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July 31, 2015

RECEIVED

By Alameda County Environmental Health 2:31 pm, Aug 03, 2015

Mr. Mark Detterman
Alameda County Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

Dear Mr. Detterman:

Attached for your review is the *Soil and Groundwater Investigation Report* for former Chevron-branded service station 90504, located at 15900 Hesperian Boulevard in San Lorenzo, California (Case #: RO0000007). This report was prepared by Stantec Consulting Services Inc. (Stantec), upon whose assistance and advice I have relied. I declare under penalty of perjury that the information and/or recommendations contained in the attached report are true and correct, to the best of my knowledge.

If you should have any further questions, please do not hesitate to contact me or the Stantec project manager, Travis Flora, at (408) 356-6124 ext. 238, or travis.flora@stantec.com.

Sincerely,

A handwritten signature in blue ink that reads "Carryl MacLeod".

Carryl MacLeod
Project Manager

Soil and Groundwater Investigation Report

Chevron-branded
Service Station 90504
15900 Hesperian Boulevard
San Lorenzo, California
Case #: RO0000007



Prepared for:

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July 31, 2015

SOIL AND GROUNDWATER INVESTIGATION REPORT

Chevron-branded Service Station 90504 (R0000007), 15900 Hesperian Boulevard, San Lorenzo, California
July 31, 2015

LIMITATIONS

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SOIL AND GROUNDWATER INVESTIGATION REPORT

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1.0 Introduction

On behalf of Chevron Environmental Management Company (Chevron), Stantec Consulting Services Inc. (Stantec) is pleased to submit this *Soil and Groundwater Investigation Report* for former Chevron-branded service station 90504, which was located at 15900 Hesperian Boulevard, San Lorenzo, Alameda County, California (Site; shown on **Figure 1**).

1.1 PURPOSE

The purpose of this investigation was to evaluate the lateral extent of petroleum hydrocarbons in soil on Site and soil and groundwater off-Site to evaluate whether the Site meets the media-specific criteria set forth in the Low-Threat Underground Storage Tank (UST) Case Closure Policy (LTCP) (SWRCB, 2012). Stantec submitted a *Data Gap Investigation Work Plan* on September 12, 2014 (Stantec, 2014a), which was approved by Alameda County Environmental Health (ACEH) in a letter dated October 30, 2014. Additionally, ACEH approved extensions for this investigation report in correspondence dated December 16, 2014, and March 23, 2015. A final extension was discussed and approved during a meeting on May 27, 2015. Copies of the ACEH correspondence are included in **Appendix A**.

1.2 SCOPE

The scope of work performed during this investigation included advancement of nine on-Site soil borings (SB-1 through SB-9) and one off-Site soil boring (SB-10), collection of soil samples from all borings, and collection of a grab groundwater sample from boring SB-10. Locations of the soil borings are shown on **Figure 2**.

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2.0 Site Background

2.1 SITE DESCRIPTION AND LAND USE

The Site is an active Chevron-branded service station located on the eastern corner at the intersection of Hesperian Boulevard and Post Office Road in San Lorenzo, California. The Site has been occupied by a gasoline service station since approximately 1969. Current Site features include three 10,000-gallon fiberglass gasoline USTs, one 10,000-gallon fiberglass diesel UST, three fuel dispenser islands, and a station building with three service bays. The USTs are located in the southern portion of the Site, the fuel dispenser islands are located in the central portion of the Site, and the station building is located in the northeastern portion of the Site. In 1983, two 10,000-gallon and one 5,000-gallon steel USTs were replaced with the existing fiberglass USTs (Cambria Environmental Technology, Inc. [Cambria], 2004). In January 1994, the fuel dispenser islands were replaced (Weiss Associates [Weiss], 1994), and in March 1994, a 1,000-gallon steel waste oil UST located northeast of the station building was replaced with a 1,000-gallon fiberglass UST (Touchstone Developments [Touchstone], 1994). The 1,000-gallon fiberglass UST was later removed in 2001 (Gettler-Ryan Inc. [G-R], 2001). A Site Plan is shown on **Figure 2**.

Land use near the Site consists of a mixture of commercial and residential properties. The Site is bounded on the northwest by Post Office Road followed by a parking lot for a strip mall, to the northeast by a parking lot for the post office, to the southeast by a commercial building, and on the southwest by Hesperian Boulevard followed by residential properties. The Site is zoned as commercial/industrial by the Alameda County Community Development Agency.

2.2 REGIONAL AND SITE GEOLOGY AND HYDROGEOLOGY

The Site is located atop unconsolidated Quaternary-age alluvial fan deposits, typically described as consisting of interbedded fine-grained materials (Conestoga-Rovers & Associates [CRA], 2007).

A description of the regional and local geology, hydrogeology, and soil boring and well construction logs are included in the *Site Conceptual Model* (Stantec, 2014b). Geologic cross-sections A-A' and B-B' are included in the *Site Conceptual Model and Closure Request*, dated September 14, 2007 (CRA, 2007). These cross-sections show Site stratigraphy, the historical range of groundwater elevations, sample depths, and total petroleum hydrocarbons as gasoline range organics (TPH-GRO), benzene, and methyl tertiary-butyl ether (MtBE) analytical results for select soil and groundwater samples collected during historical assessments. As shown in the cross-sections, soil beneath the Site generally consist of clay and silt to the maximum depth explored (25.5 feet below ground surface [bgs]), with a thin discontinuous sand lens from approximately 4 to 6 feet bgs.

Well construction details, a screen interval assessment, and historical groundwater elevation data are included in the *Second Quarter 2015 Semi-Annual Groundwater Monitoring Report*, dated July 31, 2015 (Stantec, 2015). The historical range of depth-to-groundwater (DTW) measurements for the Site is approximately 6.5 to 17 feet below top of casing (TOC). During

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Second Quarter 2015, DTW gauged in wells for the Site ranged from 9.00 to 13.56 feet below TOC. Wells C-1 through C-8 were screened across the prevailing groundwater table, while the groundwater elevations in wells C-9, C-10, and C-11 were measured above the upper screen interval, and the screen intervals were entirely submerged. Further evaluation of wells C-9, C-10, and C-11, regarding their submerged screen intervals, is provided in Appendix B of the *Site Conceptual Model* (Stantec, 2014b).

The direction of groundwater flow during Second Quarter 2015 was generally towards the southwest at an approximate hydraulic gradient ranging from 0.003 to 0.014 feet per foot (ft/ft). This is generally consistent with the historical direction of groundwater flow from Fourth Quarter 1989 to present (vector mean flow direction to the southwest) (Stantec, 2015).

2.3 PREVIOUS INVESTIGATIONS AND REMEDIATION

Please refer to Stantec's *Site Conceptual Model* (Stantec, 2014b) for a complete summary of previous investigations and remediation conducted at the Site.

