommendations

The soil and groundwater samples collected from the area just north and west of the former waste oil tank and the area of the former hydraulic lifts were reported by the laboratory to contain detectable concentrations of TPHd. Soil sample SB-6-5, collected from a depth of 5 feet was reported by the laboratory to contain the highest TPHd concentration, at 32.1 mg/kg. This soil sample was also reported to contain TPHmo at 178 mg/kg and THPho at 34.7 mg/kg. The concentration of TPHd in the other 11 soil samples were much lower (Table 1). No other compounds were detected in the soil samples. The concentrations of TPHd and TPHmo in some of the soil samples collected during this investigation are near the levels reported from soil samples collected from the waste oil tank removal. However, the highest detectable concentration of TPHd and THPmo in soil sample SB-6-5 are below the San Francisco Bay, Regional Water Regional Water Quality Control Boards, Environmental Screening Levels (ESLs) for commercial property in shallow soil (<3 meters below ground surface) where groundwater is a current or potential drinking water resource.

The 6 groundwater samples were reported to contain relatively low concentrations of TPHd. All the TPHd samples were below the ESLs for groundwater where groundwater is a current or potential drinking water source. Four of the water samples, however, were reported to contain TPHmo ranging from 0.221 mg/L at SB-5-W to 0.493 mg/L at SB-6-W. All four of these water samples (SB-1-W, SB-2-W, SB-5-W and SB-6-W) exceeded the 100 ug/L ESLs for TPHmo where groundwater is a current or potential drinking water resource. The extent of the TPHmo in the groundwater to the east is not currently defined. The current and past groundwater gradient at the site indicates the groundwater flow direction is generally toward the north (Figure 5, Table 3)

CCI had mixed results locating the two missing groundwater monitoring wells (MW-2 & MW-3). Based on site photographs, the location of MW-2 appears to be approximately 6 to 7 feet south of

the pump island closest to Webster Street. CCI will proceed with the destruction of former well MW-2. The location of MW-3 is currently suspected to be beneath the new trash enclosure on the east side of the site. The location of this well is an assumption and may require the removal of the trash enclosure, in which case permits may be required.

CCI also recommends attempting to obtain property owner approval to collect soil and water samples east of the former waste oil tank location.

CCI has scheduled the four existing groundwater monitoring wells to be sampled in March for the 2016 semi-annual groundwater monitoring report. The report is due no later than April 22, 2016.

Limitations

The discussions and recommendations presented in this report are based on the following:

1. Soil and groundwater samples collected at the site;
2. Observations by field personnel;
3. Results of laboratory analyses performed by a state-certified Laboratory.
4. Our understanding of the regulations of the State of California, Alameda County, and the City of Alameda.

It is possible that variations in the soil or groundwater conditions could exist beyond the points explored in this investigation. Also, changes in the groundwater conditions could occur at some time in the future because of variations in rainfall, temperature, regional water usage, or other factors.

The services performed by CCI, have been conducted in a manner consistent with the level of care and skill ordinarily exercised by members of our profession currently practicing under similar conditions in the Santa Clara County area. Please note that contamination of soil and groundwater must be reported to the appropriate agencies in a timely manner. No other warranty, express or implied, is made.

CCI includes in this report chemical analytical data from a state-certified laboratory. The analytical results are performed according to the procedures suggested by the U.S. EPA and the state of California. CCI is not responsible for laboratory errors in procedure or result reporting.

Delong Petroleum
CCI Project No. 12214-1

2/12/2016

TABLE 1
Summary of Soil Sample Analysis
Delong Petroleum- 1716 Webster Street, Alameda, CA

Sample Number	Date Sampled	Sample[1] Depth (Feet)	TPHg (ug/kg)	TPHd[10] (mg/kg) (C10-C28)	Benzene (ug/kg)	Toulene (ug/kg)	Ethyl Benzene (ug/kg)	Total Xylenes (ug/kg)	MTBE[2] (ug/kg)	Naphthalene (ug/kg)	PAHs[9]	TPHmo[11] (mg/kg) (C28-C40)	TPHho (mg/kg) (C14-C40)
SB-1-5	1/25/2016	5	<99	2.44[3, 4]	<4.9	<4.9	<4.9	<9.9	<4.9	<170	ND	<6.6	<6.6
SB-1-10	1/25/2016	10	<98	3.4[4]	<4.9	<4.9	<4.9	<9.8	<4.9	<160	ND	<6.6	<6.6
SB-2-5	1/25/2016	5	<97	2.44[4]	<4.8	<4.8	<4.8	<9.7	<4.8	<170	ND	<6.7	<6.7
SB-2-10	1/25/2016	10	<97	2.56[4]	<4.9	<4.9	<4.9	<9.8	<4.9	<170	ND	<6.7	<6.7
SB-3-5	1/25/2016	5	<95	1.47[4]	<4.8	<4.8	<4.8	<9.5	<4.8	<170	ND	<6.7	<6.7
SB-3-10	1/25/2016	10	<99	1.99[4]	<4.9	<4.9	<4.9	<9.8	<4.9	<160	ND	<6.6	<6.6
SB-4-5	1/25/2016	5	<98	2.60[4]	<4.9	<4.9	<4.9	<9.8	<4.9	<160	ND	<6.6	<6.6
SB-4-10	1/25/2016	10	<97	1.65[4]	<4.9	<4.9	<4.9	<9.7	<4.9	<170	ND	<6.6	<6.6
SB-5-5	1/25/2016	5	<97	1.79[4]	<4.8	<4.8	<4.8	<9.7	<4.8	<160	ND	<6.7	<6.7
SB-5-10	1/25/2016	10	<98	1.60[4]	<4.9	<4.9	<4.9	<9.8	<4.9	<160	ND	<6.7	<6.7
SB-6-5	1/25/2016	5	<97	32.1[4]	<4.8	<4.8	<4.8	<9.7	<4.8	<160	ND	178[7]	34.7[7]
SB-6-10	1/25/2016	10	<97	1.68[4]	<4.9	<4.9	<4.9	<9.7	<4.9	<170	ND	<6.7	<6.7

Foot Note:

1 Measured from ground surface
2 All other fuel oxygenates were non-detect, See laboratory Report
3 Indicates an estimated value below the laboratory reporting limit
4 No identifiable fuel pattern present; value primarily due to multiple discrete peaks in the Diesel range.
5 Motor Oil pattern not present. Pattern resembles Hydraulic Oil, which varies by manufacturer, but typically extends from C14-C40 (overlaps both Diesel and Motor Oil ranges)
6 Sample vial contained mor than 0.5 cm of sediment.
7 Presence of overlapping fuel patterns (resembles Motor Oil mixed with Hydraulic Oil).
8 Hydraulic Oil pattern present. Hydraulic Oils very by manufacturer; most show an unresolved area at C14-C40 with the apex between C20-C24 (overlaps both Diesel and Motor Oil ranges).
9 No other compounds were detected in any of the samples
10 Samples were run with silica gel cleanup
11 Samples were run without silica gel cleanup and without silica gel cleanup

TABLE 1 (Cont.)
Summary of Soil Sample Analysis
Delong Petroleum- 1716 Webster Street, Alameda, CA

TPHg	Total petroleum hydrocarbons as gasoline
TPHd	Total petroleum hydrocarbons as diesel
TPHmo	Total petroleum hydrocarbons as motor oil
TPHho	Total petroleum hydrocarbons as hydraulic oil
PAHs	Poly Aeromatic Hydrocarbons
mg/kg	Milligrams per kilogram
ug/kg	Micrograms per kilogram
MTBE	Methyl-tert-butyl ether
ND	Not Detected

ESLs State of California Environmental Screening Levels (comercial Property) for diesel and motor oil in shallow soil (<3m bgs), where groundwater is a current or potential drinking water resource TPhd = 110 mg/kg abd TPHmo = 500mg/kg.

Delong Petroleum
CCI Project No. 12214-1 **2/12/2016**

TABLE 2
Summary of Groundwater Sample Analysis
Delong Petroleum- 1716 Webster Street, Alameda, CA

Sample Number	Date Sampled	TPHg (ug/L)	TPHd[6] (mg/L) (C10-C28)	Benzene (ug/L)	Toulene (ug/L)	Ethyl Benzene (ug/L)	Total Xylenes (ug/L)	MTBE[5] (ug/L)	Napthalene (ug/L)	PAHs[7]	TPHmo[8] (mg/L) (C28-C40)	TPHho (mg/L) (C14-C40)
SB-1-W	1/25/2016	<50	0.0404[2,3]	<1	<1	<1	<2	<1	<5	ND	0.222[1]	<0.20
SB-2-W	1/25/2016	<50	0.0522[2,3]	<1	<1	<1	<2	<1	<5	ND	0.323[1]	<0.19
SB-3-W	1/25/2016	<50	0.0390[2,3]	<1	<1	<1	<2	<1	<5	ND	<0.19	<0.19
SB-4-W	1/25/2016	<50	0.0299[2,3]	<1	<1	<1	<2	<1	<5	ND	<0.20	<0.20
SB-5-W[9]	1/25/2016	<50	0.0324[2,3]	<1	0.23[3]	<1	<2	<1	<5	ND	0.221[1]	<0.20
SB-6-W[9]	1/25/2016	27.7[3]	0.0366[4]	<1	0.24[3]	<1	<2	<1	<5	ND	0.493[4]	0.183[3,4]

Foot Note:

1	Motor Oil pattern not present. Pattern resembles Hydraulic Oil, which varies by manufacturer, but typically extends from C14-C40 (overlaps both Diesel and Motor Oil ranges)
2	No identifiable fuel pattern present; value primarily due to multiple discrete peaks in the Diesel range.
3	Indicates an estimated value below the laboratory reporting limit
4	Hydraulic Oil pattern present. Hydraulic Oils very by manufacturer; most show an unresolved area at C14-C40 with the apex between C20-C24 (overlaps both Diesel and Motor Oil ranges).
5	All other fuel oxygenates were non-detect, See laboratory Report
6	Samples were run with silica gel cleanup
7	No compound detected in any of the samples
8	Samples were run without silica gel cleanup and without silica gel cleanup
9	Sample vial contained more than 0.5cm of sediment.

TPHg	Total petroleum hydrocarbons as gasoline
TPHd	Total petroleum hydrocarbons as diesel
TPHmo	Total petroleum hydrocarbons as motor oil
TPHho	Total petroleum hydrocarbons as hydraulic oil
PAHs	Poly Aeromatic Hydrocarbons
mg/L	Milligrams per Liter
ug/L	Micrograms per Liter
MTBE	Methyl-tert-butyl ether
ND	Not Detected

ESLs State of California Environmental Screening Levels for diesel and motor oil in groundwater , where groundwater is a current or potential drinking water resource = 100 ug/L.

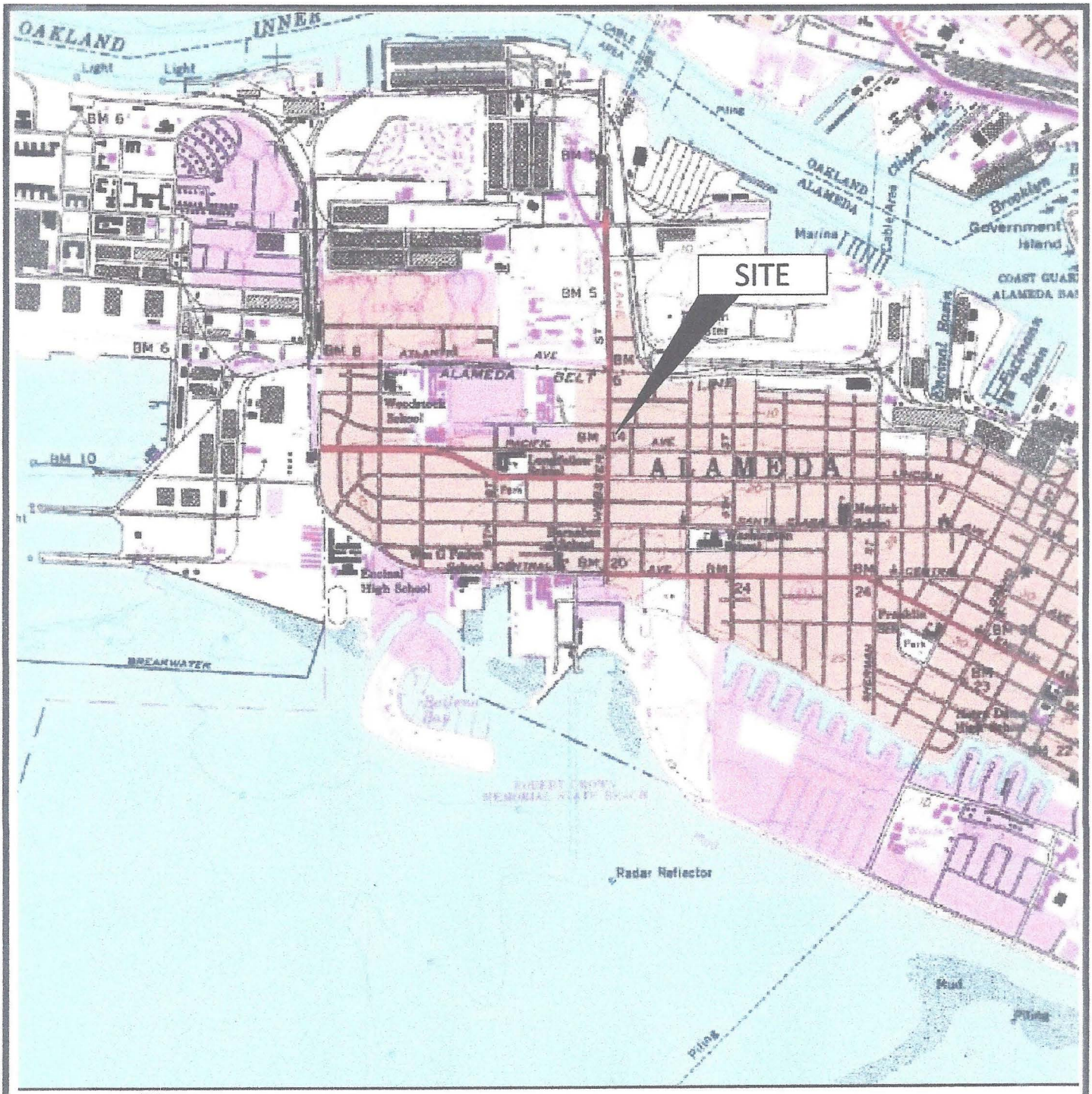
TABLE 3

Summary of Monitoring Well Groundwater Purge Data
1716 Webster Street, Alameda, CA

Well Number	Date Sampled	Depth to Water (ft)	Well Depth (ft)	LPH (Feet)	Well Elevation (M.S.L.)	Groundwater Elevation (M.S.L.)	Well Screen Interval (Feet)	Purge Volume (gallons)	Temp. (F)	Cond. (umhos/cm)	pH	Dissolved Oxygen (mg/L)	O.R.P.
MW1	**2/22/2016**	5.25	15.17	0.00	14.66	9.41	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	2/25/2016	5.40	15.15	Sheen		9.26		9	59.28	386	6.96	1.41	-170
MW2A	**2/22/2016**	5.49	16.95	0.00	15.16	9.67	7 to 17	12	61.17	420	6.88	2.10	95
	2/25/2016	5.54	16.85	0.00		9.62		9	61.76	426	6.85	2.00	21
MW3A	**2/22/2016**	5.85	16.91	0.00	15.63	9.78	7 to 17	12	59.02	413	7.15	2.61	101
	2/25/2016	6.03	16.83	0.00		9.60		**9**	58.96	398	7.30	2.91	90
RW-1	**2/22/2016**	5.28	22.50	0.00	14.84	9.56	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	2/25/2016	5.31	22.50	0.00		9.53		9	59.18	348	6.77	2.41	-78

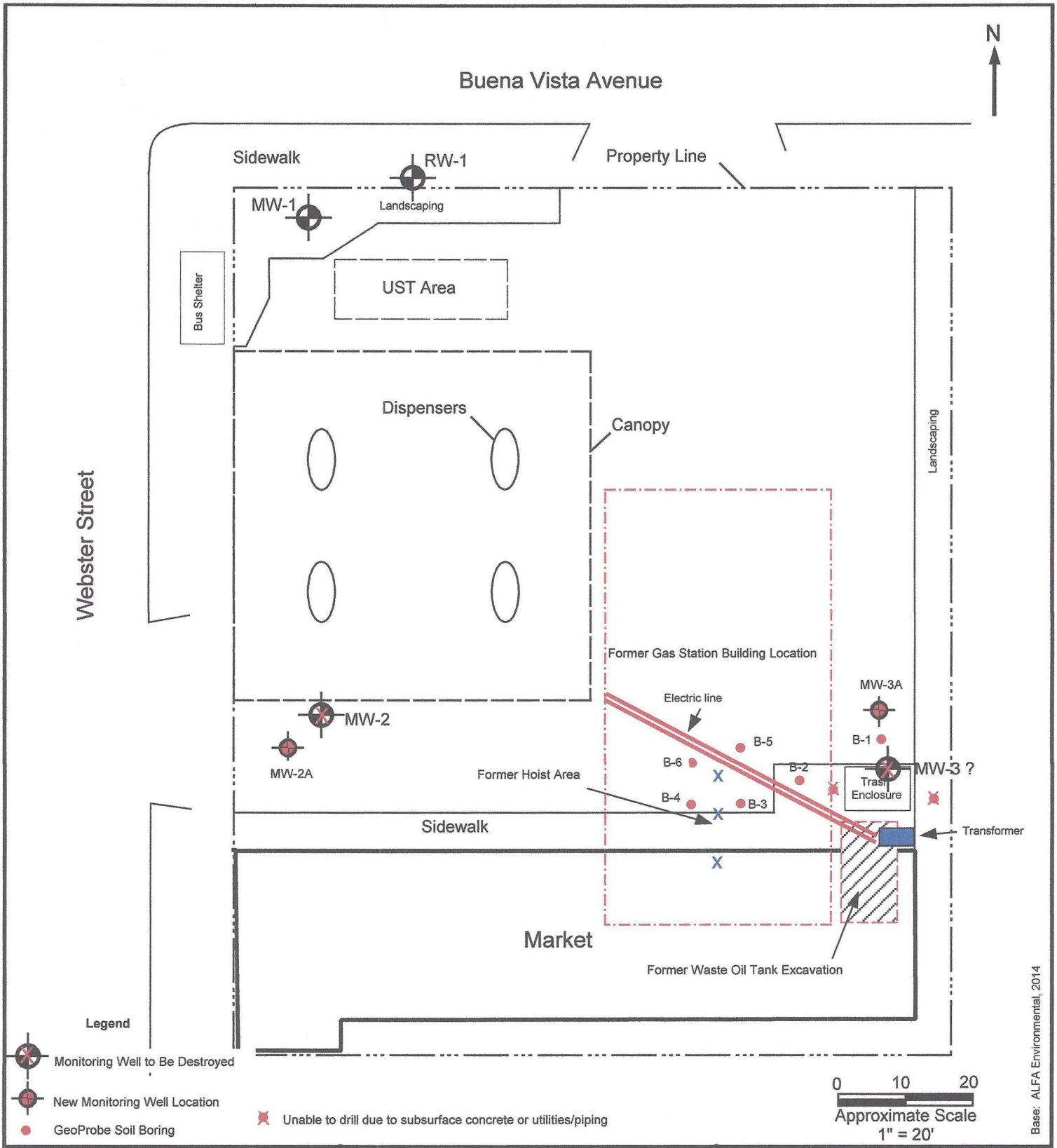
ft	Feet below top of PVC casing	N/A	Not Available
gal	Gallons	mg/L	Milligrams per liter
Temp.	Temperature	Cond.	Conductivity
F	Degrees Fahrenheit	umhos/cm	Micromhos per centimeter
LPH	Liquid phase hydrocarbon	M.S.L.	Mean sea level

Well Elevations The old datum was NGVD29 which is 2.6 feet lower than the modern NAVD88 which is now required for the submittal to the GeoTracker.