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3.0 Site Investigation

On April 20, 21, and 22, 2015, Stantec oversaw the advancement of nine on-Site soil borings (SB-1 through SB-9) and one off-Site soil boring (SB-10) to evaluate the lateral extent of petroleum hydrocarbons in soil and groundwater and to evaluate whether the Site meets the media-specific criteria set forth in the LTCP. Soil samples were collected from each soil boring and a grab groundwater sample was collected from off-Site soil boring SB-10. A Site Plan showing the soil boring locations is included as **Figure 2**.

3.1 PRELIMINARY FIELD ACTIVITIES

3.1.1 Permitting and Notifications

A drilling permit was obtained from Alameda County Public Works Agency to advance the soil borings and is included in **Appendix B**. An encroachment permit was obtained from Alameda County Public Works Agency to perform drilling activities in the public right-of-way. A Traffic Control Plan was prepared and implemented according to the guidelines established in the encroachment permit.

As required by law, Underground Service Alert (USA) - North was notified at least 48 hours prior to any intrusive activities. In addition to notifying USA - North, Stantec retained the service of a private utility locating contractor to determine if underground utilities were located near the soil boring locations.

3.1.2 Health and Safety Plan

Stantec generated a Site-specific health and safety plan (HASP) as required by the State of California General Industry Safety Order 5192 and Title 29 of the Code of Federal Regulations, Section 1910.120. The HASP outlined potential hazards to Stantec personnel during the field activities. Job safety analyses (JSAs) for tasks performed by Stantec personnel (e.g., driving, oversight of boring advancement, sample collection, etc.) were included. The HASP also included details regarding required personal protective equipment to worn by all Stantec field personnel for each task. In addition, Stantec produced a Journey Management Plan (JMP) in an attempt to prevent motor vehicle incidents driving to and from the Site. A copy of Stantec's HASP and JMP were available on-Site during all field activities.

Subcontractors also developed Site-specific HASPs and JSAs for tasks applicable to their scope of work (e.g., driving, advancing soil borings, etc.). Appropriate subcontractor HASPs were also available on Site.

3.2 SOIL INVESTIGATION

3.2.1 Soil Boring Advancement

Stantec contracted National Exploration, Wells, & Pumps (National), a C-57 California State-licensed drilling company from Richmond, California, to advance soil borings SB-1 through SB-10.

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The work was performed under the direction of a State of California Professional Geologist. Stantec field personnel recorded details of field activities, such as Site conditions, sampling processes, names of field personnel, and pertinent dates and times.

Each boring was hand augered to 8 feet bgs to clear for potentially undetected subsurface utilities. Borings SB-1 through SB-10 were advanced beyond 8 feet bgs to total depth using a direct-push drill rig.

3.2.2 Soil Sampling

All soil samples collected within the first 8 feet bgs from borings SB-1 through SB-10 were collected using a slide hammer fitted with a stainless steel or brass sample sleeve. Beyond 8 feet bgs in borings SB-1 through SB-10, soil cores were collected in acetate sleeves, and soil samples were cut approximately 6 inches from each sample depth and covered with Teflon® end sheets and plastic end caps. Soil samples were collected at depths of 2.5, 5, 7.5, 10, 12, and 16 feet bgs from borings SB-1 through SB-9, while soil samples were collected at 2.5, 5, 7.5, 10, 12, and 15 feet bgs from boring SB-10.

Following their collection, all soil samples were labeled, placed in an ice-filled cooler, and logged on a chain-of-custody form for transport to the certified analytical laboratory.

Portions of each soil core were logged by Stantec field personnel for lithological content using the Unified Soil Classification System (USCS) as a guide and for relative moisture content, composition, photoionization detector (PID) readings, and other notable field observations. Portions of the soil cuttings were placed in Ziploc® bags and field-screened using a PID to evaluate the presence of volatile organic compound (VOCs) that may have collected in the headspace of the bag. No elevated PID readings (above 100 parts per million [ppm]) were observed at the time of the investigation, with the exception of boring SB-5 at 12 feet bgs. Because of this elevated PID reading, all soil borings were advanced beyond the planned total depth of 12 feet bgs as proposed in the work plan. No elevated PID readings were observed at final total depths. Boring logs are included in **Appendix C**.

3.2.3 Soil Boring Completion Activities

After each soil boring was advanced to its total depth and representative soil and grab groundwater samples were collected, each soil boring was completed to ground surface with cement grout. The cement grout consisted of approximately 95 percent Portland cement and 5 percent bentonite powder.

3.2.4 Subsurface Conditions

Soils encountered beneath the Site consisted primarily of clay containing varying amounts of silt, sand, and gravel to the total depths explored. This is consistent with soil observed during historical site assessments. Groundwater was not encountered in all soil borings advanced during this investigation, and because a groundwater sample was only planned for boring SB-10, soil borings SB-1 through SB-9 did not remain open long enough to allow groundwater recharge prior

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to backfilling with grout. The static groundwater observed in boring SB-10 was approximately 9.30 feet bgs. Soil boring logs are included in **Appendix C**.

3.2.5 Soil Analytical Results

All soil samples were transported and submitted under chain-of-custody protocol to Eurofins Lancaster Laboratories, Inc. (Lancaster), a State of California-certified analytical laboratory, and analyzed for the following constituents of concern:

- TPH-GRO and total petroleum hydrocarbons as motor oil (TPH-MO) by United States Environmental Protection Agency (US EPA) Method 8015B modified (SW-846);
- Total petroleum hydrocarbons as diesel range organics (TPH-DRO) with silica gel cleanup by US EPA Method 8015B (SW-846);
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX compounds) and naphthalene by US EPA Method 8260B (SW-846).

Current soil sample analytical results are included in **Table 1**. Complete certified laboratory analysis reports and chain-of-custody documentation are included in **Appendix D**. Soil analytical results are compared to California Regional Water Quality Control Board – San Francisco Bay Region (RWQCB) Environmental Screening Levels (ESLs) for commercial/industrial use where groundwater is a current or potential source of drinking water (RWQCB, 2013).

All concentrations in soil borings SB-1 through SB-10 were below either the method detection limits (MDLs) or corresponding ESLs.

Current and historical soil analytical data demonstrate that petroleum hydrocarbon concentrations are below MDLs or ESLs in Site soil; therefore, the lateral extent of petroleum hydrocarbons in soil is considered defined.