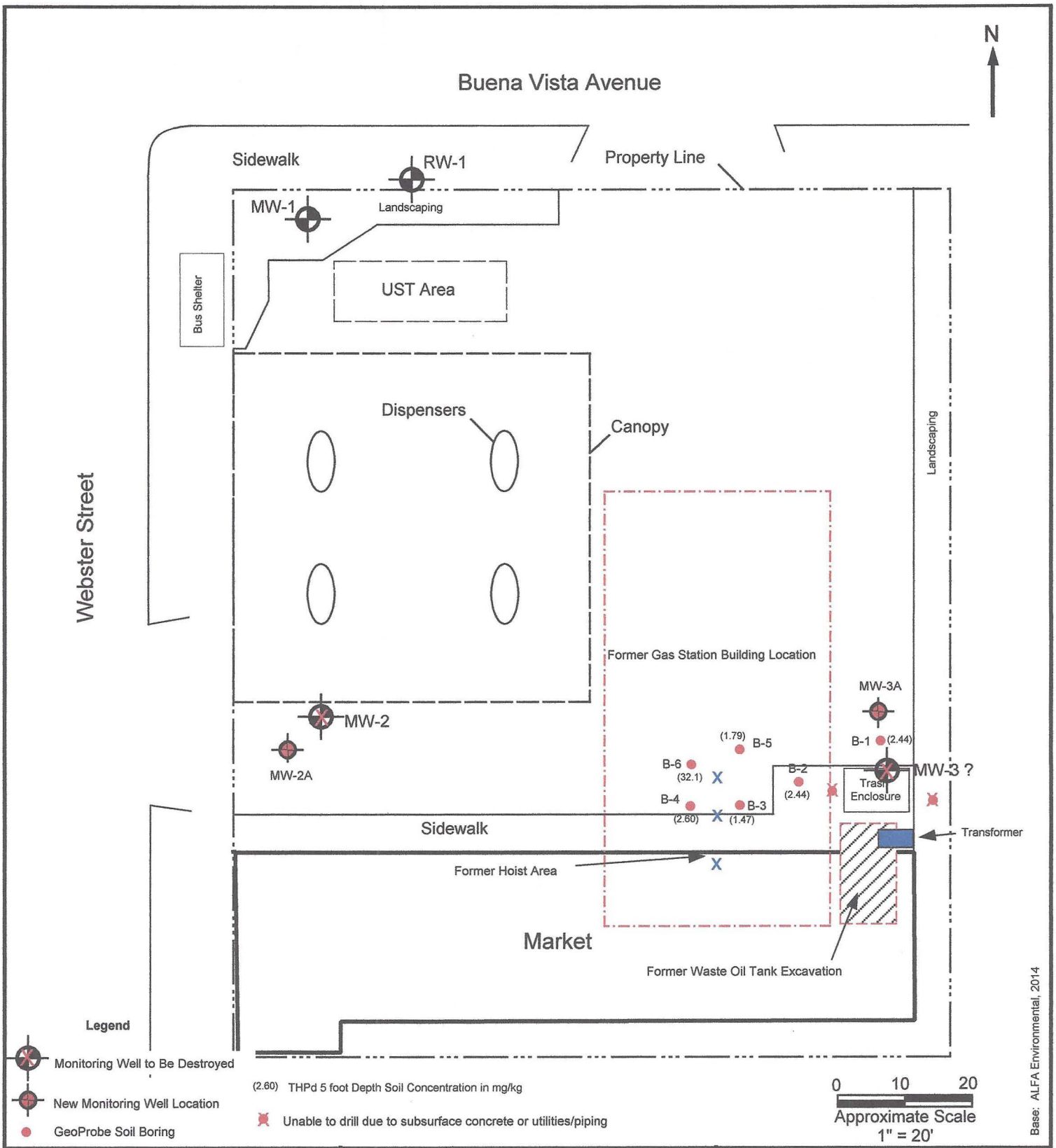


Base Map USGS

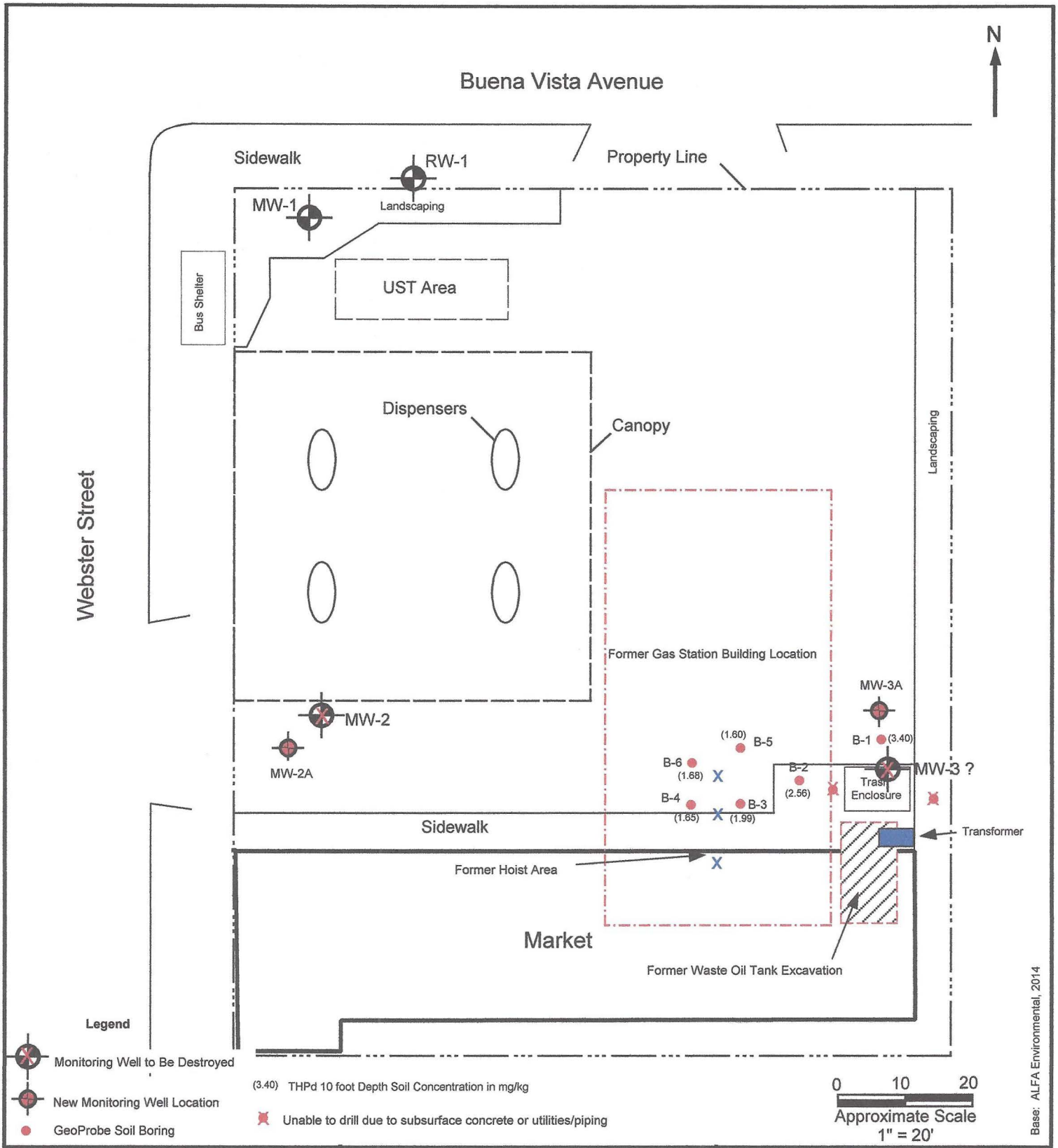
Reviewed By: GM	**Vicinity Map**	**Compliance & Closure, Inc.**
Approved By: GM	**Delong Petroleum** **1716 Webster Street** **Alameda, California**	Job No.: 12214-1 / Drawn By: GM Date: 2/3/2016 / Fig. No.: 1



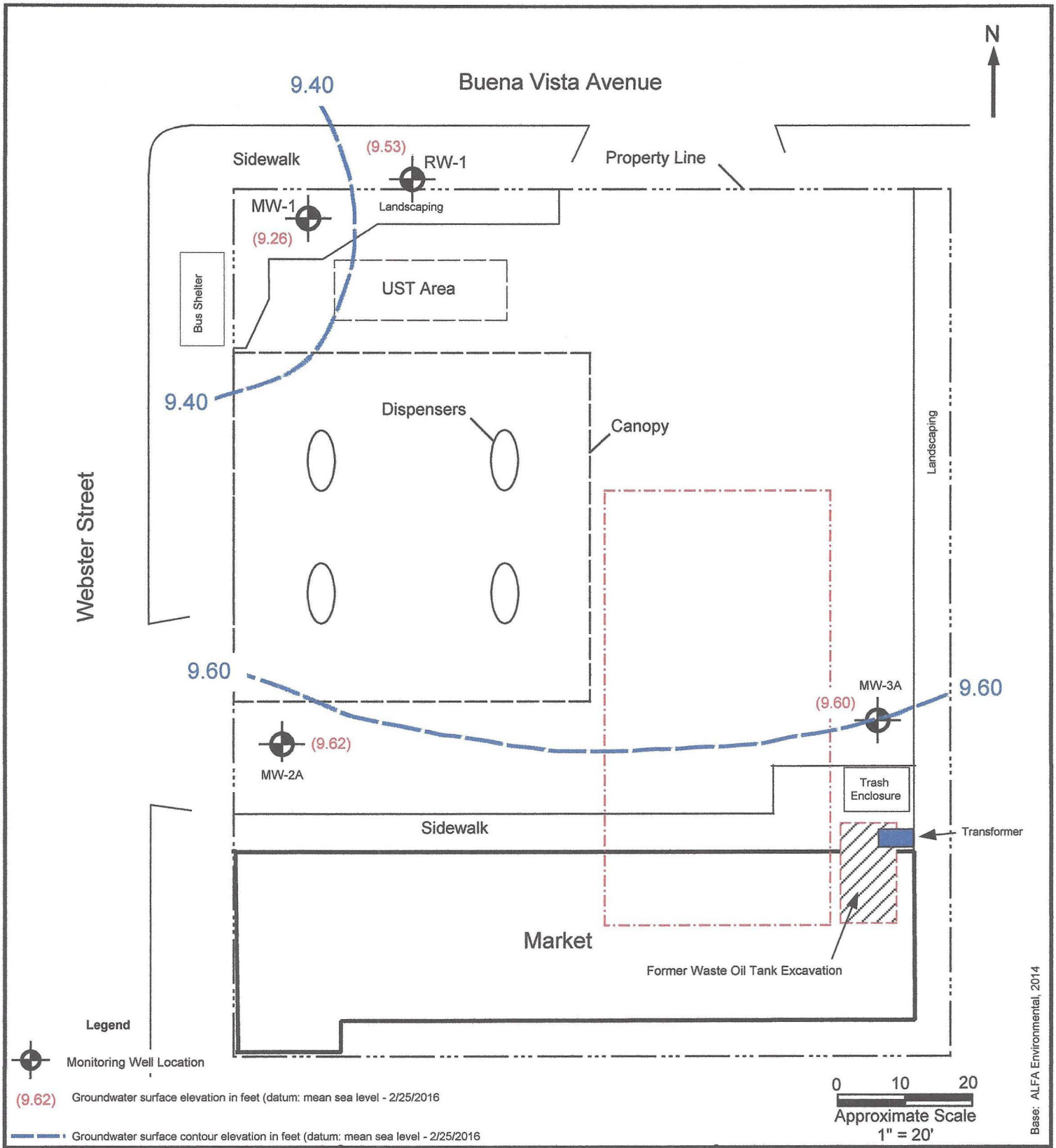
Job No.: 121214-1	**Site Plan** 76 Gas Station/Circle K 1716 Webster Street Alameda, California	**Compliance & Closure, Inc.**
Date: 2/03/2016		Drawn by: NLN Figure No.: 2



Job No.: 121214-1	**TPHd Soil Concentration Map 5 Foot Depth**	**Compliance & Closure, Inc.**
Date: 2/12/2016	76 Gas Station/Circle K 1716 Webster Street Alameda, California	Drawn by: NLN Figure No.: 3



Job No.: 121214-1	**TPHd Soil Concentration Map 10 Foot Depth**	**Compliance & Closure, Inc.**
Date: 2/12/2016	76 Gas Station/Circle K 1716 Webster Street Alameda, California	Drawn by: NLN Figure No.: 4



Job No.: 121214-1	**Groundwater Contour Map** 76 Gas Station/Circle K 1716 Webster Street Alameda, California	**Compliance & Closure, Inc.**
Date: 2/25/2016		Drawn by: NLN Figure No.: 5

APPENDIX A

Boring logs and Copy of Boring and Well Permits

Compliance & Closure, Inc.

STANDARD SYMBOLS

Legend

- Soil Sample Location
- Soil Sample Collected for Laboratory Analysis
- No Soil Recovery
- First Encountered Ground Water Level
- Piezometric Ground Water Level
- Disturbed or Bag Soil Sample, for logging purposes only

2.5YR 6/2 Soil color according to Munsell Soil Color Charts. (1975 Edition)

Penetration Sample drive hammer weight - 140 pounds falling 30 inches. Blows required to drive sampler 1 foot are indicated on the logs

NOS No Odor or Sheen

UNIFIED SOIL CLASSIFICATION SYSTEM

Compiled by B.W. Pipkin, Univ. of Southern California

MAJOR DIVISIONS			GROUP SYMBOLS	TYPICAL NAMES
COARSE-GRAINED SOILS More than half of material is larger than no. 200 sieve size	GRAVELS More than half of coarse fraction is larger than no. 4 sieve size	Clean Gravels	GW	Well-graded gravels, gravel-sand mixtures, little or no fines
			GP	Poorly graded gravels, gravel-sand mixture, little or no fines
		Gravels with Fines	GM	Silty gravels, gravel-sand-silt mixtures
			GC	Clayey gravels, gravel-sand-clay mixtures
	SANDS More than half of coarse fraction is smaller than no. 4 sieve size	Clean Sands	SW	Well-graded sands, gravelly sand, little or no fines
			SP	Poorly graded sands, gravelly sands, little or no fines
		Sands with Fines	SM	Silty sands, sand-silt mixtures
			SC	Clayey sands, sand-clay mixtures
FINE-GRAINED SOILS More than half of material is smaller than no. 200 sieve size	SILTS AND CLAYS	Low Liquid Limit	ML	Inorganic silts and very fine sands, rock flour, silty or clayey fine sands, or clayey silts, with slight plasticity
			CL	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays
			OL	Organic silts and organic silty clays of low plasticity
		High Liquid Limit	MH	Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts
			CH	Inorganic clays of high plasticity, fat clays
			OH	Organic clays of medium to high plasticity, organic silts
Highly Organic Soils			Pt	Peat and other highly organic soils

NOTES:

1. Boundary Classification: Soils possessing characteristics of two groups are designated by combinations of group symbols. For example, GW-GC, well-graded gravel-sand mixture with clay binder
2. All sieve sizes on this chart are U.S. Standard.
3. The terms "silt" and "clay" are used respectively to distinguish materials exhibiting lower plasticity from those with higher plasticity.
4. For a complete description of the Unified Soil Classification System, see "Technical Memorandum No. 3-357," prepared for Office, Chief of Engineers, by Waterways Equipment Station, Vicksburg Mississippi, March 1953. (See also Data Sheet 17.)

Compliance & Closure, Inc. **Exploratory Boring Log**

Project No. 12214-1 BORING NO. B-1
Logged by: GM Date: 1/25/2016
Client: Delong Petroleum
Location: 1716 Webseter Street, Alameda, CA

Permit: W2016-0011
Water Levels: 1st Enc: N/A feet Static: N/A

Drilling Method: GeoProbe **Page 1 of 1**
Boring Diameter: 2.5 " dia.
Total Depth: 15' Casing Depth: N/A'
Screen Length: N/A' Slot Size: N/A
Blank Length: N/A' Sand Pack: N/A
Top Sand Pack: N/A Top Bentonite: N/A
Grout Seal: 15 ' Vault Box N/A MSL N/A

Sample No.	PID (PPM)	Blow Count	Sample	Depth	Lithology Log	Well Detail/ Backfill
		Direct Push		Fill	Concrete & base rock	
					SM - Dark brown SILTY SAND, very moist, loose, very fine to medium grain, subrounded, poorly sorted, no vissible contamination.	
B-1-5	15	Continuous Core Sampling		5	CL - Yellow brown SANDY CLAY, moist, stiff, medium plasticity, no vissible contamination.	
B-1-10	420			10	SM - Yellow brown SILTY SAND, moist, medium dense , very fine to medium grain, subrounded, poorly sorted, no vissible contamination.	
					∇ Groundwater at 12 feet	
	1440			15	Bottom of Boring = 15 feet	
				20		
				25		
				30		
				35		
				40		

Reviewed by PG

Compliance & Closure, Inc. **Exploratory Boring Log**

Project No. 12214-1 BORING NO. B-2
Logged by: GM Date: 1/25/2016
Client: Delong Petroleum
Location: 1716 Webseter Street, Alameda, CA

Permit: W2016-0011
Water Levels: 1st Enc: N/A feet Static: N/A

Drilling Method: GeoProbe **Page 1 of 1**
Boring Diameter: 2.5 " dia.
Total Depth: 15' Casing Depth: N/A'
Screen Length: N/A' Slot Size: N/A
Blank Length: N/A' Sand Pack: N/A
Top Sand Pack: N/A Top Bentonite: N/A
Grout Seal: 15 ' Vault Box N/A MSL N/A

Sample No.	PID (PPM)	Blow Count	Sample	Depth	Lithology Log	Well Detail/ Backfill
		Direct Push		Fill	Concrete & base rock	
					SM - Dark brown SILTY SAND, very moist, loose, very fine to medium grain, subrounded, poorly sorted, no vissible contamination.	
B-2-5	20	Continuous Core Sampling		5	Wet around 5 feet	
					SM - Yellow brown SILTY SAND, moist, medium dense , very fine to medium grain, subrounded, poorly sorted, no vissible contamination.	
B-2-10	17			10	▽ Groundwater at 12 feet	
					SM - Grey-brown SILTY SAND, wet, loose to medium densen, fine to medium grain, subrounded, no vissible contamination.	
	35			15		
					Bottom of Boring = 15 feet	
				20		
				25		
				30		
				35		
				40		

Reviewed by PG

Compliance & Closure, Inc. **Exploratory Boring Log**

Project No. 12214-1 BORING NO. B-3
Logged by: GM Date: 1/25/2016
Client: Delong Petroleum
Location: 1716 Webseter Street, Alameda, CA

Permit: W2016-0011
Water Levels: 1st Enc: N/A feet Static: N/A

Drilling Method: GeoProbe **Page 1 of 1**
Boring Diameter: 2.5 " dia.
Total Depth: 15' Casing Depth: N/A'
Screen Length: N/A' Slot Size: N/A
Blank Length: N/A' Sand Pack: N/A
Top Sand Pack: N/A Top Bentonite: N/A
Grout Seal: 15 ' Vault Box N/A MSL N/A

Sample No.	PID (PPM)	Blow Count	Sample	Depth	Lithology Log	Well Detail/ Backfill
		Direct Push		Fill	Concrete & base rock	
					SM - Dark brown SILTY SAND, very moist, loose, very fine to medium grain, subrounded, poorly sorted, no vissible contamination.	
B-3-5	354	Continuous Core Sampling		5	Wet around 5 feet	
					SM - Yellow brown SILTY SAND, moist, medium dense , very fine to medium grain, subrounded, poorly sorted, no vissible contamination.	
B-3-10	280			10	▽ Groundwater at 12 feet	
	300			15	SM - Grey-brown SILTY SAND, wet, loose to medium densen, fine to medium grain, subrounded, no vissible contamination.	
					Bottom of Boring = 15 feet	
				20		
				25		
				30		
				35		
				40		
					Reviewed by PG	

Compliance & Closure, Inc. **Exploratory Boring Log**

Project No. 12214-1 BORING NO. B-4
Logged by: GM Date: 1/25/2016
Client: Delong Petroleum
Location: 1716 Webseter Street, Alameda, CA

Permit: W2016-0011
Water Levels: 1st Enc: N/A feet Static: N/A

Drilling Method: GeoProbe **Page 1 of 1**
Boring Diameter: 2.5 " dia.
Total Depth: 15' Casing Depth: N/A'
Screen Length: N/A' Slot Size: N/A
Blank Length: N/A' Sand Pack: N/A
Top Sand Pack: N/A Top Bentonite: N/A
Grout Seal: 15 ' Vault Box N/A MSL N/A

Sample No.	PID (PPM)	Blow Count	Sample	Depth	Lithology Log	Well Detail/ Backfill
		Direct Push		Fill	Concrete & base rock	
					SM - Dark brown SILTY SAND, very moist, loose, very fine to medium grain, subrounded, poorly sorted, no vissible contamination.	
B-4-5	52	Continuous Core Sampling		5	Yellow-brown in color	
B-4-10	43			10	SM - Yellow brown SILTY SAND, moist, loose , very fine to medium grain, subrounded, poorly sorted, no vissible contamination.	
					▽ Groundwater at 12 feet	
	61			15		
					Bottom of Boring = 15 feet	
				20		
				25		
				30		
				35		
				40		
					Reviewed by PG	

Compliance & Closure, Inc. **Exploratory Boring Log**

Project No. 12214-1 BORING NO. B-5
Logged by: GM Date: 1/25/2016
Client: Delong Petroleum
Location: 1716 Webseter Street, Alameda, CA

Permit: W2016-0011
Water Levels: 1st Enc: N/A feet Static: N/A

Drilling Method: GeoProbe **Page 1 of 1**
Boring Diameter: 2.5 " dia.
Total Depth: 15' Casing Depth: N/A'
Screen Length: N/A' Slot Size: N/A
Blank Length: N/A' Sand Pack: N/A
Top Sand Pack: N/A Top Bentonite: N/A
Grout Seal: 15 ' Vault Box N/A MSL N/A

Sample No.	PID (PPM)	Blow Count	Sample	Depth	Lithology Log	Well Detail/ Backfill
		Direct Push		Fill	Concrete & base rock	
					SM - Dark brown SILTY SAND, very moist, loose, very fine to medium grain, subrounded, poorly sorted, no vissible contamination.	
B-5-5	18	Continuous Core Sampling		5		
B-5-10	21			10	SM - Brown SILTY SAND, very moist, loose , very fine to medium grain, subrounded, poorly sorted, no vissible contamination.	
					∇ Groundwater at 12 feet	
	25			15		
					Bottom of Boring = 15 feet	
				20		
				25		
				30		
				35		
				40		
					Reviewed by PG	

Compliance & Closure, Inc. **Exploratory Boring Log**

Project No. 12214-1 BORING NO. B-6
Logged by: GM Date: 1/25/2016
Client: Delong Petroleum
Location: 1716 Webseter Street, Alameda, CA

Permit: W2016-0011
Water Levels: 1st Enc: N/A feet Static: N/A

Drilling Method: GeoProbe **Page 1 of 1**
Boring Diameter: 2.5 " dia.
Total Depth: 15' Casing Depth: N/A'
Screen Length: N/A' Slot Size: N/A
Blank Length: N/A' Sand Pack: N/A
Top Sand Pack: N/A Top Bentonite: N/A
Grout Seal: 15 ' Vault Box N/A MSL N/A

Sample No.	PID (PPM)	Blow Count	Sample	Depth	Lithology Log	Well Detail/ Backfill
		Direct Push		Fill	Concrete & base rock	
					SM - Dark brown SILTY SAND, very moist, loose, very fine to medium grain, subrounded, poorly sorted, no vissible contamination.	
B-6-5	15	Continuous Core Sampling		5		
					SM/SW - Grey SILTY SAND to SAND, very moist, loose , very fine to medium grain, subrounded, poorly sorted, no vissible contamination.	
B-6-10	21			10		
					▽ Groundwater at 12 feet SM - Grey SILTY SAND, very moist, loose, very fine to medium grain, subrounded, poorly sorted, no vissible contamination.	
	5			15		
					Bottom of Boring = 15 feet	
				20		
				25		
				30		
				35		
				40		
					Reviewed by PG	

Compliance & Closure, Inc. — Exploratory Boring Log

Project No. 12214-1 BORING NO. MW-2A
Logged by: GM Date: 1/26/2016
Client: Delong Petroleum
Location: 1716 Webster Street,
Alameda, CA

Permit: W2016-0014
Water Levels: 1st Enc: 12' Static N/A

Drilling Method: Hollow Stem **Page 1 of 1**
Well Installed: 2 " dia.
Total Depth: 17' Casing Depth: 17'
Screen Length:10' Slot Size: 0.020"
Blank Length: 7' Sand Pack: 11'
Top Sand Pack: 6 ' Top Bentonite: 5'
Grout Seal: 5 ' to 6" Vault Box N/A MSL N/A

Sample No.	PID /OV	Blow Count	Sample	Depth	Lithology Log	Well Detail/ Backfill
No samples collected, drill cuttings logged .				0	Concrete and Base Rock	Concrete
				5	SM - Dark brown SILTY SAND, very moist, loose, very fine to medium grain, subrounded, poorly sorted, no vissible contamination.	Bentonite
				10	SM - Grey SILTY SAND, very moist, loose, very fine to medium grain, subrounded, poorly sorted, no vissible contamination.	Sand
				12	▽ Groundwater at 12 feet	Slots
				15	SM - Grey SILTY SAND, very moist, loose, very fine to medium grain, subrounded, poorly sorted, no vissible contamination.	
				17	Bottom at 17 feet	
				20		
				25		
				30		
				35		
				40		

Reviewed by PG

Compliance & Closure, Inc. — Exploratory Boring Log

Project No. 12214-1 BORING NO. MW-3A
Logged by: GM Date: 1/26/2016
Client: Delong Petroleum
Location: 1716 Webster Street,
Alameda, CA

Permit: W2016-0015
Water Levels: 1st Enc: 12' Static N/A

Drilling Method: Hollow Stem
Well Installed: 2 " dia.
Total Depth: 17' Casing Depth: 17'
Screen Length:10' Slot Size: 0.020"
Blank Length: 7' Sand Pack: 11'
Top Sand Pack: 6 ' Top Bentonite: 5'
Grout Seal: 5 ' to 6" Vault Box N/A MSL N/A

Sample No.	PID /OV	Blow Count	Sample	Depth	Lithology Log	Well Detail/ Backfill
No samples collected, drill cuttings logged .				0	Concrete and Base Rock	Concrete
					SM - Dark brown SILTY SAND, very moist, loose, very fine to medium grain, subrounded, poorly sorted, no vissible contamination.	
				5	CL - Yellow-brown SANDY CLAY, moist, medium plasticity, no vissible contamination	Bentonite
						Sand
				10	▽ Groundwater at 12 feet	Slots
				15	SM - Grey SILTY SAND, very moist, loose, very fine to medium grain, subrounded, poorly sorted, no vissible contamination.	
					Bottom at 17 feet	
				20		
				25		
				30		
				35		
				40		

Reviewed by PG

Alameda County Public Works Agency - Water Resources Well Permit

Public Works Agency
Alameda County

399 Elmhurst Street
Hayward, CA 94544-1395
Telephone: (510)670-6633 Fax:(510)782-1939

Application Approved on: 01/14/2016 By jamesy

Permit Numbers: W2016-0011 to W2016-0015
Permits Valid from 01/19/2016 to 01/26/2016

Application Id:	1452126701158	**City of Project Site:** Alameda
Site Location:	1716 Webster St, Alameda, CA	
Project Start Date:	01/19/2016	**Completion Date:** 01/26/2016
Assigned Inspector:	Contact Lindsay Furuyama at (925) 956-2311 or Lfuruyama@groundzonees.com	
Applicant:	Compliance & Closure Inc. - Gary Mulkry 4115 Blackhawk Plaza Cir #100, Danville, CA 94506	**Phone:** 925-648-2008
Property Owner:	Ddj Property Holding Inc. 2501 North Main St, Walnut Creek, CA 94597	**Phone:** 510-759-2384
Client:	** same as Property Owner **	
Contact:	Gary Mulkry	**Phone:** 925-648-2008 **Cell:** 925-648-2258

	Total Due:	$1853.00
Receipt Number: WR2016-0009	**Total Amount Paid:**	$1853.00
Payer Name : Compliance & Closure Inc	Paid By: CHECK	**PAID IN FULL**

Works Requesting Permits:

Borehole(s) for Investigation-Environmental/Monitorinig Study - 10 Boreholes
Driller: Vironex - Lic #: 705927 - Method: DP **Work Total: $265.00**

Specifications

Permit Number	Issued Dt	Expire Dt	# Boreholes	Hole Diam	Max Depth
W2016-0011	01/14/2016	04/18/2016	10	2.38 in.	15.00 ft

Specific Work Permit Conditions

1. Backfill bore hole by tremie with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind or with compacted cuttings. All cuttings remaining or unused shall be containerized and hauled off site. The containers shall be clearly labeled to the ownership of the container and labeled hazardous or non-hazardous.

2. Boreholes shall not be left open for a period of more than 24 hours. All boreholes left open more than 24 hours will need approval from Alameda County Public Works Agency, Water Resources Section. All boreholes shall be backfilled according to permit destruction requirements and all concrete material and asphalt material shall be to Caltrans Spec or County/City Codes. No borehole(s) shall be left in a manner to act as a conduit at any time.

3. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.

4. Applicant shall contact assigned inspector listed on the top of the permit at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.

5. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of $500.00.

6. Electronic Reporting Regulations (Chapter 30, Division 3 of Title 23 & Division 3 of Title 27, CCR) require electronic

submission of any report or data required by a regulatory agency from a cleanup site. Submission dates are set by a Regional Water Board or by a regulatory agency. Once a report/data is successfully uploaded, as required, you have met the reporting requirement (i.e. the compliance measure for electronic submittals is the actual upload itself). The upload date should be on or prior to the regulatory due date.

7. NOTE:
Under California laws, the owner/operator are responsible for reporting the contamination to the governmental regulatory agencies under Section 25295(a). The owner/operator is liable for civil penalties under Section 25299(a)(4) and criminal penalties under Section 25299(d) for failure to report a leak. The owner/operator is liable for civil penalties under Section 25299(b)(4) for knowing failure to ensure compliance with the law by the operator. These penalty provisions do not apply to a potential buyer.

8. Prior to any drilling activities onto any public right-of-ways, it shall be the applicants responsibilities to contact and coordinate a Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits required for that City or to the County and follow all City or County Ordinances. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County a Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.

9. Permit is valid only for the purpose specified herein. No changes in construction procedures, as described on this permit application. Boreholes shall not be converted to monitoring wells, without a permit application process.

Well Destruction-Monitoring - 2 Wells
Driller: Vironex - Lic #: 705927 - Method: hstem **Work Total: $794.00**

Specifications

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth	State Well #	Orig. Permit #	DWR #
W2016-0012	01/14/2016	04/18/2016	MW2	8.00 in.	2.00 in.	0.00 ft	15.69 ft	2S/4W11C1 4	92306	433081
W2016-0013	01/14/2016	04/18/2016	MW3	8.00 in.	2.00 in.	0.00 ft	15.03 ft	2S/4W11C	92306	No Records

Specific Work Permit Conditions

1. Drilling Permit(s) can be voided/ cancelled only in writing. It is the applicant's responsibility to notify Alameda County Public Works Agency, Water Resources Section in writing for an extension or to cancel the drilling permit application. No drilling permit application(s) shall be extended beyond ninety (90) days from the original start date. Applicants may not cancel a drilling permit application after the completion date of the permit issued has passed.

2. Prior to any drilling activities, it shall be the applicant's responsibility to contact and coordinate an Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits or agreements required for that Federal, State, County or City, and follow all City or County Ordinances. No work shall begin until all the permits and requirements have been approved or obtained. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County an Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.

3. Compliance with the well-sealing specifications shall not exempt the well-sealing contractor from complying with appropriate State reporting-requirements related to well construction or destruction (Sections 13750 through 13755 (Division 7, Chapter 10, Article 3) of the California Water Code). Contractor must complete State DWR Form 188 and mail original to the Alameda County Public Works Agency, Water Resources Section, within 60 days. Include permit number and site map.

4. Applicant shall submit the copies of the approved encroachment permit to this office within 10 days.

5. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost and liability in connection with or resulting from the exercise of this Permit including, but not limited to, property damage, personal injury and wrongful death.

6. Applicant shall contact assigned inspector listed on the top of the permit at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.

7. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all material or waters generated during drilling, boring destruction, and/or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials and/or waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways or be allowed to move off the property where work is being completed.

8. Remove the Christy box or similar structure.

Destroy well by grouting neat cement with a tremie pipe or pressure grouting (25 psi for 5min.) to the bottom of the well and by filling with neat cement to three (3-5) feet below surface grade. Allow the sealing material to spill over the top of the casing to fill any annular space between casing and soil.

After the seal has set, backfill the remaining hole with concrete or compacted material to match existing conditions.

9. Remove the Christy box or similar structure. Pressure Grout with Cement (Less than 30 ft in depth). After the seal has set, backfill the remaining hole with concrete or compacted material to match existing.

10. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of $500.00.

11. Remove well by excavation. After the seal has set, backfill the remaining hole with concrete or compacted material to match existing.

12. Electronic Reporting Regulations (Chapter 30, Division 3 of Title 23 & Division 3 of Title 27, CCR) require electronic submission of any report or data required by a regulatory agency from a cleanup site. Submission dates are set by a Regional Water Board or by a regulatory agency. Once a report/data is successfully uploaded, as required, you have met the reporting requirement (i.e. the compliance measure for electronic submittals is the actual upload itself). The upload date should be on or prior to the regulatory due date.

13. Remove the Christy box or similar structure. Tremie Grout with Cement (More than 30 ft in depth). After the seal has set, backfill the remaining hole with concrete or compacted material to match existing.

Well Construction-Monitoring-Monitoring - 2 Wells
Driller: Gregg Drilling - Lic #: 485165 - Method: hstem **Work Total: $794.00**

Specifications

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth

Alameda County Public Works Agency - Water Resources Well Permit

W2016-0014	01/14/2016	04/18/2016	MW2A	2.00 in.	8.00 in.	5.00 ft	20.00 ft
W2016-0015	01/14/2016	04/18/2016	MW3A	2.00 in.	8.00 in.	5.00 ft	20.00 ft

Specific Work Permit Conditions

1. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.

2. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all material or waters generated during drilling, boring destruction, and/or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials and/or waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways or be allowed to move off the property where work is being completed.

3. Prior to any drilling activities, it shall be the applicant's responsibility to contact and coordinate an Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits or agreements required for that Federal, State, County or City, and follow all City or County Ordinances. No work shall begin until all the permits and requirements have been approved or obtained. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County an Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.

4. Compliance with the well-sealing specifications shall not exempt the well-sealing contractor from complying with appropriate State reporting-requirements related to well construction or destruction (Sections 13750 through 13755 (Division 7, Chapter 10, Article 3) of the California Water Code). Contractor must complete State DWR Form 188 and mail original to the Alameda County Public Works Agency, Water Resources Section, within 60 days. Include permit number and site map.

5. Applicant shall submit the copies of the approved encroachment permit to this office within 10 days.

6. Applicant shall contact assigned inspector listed on the top of the permit at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.

7. Wells shall have a Christy box or similar structure with a locking cap or cover. Well(s) shall be kept locked at all times. Well(s) that become damaged by traffic or construction shall be repaired in a timely manner or destroyed immediately (through permit process). No well(s) shall be left in a manner to act as a conduit at any time.

8. Minimum surface seal thickness is two inches of cement grout placed by tremie.

9. Minimum seal (Neat Cement seal) depth for monitoring wells is 5 feet below ground surface(BGS) or the maximum depth practicable or 20 feet.

10. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of $500.00.

11. Electronic Reporting Regulations (Chapter 30, Division 3 of Title 23 & Division 3 of Title 27, CCR) require electronic submission of any report or data required by a regulatory agency from a cleanup site. Submission dates are set by a Regional Water Board or by a regulatory agency. Once a report/data is successfully uploaded, as required, you have met the reporting requirement (i.e. the compliance measure for electronic submittals is the actual upload itself). The upload

date should be on or prior to the regulatory due date.

APPENDIX B

Monitoring Well Survey Data & Pictures of Missing Wells MW-2 & MW-3

GLOBAL_ID	FIELD_PT_NAME	ELEV_SURVEY_DATE	ELEVATION	ELEV_METHOD	ELEV_DATUM	ELEV_ACC_VAL	ELEV_SURVEY_ORG	RISER_HT	ELEV_DESC	EFF_DATE	
	MW-2A	2/1/2016	15.16	DIG	88	2	Accurate Land Solutions	0.45			
	MW-3A	2/1/2016	15.63	DIG	88	2	Accurate Land Solutions	0.20			
	MW-1	2/1/2016	14.66	DIG	88	2	Accurate Land Solutions	0.31			

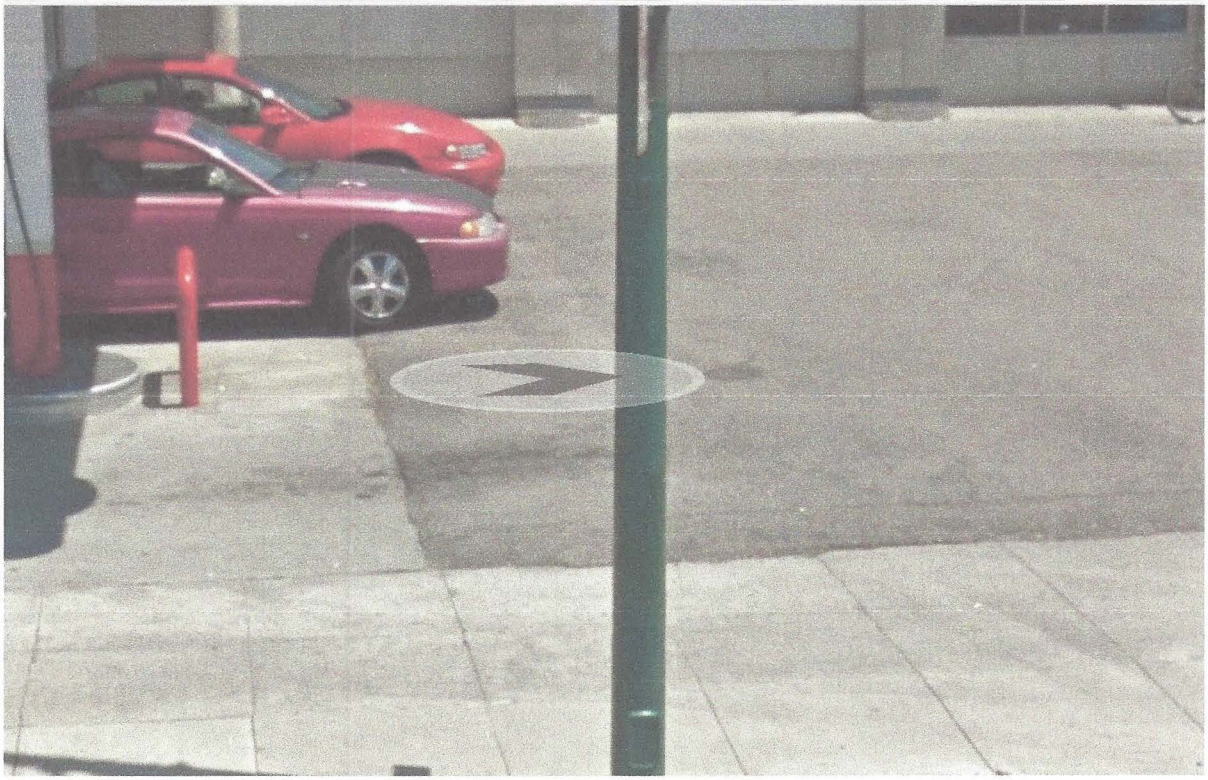
GLOBAL_ID	FIELD_PT_NAME	FIELD_PT_CLASS	XY_SURVEY_DATE	LATITUDE	LONGTITUDE	XY_METHOD	XY_DATUM	XY_ACC_VAL	XY_SURVEY_ORG	GPS_EQUIP_TYPE	XY_SURVEY_DESC
	MW-2A		2/1/2016	37.77693441	122.276498	RTK	NAD83	2	Accurate Land Solutions	L1230	
	MW-3A		2/1/2016	37.776943	122.2762181	RTK	NAD83	2	Accurate Land Solutions	L1230	
	MW-1		2/1/2016	37.777113818	122.27645807	RTK	NAD83	2	Accurate Land Solutions	L1230	

From: Ross Kinnie
To: Gary Mulkey
Subject: Re: Alameda Site
Date: Wednesday, January 13, 2016 10:26:08 AM
Attachments: efagjcbb.png
cdcfjcbb.png

Gary - the older aerial did not show much - but I see on street view where it was and think it might be where the trash can was in the second photo - the one in the back I do not see

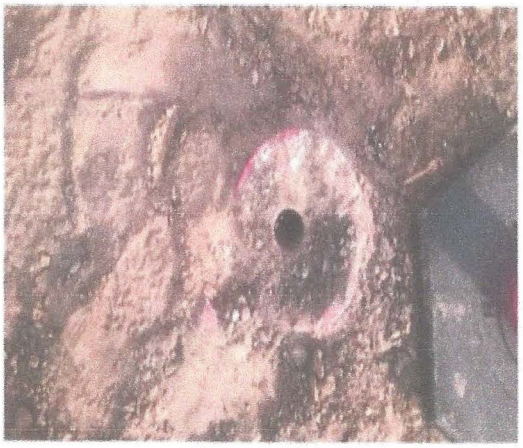
I should be able to plot the location and give you some dimensions

59688,-122.2766527,3a,20.4y,99.08h,76.68t/data=!3m7!1e1!3m5!1sWDzEzutujEnqVNYR5wddSA!2e0!5s20110501T000000!7i13312!8i6656



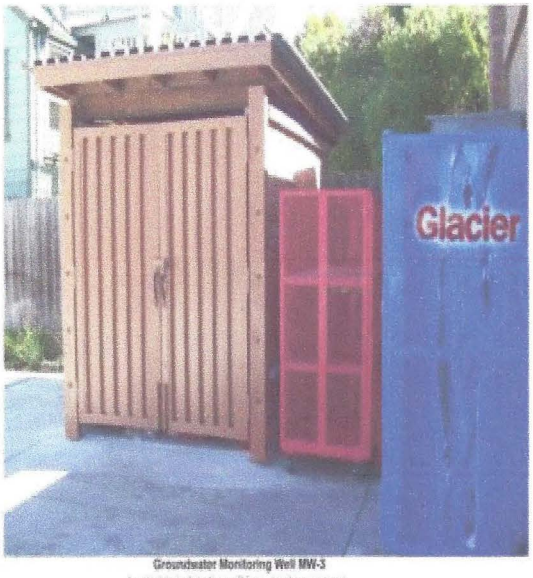
Thanks

The other photographs taken by Broadbent & Associates on June 6, 2014 (see below - copied from ACEH Directive Letter) and on October 2, 2014 show wells MW-2 and MW-3 were damaged during grading and construction activities and covered by concrete.



Damaged Monitoring Well MW-2

1716 Webster Street, Alameda MW-2; June 6, 2014



Groundwater Monitoring Well MW-3
(probably below the solid waste storge area)

Groundwater Monitoring Well designated MW-3 (its location shown above and on the Site Plan) was damaged and covered by concrete. Based on maps, photographs taken, and site measurements, MW-3 was located below the solid waste storage shown on the above photograph.

APPENDIX C

Laboratory Report

e-Hardcopy 2.0
Automated Report

Technical Report for

Compliance & Closure, Inc.

T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA

12214-1

SGS Accutest Job Number: C43827

Sampling Date: 01/25/16

Report to:

Compliance & Closure, Inc.
4115 Blackhawk Plaza Circle Suite 100
Danville, CA 94506
gary@cci-envr.com

ATTN: Gary Mulkey

Total number of pages in report: **124**

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

James J. Rhudy
Lab Director

Client Service contact: Elvin Kumar 408-588-0200

Certifications: CA (ELAP 2910) AK (UST-092) AZ (AZ0762) NV (CA00150) OR (CA300006) WA (C925) DoD ELAP (L-A-B L2242)

Sections: 1 2 3 4 5 6 7

Table of Contents

Table of Contents

Sample Summary

Compliance & Closure, Inc.

Job No: C43827

T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA
Project No: 12214-1

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
C43827-1	01/25/16	08:00	GM	01/26/16	SO	Soil	SB-1-5
C43827-1A	01/25/16	08:00	GM	01/26/16	SO	Soil	SB-1-5
C43827-2	01/25/16	08:10	GM	01/26/16	SO	Soil	SB-1-10
C43827-2A	01/25/16	08:10	GM	01/26/16	SO	Soil	SB-1-10
C43827-3	01/25/16	08:30	GM	01/26/16	AQ	Ground Water	SB-1-W
C43827-3A	01/25/16	08:30	GM	01/26/16	AQ	Ground Water	SB-1-W
C43827-4	01/25/16	09:00	GM	01/26/16	SO	Soil	SB-2-5
C43827-4A	01/25/16	09:00	GM	01/26/16	SO	Soil	SB-2-5
C43827-5	01/25/16	09:10	GM	01/26/16	SO	Soil	SB-2-10
C43827-5A	01/25/16	09:10	GM	01/26/16	SO	Soil	SB-2-10
C43827-6	01/25/16	09:25	GM	01/26/16	AQ	Ground Water	SB-2-W
C43827-6A	01/25/16	09:25	GM	01/26/16	AQ	Ground Water	SB-2-W
C43827-7	01/25/16	09:35	GM	01/26/16	SO	Soil	SB-3-5

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Summary
(continued)

Compliance & Closure, Inc.

Job No: C43827

T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA
Project No: 12214-1

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
C43827-7A	01/25/16	09:35	GM	01/26/16	SO	Soil	SB-3-5
C43827-8	01/25/16	09:40	GM	01/26/16	SO	Soil	SB-3-10
C43827-8A	01/25/16	09:40	GM	01/26/16	SO	Soil	SB-3-10
C43827-9	01/25/16	10:00	GM	01/26/16	AQ	Ground Water	SB-3-W
C43827-9A	01/25/16	10:00	GM	01/26/16	AQ	Ground Water	SB-3-W
C43827-10	01/25/16	10:10	GM	01/26/16	SO	Soil	SB-4-5
C43827-10A	01/25/16	10:10	GM	01/26/16	SO	Soil	SB-4-5
C43827-11	01/25/16	10:15	GM	01/26/16	SO	Soil	SB-4-10
C43827-11A	01/25/16	10:15	GM	01/26/16	SO	Soil	SB-4-10
C43827-12	01/25/16	10:35	GM	01/26/16	AQ	Ground Water	SB-4-W
C43827-12A	01/25/16	10:35	GM	01/26/16	AQ	Ground Water	SB-4-W
C43827-13	01/25/16	11:00	GM	01/26/16	SO	Soil	SB-5-5
C43827-13A	01/25/16	11:00	GM	01/26/16	SO	Soil	SB-5-5

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Summary
(continued)

Compliance & Closure, Inc.