3.3 GROUNDWATER INVESTIGATION

3.3.1 Grab Groundwater Sampling

Stantec collected a grab groundwater sample from soil boring SB-10 following advancement and installation of a temporary pre-packed well casing. A 3/4-inch diameter Schedule 40 polyvinyl chloride (PVC) casing with 0.010-inch slots was inserted directly into the soil boring. Prior to groundwater sampling, a DTW measurement was collected and used to calculate the three casing volumes to remove prior to collecting the grab groundwater sample. A peristaltic pump was used to purge the groundwater and collect a groundwater sample. During the groundwater purging process, groundwater quality parameters, including temperature, pH, conductivity, and oxidation-reduction potential (ORP) were recorded. Groundwater was collected in sample containers appropriate for the specified analyses, then sealed, labeled, and placed into an ice-filled cooler for preservation. The groundwater sample field data sheet is included in **Appendix E**.

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3.3.2 Grab Groundwater Analytical Results

The grab groundwater sample was transported and submitted under chain-of-custody protocol to Lancaster and analyzed for the following constituents of concern:

- TPH-GRO by US EPA Method 8015B (SW-846);
- TPH-DRO and TPH-MO with silica gel cleanup by US EPA Method 8015B modified (SW-846); and
- BTEX compounds and naphthalene by US EPA Method 8260B (SW-846).

Current grab groundwater sample analytical results are included in **Table 2**. Complete certified laboratory analysis reports and chain-of-custody documentation are included in **Appendix D**.

Groundwater analytical results were compared to RWQCB ESLs for groundwater that is a current or potential source of drinking water for commercial/industrial land use (RWQCB, 2013). TPH-GRO was the only analyte detected above the MDL, with a concentration of 57 micrograms per liter ($\mu\text{g/L}$), which is below the ESL for TPH-GRO of 100 $\mu\text{g/L}$.

3.4 WASTE MANAGEMENT

Investigation-derived waste (soil cuttings, rinsate water, and purge water) is being stored on-Site in Department of Transportation-approved 55-gallon drums pending waste profiling. CRA is managing the waste profile and arranging for a certified waste contractor to transport and dispose of the waste once profiling is complete.

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4.0 Low-Threat Closure Policy Evaluation

This section presents the low-risk general and media-specific criteria defined by the LTCP and includes an evaluation of the Site compared to these criteria.

4.1 GENERAL CRITERIA

- **Is the unauthorized release located within the service area of a public water system?**

Yes. The Site is located within the service area of the East Bay Municipal Utility District.

- **Does the unauthorized release consist only of petroleum?**

Yes. The constituents of concern (COCs) at the Site are petroleum hydrocarbons associated with gasoline, diesel, and waste oil hydrocarbons from an active service station, including TPH-GRO, TPH-DRO, TPH-MO, and BTEX compounds. Additionally, light non-aqueous phase liquid (LNAPL) was historically measured in on-Site wells C-1 and C-2, and is currently measured in well C-2.

- **Has the unauthorized (“primary”) release from the UST system been stopped?**

Yes. In December 1983, one of the 10,000-gallon steel USTs failed a tank tightness test. Following the UST inspection, two 10,000-gallon and one 5,000-gallon steel USTs (first-generation) were replaced with the existing fiberglass USTs (second-generation), along with associated product lines. A hole of unknown diameter was observed in the 10,000-gallon unleaded gasoline UST and approximately 120 cubic yards of impacted soil was excavated and removed from the Site (Cambria, 2004).

There is limited information on the source of the 2012 LNAPL release besides that it is believed to be due to problems with the diesel turbine pump; however, dissolved-phase petroleum hydrocarbon concentrations associated with the Site now appear to be decreasing, which would indicate that there is no longer a continuous petroleum hydrocarbon source at the Site. Additionally, soil samples collected during the April 2015 investigation did not exhibit any concentrations that suggest an ongoing release.

- **Has free product been removed to the maximum extent practicable (per CCR Chapter 16 Section 2655 a-c)?**

Yes. It appears that free product has been removed to the maximum extent practicable. LNAPL or sheen were not observed in well C-1 since Fourth Quarter 1990. Measureable LNAPL returned to well C-2 during Second Quarter 2015, after last being observed Third Quarter 2013. The LNAPL in well C-2 is a potentially de minimus volume, and soil samples collected during the April 2015 investigation from borings SB-4 and SB-5, which are near well C-2 and the USTs, did not exhibit any concentrations that suggest a significant LNAPL source remains in Site soil.

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- **Has a conceptual Site model (CSM) that assesses the nature, extent, and mobility of the release been developed?**

Yes. The *Site Conceptual Model* was submitted on April 28, 2014 (Stantec, 2014b), and the results of this investigation further refine the CSM.

- **Has secondary source been removed to the extent practicable?**

Yes. Historical remedial efforts are described in Section 2.4 of the *Site Conceptual Model* (Stantec, 2014b) and includes over-excavation of soil. Dissolved-phase petroleum hydrocarbon concentrations associated with the Site are decreasing, indicating that there is no longer a residual petroleum hydrocarbon source contributing to dissolved-phase petroleum hydrocarbon concentrations on Site. This is further supported by the soil concentrations reported during the April 2015 investigation, which were all below MDLs or ESLs. Additional secondary source removal is not warranted.

- **Has soil or groundwater been tested for MtBE and results reported in accordance with Health and Safety Code section 25296.15?**

Yes. MtBE was analyzed in soil samples collected in association with the Site beginning in June 2001. MtBE was routinely analyzed in groundwater during monitoring and sampling events since Fourth Quarter 1995. Results have been reported to ACEH and uploaded to GeoTracker™.

- **Does nuisance as defined by Water Code section 13050 exist at the site?
A “nuisance” is defined as anything which meets the following (1) Is injurious to health, or is indecent or offensive to the senses, or an obstruction to the free use of property; (2) Affects at the same time an entire community or neighborhood; (3) Occurs during, or as a result of, the treatment or disposal of wastes.**

No. The conditions of “nuisance” as defined by Water Code section 13050 do not exist at the Site.

- **Are there unique site attributes or site-specific conditions that demonstrably increase the risk associated with residual petroleum constituents?**

No.

4.2 MEDIA-SPECIFIC CRITERIA

The LTCP contains media-specific criteria to evaluate sites for case closure. Groundwater-specific criteria, petroleum vapor intrusion to indoor air scenarios, and criteria for direct contact and outdoor air exposure are described in the LTCP.

4.2.1 Groundwater-Specific Criteria

Site conditions meet the groundwater-specific criteria under scenario 3 of the LTCP. The Site would meet scenario 2 criteria; however, measurable LNAPL was recently observed in well C-2.

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The aspects of this scenario followed by the site-specific information supporting its applicability are included below:

- “The contaminant plume that exceeds water quality objectives is less than 250 feet in length.”