Job No: C43827

T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA
Project No: 12214-1

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
C43827-14	01/25/16	11:05	GM	01/26/16	SO	Soil	SB-5-10
C43827-14A	01/25/16	11:05	GM	01/26/16	SO	Soil	SB-5-10
C43827-15	01/25/16	11:20	GM	01/26/16	AQ	Ground Water	SB-5-W
C43827-15A	01/25/16	11:20	GM	01/26/16	AQ	Ground Water	SB-5-W
C43827-16	01/25/16	11:30	GM	01/26/16	SO	Soil	SB-6-5
C43827-16A	01/25/16	11:30	GM	01/26/16	SO	Soil	SB-6-5
C43827-17	01/25/16	11:35	GM	01/26/16	SO	Soil	SB-6-10
C43827-17A	01/25/16	11:35	GM	01/26/16	SO	Soil	SB-6-10
C43827-18	01/25/16	11:55	GM	01/26/16	AQ	Ground Water	SB-6-W
C43827-18A	01/25/16	11:55	GM	01/26/16	AQ	Ground Water	SB-6-W

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Summary of Hits

Job Number: C43827
Account: Compliance & Closure, Inc.
Project: T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA
Collected: 01/25/16

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
C43827-1	**SB-1-5**					
No hits reported in this sample.						
C43827-1A	**SB-1-5**					
TPH (C10-C28) [a]		2.44 J	3.3	0.83	mg/kg	SW846 8015B M
C43827-2	**SB-1-10**					
No hits reported in this sample.						
C43827-2A	**SB-1-10**					
TPH (C10-C28) [a]		3.34	3.3	0.83	mg/kg	SW846 8015B M
C43827-3	**SB-1-W**					
TPH (> C28-C40) [b]		0.222	0.20	0.049	mg/l	SW846 8015B M
C43827-3A	**SB-1-W**					
TPH (C10-C28) [a]		0.0404 J	0.098	0.025	mg/l	SW846 8015B M
C43827-4	**SB-2-5**					
No hits reported in this sample.						
C43827-4A	**SB-2-5**					
TPH (C10-C28) [a]		2.66 J	3.3	0.83	mg/kg	SW846 8015B M
C43827-5	**SB-2-10**					
No hits reported in this sample.						
C43827-5A	**SB-2-10**					
TPH (C10-C28) [a]		2.56 J	3.3	0.83	mg/kg	SW846 8015B M
C43827-6	**SB-2-W**					
TPH (> C28-C40) [b]		0.323	0.19	0.049	mg/l	SW846 8015B M

Summary of Hits

Job Number: C43827
Account: Compliance & Closure, Inc.
Project: T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA
Collected: 01/25/16

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
C43827-6A	**SB-2-W**					
TPH (C10-C28) [a]		0.0522 J	0.097	0.024	mg/l	SW846 8015B M
C43827-7	**SB-3-5**					
No hits reported in this sample.						
C43827-7A	**SB-3-5**					
TPH (C10-C28) [a]		1.47 J	3.3	0.83	mg/kg	SW846 8015B M
C43827-8	**SB-3-10**					
No hits reported in this sample.						
C43827-8A	**SB-3-10**					
TPH (C10-C28) [a]		1.99 J	3.3	0.83	mg/kg	SW846 8015B M
C43827-9	**SB-3-W**					
No hits reported in this sample.						
C43827-9A	**SB-3-W**					
TPH (C10-C28) [a]		0.0390 J	0.097	0.024	mg/l	SW846 8015B M
C43827-10	**SB-4-5**					
No hits reported in this sample.						
C43827-10A	**SB-4-5**					
TPH (C10-C28) [a]		2.60 J	3.3	0.83	mg/kg	SW846 8015B M
C43827-11	**SB-4-10**					
No hits reported in this sample.						
C43827-11A	**SB-4-10**					
TPH (C10-C28) [a]		1.65 J	3.3	0.83	mg/kg	SW846 8015B M

Summary of Hits

Job Number: C43827
Account: Compliance & Closure, Inc.
Project: T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA
Collected: 01/25/16

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
C43827-12	**SB-4-W**					
No hits reported in this sample.						
C43827-12A	**SB-4-W**					
TPH (C10-C28) [a]		0.0299 J	0.098	0.025	mg/l	SW846 8015B M
C43827-13	**SB-5-5**					
No hits reported in this sample.						
C43827-13A	**SB-5-5**					
TPH (C10-C28) [a]		1.79 J	3.3	0.83	mg/kg	SW846 8015B M
C43827-14	**SB-5-10**					
No hits reported in this sample.						
C43827-14A	**SB-5-10**					
TPH (C10-C28) [a]		1.60 J	3.3	0.83	mg/kg	SW846 8015B M
C43827-15	**SB-5-W**					
Toluene [c]		0.23 J	1.0	0.20	ug/l	SW846 8260B
TPH (> C28-C40) [b]		0.221	0.20	0.049	mg/l	SW846 8015B M
C43827-15A	**SB-5-W**					
TPH (C10-C28) [a]		0.0324 J	0.098	0.025	mg/l	SW846 8015B M
C43827-16	**SB-6-5**					
TPH (> C28-C40) [d]		178	33	8.3	mg/kg	SW846 8015B M
C43827-16A	**SB-6-5**					
TPH (C10-C28) [e]		32.1	6.7	1.7	mg/kg	SW846 8015B M
TPH (> C28-C40) [d]		34.7	13	3.3	mg/kg	SW846 8015B M
C43827-17	**SB-6-10**					
No hits reported in this sample.						

Summary of Hits

Job Number: C43827
Account: Compliance & Closure, Inc.
Project: T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA
Collected: 01/25/16

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
C43827-17A	**SB-6-10**					
TPH (C10-C28) [a]		1.68 J	3.3	0.83	mg/kg	SW846 8015B M
C43827-18	**SB-6-W**					
Toluene [c]		0.24 J	1.0	0.20	ug/l	SW846 8260B
TPH-GRO (C6-C10) [c]		27.7 J	50	25	ug/l	SW846 8260B
TPH (> C28-C40) [b]		0.493	0.20	0.049	mg/l	SW846 8015B M
C43827-18A	**SB-6-W**					
TPH (C10-C28) [e]		0.366	0.098	0.025	mg/l	SW846 8015B M
TPH (> C28-C40) [e]		0.183 J	0.20	0.049	mg/l	SW846 8015B M

(a) No identifiable fuel pattern present; value primarily due to multiple discrete peaks in the Diesel range.
(b) Motor Oil pattern not present. Pattern resembles Hydraulic Oil, which varies by manufacturer, but typically extends from C14-C40 (overlaps both the Diesel and Motor Oil ranges).
(c) Sample vial contained more than 0.5cm of sediment.
(d) Presence of overlapping fuel patterns (resembles Motor Oil mixed with Hydraulic Oil).
(e) Hydraulic Oil pattern is possibly present. Hydraulic Oils vary by manufacturer; most show an unresolved area at C14-C40 with the apex between C20-C24 (overlaps both the Diesel and Motor Oil ranges).

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	SB-1-5		
Lab Sample ID:	C43827-1	**Date Sampled:**	01/25/16
Matrix:	SO - Soil	**Date Received:**	01/26/16
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M58358.D	1	01/27/16	XB	n/a	n/a	VM1752
Run #2							

	Initial Weight
Run #1	5.07 g
Run #2	

BTEX, Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	4.9	0.49	ug/kg	
108-88-3	Toluene	ND	4.9	0.49	ug/kg	
100-41-4	Ethylbenzene	ND	4.9	0.49	ug/kg	
1330-20-7	Xylene (total)	ND	9.9	0.99	ug/kg	
108-20-3	Di-Isopropyl ether	ND	4.9	0.49	ug/kg	
637-92-3	Ethyl tert-Butyl Ether	ND	4.9	0.49	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	4.9	0.99	ug/kg	
994-05-8	Tert-Amyl Methyl Ether	ND	4.9	0.49	ug/kg	
75-65-0	Tert Butyl Alcohol	ND	39	9.9	ug/kg	
	TPH-GRO (C6-C10)	ND	99	49	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		70-130%
2037-26-5	Toluene-D8	97%		70-130%
460-00-4	4-Bromofluorobenzene	87%		70-130%

(a) All results reported on a wet weight basis.

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:	SB-1-5		
Lab Sample ID:	C43827-1	**Date Sampled:**	01/25/16
Matrix:	SO - Soil	**Date Received:**	01/26/16
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	n/a [a]
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y34583.D	1	01/27/16	BJ	01/27/16	OP13799	EY1608
Run #2							

	Initial Weight	Final Volume
Run #1	30.2 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	170	72	ug/kg	
208-96-8	Acenaphthylene	ND	170	77	ug/kg	
120-12-7	Anthracene	ND	170	53	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	33	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	33	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	33	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	43	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	33	ug/kg	
218-01-9	Chrysene	ND	170	33	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	41	ug/kg	
206-44-0	Fluoranthene	ND	170	33	ug/kg	
86-73-7	Fluorene	ND	170	72	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	42	ug/kg	
90-12-0	1-Methylnaphthalene	ND	170	76	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	79	ug/kg	
91-20-3	Naphthalene	ND	170	76	ug/kg	
85-01-8	Phenanthrene	ND	170	58	ug/kg	
129-00-0	Pyrene	ND	170	33	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	66%		20-115%
321-60-8	2-Fluorobiphenyl	75%		31-123%
1718-51-0	Terphenyl-d14	93%		58-149%

(a) All results reported on a wet weight basis.

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:	SB-1-5		
Lab Sample ID:	C43827-1	**Date Sampled:**	01/25/16
Matrix:	SO - Soil	**Date Received:**	01/26/16
Method:	SW846 8015B M SW846 3550B	**Percent Solids:**	n/a [a]
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG64121.D	1	01/27/16	FL	01/26/16	OP13797	GGG1906
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (> C28-C40)	ND	6.6	1.7	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	113%		38-146%

(a) All results reported on a wet weight basis.

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:	SB-1-5		
Lab Sample ID:	C43827-1A	**Date Sampled:**	01/25/16
Matrix:	SO - Soil	**Date Received:**	01/26/16
Method:	SW846 8015B M SW846 3550B	**Percent Solids:**	n/a [a]
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG64239.D	1	01/29/16	FL	01/28/16	OP13803	GGG1908
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28) [b]	2.44	3.3	0.83	mg/kg	J
	TPH (> C28-C40)	ND	6.6	1.7	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	85%		38-146%

(a) All results reported on a wet weight basis.
(b) No identifiable fuel pattern present; value primarily due to multiple discrete peaks in the Diesel range.

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:	SB-1-10		
Lab Sample ID:	C43827-2	**Date Sampled:**	01/25/16
Matrix:	SO - Soil	**Date Received:**	01/26/16
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M58359.D	1	01/27/16	XB	n/a	n/a	VM1752
Run #2							

	Initial Weight
Run #1	5.12 g
Run #2	

BTEX, Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	4.9	0.49	ug/kg	
108-88-3	Toluene	ND	4.9	0.49	ug/kg	
100-41-4	Ethylbenzene	ND	4.9	0.49	ug/kg	
1330-20-7	Xylene (total)	ND	9.8	0.98	ug/kg	
108-20-3	Di-Isopropyl ether	ND	4.9	0.49	ug/kg	
637-92-3	Ethyl tert-Butyl Ether	ND	4.9	0.49	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	4.9	0.98	ug/kg	
994-05-8	Tert-Amyl Methyl Ether	ND	4.9	0.49	ug/kg	
75-65-0	Tert Butyl Alcohol	ND	39	9.8	ug/kg	
	TPH-GRO (C6-C10)	ND	98	49	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		70-130%
2037-26-5	Toluene-D8	98%		70-130%
460-00-4	4-Bromofluorobenzene	90%		70-130%

(a) All results reported on a wet weight basis.

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:	SB-1-10		
Lab Sample ID:	C43827-2	**Date Sampled:**	01/25/16
Matrix:	SO - Soil	**Date Received:**	01/26/16
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	n/a [a]
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y34584.D	1	01/27/16	BJ	01/27/16	OP13799	EY1608
Run #2							

	Initial Weight	Final Volume
Run #1	30.4 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	160	72	ug/kg	
208-96-8	Acenaphthylene	ND	160	77	ug/kg	
120-12-7	Anthracene	ND	160	53	ug/kg	
56-55-3	Benzo(a)anthracene	ND	160	33	ug/kg	
50-32-8	Benzo(a)pyrene	ND	160	33	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	160	33	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	160	43	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	160	33	ug/kg	
218-01-9	Chrysene	ND	160	33	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	160	41	ug/kg	
206-44-0	Fluoranthene	ND	160	33	ug/kg	
86-73-7	Fluorene	ND	160	71	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	160	42	ug/kg	
90-12-0	1-Methylnaphthalene	ND	160	75	ug/kg	
91-57-6	2-Methylnaphthalene	ND	160	79	ug/kg	
91-20-3	Naphthalene	ND	160	76	ug/kg	
85-01-8	Phenanthrene	ND	160	57	ug/kg	
129-00-0	Pyrene	ND	160	33	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	56%		20-115%
321-60-8	2-Fluorobiphenyl	66%		31-123%
1718-51-0	Terphenyl-d14	89%		58-149%

(a) All results reported on a wet weight basis.

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:	SB-1-10		
Lab Sample ID:	C43827-2	**Date Sampled:**	01/25/16
Matrix:	SO - Soil	**Date Received:**	01/26/16
Method:	SW846 8015B M SW846 3550B	**Percent Solids:**	n/a [a]
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG64123.D	1	01/27/16	FL	01/26/16	OP13797	GGG1906
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (> C28-C40)	ND	6.6	1.7	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	115%		38-146%

(a) All results reported on a wet weight basis.

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:	SB-1-10		
Lab Sample ID:	C43827-2A	**Date Sampled:**	01/25/16
Matrix:	SO - Soil	**Date Received:**	01/26/16
Method:	SW846 8015B M SW846 3550B	**Percent Solids:**	n/a [a]
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG64240.D	1	01/29/16	FL	01/28/16	OP13803	GGG1908
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28) [b]	3.34	3.3	0.83	mg/kg	
	TPH (> C28-C40)	ND	6.6	1.7	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	92%		38-146%

(a) All results reported on a wet weight basis.
(b) No identifiable fuel pattern present; value primarily due to multiple discrete peaks in the Diesel range.

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:	SB-1-W		
Lab Sample ID:	C43827-3	**Date Sampled:**	01/25/16
Matrix:	AQ - Ground Water	**Date Received:**	01/26/16
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	W59879.D	1	01/28/16	CV	n/a	n/a	VW2254
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

BTEX, Oxygenates

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	
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	98%		78-125%
2037-26-5	Toluene-D8	102%		86-114%
460-00-4	4-Bromofluorobenzene	101%		80-113%

(a) Sample vial contained more than 0.5cm of sediment.

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:	SB-1-W		
Lab Sample ID:	C43827-3	**Date Sampled:**	01/25/16
Matrix:	AQ - Ground Water	**Date Received:**	01/26/16
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y34572.D	1	01/27/16	BJ	01/26/16	OP13794	EY1608
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	5.0	1.3	ug/l	
208-96-8	Acenaphthylene	ND	5.0	1.2	ug/l	
120-12-7	Anthracene	ND	5.0	1.3	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	1.4	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	1.1	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	1.3	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	1.5	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	1.4	ug/l	
218-01-9	Chrysene	ND	5.0	1.6	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	1.3	ug/l	
206-44-0	Fluoranthene	ND	5.0	1.5	ug/l	
86-73-7	Fluorene	ND	5.0	1.5	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	1.4	ug/l	
90-12-0	1-Methylnaphthalene	ND	5.0	1.3	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.0	1.3	ug/l	
91-20-3	Naphthalene	ND	5.0	1.2	ug/l	
85-01-8	Phenanthrene	ND	5.0	1.3	ug/l	
129-00-0	Pyrene	ND	5.0	1.6	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	73%		24-120%
321-60-8	2-Fluorobiphenyl	66%		28-128%
1718-51-0	Terphenyl-d14	65%		54-147%

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:	SB-1-W		
Lab Sample ID:	C43827-3	**Date Sampled:**	01/25/16
Matrix:	AQ - Ground Water	**Date Received:**	01/26/16
Method:	SW846 8015B M SW846 3510C	**Percent Solids:**	n/a
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG64143.D	1	01/27/16	FL	01/27/16	OP13798	GGG1906
Run #2							

	Initial Volume	Final Volume
Run #1	1020 ml	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (> C28-C40) [a]	0.222	0.20	0.049	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	86%		40-134%

(a) Motor Oil pattern not present. Pattern resembles Hydraulic Oil, which varies by manufacturer, but typically extends from C14-C40 (overlaps both the Diesel and Motor Oil ranges).

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:	SB-1-W		
Lab Sample ID:	C43827-3A	**Date Sampled:**	01/25/16
Matrix:	AQ - Ground Water	**Date Received:**	01/26/16
Method:	SW846 8015B M SW846 3510C	**Percent Solids:**	n/a
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG64230.D	1	01/29/16	FL	01/28/16	OP13809	GGG1908
Run #2							

	Initial Volume	Final Volume
Run #1	1020 ml	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28) [a]	0.0404	0.098	0.025	mg/l	J
	TPH (> C28-C40)	ND	0.20	0.049	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	76%		40-134%

(a) No identifiable fuel pattern present; value primarily due to multiple discrete peaks in the Diesel range.

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:	SB-2-5		
Lab Sample ID:	C43827-4	**Date Sampled:**	01/25/16
Matrix:	SO - Soil	**Date Received:**	01/26/16
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M58360.D	1	01/27/16	XB	n/a	n/a	VM1752
Run #2							

	Initial Weight
Run #1	5.18 g
Run #2	

BTEX, Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	4.8	0.48	ug/kg	
108-88-3	Toluene	ND	4.8	0.48	ug/kg	
100-41-4	Ethylbenzene	ND	4.8	0.48	ug/kg	
1330-20-7	Xylene (total)	ND	9.7	0.97	ug/kg	
108-20-3	Di-Isopropyl ether	ND	4.8	0.48	ug/kg	
637-92-3	Ethyl tert-Butyl Ether	ND	4.8	0.48	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	4.8	0.97	ug/kg	
994-05-8	Tert-Amyl Methyl Ether	ND	4.8	0.48	ug/kg	
75-65-0	Tert Butyl Alcohol	ND	39	9.7	ug/kg	
	TPH-GRO (C6-C10)	ND	97	48	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		70-130%
2037-26-5	Toluene-D8	97%		70-130%
460-00-4	4-Bromofluorobenzene	88%		70-130%

(a) All results reported on a wet weight basis.

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:	SB-2-5		
Lab Sample ID:	C43827-4	**Date Sampled:**	01/25/16
Matrix:	SO - Soil	**Date Received:**	01/26/16
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	n/a [a]
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y34585.D	1	01/27/16	BJ	01/27/16	OP13799	EY1608
Run #2							

	Initial Weight	Final Volume
Run #1	30.0 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	170	73	ug/kg	
208-96-8	Acenaphthylene	ND	170	78	ug/kg	
120-12-7	Anthracene	ND	170	54	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	33	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	33	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	33	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	43	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	33	ug/kg	
218-01-9	Chrysene	ND	170	33	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	41	ug/kg	
206-44-0	Fluoranthene	ND	170	33	ug/kg	
86-73-7	Fluorene	ND	170	72	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	43	ug/kg	
90-12-0	1-Methylnaphthalene	ND	170	76	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	80	ug/kg	
91-20-3	Naphthalene	ND	170	77	ug/kg	
85-01-8	Phenanthrene	ND	170	58	ug/kg	
129-00-0	Pyrene	ND	170	33	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	67%		20-115%
321-60-8	2-Fluorobiphenyl	74%		31-123%
1718-51-0	Terphenyl-d14	91%		58-149%

(a) All results reported on a wet weight basis.

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:	SB-2-5		
Lab Sample ID:	C43827-4	**Date Sampled:**	01/25/16
Matrix:	SO - Soil	**Date Received:**	01/26/16
Method:	SW846 8015B M SW846 3550B	**Percent Solids:**	n/a [a]
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG64128.D	1	01/27/16	FL	01/26/16	OP13797	GGG1906
Run #2							

	Initial Weight	Final Volume
Run #1	30.0 g	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (> C28-C40)	ND	6.7	1.7	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	115%		38-146%

(a) All results reported on a wet weight basis.

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:	SB-2-5		
Lab Sample ID:	C43827-4A	**Date Sampled:**	01/25/16
Matrix:	SO - Soil	**Date Received:**	01/26/16
Method:	SW846 8015B M SW846 3550B	**Percent Solids:**	n/a [a]
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG64257.D	1	01/29/16	FL	01/28/16	OP13803	GGG1908
Run #2							

	Initial Weight	Final Volume
Run #1	30.0 g	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28) [b]	2.66	3.3	0.83	mg/kg	J
	TPH (> C28-C40)	ND	6.7	1.7	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	88%		38-146%

(a) All results reported on a wet weight basis.
(b) No identifiable fuel pattern present; value primarily due to multiple discrete peaks in the Diesel range.

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:	SB-2-10		
Lab Sample ID:	C43827-5	**Date Sampled:**	01/25/16
Matrix:	SO - Soil	**Date Received:**	01/26/16
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M58361.D	1	01/27/16	XB	n/a	n/a	VM1752
Run #2							

	Initial Weight
Run #1	5.15 g
Run #2	

BTEX, Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	4.9	0.49	ug/kg	
108-88-3	Toluene	ND	4.9	0.49	ug/kg	
100-41-4	Ethylbenzene	ND	4.9	0.49	ug/kg	
1330-20-7	Xylene (total)	ND	9.7	0.97	ug/kg	
108-20-3	Di-Isopropyl ether	ND	4.9	0.49	ug/kg	
637-92-3	Ethyl tert-Butyl Ether	ND	4.9	0.49	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	4.9	0.97	ug/kg	
994-05-8	Tert-Amyl Methyl Ether	ND	4.9	0.49	ug/kg	
75-65-0	Tert Butyl Alcohol	ND	39	9.7	ug/kg	
	TPH-GRO (C6-C10)	ND	97	49	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		70-130%
2037-26-5	Toluene-D8	99%		70-130%
460-00-4	4-Bromofluorobenzene	91%		70-130%

(a) All results reported on a wet weight basis.

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:	SB-2-10		
Lab Sample ID:	C43827-5	**Date Sampled:**	01/25/16
Matrix:	SO - Soil	**Date Received:**	01/26/16
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	n/a [a]
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y34586.D	1	01/28/16	BJ	01/27/16	OP13799	EY1608
Run #2							

	Initial Weight	Final Volume
Run #1	30.0 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	170	73	ug/kg	
208-96-8	Acenaphthylene	ND	170	78	ug/kg	
120-12-7	Anthracene	ND	170	54	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	33	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	33	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	33	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	43	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	33	ug/kg	
218-01-9	Chrysene	ND	170	33	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	41	ug/kg	
206-44-0	Fluoranthene	ND	170	33	ug/kg	
86-73-7	Fluorene	ND	170	72	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	43	ug/kg	
90-12-0	1-Methylnaphthalene	ND	170	76	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	80	ug/kg	
91-20-3	Naphthalene	ND	170	77	ug/kg	
85-01-8	Phenanthrene	ND	170	58	ug/kg	
129-00-0	Pyrene	ND	170	33	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	59%		20-115%
321-60-8	2-Fluorobiphenyl	65%		31-123%
1718-51-0	Terphenyl-d14	91%		58-149%

(a) All results reported on a wet weight basis.

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:	SB-2-10		
Lab Sample ID:	C43827-5	**Date Sampled:**	01/25/16
Matrix:	SO - Soil	**Date Received:**	01/26/16
Method:	SW846 8015B M SW846 3550B	**Percent Solids:**	n/a [a]
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG64129.D	1	01/27/16	FL	01/26/16	OP13797	GGG1906
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (> C28-C40)	ND	6.7	1.7	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	113%		38-146%

(a) All results reported on a wet weight basis.

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:	SB-2-10		
Lab Sample ID:	C43827-5A	**Date Sampled:**	01/25/16
Matrix:	SO - Soil	**Date Received:**	01/26/16
Method:	SW846 8015B M SW846 3550B	**Percent Solids:**	n/a [a]
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG64242.D	1	01/29/16	FL	01/28/16	OP13803	GGG1908
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28) [b]	2.56	3.3	0.83	mg/kg	J
	TPH (> C28-C40)	ND	6.7	1.7	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	92%		38-146%

(a) All results reported on a wet weight basis.
(b) No identifiable fuel pattern present; value primarily due to multiple discrete peaks in the Diesel range.

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:	SB-2-W		
Lab Sample ID:	C43827-6	**Date Sampled:**	01/25/16
Matrix:	AQ - Ground Water	**Date Received:**	01/26/16
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	W59880.D	1	01/28/16	CV	n/a	n/a	VW2254
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

BTEX, Oxygenates

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	
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	98%		78-125%
2037-26-5	Toluene-D8	103%		86-114%
460-00-4	4-Bromofluorobenzene	102%		80-113%

(a) Sample vial contained more than 0.5cm of sediment.