An off-Site groundwater investigation was conducted April 21, 2015, with the advancement of boring SB-10 in Hesperian Boulevard. A grab groundwater sample was collected, and the only analyte detected above MDLs was TPH-GRO at 57 µg/L, which is below the associated ESL of 100 µg/L. The direction of groundwater flow has historically been towards the southwest at an approximate hydraulic gradient ranging from 0.003 to 0.014 ft/ft. Analytical results for the grab groundwater sample collected from boring SB-10, combined with groundwater results from Second Quarter 2015, define the length of the plume to be less than 250 feet from the source area.

- “Free product has been removed to the maximum extent practicable, may still be present below the site where the release originated, but does not extend off-site.”

It appears that free product has been removed to the maximum extent practicable. LNAPL or sheen were not observed in well C-1 since Fourth Quarter 1990. Measureable LNAPL returned to well C-2 during Second Quarter 2015, after last being observed Third Quarter 2013. The LNAPL in well C-2 is a potentially de minimus volume, and soil samples collected during the April 2015 investigation from borings SB-4 and SB-5, which are near well C-2 and the USTs, did not exhibit any concentrations that suggest a significant LNAPL source remains in Site soil. The extent of LNAPL on Site appears to be limited to the immediate vicinity of well C-2.

- “The plume has been stable or decreasing for a minimum of five years.”

Current and historical groundwater quality data indicate that the dissolved-phase petroleum hydrocarbon plume at the Site is generally stable or decreasing in overall size and concentration. Furthermore, during Second Quarter 2015, benzene was not detected above the MDLs (0.5 µg/L and 3 µg/L) in any Site well sampled (Stantec, 2015), and benzene was not detected above the MDL in the groundwater sample collected from boring SB-10 during the April 2015 investigation. Fourth Quarter 2013 was the last time that MtBE was analyzed for, and it was not detected above the MDL (0.5 µg/L) in any Site well sampled (Stantec, 2013).

- “The nearest existing water supply well or surface water body is greater than 1,000 feet from the defined plume boundary.”

As described in the *Site Conceptual Model* (Stantec, 2014b), no water supply wells or surface water bodies have been identified within 1,000 feet of the plume boundary. The nearest water supply well is an irrigation well located approximately 1,070 feet northeast (up-gradient) of the Site. The nearest surface water body identified is the

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San Lorenzo Creek, which is located approximately 1,200 feet north-northwest (cross-gradient) of the Site.

- “The property owner is willing to accept a land use restriction if the regulatory agency requires a land use restriction as a condition of closure.”

The extent of the LNAPL on Site appears to be limited to the immediate vicinity of well C-2. The *Second Quarter 2015 Semi-Annual Groundwater Monitoring Report* (Stantec, 2015) recommended additional LNAPL monitoring to evaluate whether Site conditions meet this LTCP criteria. If the monitoring corroborates the limited nature of the LNAPL observed in well C-2, a land use restriction may not be necessary as a condition of closure.

4.2.2 Petroleum Vapor Intrusion to Indoor Air

The Site is exempt from satisfying the petroleum vapor intrusion to indoor criteria, because the Site is an active, commercial petroleum fueling facility, and it is reasonably believed there are no unacceptable health risks resulting from exposure to indoor air.

4.2.3 Direct Contact and Outdoor Air Exposure

Current and historical soil samples as shown in this report and the *Site Conceptual Model* (Stantec, 2014b) demonstrate that Site conditions satisfy the LTCP direct contact and outdoor air exposure criteria. Concentrations of benzene, ethylbenzene, naphthalene, and PAHs are less than or equal to the maximum concentrations listed in Table 1 of the LTCP for specified depths at a commercial/industrial property.

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5.0 Conclusions and Recommendations

5.1 CONCLUSIONS

- Lateral delineation of petroleum hydrocarbons in soil and groundwater is complete.
- All general criteria of the LTCP are satisfied.
- Current groundwater conditions appear to satisfy scenario 3 of the LTCP groundwater-specific criteria; however, additional LNAPL monitoring data are needed to corroborate the limited nature of the LNAPL observed in well C-2.
- The Site is exempt from satisfying the petroleum vapor intrusion to indoor criteria, because the Site is an active, commercial petroleum fueling facility, and it is reasonably believed there are no unacceptable health risks resulting from exposure to indoor air.
- Direct contact and outdoor air exposure criteria of the LTCP are satisfied.

5.2 RECOMMENDATIONS

Following the recent recurrence of measurable LNAPL in well C-2, Stantec will resume LNAPL monitoring events on a monthly basis to evaluate LNAPL thickness. The frequency of the LNAPL monitoring events will be adjusted as necessary based on field observations. Results of the LNAPL monitoring events and additional conclusions and recommendations will be presented in the routine semi-annual groundwater monitoring reports.

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6.0 References

Cambria, 2004. *Site Closure Request*. March 26.

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G-R, 2001. *Underground Storage Tank Removal Observation Report*. July 13.

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TABLES

Table 1
Current Soil Analytical Results
 15900 Hesperian Blvd.
 San Lorenzo, California

Sample ID	Depth (feet bgs)	Date Collected	US EPA Method 8015B			US EPA METHOD 8260B				
			TPH-MO (mg/kg)	TPH-DRO w/silica gel cleanup (mg/kg)	TPH-GRO (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes ⁽¹⁾ (mg/kg)	Naphthalene (mg/kg)
SB-1	2.5	4/20/2015	<9.9	<3.9	<0.5	<0.0005	<0.001	<0.001	<0.001	<0.001
	5	4/20/2015	<9.9	<3.9	<0.5	<0.0005	<0.001	<0.001	<0.001	<0.001
	7.5	4/20/2015	22	6.7	<0.5	<0.0005	<0.001	<0.001	<0.001	<0.001
	10	4/20/2015	<9.9	<4.0	<0.5	<0.0005	<0.001	<0.001	<0.001	<0.001
	12	4/20/2015	<10	<4.0	<0.5	<0.0005	<0.001	<0.001	<0.001	<0.001
	16	4/20/2015	<9.9	<4.0	36	<0.0005	<0.001	<0.001	<0.001	<0.001
SB-2	2.5	4/20/2015	<9.9	<3.9	0.8	<0.0005	<0.001	<0.001	<0.001	<0.001
	5	4/20/2015	<9.9	<4.0	<0.5	<0.0005	<0.001	<0.001	<0.001	<0.001
	7.5	4/20/2015	<9.9	<4.0	<0.5	<0.0005	<0.0009	<0.0009	<0.0009	<0.0009
	10	4/20/2015	<9.9	<3.9	2.0	<0.0005	<0.001	<0.001	<0.001	<0.001
	12	4/20/2015	<9.8	15	150	<0.026	<0.053	<0.053	<0.053	<0.053
16	4/20/2015	<9.9	<4.0	<0.5	<0.0005	<0.001	<0.001	<0.001	<0.001	
SB-3	2.5	4/20/2015	<10	<4.0	<0.5	<0.0005	<0.001	<0.001	<0.001	<0.001
	5	4/20/2015	<9.9	<4.0	<0.5	<0.0005	<0.001	<0.001	<0.001	<0.001
	7.5	4/20/2015	<9.9	<4.0	<0.5	<0.0005	<0.001	<0.001	<0.001	<0.001
	10	4/20/2015	<9.9	<4.0	<0.5	<0.0005	<0.001	<0.001	<0.001	<0.001
	12	4/20/2015	<9.9	13	100	<0.023	<0.046	<0.046	<0.046	<0.046
	16	4/20/2015	<9.9	<4.0	<0.5	<0.0005	<0.001	<0.001	<0.001	<0.001
SB-4	2.5	4/20/2015	<9.9	<4.0	<0.5	<0.0005	<0.0009	<0.0009	<0.0009	<0.0009
	5	4/20/2015	<9.9	<3.9	<0.5	<0.0005	<0.001	<0.001	<0.001	<0.001
	7.5	4/20/2015	<9.9	<4.0	<0.5	<0.0005	<0.001	<0.001	<0.001	<0.001
	10	4/20/2015	<9.8	<3.9	<0.5	<0.0005	<0.001	<0.001	<0.001	<0.001
	12	4/20/2015	<9.9	31	42	<0.0005	<0.001	0.001	<0.001	0.002
	16	4/20/2015	<10	<4.0	<0.5	<0.0005	<0.0009	<0.0009	<0.0009	<0.0009