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:	SB-2-W		
Lab Sample ID:	C43827-6	**Date Sampled:**	01/25/16
Matrix:	AQ - Ground Water	**Date Received:**	01/26/16
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y34573.D	1	01/27/16	BJ	01/26/16	OP13794	EY1608
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	5.0	1.3	ug/l	
208-96-8	Acenaphthylene	ND	5.0	1.2	ug/l	
120-12-7	Anthracene	ND	5.0	1.3	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	1.4	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	1.1	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	1.3	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	1.5	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	1.4	ug/l	
218-01-9	Chrysene	ND	5.0	1.6	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	1.3	ug/l	
206-44-0	Fluoranthene	ND	5.0	1.5	ug/l	
86-73-7	Fluorene	ND	5.0	1.5	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	1.4	ug/l	
90-12-0	1-Methylnaphthalene	ND	5.0	1.3	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.0	1.3	ug/l	
91-20-3	Naphthalene	ND	5.0	1.2	ug/l	
85-01-8	Phenanthrene	ND	5.0	1.3	ug/l	
129-00-0	Pyrene	ND	5.0	1.6	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	75%		24-120%
321-60-8	2-Fluorobiphenyl	71%		28-128%
1718-51-0	Terphenyl-d14	74%		54-147%

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:	SB-2-W		
Lab Sample ID:	C43827-6	**Date Sampled:**	01/25/16
Matrix:	AQ - Ground Water	**Date Received:**	01/26/16
Method:	SW846 8015B M SW846 3510C	**Percent Solids:**	n/a
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG64144.D	1	01/27/16	FL	01/27/16	OP13798	GGG1906
Run #2							

	Initial Volume	Final Volume
Run #1	1030 ml	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (> C28-C40) [a]	0.323	0.19	0.049	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	86%		40-134%

(a) Motor Oil pattern not present. Pattern resembles Hydraulic Oil, which varies by manufacturer, but typically extends from C14-C40 (overlaps both the Diesel and Motor Oil ranges).

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:	SB-2-W		
Lab Sample ID:	C43827-6A	**Date Sampled:**	01/25/16
Matrix:	AQ - Ground Water	**Date Received:**	01/26/16
Method:	SW846 8015B M SW846 3510C	**Percent Solids:**	n/a
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG64231.D	1	01/29/16	FL	01/28/16	OP13809	GGG1908
Run #2							

	Initial Volume	Final Volume
Run #1	1030 ml	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28) [a]	0.0522	0.097	0.024	mg/l	J
	TPH (> C28-C40)	ND	0.19	0.049	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	77%		40-134%

(a) No identifiable fuel pattern present; value primarily due to multiple discrete peaks in the Diesel range.

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:	SB-3-5		
Lab Sample ID:	C43827-7	**Date Sampled:**	01/25/16
Matrix:	SO - Soil	**Date Received:**	01/26/16
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M58362.D	1	01/27/16	XB	n/a	n/a	VM1752
Run #2							

	Initial Weight
Run #1	5.24 g
Run #2	

BTEX, Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	4.8	0.48	ug/kg	
108-88-3	Toluene	ND	4.8	0.48	ug/kg	
100-41-4	Ethylbenzene	ND	4.8	0.48	ug/kg	
1330-20-7	Xylene (total)	ND	9.5	0.95	ug/kg	
108-20-3	Di-Isopropyl ether	ND	4.8	0.48	ug/kg	
637-92-3	Ethyl tert-Butyl Ether	ND	4.8	0.48	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	4.8	0.95	ug/kg	
994-05-8	Tert-Amyl Methyl Ether	ND	4.8	0.48	ug/kg	
75-65-0	Tert Butyl Alcohol	ND	38	9.5	ug/kg	
	TPH-GRO (C6-C10)	ND	95	48	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		70-130%
2037-26-5	Toluene-D8	100%		70-130%
460-00-4	4-Bromofluorobenzene	89%		70-130%

(a) All results reported on a wet weight basis.

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:	SB-3-5		
Lab Sample ID:	C43827-7	**Date Sampled:**	01/25/16
Matrix:	SO - Soil	**Date Received:**	01/26/16
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	n/a [a]
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y34587.D	1	01/28/16	BJ	01/27/16	OP13799	EY1608
Run #2							

	Initial Weight	Final Volume
Run #1	30.2 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	170	73	ug/kg	
208-96-8	Acenaphthylene	ND	170	78	ug/kg	
120-12-7	Anthracene	ND	170	53	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	33	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	33	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	33	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	43	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	33	ug/kg	
218-01-9	Chrysene	ND	170	33	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	41	ug/kg	
206-44-0	Fluoranthene	ND	170	33	ug/kg	
86-73-7	Fluorene	ND	170	72	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	42	ug/kg	
90-12-0	1-Methylnaphthalene	ND	170	76	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	79	ug/kg	
91-20-3	Naphthalene	ND	170	77	ug/kg	
85-01-8	Phenanthrene	ND	170	58	ug/kg	
129-00-0	Pyrene	ND	170	33	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	67%		20-115%
321-60-8	2-Fluorobiphenyl	74%		31-123%
1718-51-0	Terphenyl-d14	97%		58-149%

(a) All results reported on a wet weight basis.

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:	SB-3-5		
Lab Sample ID:	C43827-7	**Date Sampled:**	01/25/16
Matrix:	SO - Soil	**Date Received:**	01/26/16
Method:	SW846 8015B M SW846 3550B	**Percent Solids:**	n/a [a]
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG64130.D	1	01/27/16	FL	01/26/16	OP13797	GGG1906
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (> C28-C40)	ND	6.7	1.7	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	116%		38-146%

(a) All results reported on a wet weight basis.

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:	SB-3-5		
Lab Sample ID:	C43827-7A	**Date Sampled:**	01/25/16
Matrix:	SO - Soil	**Date Received:**	01/26/16
Method:	SW846 8015B M SW846 3550B	**Percent Solids:**	n/a [a]
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG64243.D	1	01/29/16	FL	01/28/16	OP13803	GGG1908
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28) [b]	1.47	3.3	0.83	mg/kg	J
	TPH (> C28-C40)	ND	6.7	1.7	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	89%		38-146%

(a) All results reported on a wet weight basis.
(b) No identifiable fuel pattern present; value primarily due to multiple discrete peaks in the Diesel range.

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:	SB-3-10		
Lab Sample ID:	C43827-8	**Date Sampled:**	01/25/16
Matrix:	SO - Soil	**Date Received:**	01/26/16
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M58363.D	1	01/27/16	XB	n/a	n/a	VM1752
Run #2							

	Initial Weight
Run #1	5.07 g
Run #2	

BTEX, Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	4.9	0.49	ug/kg	
108-88-3	Toluene	ND	4.9	0.49	ug/kg	
100-41-4	Ethylbenzene	ND	4.9	0.49	ug/kg	
1330-20-7	Xylene (total)	ND	9.9	0.99	ug/kg	
108-20-3	Di-Isopropyl ether	ND	4.9	0.49	ug/kg	
637-92-3	Ethyl tert-Butyl Ether	ND	4.9	0.49	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	4.9	0.99	ug/kg	
994-05-8	Tert-Amyl Methyl Ether	ND	4.9	0.49	ug/kg	
75-65-0	Tert Butyl Alcohol	ND	39	9.9	ug/kg	
	TPH-GRO (C6-C10)	ND	99	49	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		70-130%
2037-26-5	Toluene-D8	97%		70-130%
460-00-4	4-Bromofluorobenzene	88%		70-130%

(a) All results reported on a wet weight basis.

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:	SB-3-10		
Lab Sample ID:	C43827-8	**Date Sampled:**	01/25/16
Matrix:	SO - Soil	**Date Received:**	01/26/16
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	n/a [a]
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y34588.D	1	01/28/16	BJ	01/27/16	OP13799	EY1608
Run #2							

	Initial Weight	Final Volume
Run #1	30.6 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	160	72	ug/kg	
208-96-8	Acenaphthylene	ND	160	76	ug/kg	
120-12-7	Anthracene	ND	160	53	ug/kg	
56-55-3	Benzo(a)anthracene	ND	160	33	ug/kg	
50-32-8	Benzo(a)pyrene	ND	160	33	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	160	33	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	160	42	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	160	33	ug/kg	
218-01-9	Chrysene	ND	160	33	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	160	41	ug/kg	
206-44-0	Fluoranthene	ND	160	33	ug/kg	
86-73-7	Fluorene	ND	160	71	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	160	42	ug/kg	
90-12-0	1-Methylnaphthalene	ND	160	75	ug/kg	
91-57-6	2-Methylnaphthalene	ND	160	78	ug/kg	
91-20-3	Naphthalene	ND	160	75	ug/kg	
85-01-8	Phenanthrene	ND	160	57	ug/kg	
129-00-0	Pyrene	ND	160	33	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	43%		20-115%
321-60-8	2-Fluorobiphenyl	49%		31-123%
1718-51-0	Terphenyl-d14	86%		58-149%

(a) All results reported on a wet weight basis.

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:	SB-3-10		
Lab Sample ID:	C43827-8	**Date Sampled:**	01/25/16
Matrix:	SO - Soil	**Date Received:**	01/26/16
Method:	SW846 8015B M SW846 3550B	**Percent Solids:**	n/a [a]
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG64131.D	1	01/27/16	FL	01/26/16	OP13797	GGG1906
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (> C28-C40)	ND	6.6	1.7	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	119%		38-146%

(a) All results reported on a wet weight basis.

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:	SB-3-10		
Lab Sample ID:	C43827-8A	**Date Sampled:**	01/25/16
Matrix:	SO - Soil	**Date Received:**	01/26/16
Method:	SW846 8015B M SW846 3550B	**Percent Solids:**	n/a [a]
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG64244.D	1	01/29/16	FL	01/28/16	OP13803	GGG1908
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28) [b]	1.99	3.3	0.83	mg/kg	J
	TPH (> C28-C40)	ND	6.6	1.7	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	93%		38-146%

(a) All results reported on a wet weight basis.
(b) No identifiable fuel pattern present; value primarily due to multiple discrete peaks in the Diesel range.

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:	SB-3-W		
Lab Sample ID:	C43827-9	**Date Sampled:**	01/25/16
Matrix:	AQ - Ground Water	**Date Received:**	01/26/16
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	W59881.D	1	01/28/16	CV	n/a	n/a	VW2254
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

BTEX, Oxygenates

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	
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	99%		78-125%
2037-26-5	Toluene-D8	103%		86-114%
460-00-4	4-Bromofluorobenzene	102%		80-113%

(a) Sample vial contained more than 0.5cm of sediment.

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:	SB-3-W		
Lab Sample ID:	C43827-9	**Date Sampled:**	01/25/16
Matrix:	AQ - Ground Water	**Date Received:**	01/26/16
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y34574.D	1	01/27/16	BJ	01/26/16	OP13794	EY1608
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	5.0	1.3	ug/l	
208-96-8	Acenaphthylene	ND	5.0	1.2	ug/l	
120-12-7	Anthracene	ND	5.0	1.3	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	1.4	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	1.1	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	1.3	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	1.5	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	1.4	ug/l	
218-01-9	Chrysene	ND	5.0	1.6	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	1.3	ug/l	
206-44-0	Fluoranthene	ND	5.0	1.5	ug/l	
86-73-7	Fluorene	ND	5.0	1.5	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	1.4	ug/l	
90-12-0	1-Methylnaphthalene	ND	5.0	1.3	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.0	1.3	ug/l	
91-20-3	Naphthalene	ND	5.0	1.2	ug/l	
85-01-8	Phenanthrene	ND	5.0	1.3	ug/l	
129-00-0	Pyrene	ND	5.0	1.6	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	82%		24-120%
321-60-8	2-Fluorobiphenyl	83%		28-128%
1718-51-0	Terphenyl-d14	89%		54-147%

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:	SB-3-W		
Lab Sample ID:	C43827-9	**Date Sampled:**	01/25/16
Matrix:	AQ - Ground Water	**Date Received:**	01/26/16
Method:	SW846 8015B M SW846 3510C	**Percent Solids:**	n/a
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG64145.D	1	01/28/16	FL	01/27/16	OP13798	GGG1906
Run #2							

	Initial Volume	Final Volume
Run #1	1030 ml	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (> C28-C40)	ND	0.19	0.049	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	93%		40-134%

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:	SB-3-W		
Lab Sample ID:	C43827-9A	**Date Sampled:**	01/25/16
Matrix:	AQ - Ground Water	**Date Received:**	01/26/16
Method:	SW846 8015B M SW846 3510C	**Percent Solids:**	n/a
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG64232.D	1	01/29/16	FL	01/28/16	OP13809	GGG1908
Run #2							

	Initial Volume	Final Volume
Run #1	1030 ml	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28) [a]	0.0390	0.097	0.024	mg/l	J
	TPH (> C28-C40)	ND	0.19	0.049	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	77%		40-134%

(a) No identifiable fuel pattern present; value primarily due to multiple discrete peaks in the Diesel range.

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:	SB-4-5		
Lab Sample ID:	C43827-10	**Date Sampled:**	01/25/16
Matrix:	SO - Soil	**Date Received:**	01/26/16
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L47199.D	1	01/27/16	JT	n/a	n/a	VL1415
Run #2							

	Initial Weight
Run #1	5.09 g
Run #2	

BTEX, Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	4.9	0.49	ug/kg	
108-88-3	Toluene	ND	4.9	0.49	ug/kg	
100-41-4	Ethylbenzene	ND	4.9	0.49	ug/kg	
1330-20-7	Xylene (total)	ND	9.8	0.98	ug/kg	
108-20-3	Di-Isopropyl ether	ND	4.9	0.49	ug/kg	
637-92-3	Ethyl tert-Butyl Ether	ND	4.9	0.49	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	4.9	0.98	ug/kg	
994-05-8	Tert-Amyl Methyl Ether	ND	4.9	0.49	ug/kg	
75-65-0	Tert Butyl Alcohol	ND	39	9.8	ug/kg	
	TPH-GRO (C6-C10)	ND	98	49	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		70-130%
2037-26-5	Toluene-D8	87%		70-130%
460-00-4	4-Bromofluorobenzene	98%		70-130%

(a) All results reported on a wet weight basis.

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:	SB-4-5		
Lab Sample ID:	C43827-10	**Date Sampled:**	01/25/16
Matrix:	SO - Soil	**Date Received:**	01/26/16
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	n/a [a]
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y34589.D	1	01/28/16	BJ	01/27/16	OP13799	EY1608
Run #2							

	Initial Weight	Final Volume
Run #1	30.4 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	160	72	ug/kg	
208-96-8	Acenaphthylene	ND	160	77	ug/kg	
120-12-7	Anthracene	ND	160	53	ug/kg	
56-55-3	Benzo(a)anthracene	ND	160	33	ug/kg	
50-32-8	Benzo(a)pyrene	ND	160	33	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	160	33	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	160	43	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	160	33	ug/kg	
218-01-9	Chrysene	ND	160	33	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	160	41	ug/kg	
206-44-0	Fluoranthene	ND	160	33	ug/kg	
86-73-7	Fluorene	ND	160	71	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	160	42	ug/kg	
90-12-0	1-Methylnaphthalene	ND	160	75	ug/kg	
91-57-6	2-Methylnaphthalene	ND	160	79	ug/kg	
91-20-3	Naphthalene	ND	160	76	ug/kg	
85-01-8	Phenanthrene	ND	160	57	ug/kg	
129-00-0	Pyrene	ND	160	33	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	64%		20-115%
321-60-8	2-Fluorobiphenyl	73%		31-123%
1718-51-0	Terphenyl-d14	90%		58-149%

(a) All results reported on a wet weight basis.

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:	SB-4-5		
Lab Sample ID:	C43827-10	**Date Sampled:**	01/25/16
Matrix:	SO - Soil	**Date Received:**	01/26/16
Method:	SW846 8015B M SW846 3550B	**Percent Solids:**	n/a [a]
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG64132.D	1	01/27/16	FL	01/26/16	OP13797	GGG1906
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (> C28-C40)	ND	6.6	1.7	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	113%		38-146%

(a) All results reported on a wet weight basis.

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:	SB-4-5		
Lab Sample ID:	C43827-10A	**Date Sampled:**	01/25/16
Matrix:	SO - Soil	**Date Received:**	01/26/16
Method:	SW846 8015B M SW846 3550B	**Percent Solids:**	n/a [a]
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG64245.D	1	01/29/16	FL	01/28/16	OP13803	GGG1908
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28) [b]	2.60	3.3	0.83	mg/kg	J
	TPH (> C28-C40)	ND	6.6	1.7	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	82%		38-146%

(a) All results reported on a wet weight basis.
(b) No identifiable fuel pattern present; value primarily due to multiple discrete peaks in the Diesel range.

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:	SB-4-10		
Lab Sample ID:	C43827-11	**Date Sampled:**	01/25/16
Matrix:	SO - Soil	**Date Received:**	01/26/16
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L47203.D	1	01/27/16	JT	n/a	n/a	VL1415
Run #2							

	Initial Weight
Run #1	5.15 g
Run #2	

BTEX, Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	4.9	0.49	ug/kg	
108-88-3	Toluene	ND	4.9	0.49	ug/kg	
100-41-4	Ethylbenzene	ND	4.9	0.49	ug/kg	
1330-20-7	Xylene (total)	ND	9.7	0.97	ug/kg	
108-20-3	Di-Isopropyl ether	ND	4.9	0.49	ug/kg	
637-92-3	Ethyl tert-Butyl Ether	ND	4.9	0.49	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	4.9	0.97	ug/kg	
994-05-8	Tert-Amyl Methyl Ether	ND	4.9	0.49	ug/kg	
75-65-0	Tert Butyl Alcohol	ND	39	9.7	ug/kg	
	TPH-GRO (C6-C10)	ND	97	49	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		70-130%
2037-26-5	Toluene-D8	87%		70-130%
460-00-4	4-Bromofluorobenzene	99%		70-130%

(a) All results reported on a wet weight basis.

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:	SB-4-10		
Lab Sample ID:	C43827-11	**Date Sampled:**	01/25/16
Matrix:	SO - Soil	**Date Received:**	01/26/16
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	n/a [a]
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y34598.D	1	01/28/16	BJ	01/27/16	OP13799	EY1609
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	170	72	ug/kg	
208-96-8	Acenaphthylene	ND	170	77	ug/kg	
120-12-7	Anthracene	ND	170	53	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	33	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	33	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	33	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	43	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	33	ug/kg	
218-01-9	Chrysene	ND	170	33	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	41	ug/kg	
206-44-0	Fluoranthene	ND	170	33	ug/kg	
86-73-7	Fluorene	ND	170	72	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	42	ug/kg	
90-12-0	1-Methylnaphthalene	ND	170	76	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	79	ug/kg	
91-20-3	Naphthalene	ND	170	76	ug/kg	
85-01-8	Phenanthrene	ND	170	58	ug/kg	
129-00-0	Pyrene	ND	170	33	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	56%		20-115%
321-60-8	2-Fluorobiphenyl	64%		31-123%
1718-51-0	Terphenyl-d14	92%		58-149%

(a) All results reported on a wet weight basis.

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:	SB-4-10		
Lab Sample ID:	C43827-11	**Date Sampled:**	01/25/16
Matrix:	SO - Soil	**Date Received:**	01/26/16
Method:	SW846 8015B M SW846 3550B	**Percent Solids:**	n/a [a]
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG64133.D	1	01/27/16	FL	01/26/16	OP13797	GGG1906
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (> C28-C40)	ND	6.6	1.7	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	112%		38-146%

(a) All results reported on a wet weight basis.

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:	SB-4-10		
Lab Sample ID:	C43827-11A	**Date Sampled:**	01/25/16
Matrix:	SO - Soil	**Date Received:**	01/26/16
Method:	SW846 8015B M SW846 3550B	**Percent Solids:**	n/a [a]
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG64246.D	1	01/29/16	FL	01/28/16	OP13803	GGG1908
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28) [b]	1.65	3.3	0.83	mg/kg	J
	TPH (> C28-C40)	ND	6.6	1.7	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	84%		38-146%

(a) All results reported on a wet weight basis.
(b) No identifiable fuel pattern present; value primarily due to multiple discrete peaks in the Diesel range.

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:	SB-4-W		
Lab Sample ID:	C43827-12	**Date Sampled:**	01/25/16
Matrix:	AQ - Ground Water	**Date Received:**	01/26/16
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	W59882.D	1	01/28/16	CV	n/a	n/a	VW2254
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

BTEX, Oxygenates

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	
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	99%		78-125%
2037-26-5	Toluene-D8	105%		86-114%
460-00-4	4-Bromofluorobenzene	103%		80-113%

(a) Sample vial contained more than 0.5cm of sediment.

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:	SB-4-W		
Lab Sample ID:	C43827-12	**Date Sampled:**	01/25/16
Matrix:	AQ - Ground Water	**Date Received:**	01/26/16
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y34575.D	1	01/27/16	BJ	01/26/16	OP13794	EY1608
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	5.0	1.3	ug/l	
208-96-8	Acenaphthylene	ND	5.0	1.2	ug/l	
120-12-7	Anthracene	ND	5.0	1.3	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	1.4	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	1.1	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	1.3	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	1.5	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	1.4	ug/l	
218-01-9	Chrysene	ND	5.0	1.6	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	1.3	ug/l	
206-44-0	Fluoranthene	ND	5.0	1.5	ug/l	
86-73-7	Fluorene	ND	5.0	1.5	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	1.4	ug/l	
90-12-0	1-Methylnaphthalene	ND	5.0	1.3	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.0	1.3	ug/l	
91-20-3	Naphthalene	ND	5.0	1.2	ug/l	
85-01-8	Phenanthrene	ND	5.0	1.3	ug/l	
129-00-0	Pyrene	ND	5.0	1.6	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	80%		24-120%
321-60-8	2-Fluorobiphenyl	83%		28-128%
1718-51-0	Terphenyl-d14	87%		54-147%

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:	SB-4-W		
Lab Sample ID:	C43827-12	**Date Sampled:**	01/25/16
Matrix:	AQ - Ground Water	**Date Received:**	01/26/16
Method:	SW846 8015B M SW846 3510C	**Percent Solids:**	n/a
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG64146.D	1	01/28/16	FL	01/27/16	OP13798	GGG1906
Run #2							

	Initial Volume	Final Volume
Run #1	1020 ml	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (> C28-C40)	ND	0.20	0.049	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	92%		40-134%

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:	SB-4-W		
Lab Sample ID:	C43827-12A	**Date Sampled:**	01/25/16
Matrix:	AQ - Ground Water	**Date Received:**	01/26/16
Method:	SW846 8015B M SW846 3510C	**Percent Solids:**	n/a
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG64233.D	1	01/29/16	FL	01/28/16	OP13809	GGG1908
Run #2							

	Initial Volume	Final Volume
Run #1	1020 ml	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28) [a]	0.0299	0.098	0.025	mg/l	J
	TPH (> C28-C40)	ND	0.20	0.049	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	77%		40-134%

(a) No identifiable fuel pattern present; value primarily due to multiple discrete peaks in the Diesel range.

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:	SB-5-5		
Lab Sample ID:	C43827-13	**Date Sampled:**	01/25/16
Matrix:	SO - Soil	**Date Received:**	01/26/16
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L47204.D	1	01/27/16	JT	n/a	n/a	VL1415
Run #2							

	Initial Weight
Run #1	5.16 g
Run #2	

BTEX, Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	4.8	0.48	ug/kg	
108-88-3	Toluene	ND	4.8	0.48	ug/kg	
100-41-4	Ethylbenzene	ND	4.8	0.48	ug/kg	
1330-20-7	Xylene (total)	ND	9.7	0.97	ug/kg	
108-20-3	Di-Isopropyl ether	ND	4.8	0.48	ug/kg	
637-92-3	Ethyl tert-Butyl Ether	ND	4.8	0.48	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	4.8	0.97	ug/kg	
994-05-8	Tert-Amyl Methyl Ether	ND	4.8	0.48	ug/kg	
75-65-0	Tert Butyl Alcohol	ND	39	9.7	ug/kg	
	TPH-GRO (C6-C10)	ND	97	48	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		70-130%
2037-26-5	Toluene-D8	89%		70-130%
460-00-4	4-Bromofluorobenzene	99%		70-130%

(a) All results reported on a wet weight basis.

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:	SB-5-5		
Lab Sample ID:	C43827-13	**Date Sampled:**	01/25/16
Matrix:	SO - Soil	**Date Received:**	01/26/16
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	n/a [a]
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y34599.D	1	01/28/16	BJ	01/27/16	OP13799	EY1609
Run #2							

	Initial Weight	Final Volume
Run #1	30.7 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	160	71	ug/kg	
208-96-8	Acenaphthylene	ND	160	76	ug/kg	
120-12-7	Anthracene	ND	160	52	ug/kg	
56-55-3	Benzo(a)anthracene	ND	160	33	ug/kg	
50-32-8	Benzo(a)pyrene	ND	160	33	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	160	33	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	160	42	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	160	33	ug/kg	
218-01-9	Chrysene	ND	160	33	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	160	40	ug/kg	
206-44-0	Fluoranthene	ND	160	33	ug/kg	
86-73-7	Fluorene	ND	160	71	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	160	42	ug/kg	
90-12-0	1-Methylnaphthalene	ND	160	75	ug/kg	
91-57-6	2-Methylnaphthalene	ND	160	78	ug/kg	
91-20-3	Naphthalene	ND	160	75	ug/kg	
85-01-8	Phenanthrene	ND	160	57	ug/kg	
129-00-0	Pyrene	ND	160	33	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	50%		20-115%
321-60-8	2-Fluorobiphenyl	57%		31-123%
1718-51-0	Terphenyl-d14	92%		58-149%

(a) All results reported on a wet weight basis.

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:	SB-5-5		
Lab Sample ID:	C43827-13	**Date Sampled:**	01/25/16
Matrix:	SO - Soil	**Date Received:**	01/26/16
Method:	SW846 8015B M SW846 3550B	**Percent Solids:**	n/a [a]
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG64134.D	1	01/27/16	FL	01/26/16	OP13797	GGG1906
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (> C28-C40)	ND	6.7	1.7	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	116%		38-146%

(a) All results reported on a wet weight basis.

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:	SB-5-5		
Lab Sample ID:	C43827-13A	**Date Sampled:**	01/25/16
Matrix:	SO - Soil	**Date Received:**	01/26/16
Method:	SW846 8015B M SW846 3550B	**Percent Solids:**	n/a [a]
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG64247.D	1	01/29/16	FL	01/28/16	OP13803	GGG1908
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28) [b]	1.79	3.3	0.83	mg/kg	J
	TPH (> C28-C40)	ND	6.7	1.7	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	88%		38-146%

(a) All results reported on a wet weight basis.
(b) No identifiable fuel pattern present; value primarily due to multiple discrete peaks in the Diesel range.

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:	SB-5-10		
Lab Sample ID:	C43827-14	**Date Sampled:**	01/25/16
Matrix:	SO - Soil	**Date Received:**	01/26/16
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L47205.D	1	01/27/16	JT	n/a	n/a	VL1415
Run #2							

	Initial Weight
Run #1	5.10 g
Run #2	

BTEX, Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	4.9	0.49	ug/kg	
108-88-3	Toluene	ND	4.9	0.49	ug/kg	
100-41-4	Ethylbenzene	ND	4.9	0.49	ug/kg	
1330-20-7	Xylene (total)	ND	9.8	0.98	ug/kg	
108-20-3	Di-Isopropyl ether	ND	4.9	0.49	ug/kg	
637-92-3	Ethyl tert-Butyl Ether	ND	4.9	0.49	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	4.9	0.98	ug/kg	
994-05-8	Tert-Amyl Methyl Ether	ND	4.9	0.49	ug/kg	
75-65-0	Tert Butyl Alcohol	ND	39	9.8	ug/kg	
	TPH-GRO (C6-C10)	ND	98	49	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		70-130%
2037-26-5	Toluene-D8	88%		70-130%
460-00-4	4-Bromofluorobenzene	99%		70-130%

(a) All results reported on a wet weight basis.

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:	SB-5-10		
Lab Sample ID:	C43827-14	**Date Sampled:**	01/25/16
Matrix:	SO - Soil	**Date Received:**	01/26/16
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	n/a [a]
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y34601.D	1	01/28/16	BJ	01/27/16	OP13799	EY1609
Run #2							

	Initial Weight	Final Volume
Run #1	30.5 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	160	72	ug/kg	
208-96-8	Acenaphthylene	ND	160	77	ug/kg	
120-12-7	Anthracene	ND	160	53	ug/kg	
56-55-3	Benzo(a)anthracene	ND	160	33	ug/kg	
50-32-8	Benzo(a)pyrene	ND	160	33	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	160	33	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	160	43	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	160	33	ug/kg	
218-01-9	Chrysene	ND	160	33	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	160	41	ug/kg	
206-44-0	Fluoranthene	ND	160	33	ug/kg	
86-73-7	Fluorene	ND	160	71	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	160	42	ug/kg	
90-12-0	1-Methylnaphthalene	ND	160	75	ug/kg	
91-57-6	2-Methylnaphthalene	ND	160	78	ug/kg	
91-20-3	Naphthalene	ND	160	76	ug/kg	
85-01-8	Phenanthrene	ND	160	57	ug/kg	
129-00-0	Pyrene	ND	160	33	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	67%		20-115%
321-60-8	2-Fluorobiphenyl	74%		31-123%
1718-51-0	Terphenyl-d14	101%		58-149%

(a) All results reported on a wet weight basis.

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:	SB-5-10		
Lab Sample ID:	C43827-14	**Date Sampled:**	01/25/16
Matrix:	SO - Soil	**Date Received:**	01/26/16
Method:	SW846 8015B M SW846 3550B	**Percent Solids:**	n/a [a]
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG64135.D	1	01/27/16	FL	01/26/16	OP13797	GGG1906
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (> C28-C40)	ND	6.7	1.7	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	109%		38-146%

(a) All results reported on a wet weight basis.

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:	SB-5-10		
Lab Sample ID:	C43827-14A	**Date Sampled:**	01/25/16
Matrix:	SO - Soil	**Date Received:**	01/26/16
Method:	SW846 8015B M SW846 3550B	**Percent Solids:**	n/a [a]
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG64249.D	1	01/29/16	FL	01/28/16	OP13803	GGG1908
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28) [b]	1.60	3.3	0.83	mg/kg	J
	TPH (> C28-C40)	ND	6.7	1.7	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	78%		38-146%

(a) All results reported on a wet weight basis.
(b) No identifiable fuel pattern present; value primarily due to multiple discrete peaks in the Diesel range.

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:	SB-5-W		
Lab Sample ID:	C43827-15	**Date Sampled:**	01/25/16
Matrix:	AQ - Ground Water	**Date Received:**	01/26/16
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	W59883.D	1	01/28/16	CV	n/a	n/a	VW2254
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

BTEX, Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	0.23	1.0	0.20	ug/l	J
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	
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	101%		78-125%
2037-26-5	Toluene-D8	104%		86-114%
460-00-4	4-Bromofluorobenzene	101%		80-113%

(a) Sample vial contained more than 0.5cm of sediment.

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:	SB-5-W		
Lab Sample ID:	C43827-15	**Date Sampled:**	01/25/16
Matrix:	AQ - Ground Water	**Date Received:**	01/26/16
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y34576.D	1	01/27/16	BJ	01/26/16	OP13794	EY1608
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	5.0	1.3	ug/l	
208-96-8	Acenaphthylene	ND	5.0	1.2	ug/l	
120-12-7	Anthracene	ND	5.0	1.3	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	1.4	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	1.1	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	1.3	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	1.5	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	1.4	ug/l	
218-01-9	Chrysene	ND	5.0	1.6	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	1.3	ug/l	
206-44-0	Fluoranthene	ND	5.0	1.5	ug/l	
86-73-7	Fluorene	ND	5.0	1.5	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	1.4	ug/l	
90-12-0	1-Methylnaphthalene	ND	5.0	1.3	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.0	1.3	ug/l	
91-20-3	Naphthalene	ND	5.0	1.2	ug/l	
85-01-8	Phenanthrene	ND	5.0	1.3	ug/l	
129-00-0	Pyrene	ND	5.0	1.6	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	82%		24-120%
321-60-8	2-Fluorobiphenyl	83%		28-128%
1718-51-0	Terphenyl-d14	87%		54-147%

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:	SB-5-W		
Lab Sample ID:	C43827-15	**Date Sampled:**	01/25/16
Matrix:	AQ - Ground Water	**Date Received:**	01/26/16
Method:	SW846 8015B M SW846 3510C	**Percent Solids:**	n/a
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG64147.D	1	01/28/16	FL	01/27/16	OP13798	GGG1906
Run #2							

	Initial Volume	Final Volume
Run #1	1020 ml	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (> C28-C40) [a]	0.221	0.20	0.049	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	95%		40-134%

(a) Motor Oil pattern not present. Pattern resembles Hydraulic Oil, which varies by manufacturer, but typically extends from C14-C40 (overlaps both the Diesel and Motor Oil ranges).

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:	SB-5-W		
Lab Sample ID:	C43827-15A	**Date Sampled:**	01/25/16
Matrix:	AQ - Ground Water	**Date Received:**	01/26/16
Method:	SW846 8015B M SW846 3510C	**Percent Solids:**	n/a
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG64234.D	1	01/29/16	FL	01/28/16	OP13809	GGG1908
Run #2							

	Initial Volume	Final Volume
Run #1	1020 ml	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28) [a]	0.0324	0.098	0.025	mg/l	J
	TPH (> C28-C40)	ND	0.20	0.049	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	82%		40-134%

(a) No identifiable fuel pattern present; value primarily due to multiple discrete peaks in the Diesel range.

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:	SB-6-5		
Lab Sample ID:	C43827-16	**Date Sampled:**	01/25/16
Matrix:	SO - Soil	**Date Received:**	01/26/16
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L47206.D	1	01/27/16	JT	n/a	n/a	VL1415
Run #2							

	Initial Weight
Run #1	5.17 g
Run #2	

BTEX, Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	4.8	0.48	ug/kg	
108-88-3	Toluene	ND	4.8	0.48	ug/kg	
100-41-4	Ethylbenzene	ND	4.8	0.48	ug/kg	
1330-20-7	Xylene (total)	ND	9.7	0.97	ug/kg	
108-20-3	Di-Isopropyl ether	ND	4.8	0.48	ug/kg	
637-92-3	Ethyl tert-Butyl Ether	ND	4.8	0.48	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	4.8	0.97	ug/kg	
994-05-8	Tert-Amyl Methyl Ether	ND	4.8	0.48	ug/kg	
75-65-0	Tert Butyl Alcohol	ND	39	9.7	ug/kg	
	TPH-GRO (C6-C10)	ND	97	48	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	110%		70-130%
2037-26-5	Toluene-D8	87%		70-130%
460-00-4	4-Bromofluorobenzene	99%		70-130%

(a) All results reported on a wet weight basis.

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:	SB-6-5		
Lab Sample ID:	C43827-16	**Date Sampled:**	01/25/16
Matrix:	SO - Soil	**Date Received:**	01/26/16
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	n/a [a]
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y34602.D	1	01/28/16	BJ	01/27/16	OP13799	EY1609
Run #2							

	Initial Weight	Final Volume
Run #1	30.5 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	160	72	ug/kg	
208-96-8	Acenaphthylene	ND	160	77	ug/kg	
120-12-7	Anthracene	ND	160	53	ug/kg	
56-55-3	Benzo(a)anthracene	ND	160	33	ug/kg	
50-32-8	Benzo(a)pyrene	ND	160	33	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	160	33	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	160	43	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	160	33	ug/kg	
218-01-9	Chrysene	ND	160	33	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	160	41	ug/kg	
206-44-0	Fluoranthene	ND	160	33	ug/kg	
86-73-7	Fluorene	ND	160	71	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	160	42	ug/kg	
90-12-0	1-Methylnaphthalene	ND	160	75	ug/kg	
91-57-6	2-Methylnaphthalene	ND	160	78	ug/kg	
91-20-3	Naphthalene	ND	160	76	ug/kg	
85-01-8	Phenanthrene	ND	160	57	ug/kg	
129-00-0	Pyrene	ND	160	33	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	66%		20-115%
321-60-8	2-Fluorobiphenyl	76%		31-123%
1718-51-0	Terphenyl-d14	99%		58-149%

(a) All results reported on a wet weight basis.

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:	SB-6-5		
Lab Sample ID:	C43827-16	**Date Sampled:**	01/25/16
Matrix:	SO - Soil	**Date Received:**	01/26/16
Method:	SW846 8015B M SW846 3550B	**Percent Solids:**	n/a [a]
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG64185.D	5	01/28/16	FL	01/26/16	OP13797	GGG1907
Run #2							

	Initial Weight	Final Volume
Run #1	30.2 g	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (> C28-C40) [b]	178	33	8.3	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	91%		38-146%

(a) All results reported on a wet weight basis.
(b) Presence of overlapping fuel patterns (resembles Motor Oil mixed with Hydraulic Oil).

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:	SB-6-5		
Lab Sample ID:	C43827-16A	**Date Sampled:**	01/25/16
Matrix:	SO - Soil	**Date Received:**	01/26/16
Method:	SW846 8015B M SW846 3550B	**Percent Solids:**	n/a [a]
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	HH329456.D	2	02/04/16	YN	02/03/16	OP13827	GHH1729
Run #2							

	Initial Weight	Final Volume
Run #1	30.0 g	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28) [b]	32.1	6.7	1.7	mg/kg	
	TPH (> C28-C40) [c]	34.7	13	3.3	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	96%		38-146%

(a) All results reported on a wet weight basis.
(b) Hydraulic Oil pattern is possibly present. Hydraulic Oils vary by manufacturer; most show an unresolved area at C14-C40 with the apex between C20-C24 (overlaps both the Diesel and Motor Oil ranges).
(c) Presence of overlapping fuel patterns (resembles Motor Oil mixed with Hydraulic Oil).

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:	SB-6-10		
Lab Sample ID:	C43827-17	**Date Sampled:**	01/25/16
Matrix:	SO - Soil	**Date Received:**	01/26/16
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L47207.D	1	01/27/16	JT	n/a	n/a	VL1415
Run #2							

	Initial Weight
Run #1	5.15 g
Run #2	

BTEX, Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	4.9	0.49	ug/kg	
108-88-3	Toluene	ND	4.9	0.49	ug/kg	
100-41-4	Ethylbenzene	ND	4.9	0.49	ug/kg	
1330-20-7	Xylene (total)	ND	9.7	0.97	ug/kg	
108-20-3	Di-Isopropyl ether	ND	4.9	0.49	ug/kg	
637-92-3	Ethyl tert-Butyl Ether	ND	4.9	0.49	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	4.9	0.97	ug/kg	
994-05-8	Tert-Amyl Methyl Ether	ND	4.9	0.49	ug/kg	
75-65-0	Tert Butyl Alcohol	ND	39	9.7	ug/kg	
	TPH-GRO (C6-C10)	ND	97	49	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		70-130%
2037-26-5	Toluene-D8	89%		70-130%
460-00-4	4-Bromofluorobenzene	98%		70-130%

(a) All results reported on a wet weight basis.

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:	SB-6-10		
Lab Sample ID:	C43827-17	**Date Sampled:**	01/25/16
Matrix:	SO - Soil	**Date Received:**	01/26/16
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	n/a [a]
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y34603.D	1	01/28/16	BJ	01/27/16	OP13799	EY1609
Run #2							

	Initial Weight	Final Volume
Run #1	30.0 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	170	73	ug/kg	
208-96-8	Acenaphthylene	ND	170	78	ug/kg	
120-12-7	Anthracene	ND	170	54	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	33	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	33	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	33	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	43	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	33	ug/kg	
218-01-9	Chrysene	ND	170	33	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	41	ug/kg	
206-44-0	Fluoranthene	ND	170	33	ug/kg	
86-73-7	Fluorene	ND	170	72	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	43	ug/kg	
90-12-0	1-Methylnaphthalene	ND	170	76	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	80	ug/kg	
91-20-3	Naphthalene	ND	170	77	ug/kg	
85-01-8	Phenanthrene	ND	170	58	ug/kg	
129-00-0	Pyrene	ND	170	33	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	70%		20-115%
321-60-8	2-Fluorobiphenyl	80%		31-123%
1718-51-0	Terphenyl-d14	96%		58-149%

(a) All results reported on a wet weight basis.

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:	SB-6-10		
Lab Sample ID:	C43827-17	**Date Sampled:**	01/25/16
Matrix:	SO - Soil	**Date Received:**	01/26/16
Method:	SW846 8015B M SW846 3550B	**Percent Solids:**	n/a [a]
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG64137.D	1	01/27/16	FL	01/26/16	OP13797	GGG1906
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (> C28-C40)	ND	6.7	1.7	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	106%		38-146%

(a) All results reported on a wet weight basis.

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:	SB-6-10		
Lab Sample ID:	C43827-17A	**Date Sampled:**	01/25/16
Matrix:	SO - Soil	**Date Received:**	01/26/16
Method:	SW846 8015B M SW846 3550B	**Percent Solids:**	n/a [a]
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG64251.D	1	01/29/16	FL	01/28/16	OP13803	GGG1908
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28) [b]	1.68	3.3	0.83	mg/kg	J
	TPH (> C28-C40)	ND	6.7	1.7	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	81%		38-146%

(a) All results reported on a wet weight basis.
(b) No identifiable fuel pattern present; value primarily due to multiple discrete peaks in the Diesel range.

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:	SB-6-W		
Lab Sample ID:	C43827-18	**Date Sampled:**	01/25/16
Matrix:	AQ - Ground Water	**Date Received:**	01/26/16
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	W59884.D	1	01/28/16	CV	n/a	n/a	VW2254
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

BTEX, Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	0.24	1.0	0.20	ug/l	J
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	
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)	27.7	50	25	ug/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		78-125%
2037-26-5	Toluene-D8	104%		86-114%
460-00-4	4-Bromofluorobenzene	102%		80-113%

(a) Sample vial contained more than 0.5cm of sediment.

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:	SB-6-W		
Lab Sample ID:	C43827-18	**Date Sampled:**	01/25/16
Matrix:	AQ - Ground Water	**Date Received:**	01/26/16
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y34577.D	1	01/27/16	BJ	01/26/16	OP13794	EY1608
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	5.0	1.3	ug/l	
208-96-8	Acenaphthylene	ND	5.0	1.2	ug/l	
120-12-7	Anthracene	ND	5.0	1.3	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	1.4	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	1.1	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	1.3	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	1.5	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	1.4	ug/l	
218-01-9	Chrysene	ND	5.0	1.6	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	1.3	ug/l	
206-44-0	Fluoranthene	ND	5.0	1.5	ug/l	
86-73-7	Fluorene	ND	5.0	1.5	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	1.4	ug/l	
90-12-0	1-Methylnaphthalene	ND	5.0	1.3	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.0	1.3	ug/l	
91-20-3	Naphthalene	ND	5.0	1.2	ug/l	
85-01-8	Phenanthrene	ND	5.0	1.3	ug/l	
129-00-0	Pyrene	ND	5.0	1.6	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	75%		24-120%
321-60-8	2-Fluorobiphenyl	68%		28-128%
1718-51-0	Terphenyl-d14	69%		54-147%

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:	SB-6-W		
Lab Sample ID:	C43827-18	**Date Sampled:**	01/25/16
Matrix:	AQ - Ground Water	**Date Received:**	01/26/16
Method:	SW846 8015B M SW846 3510C	**Percent Solids:**	n/a
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG64148.D	1	01/28/16	FL	01/27/16	OP13798	GGG1906
Run #2							

	Initial Volume	Final Volume
Run #1	1020 ml	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (> C28-C40) [a]	0.493	0.20	0.049	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	84%		40-134%

(a) Motor Oil pattern not present. Pattern resembles Hydraulic Oil, which varies by manufacturer, but typically extends from C14-C40 (overlaps both the Diesel and Motor Oil ranges).

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:	SB-6-W		
Lab Sample ID:	C43827-18A	**Date Sampled:**	01/25/16
Matrix:	AQ - Ground Water	**Date Received:**	01/26/16
Method:	SW846 8015B M SW846 3510C	**Percent Solids:**	n/a
Project:	T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG64235.D	1	01/29/16	FL	01/28/16	OP13809	GGG1908
Run #2							

	Initial Volume	Final Volume
Run #1	1020 ml	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28) [a]	0.366	0.098	0.025	mg/l	
	TPH (> C28-C40) [a]	0.183	0.20	0.049	mg/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	77%		40-134%

(a) Hydraulic Oil pattern is possibly present. Hydraulic Oils vary by manufacturer; most show an unresolved area at C14-C40 with the apex between C20-C24 (overlaps both the Diesel and Motor Oil ranges).