Table 1
Current Soil Analytical Results
 15900 Hesperian Blvd.
 San Lorenzo, California

Sample ID	Depth (feet bgs)	Date Collected	US EPA Method 8015B			US EPA METHOD 8260B				
			TPH-MO (mg/kg)	TPH-DRO w/silica gel cleanup (mg/kg)	TPH-GRO (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes ⁽¹⁾ (mg/kg)	Naphthalene (mg/kg)
SB-5	2.5	4/22/2015	210	87	<0.5	<0.0005	<0.001	<0.001	<0.001	<0.001
	5	4/22/2015	<10	4.0	<0.5	<0.0005	<0.001	<0.001	<0.001	<0.001
	7.5	4/22/2015	<10	<4.0	<0.5	<0.0005	<0.001	<0.001	0.002	<0.001
	10	4/22/2015	44	79	22	<0.0005	<0.0009	<0.0009	<0.0009	<0.0009
	12	4/22/2015	<12	<4.8	<0.5	<0.0005	<0.0009	<0.0009	<0.0009	<0.0009
	16	4/22/2015	<10	<4.0	0.9	<0.0005	<0.001	<0.001	<0.001	<0.001
SB-6	2.5	4/22/2015	23	13	<5.0	<0.0005	<0.001	<0.001	<0.001	<0.001
	5	4/22/2015	<10	<4.0	<0.5	<0.0005	<0.001	<0.001	<0.001	<0.001
	7.5	4/22/2015	<10	<4.0	<0.5	<0.0005	<0.001	<0.001	<0.001	<0.001
	10	4/22/2015	<12	<4.8	<0.5	<0.0005	<0.001	<0.001	<0.001	<0.001
	12	4/22/2015	<9.9	<4.0	4.0	<0.0005	<0.001	<0.001	<0.001	<0.001
	16	4/22/2015	<9.9	<4.0	<0.5	<0.0005	<0.001	<0.001	<0.001	<0.001
SB-7	2.5	4/22/2015	370	48	<0.5	<0.0005	<0.001	<0.001	<0.001	<0.001
	5	4/22/2015	<10	<4.0	<0.5	<0.0005	<0.001	<0.001	<0.001	<0.001
	7.5	4/22/2015	<9.9	<4.0	<0.5	<0.0005	<0.001	<0.001	<0.001	<0.001
	10	4/22/2015	<9.9	<4.0	<0.5	<0.0005	<0.001	<0.001	<0.001	<0.001
	12	4/22/2015	<11	<4.2	<0.5	<0.0005	<0.001	<0.001	<0.001	<0.001
	16	4/22/2015	<9.9	<4.0	<0.5	<0.0005	<0.001	<0.001	<0.001	<0.001
SB-8	2.5	4/22/2015	<9.9	<4.0	<0.5	<0.0005	<0.001	<0.001	<0.001	<0.001
	5	4/22/2015	<10	<4.0	<0.5	<0.0005	<0.001	<0.001	<0.001	<0.001
	7.5	4/22/2015	<10	<4.0	<0.5	<0.0005	<0.001	<0.001	<0.001	<0.001
	10	4/22/2015	<9.9	<4.0	<0.5	<0.0005	<0.001	<0.001	<0.001	<0.001
	12	4/22/2015	<11	<4.3	<0.5	<0.0005	<0.001	<0.001	<0.001	<0.001
	16	4/22/2015	<9.9	<4.0	<0.5	<0.0005	<0.001	<0.001	<0.001	<0.001

Table 1
Current Soil Analytical Results
 15900 Hesperian Blvd.
 San Lorenzo, California

Sample ID	Depth (feet bgs)	Date Collected	US EPA Method 8015B			US EPA METHOD 8260B				
			TPH-MO (mg/kg)	TPH-DRO w/silica gel cleanup (mg/kg)	TPH-GRO (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes ⁽¹⁾ (mg/kg)	Naphthalene (mg/kg)
SB-9	2.5	4/22/2015	<10	<4.0	<0.5	<0.0005	<0.001	<0.001	<0.001	<0.001
	5	4/22/2015	<10	<4.0	<0.5	<0.0005	<0.001	<0.001	<0.001	<0.001
	7.5	4/22/2015	<10	<4.0	<0.5	<0.0005	<0.001	<0.001	<0.001	<0.001
	10	4/22/2015	<9.9	<4.0	<0.5	<0.0005	<0.001	<0.001	<0.001	<0.001
	12	4/22/2015	<10	<4.0	<0.5	<0.0005	<0.001	<0.001	<0.001	<0.001
	16	4/22/2015	<10	<4.0	<0.5	<0.0005	<0.001	<0.001	<0.001	<0.001
SB-10	2.5	4/21/2015	<10	<4.0	<0.5	<0.0005	<0.001	<0.001	<0.001	0.008
	5	4/21/2015	<10	<4.0	<0.5	<0.0005	<0.001	<0.001	<0.001	0.013
	7.5	4/21/2015	<9.9	<4.0	<0.5	<0.0005	<0.001	<0.001	<0.001	<0.001
	10	4/21/2015	<10	<4.0	<0.5	<0.0005	<0.001	<0.001	<0.001	<0.001
	12	4/21/2015	<10	<4.0	<0.5	<0.0005	<0.001	<0.001	<0.001	<0.001
	15	4/21/2015	<10	<4.0	<0.5	<0.0005	<0.001	<0.001	<0.001	<0.001
Shallow Soil ESLs⁽²⁾			500	110	500	0.044	2.9	3.3	2.3	0.075
Deep Soil ESLs⁽³⁾			1000	110	770	0.044	2.9	3.3	2.3	0.075

Notes:

(1) Total xylenes is the sum of ortho-, meta-, and para-xylenes.

(2) California Regional Water Quality Control Board, San Francisco Bay Region, Screening For Environmental Concerns at Sites with Contaminated Soil and Groundwater - December 2013. Summary Table A. Environmental Screening Levels (ESLs). Shallow Soils (<3m bgs). Groundwater is a Current or Potential Source of Drinking Water. Commercial/Industrial Land Use.

(3) California Regional Water Quality Control Board, San Francisco Bay Region, Screening For Environmental Concerns at Sites with Contaminated Soil and Groundwater - December 2013. Summary Table C. Environmental Screening Levels (ESLs). Deep Soils (>3m bgs). Groundwater is a Current or Potential Source of Drinking Water. Commercial/Industrial Land Use.

Bold font denotes detected value. **Bold/blue** font denotes detected value equal to or above RWQCB ESLs (commercial and/or residential).

Abbreviations:

bgs = below ground surface

MtBE = methyl tertiary -butyl ether

ESLs = Environmental Screening Levels

mg/kg = milligrams per kilogram

< = compound was not detected at or above the detection limit shown.

US EPA = United States Environmental Protection Agency

TBA = tertiary-butyl alcohol

TPH-GRO = total petroleum hydrocarbons as gasoline range organics (C₄-C₁₂ reported as total purgeable petroleum hydrocarbons)

TPH-DRO = total petroleum hydrocarbons as diesel range organics with silica gel cleanup

TPH-MO = total petroleum hydrocarbons as motor oil

Table 2
Current Grab Groundwater Analytical Results
 15900 Hesperian Blvd.
 San Lorenzo, California

Grab Groundwater Samples		US EPA Method 8015B			US EPA METHOD 8260B				
Sample ID	Date Collected	TPH-MO w/silica gel cleanup (µg/L)	TPH-DRO w/silica gel cleanup (µg/L)	TPH-GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes ⁽¹⁾ (µg/L)	Naphthalene (µg/L)
SB-10	4/21/2015	<38	<50	57	<0.5	<0.5	<0.5	<0.5	<1
ESLs⁽²⁾		100	100	100	1.0	40	30	20	6.1

Notes:

(1) Total xylenes is the sum of ortho-, meta-, and para-xylenes.

(2) California Regional Water Quality Control Board, San Francisco Bay Region, Screening For Environmental Concerns at Sites with Contaminated Soil and Groundwater - December 2013. Summary Table C. Environmental Screening Levels (ESLs). Deep Soils (>3m bgs). Groundwater is a Current or Potential Source of Drinking Water. Commercial/Industrial Land Use.

Bold font denotes detected value. **Bold/blue** font denotes detected value equal to or above RWQCB ESLs (commercial and/or residential).

Abbreviations:

bgs = below ground surface

ESLs = Environmental Screening Levels

(µg/L) = micrograms per liter

TPH-GRO = total petroleum hydrocarbons as gasoline range organics (C₄-C₁₂ reported as total purgeable petroleum hydrocarbons)

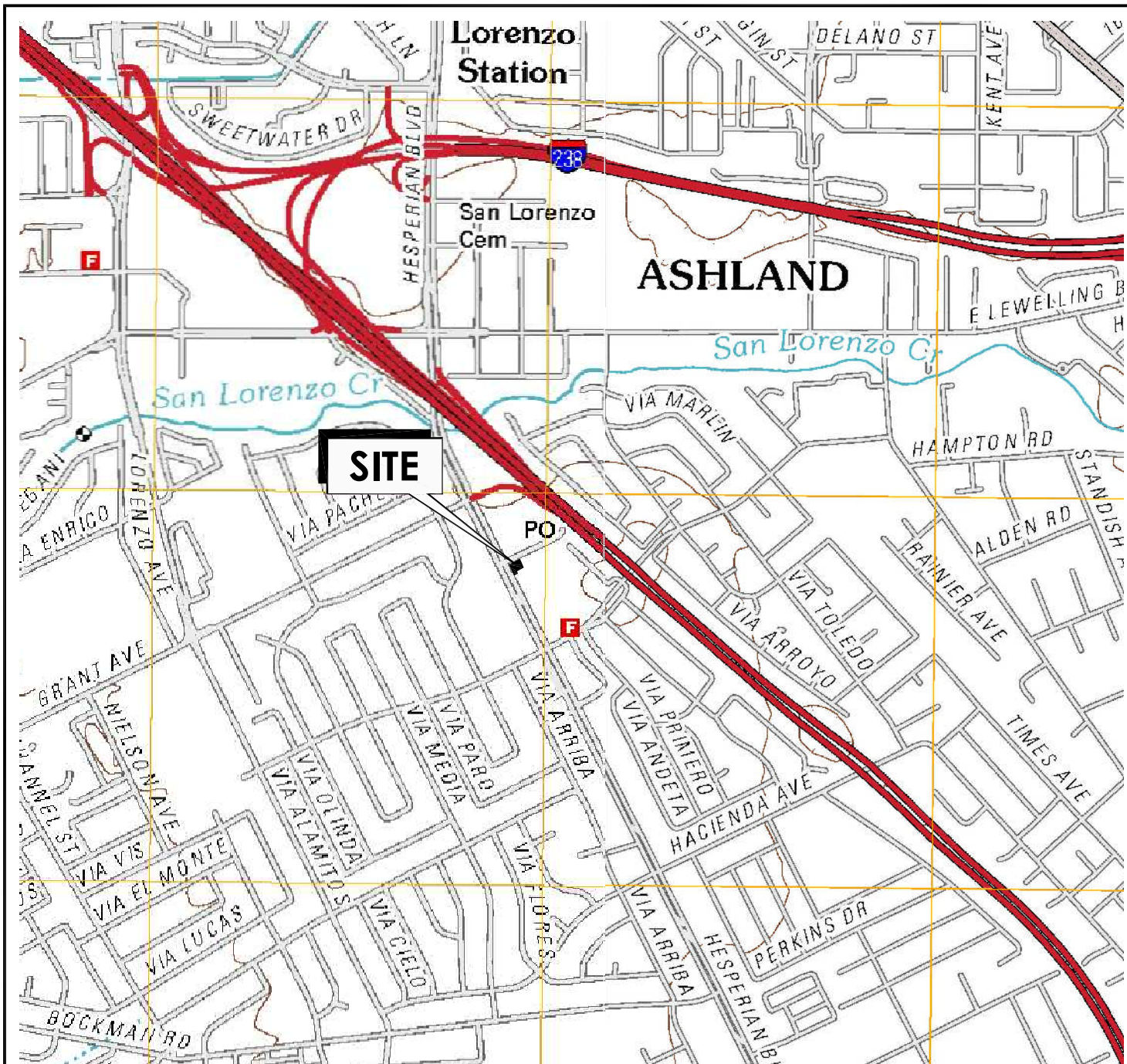
TPH-DRO = total petroleum hydrocarbons as diesel range organics

TPH-MO = total petroleum hydrocarbons as motor oil

US EPA = United States Environmental Protection Agency

< = compound was not detected at or above the detection limit shown.