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

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

1 of 2

ACCUTEST LABORATORIES
2105 Lundy Ave, San Jose, CA 95131
(408) 588-0200 FAX: (408) 588-0201

FED-EX Tracking #: | Bottle Order Control #:
Accutest Quote #: | Accutest NC Job #: C43827

Client / Reporting Information

Company Name: Compliance & Closure, Inc
Address: 4115 Blackhawk Plaza Circle, Ste. 100
City: Danville State: CA Zip: 94506
Project Contact: Gary Mulkey
Phone #: 925-580-2258
Samplers's Name: Gary Mulkey

Project Information

Project Name: De Long Petroleum
Street: 1716 webster street
City: Alameda State: CA
Project #: 12214-1
EMAIL: gary@cci-envr.com
Client Purchase Order #: 12214-1

Requested Analysis

Accutest Sample ID	Sample ID / Field Point / Point of Collection	Collection: Date	Time	Sampled by	Matrix	# of bottles	Preserved: HCl	NaOH	HNO3	H2SO4	NONE	NaHSO4	MEOH	ENCORE	B260 - Petro TPH, BTEX + oxygenates	Naphthalene - 8270	TPHd + oil & Grease	TPH-ext w/ Silica Gel cleanup	TPH-ext w/out Silica Gel cleanup	TPH-ext (Hydraulic oil)	PAHs 8270	LAB USE ONLY
1	SB-1-5	1/25/16	8:00	GM	SO	1									X	X	X	X		X	X	
2	SB-1-10	1/25/16	8:10	GM	SO	1									X	X	X	X		X	X	
3	SB-1-W	1/25/16	8:30	GM	GW	7	3				4				X	X	X	X		X	X	
4	SB-2-5	1/25/16	9:00	GM	SO	1									X	X	X	X		X	X	
5	SB-2-10	1/25/16	9:10	GM	SO	1									X	X	X	X		X	X	
6	SB-2-W	1/25/16	9:25	GM	GW	7	3				4				X	X	X	X		X	X	
7	SB-3-5	1/25/16	9:35	GM	SO	1									X	X	X	X		X	X	
8	SB-3-10	1/25/16	9:40	GM	SO	1									X	X	X	X		X	X	
9	SB-3-W	1/25/16	10:00	GM	GW	7	3				4				X	X	X	X		X	X	

Matrix Codes: WW- Wastewater; GW- Ground Water; SW- Surface Water; SO- Soil; OI-Oil; WP-Wipe; LIQ - Non-aqueous Liquid; AIR; DW- Drinking Water (Perchlorate Only)

Turnaround Time (Business days)

Approved By:/ Date:

- [X] 10 Day
- [ ] 5 Day
- [ ] 3 Day
- [ ] 2 Day
- [ ] 1 Day
- [ ] Same Day

Emergency T/A data available VIA Lablink

Data Deliverable Information

- [ ] Commercial "A" - Results only
- [ ] Commercial "B" - Results with QC summaries
- [ ] Commercial "B+" - Results, QC, and chromatograms
- [ ] FULL1 - Level 4 data package
- [ ] EDF for Geotracker [ ] EDD Format
- Provide EDF Global ID:
- Provide EDF Logcode:

Comments / Remarks

Run TPHHO w/ silica gel cleanup and without silica gel cleanup
TPHd, TPHHO Run with silica gel cleanup

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	Gary R. Mulkey	1/26/16 10:20		2 Mike Hassard	1/26/16 14:20	2 Tom Johnson
3	Relinquished by:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
			3	4		4
5	Relinquished by:	Date Time:	Received By:	Custody Seal # NONE	Appropriate Bottle / Pres. Y / N; Labels match CoC? Y / N; Headspace Y / N; On Ice Y/N; Separate Receiving Check List used: Y / N	Cooler Temp. 35 Iced 3.9/2.8 oC
			5			

CHAIN OF CUSTODY

ACCUTEST LABORATORIES

2105 Lundy Ave, San Jose, CA 95131
(408) 588-0200 FAX: (408) 588-0201

FED-EX Tracking #:
Bottle Order Control #:
Accutest Quote #:
Accutest NC Job #: C43827

Client / Reporting Information

Company Name: Compliance & closure, Inc.
Address: 4115 Blackhawk Plaza circle, ste 100
City: Danville State: CA Zip: 94506
Project Contact: Gary Mulkey
Phone #: 925-580-2258
Samplers's Name: Gary Mulkey

Project Information

Project Name: DeLong Petroleum
Street: 1716 webster street
City: Alameda State: CA
Project #: 12214-1
EMAIL: gary@cci-envr.com
Client Purchase Order #: 12214

Requested Analysis

Matrix Codes: WW- Wastewater; GW- Ground Water; SW- Surface Water; SO- Soil; OI-Oil; WP-Wipe; LIQ - Non-aqueous Liquid; AIR; DW- Drinking Water (Perchlorate Only)

Accutest Sample ID	Sample ID / Field Point / Point of Collection	Collection: Date	Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: HCl	NaOH	HNO3	H2SO4	NONE	NaHSO4	MEOH	ENCORE	8260-pcho TPH, BTEX, oxygenates	NAPHTHALENE - 8270	TPHd + oil & Grease	TPHmo with SGC & w/ our SGC	TPHmo	PAHs 8270	LAB USE ONLY
10	SB-4-5	1/25/16	10:10	GM	SO	1									X	X	X	X	X	X	
11	SB-4-10	1/25/16	10:15	GM	SO	1									X	X	X	X	X	X	
12	SB-4-W	1/25/16	10:33	GM	GW	7	3				4				X	X	X	X	X	X	
13	SB-5-5	1/25/16	11:00	GM	SO	1									X	X	X	X	X	X	
14	SB-5-10	1/25/16	11:05	GM	SO	1									X	X	X	X	X	X	
15	SB-5-W	1/25/16	11:20	GM	GW	7	3				4				X	X	X	X	X	X	
16	SB-6-5	1/25/16	11:30	GM	SO	1									X	X	X	X	X	X	
17	SB-6-10	1/25/16	11:35	GM	SO	1									X	X	X	X	X	X	
18	SB-6-W	1/25/16	11:55	GM	GW	7	3				4				X	X	X	X	X	X	

Turnaround Time (Business days)

Approved By:/ Date:

- [X] 10 Day
- [ ] 5 Day
- [ ] 3 Day
- [ ] 2 Day
- [ ] 1 Day
- [ ] Same Day

Emergency T/A data available VIA Lablink

Data Deliverable Information

- [ ] Commercial "A" - Results only
- [ ] Commercial "B" - Results with QC summaries
- [ ] Commerical "B+" - Results, QC, and chromatograms
- [ ] FULT1 - Level 4 data package
- [ ] EDF for Geotracker [ ] EDD Format
- Provide EDF Global ID
- Provide EDF Logcode:

Comments / Remarks

Run TPHmo w/ silica Gel cleanup and without silica Gel cleanup
TPHd & TPHmo Run w/ silica Gel cleanup

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	Gary Mulkey	1/26/16 10:20	1	2	1/26/16 14:20	2
3			3	4		4
5			5			

Custody Seal #: NONE
Appropriate Bottle / Pres. Y / N
Labels match Coc? Y / N
Headspace Y / N
On Ice Y / N
Separate Receiving Check List used: Y / N
Cooler Temp: 3.5/2.6, 3.9/2.8 °C

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: C43827 **Client:** COMPLIANCE & CLOSURE **Project:** DE LONG PETROLEUM

Date / Time Received: 1/26/2016 2:20:00 PM **Delivery Method:** Accutest Courier **Airbill #'s:**

Cooler Temps (Initial/Adjusted): #1: (3.5/2.6); #2: (3.7/2.8);

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. Therm ID:	IR3;		
3. Cooler media:	Ice (Bag)		
4. No. Coolers:	3		

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

Accutest Laboratories
V:408.588.0200
2105 Lundy Avenue
F: 408.588.0201
San Jose, CA 95131
www/accutest.com

C43827: Chain of Custody
Page 3 of 3

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: C43827
Account: CCCAD Compliance & Closure, Inc.
Project: T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VL1415-MB	L47198.D	1	01/27/16	JT	n/a	n/a	VL1415

The QC reported here applies to the following samples: **Method:** SW846 8260B

C43827-10, C43827-11, C43827-13, C43827-14, C43827-16, C43827-17

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	5.0	0.50	ug/kg	
108-20-3	Di-Isopropyl ether	ND	5.0	0.50	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	0.50	ug/kg	
637-92-3	Ethyl tert-Butyl Ether	ND	5.0	0.50	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	1.0	ug/kg	
994-05-8	Tert-Amyl Methyl Ether	ND	5.0	0.50	ug/kg	
75-65-0	Tert Butyl Alcohol	ND	40	10	ug/kg	
108-88-3	Toluene	ND	5.0	0.50	ug/kg	
1330-20-7	Xylene (total)	ND	10	1.0	ug/kg	
	TPH-GRO (C6-C10)	ND	100	50	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	103%	70-130%
2037-26-5	Toluene-D8	87%	70-130%
460-00-4	4-Bromofluorobenzene	99%	70-130%

Method Blank Summary

Job Number: C43827
Account: CCCAD Compliance & Closure, Inc.
Project: T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM1752-MB	M58357.D	1	01/27/16	XB	n/a	n/a	VM1752

The QC reported here applies to the following samples: **Method:** SW846 8260B

C43827-1, C43827-2, C43827-4, C43827-5, C43827-7, C43827-8

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	5.0	0.50	ug/kg	
108-20-3	Di-Isopropyl ether	ND	5.0	0.50	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	0.50	ug/kg	
637-92-3	Ethyl tert-Butyl Ether	ND	5.0	0.50	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	1.0	ug/kg	
994-05-8	Tert-Amyl Methyl Ether	ND	5.0	0.50	ug/kg	
75-65-0	Tert Butyl Alcohol	ND	40	10	ug/kg	
108-88-3	Toluene	ND	5.0	0.50	ug/kg	
1330-20-7	Xylene (total)	ND	10	1.0	ug/kg	
	TPH-GRO (C6-C10)	ND	100	50	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	103%	70-130%
2037-26-5	Toluene-D8	98%	70-130%
460-00-4	4-Bromofluorobenzene	91%	70-130%

Method Blank Summary

Job Number: C43827
Account: CCCAD Compliance & Closure, Inc.
Project: T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VW2254-MB	W59872.D	1	01/28/16	CV	n/a	n/a	VW2254

The QC reported here applies to the following samples: **Method:** SW846 8260B

C43827-3, C43827-6, C43827-9, C43827-12, C43827-15, C43827-18

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	
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	97%	78-125%
2037-26-5	Toluene-D8	103%	86-114%
460-00-4	4-Bromofluorobenzene	102%	80-113%

Blank Spike/Blank Spike Duplicate Summary

Job Number: C43827
Account: CCCAD Compliance & Closure, Inc.
Project: T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VL1415-BS	L47195.D	1	01/27/16	JT	n/a	n/a	VL1415
VL1415-BSD	L47196.D	1	01/27/16	JT	n/a	n/a	VL1415

The QC reported here applies to the following samples: **Method:** SW846 8260B

C43827-10, C43827-11, C43827-13, C43827-14, C43827-16, C43827-17

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	40	45.1	113	45.7	114	1	70-130/30
108-20-3	Di-Isopropyl ether	40	42.6	107	44.2	111	4	70-130/30
100-41-4	Ethylbenzene	40	38.5	96	39.1	98	2	70-130/30
637-92-3	Ethyl tert-Butyl Ether	40	42.7	107	45.4	114	6	70-130/30
1634-04-4	Methyl Tert Butyl Ether	40	39.6	99	43.6	109	10	70-130/30
994-05-8	Tert-Amyl Methyl Ether	40	43.0	108	46.7	117	8	70-130/30
75-65-0	Tert Butyl Alcohol	200	184	92	229	115	22	60-140/30
108-88-3	Toluene	40	38.5	96	39.1	98	2	70-130/30
1330-20-7	Xylene (total)	120	114	95	116	97	2	70-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	106%	106%	70-130%
2037-26-5	Toluene-D8	88%	88%	70-130%
460-00-4	4-Bromofluorobenzene	100%	101%	70-130%

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: C43827
Account: CCCAD Compliance & Closure, Inc.
Project: T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM1752-BS	M58354.D	1	01/27/16	XB	n/a	n/a	VM1752
VM1752-BSD	M58355.D	1	01/27/16	XB	n/a	n/a	VM1752

The QC reported here applies to the following samples: **Method:** SW846 8260B

C43827-1, C43827-2, C43827-4, C43827-5, C43827-7, C43827-8

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	40	37.6	94	36.4	91	3	70-130/30
108-20-3	Di-Isopropyl ether	40	33.4	84	32.6	82	2	70-130/30
100-41-4	Ethylbenzene	40	37.2	93	36.1	90	3	70-130/30
637-92-3	Ethyl tert-Butyl Ether	40	33.7	84	33.4	84	1	70-130/30
1634-04-4	Methyl Tert Butyl Ether	40	34.8	87	35.0	88	1	70-130/30
994-05-8	Tert-Amyl Methyl Ether	40	34.5	86	34.4	86	0	70-130/30
75-65-0	Tert Butyl Alcohol	200	149	75	196	98	27	60-140/30
108-88-3	Toluene	40	38.4	96	36.3	91	6	70-130/30
1330-20-7	Xylene (total)	120	112	93	110	92	2	70-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	93%	95%	70-130%
2037-26-5	Toluene-D8	97%	97%	70-130%
460-00-4	4-Bromofluorobenzene	92%	91%	70-130%

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: C43827
Account: CCCAD Compliance & Closure, Inc.
Project: T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VW2254-BS	W59869.D	1	01/28/16	CV	n/a	n/a	VW2254
VW2254-BSD	W59870.D	1	01/28/16	CV	n/a	n/a	VW2254

The QC reported here applies to the following samples: **Method:** SW846 8260B

C43827-3, C43827-6, C43827-9, C43827-12, C43827-15, C43827-18

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	20	17.0	85	17.4	87	2	77-118/10
108-20-3	Di-Isopropyl ether	20	16.0	80	16.0	80	0	69-124/10
100-41-4	Ethylbenzene	20	18.4	92	19.2	96	4	78-121/10
637-92-3	Ethyl Tert Butyl Ether	20	17.4	87	17.3	87	1	76-130/10
1634-04-4	Methyl Tert Butyl Ether	20	17.6	88	17.5	88	1	73-124/10
994-05-8	Tert-Amyl Methyl Ether	20	18.8	94	18.7	94	1	76-127/10
75-65-0	Tert-Butyl Alcohol	100	95.4	95	95.2	95	0	47-161/18
108-88-3	Toluene	20	17.8	89	18.4	92	3	78-120/10
1330-20-7	Xylene (total)	60	56.4	94	58.3	97	3	78-122/10

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	98%	97%	78-125%
2037-26-5	Toluene-D8	102%	102%	86-114%
460-00-4	4-Bromofluorobenzene	104%	105%	80-113%

* = Outside of Control Limits.

Laboratory Control Sample Summary

Job Number: C43827
Account: CCCAD Compliance & Closure, Inc.
Project: T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VL1415-LCS	L47197.D	1	01/27/16	JT	n/a	n/a	VL1415

The QC reported here applies to the following samples: **Method:** SW846 8260B

C43827-10, C43827-11, C43827-13, C43827-14, C43827-16, C43827-17

CAS No.	Compound	Spike ug/kg	LCS ug/kg	LCS %	Limits
	TPH-GRO (C6-C10)	250	243	97	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	103%	70-130%
2037-26-5	Toluene-D8	89%	70-130%
460-00-4	4-Bromofluorobenzene	99%	70-130%

* = Outside of Control Limits.

Laboratory Control Sample Summary

Job Number: C43827
Account: CCCAD Compliance & Closure, Inc.
Project: T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM1752-LCS	M58356.D	1	01/27/16	XB	n/a	n/a	VM1752

The QC reported here applies to the following samples: **Method:** SW846 8260B

C43827-1, C43827-2, C43827-4, C43827-5, C43827-7, C43827-8

CAS No.	Compound	Spike ug/kg	LCS ug/kg	LCS %	Limits
	TPH-GRO (C6-C10)	250	233	93	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	96%	70-130%
2037-26-5	Toluene-D8	97%	70-130%
460-00-4	4-Bromofluorobenzene	92%	70-130%

* = Outside of Control Limits.

Laboratory Control Sample Summary

Job Number: C43827
Account: CCCAD Compliance & Closure, Inc.
Project: T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VW2254-LCS	W59871.D	1	01/28/16	CV	n/a	n/a	VW2254

The QC reported here applies to the following samples: **Method:** SW846 8260B

C43827-3, C43827-6, C43827-9, C43827-12, C43827-15, C43827-18

CAS No.	Compound	Spike ug/l	LCS ug/l	LCS %	Limits
	TPH-GRO (C6-C10)	125	121	97	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	96%	78-125%
2037-26-5	Toluene-D8	102%	86-114%
460-00-4	4-Bromofluorobenzene	103%	80-113%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C43827
Account: CCCAD Compliance & Closure, Inc.
Project: T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C43827-14MS	L47214.D	1	01/27/16	JT	n/a	n/a	VL1415
C43827-14MSD	L47215.D	1	01/27/16	JT	n/a	n/a	VL1415
C43827-14	L47205.D	1	01/27/16	JT	n/a	n/a	VL1415

The QC reported here applies to the following samples: **Method:** SW846 8260B

C43827-10, C43827-11, C43827-13, C43827-14, C43827-16, C43827-17

CAS No.	Compound	C43827-14 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		40	42.4	106	39.6	41.9	106	1	70-130/30
108-20-3	Di-Isopropyl ether	ND		40	41.9	105	39.6	41.9	106	0	70-130/30
100-41-4	Ethylbenzene	ND		40	35.8	90	39.6	34.5	87	4	70-130/30
637-92-3	Ethyl tert-Butyl Ether	ND		40	41.3	103	39.6	42.2	107	2	70-130/30
1634-04-4	Methyl Tert Butyl Ether	ND		40	38.4	96	39.6	40.8	103	6	70-130/30
994-05-8	Tert-Amyl Methyl Ether	ND		40	41.4	104	39.6	43.4	110	5	70-130/30
75-65-0	Tert Butyl Alcohol	ND		200	165	83	198	207	105	23	60-140/30
108-88-3	Toluene	ND		40	35.6	89	39.6	35.2	89	1	70-130/30
1330-20-7	Xylene (total)	ND		120	107	89	119	102	86	5	70-130/30

CAS No.	Surrogate Recoveries	MS	MSD	C43827-14	Limits
1868-53-7	Dibromofluoromethane	107%	110%	107%	70-130%
2037-26-5	Toluene-D8	88%	91%	88%	70-130%
460-00-4	4-Bromofluorobenzene	101%	101%	99%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C43827
Account: CCCAD Compliance & Closure, Inc.
Project: T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C43844-9MS	M58374.D	1	01/27/16	XB	n/a	n/a	VM1752
C43844-9MSD	M58375.D	1	01/27/16	XB	n/a	n/a	VM1752
C43844-9	M58366.D	1	01/27/16	XB	n/a	n/a	VM1752

The QC reported here applies to the following samples: **Method:** SW846 8260B

C43827-1, C43827-2, C43827-4, C43827-5, C43827-7, C43827-8

CAS No.	Compound	C43844-9 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		39.6	34.6	87	39.8	33.9	85	2	70-130/30
108-20-3	Di-Isopropyl ether	ND		39.6	34.6	87	39.8	34.1	86	1	70-130/30
100-41-4	Ethylbenzene	ND		39.6	34.6	87	39.8	33.9	85	2	70-130/30
637-92-3	Ethyl tert-Butyl Ether	ND		39.6	34.9	88	39.8	34.0	86	3	70-130/30
1634-04-4	Methyl Tert Butyl Ether	ND		39.6	34.1	86	39.8	33.5	84	2	70-130/30
994-05-8	Tert-Amyl Methyl Ether	ND		39.6	35.9	91	39.8	35.1	88	2	70-130/30
75-65-0	Tert Butyl Alcohol	ND		198	211	107	199	198	100	6	60-140/30
108-88-3	Toluene	ND		39.6	34.7	88	39.8	33.8	85	3	70-130/30
1330-20-7	Xylene (total)	ND		119	102	86	119	99.7	84	2	70-130/30

CAS No.	Surrogate Recoveries	MS	MSD	C43844-9	Limits
1868-53-7	Dibromofluoromethane	106%	104%	112%	70-130%
2037-26-5	Toluene-D8	99%	100%	98%	70-130%
460-00-4	4-Bromofluorobenzene	97%	97%	88%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C43827
Account: CCCAD Compliance & Closure, Inc.
Project: T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C43824-1MS	W59888.D	5	01/29/16	CV	n/a	n/a	VW2254
C43824-1MSD	W59889.D	5	01/29/16	CV	n/a	n/a	VW2254
C43824-1 [a]	W59874.D	5	01/28/16	CV	n/a	n/a	VW2254

The QC reported here applies to the following samples: **Method:** SW846 8260B

C43827-3, C43827-6, C43827-9, C43827-12, C43827-15, C43827-18

CAS No.	Compound	C43824-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		100	92.0	92	100	88.9	89	3	77-118/10
108-20-3	Di-Isopropyl ether	ND		100	89.3	89	100	85.4	85	4	69-124/10
100-41-4	Ethylbenzene	ND		100	100	100	100	97.9	98	2	78-121/10
637-92-3	Ethyl Tert Butyl Ether	ND		100	94.9	95	100	91.5	92	4	76-130/10
1634-04-4	Methyl Tert Butyl Ether	ND		100	92.3	92	100	90.9	91	2	73-124/10
994-05-8	Tert-Amyl Methyl Ether	ND		100	101	101	100	98.2	98	3	76-127/10
75-65-0	Tert-Butyl Alcohol	ND		500	333	67	500	394	79	17	47-161/18
108-88-3	Toluene	ND		100	95.4	95	100	93.1	93	2	78-120/10
1330-20-7	Xylene (total)	ND		300	303	101	300	297	99	2	78-122/10

CAS No.	Surrogate Recoveries	MS	MSD	C43824-1	Limits
1868-53-7	Dibromofluoromethane	104%	102%	98%	78-125%
2037-26-5	Toluene-D8	102%	103%	103%	86-114%
460-00-4	4-Bromofluorobenzene	105%	105%	101%	80-113%

(a) Sample vial contained more than 0.5cm of sediment.

* = Outside of Control Limits.

GC/MS Semi-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: C43827
Account: CCCAD Compliance & Closure, Inc.
Project: T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13794-MB [a]	Y34600.D	1	01/28/16	BJ	01/26/16	OP13794	EY1609

The QC reported here applies to the following samples: **Method:** SW846 8270C

C43827-3, C43827-6, C43827-9, C43827-12, C43827-15, C43827-18

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	5.0	1.3	ug/l	
208-96-8	Acenaphthylene	ND	5.0	1.2	ug/l	
120-12-7	Anthracene	ND	5.0	1.3	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	1.4	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	1.1	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	1.3	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	1.5	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	1.4	ug/l	
218-01-9	Chrysene	ND	5.0	1.6	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	1.3	ug/l	
206-44-0	Fluoranthene	ND	5.0	1.5	ug/l	
86-73-7	Fluorene	ND	5.0	1.5	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	1.4	ug/l	
90-12-0	1-Methylnaphthalene	ND	5.0	1.3	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.0	1.3	ug/l	
91-20-3	Naphthalene	ND	5.0	1.2	ug/l	
85-01-8	Phenanthrene	ND	5.0	1.3	ug/l	
129-00-0	Pyrene	ND	5.0	1.6	ug/l	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	36%	10-110%
4165-62-2	Phenol-d5	25%	10-110%
118-79-6	2,4,6-Tribromophenol	86%	10-169%
4165-60-0	Nitrobenzene-d5	69%	24-120%
321-60-8	2-Fluorobiphenyl	74%	28-128%
1718-51-0	Terphenyl-d14	89%	54-147%

(a) Confirmation run.