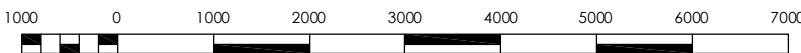
FIGURES



CALIFORNIA



SCALE IN MILES



SCALE IN FEET

REFERENCE: USGS 7.5 MINUTE QUADRANGLES;
SAN LEANDRO, CALIFORNIA; 2012 AND HAYWARD, CALIFORNIA; 2012



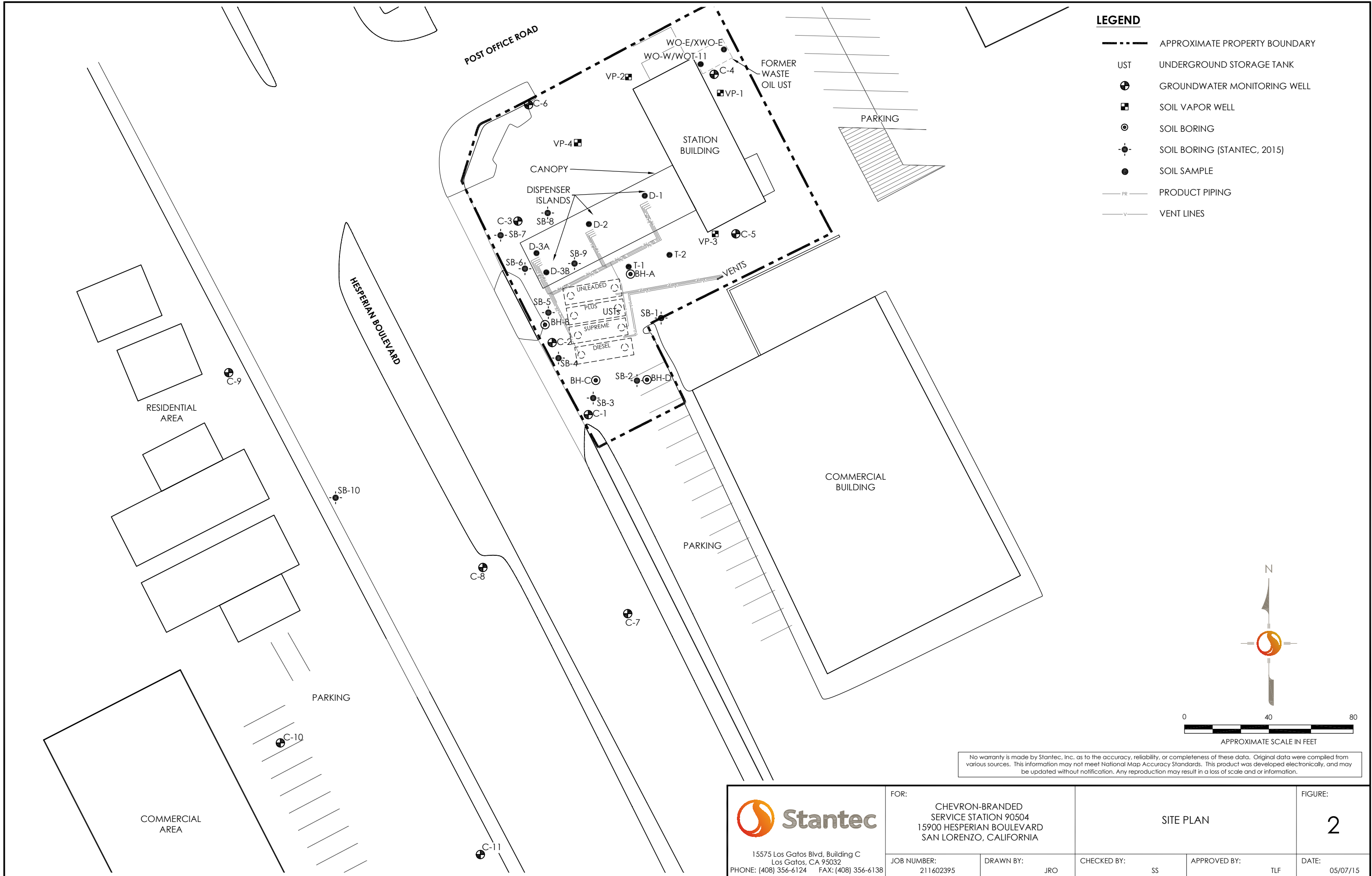
FOR:
CHEVRON-BRANDED
SERVICE STATION 90504
15900 HESPERIAN BOULEVARD
SAN LORENZO, CALIFORNIA

SITE LOCATION MAP

FIGURE:
1

15575 Los Gatos Blvd, Building C
Los Gatos, CA 95032
PHONE: (408) 356-6124 FAX: (408) 356-6138

JOB NUMBER: 211602395	DRAWN BY: JRO	CHECKED BY: EEO	APPROVED BY: TLF	DATE: 03/25/14
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<p>15575 Los Gatos Blvd, Building C Los Gatos, CA 95032 PHONE: (408) 356-6124 FAX: (408) 356-6138</p>	FOR: CHEVRON-BRANDED SERVICE STATION 90504 15900 HESPERIAN BOULEVARD SAN LORENZO, CALIFORNIA		SITE PLAN		FIGURE: 2
	JOB NUMBER: 211602395	DRAWN BY: JRO	CHECKED BY: SS	APPROVED BY: TLF	DATE: 05/07/15

APPENDIX A

Alameda County Environmental Health Correspondence



ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

October 30, 2014

Ms. Carryl MacLeod
Chevron Environmental Management
6101 Bollinger Canyon Road
San Ramon, CA 94583
(sent via electronic mail to:
CMacleod@chevron.com)

Mr. Scott Bohannon
Bohannon Organization
60 31st Avenue
San Mateo, CA 94403
(sent via electronic mail to:
Scott.Bohannon@ddbbo.com)

Mr. Bob Webster
Bohannon Organization
60 31st Avenue
San Mateo, CA 94403
(sent via electronic mail to:
Robert.Webster@ddbbo.com)

Subject: Work Plan Approval; Fuel Leak Case No. RO0000007 (Global ID # T0600100302),
Chevron #9-0504, 15900 Hesperian Blvd., San Lorenzo, CA 94580

Dear Ms. MacLeod, and Messrs. Bohannon and Webster:

Alameda County Environmental Health (ACEH) staff has reviewed the case file for the above-referenced site, including the *Data Gap Investigation Work Plan*, dated September 12, 2014, and the *Third Quarter 2014 Groundwater Monitoring Special Event and LNAPL Recovery Status Report*, dated October 20, 2014. Both reports were prepared by Stantec Consulting Services, Inc. (Stantec) of Los Gatos, California. Thank you for submitting the reports.