Method Blank Summary

Job Number: C43827
Account: CCCAD Compliance & Closure, Inc.
Project: T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13794-MB	Y34567.D	1	01/26/16	BJ	01/26/16	OP13794	EY1607

The QC reported here applies to the following samples: **Method:** SW846 8270C

C43827-3, C43827-6, C43827-9, C43827-12, C43827-15, C43827-18

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	5.0	1.3	ug/l	
208-96-8	Acenaphthylene	ND	5.0	1.2	ug/l	
120-12-7	Anthracene	ND	5.0	1.3	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	1.4	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	1.1	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	1.3	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	1.5	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	1.4	ug/l	
218-01-9	Chrysene	ND	5.0	1.6	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	1.3	ug/l	
206-44-0	Fluoranthene	ND	5.0	1.5	ug/l	
86-73-7	Fluorene	ND	5.0	1.5	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	1.4	ug/l	
90-12-0	1-Methylnaphthalene	ND	5.0	1.3	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.0	1.3	ug/l	
91-20-3	Naphthalene	ND	5.0	1.2	ug/l	
85-01-8	Phenanthrene	ND	5.0	1.3	ug/l	
129-00-0	Pyrene	ND	5.0	1.6	ug/l	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	36%	10-110%
4165-62-2	Phenol-d5	26%	10-110%
118-79-6	2,4,6-Tribromophenol	83%	10-169%
4165-60-0	Nitrobenzene-d5	70%	24-120%
321-60-8	2-Fluorobiphenyl	75%	28-128%
1718-51-0	Terphenyl-d14	86%	54-147%

Method Blank Summary

Job Number: C43827
Account: CCCAD Compliance & Closure, Inc.
Project: T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13799-MB	Y34580.D	1	01/27/16	BJ	01/27/16	OP13799	EY1608

The QC reported here applies to the following samples: **Method:** SW846 8270C

C43827-1, C43827-2, C43827-4, C43827-5, C43827-7, C43827-8, C43827-10, C43827-11, C43827-13, C43827-14, C43827-16, C43827-17

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	170	73	ug/kg	
208-96-8	Acenaphthylene	ND	170	78	ug/kg	
120-12-7	Anthracene	ND	170	54	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	33	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	33	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	33	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	43	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	33	ug/kg	
218-01-9	Chrysene	ND	170	33	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	41	ug/kg	
206-44-0	Fluoranthene	ND	170	33	ug/kg	
86-73-7	Fluorene	ND	170	72	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	43	ug/kg	
90-12-0	1-Methylnaphthalene	ND	170	76	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	80	ug/kg	
91-20-3	Naphthalene	ND	170	77	ug/kg	
85-01-8	Phenanthrene	ND	170	58	ug/kg	
129-00-0	Pyrene	ND	170	33	ug/kg	

CAS No.	Surrogate Recoveries		Limits
4165-60-0	Nitrobenzene-d5	65%	20-115%
321-60-8	2-Fluorobiphenyl	69%	31-123%
1718-51-0	Terphenyl-d14	103%	58-149%

Blank Spike/Blank Spike Duplicate Summary

Job Number: C43827
Account: CCCAD Compliance & Closure, Inc.
Project: T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13794-BS	Y34565.D	1	01/26/16	BJ	01/26/16	OP13794	EY1607
OP13794-BSD	Y34566.D	1	01/26/16	BJ	01/26/16	OP13794	EY1607

The QC reported here applies to the following samples: **Method:** SW846 8270C

C43827-3, C43827-6, C43827-9, C43827-12, C43827-15, C43827-18

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
83-32-9	Acenaphthene	25	23.1	92	22.6	90	2	41-111/18
208-96-8	Acenaphthylene	25	23.2	93	22.9	92	1	43-110/18
120-12-7	Anthracene	25	25.9	104	25.5	102	2	62-114/10
56-55-3	Benzo(a)anthracene	25	25.0	100	24.8	99	1	71-115/10
50-32-8	Benzo(a)pyrene	25	24.6	98	24.5	98	0	69-119/10
205-99-2	Benzo(b)fluoranthene	25	25.3	101	24.7	99	2	66-118/13
191-24-2	Benzo(g,h,i)perylene	25	21.9	88	21.9	88	0	62-120/17
207-08-9	Benzo(k)fluoranthene	25	23.7	95	23.5	94	1	67-120/13
218-01-9	Chrysene	25	25.0	100	25.0	100	0	68-115/10
53-70-3	Dibenzo(a,h)anthracene	25	21.6	86	22.1	88	2	60-123/18
206-44-0	Fluoranthene	25	26.3	105	26.9	108	2	70-117/10
86-73-7	Fluorene	25	24.3	97	23.8	95	2	47-116/16
193-39-5	Indeno(1,2,3-cd)pyrene	25	21.0	84	22.0	88	5	62-126/19
90-12-0	1-Methylnaphthalene	25	21.1	84	20.7	83	2	37-104/19
91-57-6	2-Methylnaphthalene	25	21.1	84	20.7	83	2	40-104/20
91-20-3	Naphthalene	25	19.7	79	19.3	77	2	36-110/19
85-01-8	Phenanthrene	25	24.8	99	24.9	100	0	61-113/11
129-00-0	Pyrene	25	25.7	103	24.8	99	4	67-117/15

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
367-12-4	2-Fluorophenol	39%	36%	10-110%
4165-62-2	Phenol-d5	28%	27%	10-110%
118-79-6	2,4,6-Tribromophenol	88%	90%	10-169%
4165-60-0	Nitrobenzene-d5	71%	69%	24-120%
321-60-8	2-Fluorobiphenyl	79%	78%	28-128%
1718-51-0	Terphenyl-d14	89%	87%	54-147%

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: C43827
Account: CCCAD Compliance & Closure, Inc.
Project: T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13799-BS	Y34578.D	1	01/27/16	BJ	01/27/16	OP13799	EY1608
OP13799-BSD	Y34579.D	1	01/27/16	BJ	01/27/16	OP13799	EY1608

The QC reported here applies to the following samples: **Method:** SW846 8270C

C43827-1, C43827-2, C43827-4, C43827-5, C43827-7, C43827-8, C43827-10, C43827-11, C43827-13, C43827-14, C43827-16, C43827-17

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
83-32-9	Acenaphthene	833	750	90	753	90	0	51-105/16
208-96-8	Acenaphthylene	833	747	90	758	91	1	52-105/15
120-12-7	Anthracene	833	919	110	913	110	1	73-111/10
56-55-3	Benzo(a)anthracene	833	866	104	855	103	1	77-118/10
50-32-8	Benzo(a)pyrene	833	844	101	839	101	1	77-121/10
205-99-2	Benzo(b)fluoranthene	833	876	105	853	102	3	72-121/11
191-24-2	Benzo(g,h,i)perylene	833	844	101	827	99	2	66-131/19
207-08-9	Benzo(k)fluoranthene	833	811	97	806	97	1	77-120/12
218-01-9	Chrysene	833	881	106	876	105	1	76-117/10
53-70-3	Dibenzo(a,h)anthracene	833	836	100	842	101	1	65-133/20
206-44-0	Fluoranthene	833	918	110	918	110	0	74-123/12
86-73-7	Fluorene	833	803	96	816	98	2	62-108/13
193-39-5	Indeno(1,2,3-cd)pyrene	833	800	96	817	98	2	67-133/18
90-12-0	1-Methylnaphthalene	833	671	81	683	82	2	40-100/17
91-57-6	2-Methylnaphthalene	833	670	80	685	82	2	42-102/18
91-20-3	Naphthalene	833	634	76	647	78	2	37-110/18
85-01-8	Phenanthrene	833	892	107	888	107	0	73-110/10
129-00-0	Pyrene	833	902	108	855	103	5	68-124/16

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
4165-60-0	Nitrobenzene-d5	66%	69%	20-115%
321-60-8	2-Fluorobiphenyl	73%	77%	31-123%
1718-51-0	Terphenyl-d14	94%	93%	58-149%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C43827
Account: CCCAD Compliance & Closure, Inc.
Project: T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13799-MS	Y34581.D	1	01/27/16	BJ	01/27/16	OP13799	EY1608
OP13799-MSD	Y34582.D	1	01/27/16	BJ	01/27/16	OP13799	EY1608
C43827-1	Y34583.D	1	01/27/16	BJ	01/27/16	OP13799	EY1608

The QC reported here applies to the following samples: **Method:** SW846 8270C

C43827-1, C43827-2, C43827-4, C43827-5, C43827-7, C43827-8, C43827-10, C43827-11, C43827-13, C43827-14, C43827-16, C43827-17

CAS No.	Compound	C43827-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
83-32-9	Acenaphthene	ND		830	660	79	829	775	93	16	51-105/16
208-96-8	Acenaphthylene	ND		830	661	80	829	773	93	16* [a]	52-105/15
120-12-7	Anthracene	ND		830	851	102	829	883	107	4	73-111/10
56-55-3	Benzo(a)anthracene	ND		830	797	96	829	811	98	2	77-118/10
50-32-8	Benzo(a)pyrene	ND		830	775	93	829	802	97	3	77-121/10
205-99-2	Benzo(b)fluoranthene	ND		830	777	94	829	814	98	5	72-121/11
191-24-2	Benzo(g,h,i)perylene	ND		830	737	89	829	769	93	4	66-131/19
207-08-9	Benzo(k)fluoranthene	ND		830	736	89	829	764	92	4	77-120/12
218-01-9	Chrysene	ND		830	815	98	829	832	100	2	76-117/10
53-70-3	Dibenzo(a,h)anthracene	ND		830	740	89	829	783	94	6	65-133/20
206-44-0	Fluoranthene	ND		830	849	102	829	874	105	3	74-123/12
86-73-7	Fluorene	ND		830	732	88	829	815	98	11	62-108/13
193-39-5	Indeno(1,2,3-cd)pyrene	ND		830	725	87	829	755	91	4	67-133/18
90-12-0	1-Methylnaphthalene	ND		830	592	71	829	698	84	16	40-100/17
91-57-6	2-Methylnaphthalene	ND		830	586	71	829	700	84	18	42-102/18
91-20-3	Naphthalene	ND		830	549	66	829	636	77	15	37-110/18
85-01-8	Phenanthrene	ND		830	826	99	829	862	104	4	73-110/10
129-00-0	Pyrene	ND		830	811	98	829	829	100	2	68-124/16

CAS No.	Surrogate Recoveries	MS	MSD	C43827-1	Limits
4165-60-0	Nitrobenzene-d5	58%	69%	66%	20-115%
321-60-8	2-Fluorobiphenyl	68%	79%	75%	31-123%
1718-51-0	Terphenyl-d14	89%	89%	93%	58-149%

(a) Outside laboratory control limits. MS/MSD recoveries within control limits.

* = Outside of Control Limits.

GC Semi-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: C43827
Account: CCCAD Compliance & Closure, Inc.
Project: T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13797-MB	GG64111.D	1	01/27/16	FL	01/26/16	OP13797	GGG1906

The QC reported here applies to the following samples: **Method:** SW846 8015B M

C43827-1, C43827-2, C43827-4, C43827-5, C43827-7, C43827-8, C43827-10, C43827-11, C43827-13, C43827-14, C43827-16, C43827-17

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (> C28-C40)	ND	6.7	1.7	mg/kg	

CAS No.	Surrogate Recoveries		Limits
630-01-3	Hexacosane	123%	38-146%

Method Blank Summary

Job Number: C43827
Account: CCCAD Compliance & Closure, Inc.
Project: T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13798-MB	GG64139.D	1	01/27/16	FL	01/27/16	OP13798	GGG1906

The QC reported here applies to the following samples: **Method:** SW846 8015B M

C43827-3, C43827-6, C43827-9, C43827-12, C43827-15, C43827-18

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (> C28-C40)	ND	0.20	0.050	mg/l	

CAS No.	Surrogate Recoveries		Limits
630-01-3	Hexacosane	108%	40-134%

Method Blank Summary

Job Number: C43827
Account: CCCAD Compliance & Closure, Inc.
Project: T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13803-MB	GG64174.D	1	01/28/16	FL	01/27/16	OP13803	GGG1907

The QC reported here applies to the following samples: **Method:** SW846 8015B M

C43827-1A, C43827-2A, C43827-4A, C43827-5A, C43827-7A, C43827-8A, C43827-10A, C43827-11A, C43827-13A, C43827-14A, C43827-17A

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28)	ND	3.3	0.83	mg/kg	
	TPH (> C28-C40)	ND	6.7	1.7	mg/kg	

CAS No.	Surrogate Recoveries		Limits
630-01-3	Hexacosane	113%	38-146%

Method Blank Summary

Job Number: C43827
Account: CCCAD Compliance & Closure, Inc.
Project: T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13809-MB	GG64227.D	1	01/29/16	FL	01/28/16	OP13809	GGG1908

The QC reported here applies to the following samples: **Method:** SW846 8015B M

C43827-3A, C43827-6A, C43827-9A, C43827-12A, C43827-15A, C43827-18A

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28)	ND	0.10	0.025	mg/l	
	TPH (> C28-C40)	ND	0.20	0.050	mg/l	

CAS No.	Surrogate Recoveries		Limits
630-01-3	Hexacosane	70%	40-134%

Method Blank Summary

Job Number: C43827
Account: CCCAD Compliance & Closure, Inc.
Project: T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13827-MB	HH329450.D	1	02/03/16	YN	02/03/16	OP13827	GHH1729

The QC reported here applies to the following samples: **Method:** SW846 8015B M

C43827-16A

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28)	ND	3.3	0.83	mg/kg	
	TPH (> C28-C40)	ND	6.7	1.7	mg/kg	

CAS No.	Surrogate Recoveries		Limits
630-01-3	Hexacosane	90%	38-146%

Blank Spike/Blank Spike Duplicate Summary

Job Number: C43827
Account: CCCAD Compliance & Closure, Inc.
Project: T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13797-BS	GG64112.D	1	01/27/16	FL	01/26/16	OP13797	GGG1906
OP13797-BSD	GG64113.D	1	01/27/16	FL	01/26/16	OP13797	GGG1906

The QC reported here applies to the following samples: **Method:** SW846 8015B M

C43827-1, C43827-2, C43827-4, C43827-5, C43827-7, C43827-8, C43827-10, C43827-11, C43827-13, C43827-14, C43827-16, C43827-17

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	BSD mg/kg	BSD %	RPD	Limits Rec/RPD
	TPH (> C28-C40)	33.3	37.8	113	39.8	119	5	59-120/14

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
630-01-3	Hexacosane	102%	108%	38-146%

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: C43827
Account: CCCAD Compliance & Closure, Inc.
Project: T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13798-BS	GG64140.D	1	01/27/16	FL	01/27/16	OP13798	GGG1906
OP13798-BSD	GG64141.D	1	01/27/16	FL	01/27/16	OP13798	GGG1906

The QC reported here applies to the following samples: **Method:** SW846 8015B M

C43827-3, C43827-6, C43827-9, C43827-12, C43827-15, C43827-18

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	BSD mg/l	BSD %	RPD	Limits Rec/RPD
	TPH (> C28-C40)	1	1.00	100	1.07	107	7	56-120/16

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
630-01-3	Hexacosane	103%	105%	40-134%

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: C43827
Account: CCCAD Compliance & Closure, Inc.
Project: T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13803-BS	GG64175.D	1	01/28/16	FL	01/27/16	OP13803	GGG1907
OP13803-BSD	GG64176.D	1	01/28/16	FL	01/27/16	OP13803	GGG1907

The QC reported here applies to the following samples: **Method:** SW846 8015B M

C43827-1A, C43827-2A, C43827-4A, C43827-5A, C43827-7A, C43827-8A, C43827-10A, C43827-11A, C43827-13A, C43827-14A, C43827-17A

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	BSD mg/kg	BSD %	RPD	Limits Rec/RPD
	TPH (C10-C28)	33.3	33.4	100	31.7	95	5	53-107/12
	TPH (> C28-C40)	33.3	37.2	112	35.3	106	5	59-120/14

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
630-01-3	Hexacosane	106%	98%	38-146%

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: C43827
Account: CCCAD Compliance & Closure, Inc.
Project: T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13809-BS	GG64228.D	1	01/29/16	FL	01/28/16	OP13809	GGG1908
OP13809-BSD	GG64229.D	1	01/29/16	FL	01/28/16	OP13809	GGG1908

The QC reported here applies to the following samples: **Method:** SW846 8015B M

C43827-3A, C43827-6A, C43827-9A, C43827-12A, C43827-15A, C43827-18A

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	BSD mg/l	BSD %	RPD	Limits Rec/RPD
	TPH (C10-C28)	1	0.764	76	0.763	76	0	50-108/18
	TPH (> C28-C40)	1	0.823	82	0.858	86	4	56-120/16

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
630-01-3	Hexacosane	85%	84%	40-134%

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: C43827
Account: CCCAD Compliance & Closure, Inc.
Project: T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13827-BS	HH329451.D	1	02/03/16	YN	02/03/16	OP13827	GHH1729
OP13827-BSD	HH329452.D	1	02/03/16	YN	02/03/16	OP13827	GHH1729

The QC reported here applies to the following samples: **Method:** SW846 8015B M

C43827-16A

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	BSD mg/kg	BSD %	RPD	Limits Rec/RPD
	TPH (C10-C28)	33.3	28.5	86 [a]	29.2	88	2	53-107/12
	TPH (> C28-C40)	33.3	35.2	106 [a]	36.4	109	3	59-120/14

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
630-01-3	Hexacosane	91%	102%	38-146%

(a) Recoveries corrected for actual spike amount.

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: C43827
Account: CCCAD Compliance & Closure, Inc.
Project: T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13798-MS	GG64184.D	1	01/28/16	FL	01/27/16	OP13798	GGG1907
C43827-15	GG64147.D	1	01/28/16	FL	01/27/16	OP13798	GGG1906

The QC reported here applies to the following samples: **Method:** SW846 8015B M

C43827-3, C43827-6, C43827-9, C43827-12, C43827-15, C43827-18

CAS No.	Compound	C43827-15 mg/l	Q	Spike mg/l	MS mg/l	MS %	Limits
	TPH (> C28-C40)	0.221		0.98	1.08	88	56-120

CAS No.	Surrogate Recoveries	MS	C43827-15	Limits
630-01-3	Hexacosane	93%	95%	40-134%

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: C43827
Account: CCCAD Compliance & Closure, Inc.
Project: T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13809-MS	GG64238.D	1	01/29/16	FL	01/28/16	OP13809	GGG1908
C43827-15A	GG64234.D	1	01/29/16	FL	01/28/16	OP13809	GGG1908

The QC reported here applies to the following samples: **Method:** SW846 8015B M

C43827-3A, C43827-6A, C43827-9A, C43827-12A, C43827-15A, C43827-18A

CAS No.	Compound	C43827-15A mg/l	Q	Spike mg/l	MS mg/l	MS %	Limits
	TPH (C10-C28)	0.0324	J	0.98	0.586	56	50-108
	TPH (> C28-C40)	ND		0.98	0.697	71	56-120

CAS No.	Surrogate Recoveries	MS	C43827-15A	Limits
630-01-3	Hexacosane	77%	82%	40-134%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C43827
Account: CCCAD Compliance & Closure, Inc.
Project: T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13797-MS	GG64126.D	20	01/27/16	FL	01/26/16	OP13797	GGG1906
OP13797-MSD	GG64122.D	20	01/27/16	FL	01/26/16	OP13797	GGG1906
C43826-1	GG64124.D	20	01/27/16	FL	01/26/16	OP13797	GGG1906

The QC reported here applies to the following samples: **Method:** SW846 8015B M

C43827-1, C43827-2, C43827-4, C43827-5, C43827-7, C43827-8, C43827-10, C43827-11, C43827-13, C43827-14, C43827-16, C43827-17

CAS No.	Compound	C43826-1 mg/kg	Q	Spike mg/kg	MS mg/kg	MS %	Spike mg/kg	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH (> C28-C40)	51.7	J	33.3	88.5	111	33.3	89.8	115	1	59-120/14

CAS No.	Surrogate Recoveries	MS	MSD	C43826-1	Limits
630-01-3	Hexacosane	122%	132%	128%	38-146%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C43827
Account: CCCAD Compliance & Closure, Inc.
Project: T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13803-MS	GG64180.D	200	01/28/16	FL	01/27/16	OP13803	GGG1907
OP13803-MSD	GG64181.D	200	01/28/16	FL	01/27/16	OP13803	GGG1907
C43845-3	GG64179.D	200	01/28/16	FL	01/27/16	OP13803	GGG1907

The QC reported here applies to the following samples: **Method:** SW846 8015B M

C43827-1A, C43827-2A, C43827-4A, C43827-5A, C43827-7A, C43827-8A, C43827-10A, C43827-11A, C43827-13A, C43827-14A, C43827-17A

CAS No.	Compound	C43845-3 mg/kg	Q	Spike mg/kg	MS mg/kg	MS %	Spike mg/kg	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH (C10-C28)	615	J	33.3	751	409* [a]	33.3	792	532* [a]	5	53-107/12
	TPH (> C28-C40)	4270		33.3	5130	2585* [a]	33.3	5150	2644* [a]	0	59-120/14

CAS No.	Surrogate Recoveries	MS	MSD	C43845-3	Limits
630-01-3	Hexacosane	190%* [b]	167%* [b]	152%* [b]	38-146%

(a) Outside control limits due to high level in sample relative to spike amount.
(b) Outside control limits due to matrix interference and dilution.

* = Outside of Control Limits.

Duplicate Summary

Job Number: C43827
Account: CCCAD Compliance & Closure, Inc.
Project: T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13798-DUP	GG64183.D	1	01/28/16	FL	01/27/16	OP13798	GGG1907
C43827-6	GG64144.D	1	01/27/16	FL	01/27/16	OP13798	GGG1906

The QC reported here applies to the following samples: **Method:** SW846 8015B M

C43827-3, C43827-6, C43827-9, C43827-12, C43827-15, C43827-18

CAS No.	Compound	C43827-6 mg/l	Q	DUP mg/l	Q	RPD	Limits
	TPH (> C28-C40)	0.323		0.352		9	16

CAS No.	Surrogate Recoveries	DUP	C43827-6	Limits
630-01-3	Hexacosane	88%	86%	40-134%

* = Outside of Control Limits.

Duplicate Summary

Job Number: C43827
Account: CCCAD Compliance & Closure, Inc.
Project: T10000005974-De Long Petroleum - 1716 Webster Street, Alameda, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13809-DUP	GG64236.D	1	01/29/16	FL	01/28/16	OP13809	GGG1908
C43827-6A	GG64231.D	1	01/29/16	FL	01/28/16	OP13809	GGG1908

The QC reported here applies to the following samples: **Method:** SW846 8015B M

C43827-3A, C43827-6A, C43827-9A, C43827-12A, C43827-15A, C43827-18A

CAS No.	Compound	C43827-6A mg/l	Q	DUP mg/l	Q	RPD	Limits
	TPH (C10-C28)	0.0522	J	0.0560	J	7	18
	TPH (> C28-C40)	ND		ND		nc	16

CAS No.	Surrogate Recoveries	DUP	C43827-6A	Limits
630-01-3	Hexacosane	83%	77%	40-134%

* = Outside of Control Limits.

COMPLIANCE & CLOSURE WELL DEVELOPMENT LOG

Below 0.1 - well development Log

JOB # 12214-1

DATE: 2/22/10

TIME: 8:30

WELL #	VOLUME	TD	DTW	Ph	TEMP	COND	COMMENTS
MW-1		15.17 Hard bottom	5.25				
RW-1		22.50 soft	5.28 Bottom				
MW-2A	3 / 3 / 3 / 3 Hard bottom.	16.595	5.49	6.87 6.86 6.76 6.88	60.72 61.30 61.12 61.17	432 420 409 420	cloudy, NO petro odor
D.O. = 2.25 mg/L = 2.15 mg/L = 2.00 mg/L ORP = 95							
MW-3A	3 / 3 / 3 / 3 Hard bottom.	16.91	5.85	7.51 7.36 7.20 7.15	59.18 59.01 58.85 59.02	512 511 444 413	cloudy, NO petro odor.
D.O. = 3.15 mg/L = 2.03 mg/L = 2.01 mg/L ORP = 101	12 - total						

pH w/ #7 & #4 buffer

EQUIPMENT CALIBRATION DATE: 2/24/10

SERIAL No. 455-856

Compliance & Closure, Inc.