Based on ACEH staff review of the referenced documents and of the case file we generally concur with the recently proposed scope of work, provided that the modifications requested in the technical comments below are addressed and incorporated during the field implementation. Submittal of a revised work plan or a work plan addendum is not required unless an alternate scope of work outside that described in the work plan or technical comments below is proposed. We request that you address the following technical comments, submit the requested document, and upon ACEH approval, perform the proposed work, and send us the technical reports requested below. Please provide 72-hour advance written notification to this office (e-mail preferred to: mark.detterman@acgov.org) prior to the start of field activities.

TECHNICAL COMMENTS

1. **Work Plan Modifications** – The referenced work plan proposes a series of actions with which ACEH is in general agreement of undertaking. Please submit a report by the date specified below.
2. **Groundwater Monitoring** – The referenced groundwater monitoring and LNAPL recovery status report proposed the use of low-flow sampling techniques at the site due to elevated, non-representative groundwater samples that appear to be caused by excess sample turbidity and the lack of analysis by Silica Gel Cleanup (SGC). The report also recommended the elimination of Total Petroleum Hydrocarbons as motor oil (TPHmo) as a chemical of concern (COC) at the site after the elimination of polar compounds by SGC and turbidity by low-flow purging. ACEH is in general concurrence with these recommendations; however, requests several modifications to the approach as follows. Please submit reports by the date specified below.
 - a. **Turbidity Readings** – The Low-Flow Purging recommendation currently appears appropriate provided turbidity meter readings in future groundwater monitoring events are collected and document a decreased sediment load in the wells. At present well water is simply described as “cloudy” and conductivity readings for both low-flow and bailer purging are similar.
 - b. **Low-Flow Purging Standard Protocols** – Low-Flow Standard Protocols were not provided with the referenced groundwater monitoring and sampling report; however, ACEH anticipates this was inadvertent and that they will be with future sampling events. In the interim, ACEH

requests that the sample intake for the low-flow sample be within the screened interval of the well casing, rather than near the water surface, as can be typical of bailer sampling. Upon review and approval of the Low-Flow Standard Protocols, ACEH will likely be in general concurrence with the recommendations. Please provide a copy the proposed Low-Flow Standard Protocols by the date requested below.

TECHNICAL REPORT REQUEST

Please upload technical reports to the ACEH ftp site (Attention: Barbara Jakub), and to the State Water Resources Control Board's Geotracker website, in accordance with the following specified file naming convention and schedule:

- **November 21, 2014** – Low-Flow Purge and Sample Standard Protocols
(File to be named: CORRES_L_yyyy-mm-dd)
- **January 9, 2015** – Soil and Groundwater Investigation Report
(File to be named: SWI_R_yyyy-mm-dd)
- **February 20, 2015** – Fourth Quarter 2014 Groundwater Monitoring Report
(File to be named: GWM_R_yyyy-mm-dd)

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

Online case files are available for review at the following website: <http://www.acgov.org/aceh/index.htm>.

Thank you for your cooperation. If you have any questions, please call me at (510) 567-6876 or send me an electronic mail message at mark.detterman@acgov.org.

Sincerely,



Digitally signed by Mark E. Detterman
DN: cn=Mark E. Detterman, o, ou,
email, c=US
Date: 2014.10.30 16:51:10 -07'00'

Mark E. Detterman, PG, CEG
Senior Hazardous Materials Specialist

Enclosures: Attachment 1 – Responsible Party (ies) Legal Requirements / Obligations
Electronic Report Upload (ftp) Instructions

cc: Ms. Alexis Fischer, Chevron Environmental Management Company, 6101 Bollinger Canyon Road, San Ramon, CA 94583; (sent via email to AFischer@chevron.com)

Travis Flora, Stantec Consulting Services, Inc., 15575 Los Gatos Blvd, Los Gatos, CA 95032; (sent via email to travis.flora@stantec.com)

Dilan Roe, ACEH (sent via email to dilan.roe@acgov.org)

Mark Detterman, ACEH (sent via electronic mail to mark.detterman@acgov.org)
Electronic File, GeoTracker

Attachment 1

Responsible Party(ies) Legal Requirements / Obligations

REPORT REQUESTS

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

ELECTRONIC SUBMITTAL OF REPORTS

ACEH's Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of reports in electronic form. The electronic copy replaces paper copies and is expected to be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program FTP site are provided on the attached "Electronic Report Upload Instructions." Submission of reports to the Alameda County FTP site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) GeoTracker website. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for all groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitoring wells, and other data to the GeoTracker database over the Internet. Beginning July 1, 2005, these same reporting requirements were added to Spills, Leaks, Investigations, and Cleanup (SLIC) sites. Beginning July 1, 2005, electronic submittal of a complete copy of all reports for all sites is required in GeoTracker (in PDF format). Please visit the SWRCB website for more information on these requirements (http://www.waterboards.ca.gov/water_issues/programs/ust/electronic_submittal/).

PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

UNDERGROUND STORAGE TANK CLEANUP FUND

Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

AGENCY OVERSIGHT

If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to \$10,000 per day for each day of violation.

Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC)	REVISION DATE: May 15, 2014
	ISSUE DATE: July 5, 2005
	PREVIOUS REVISIONS: October 31, 2005; December 16, 2005; March 27, 2009; July 8, 2010, July 25, 2010
SECTION: Miscellaneous Administrative Topics & Procedures	SUBJECT: Electronic Report Upload (ftp) Instructions

The Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities.

REQUIREMENTS

- **Please do not submit reports as attachments to electronic mail.**
- Entire report including cover letter must be submitted to the ftp site as **a single portable document format (PDF) with no password protection.**
- It is **preferable** that reports be converted to PDF format from their original format, (e.g., Microsoft Word) rather than scanned.
- **Signature pages and perjury statements must be included and have either original or electronic signature.**
- **Do not password protect the document.** Once indexed and inserted into the correct electronic case file, the document will be secured in compliance with the County's current security standards and a password. **Documents with password protection will not be accepted.**
- Each page in the PDF document should be rotated in the direction that will make it easiest to read on a computer monitor.
- Reports must be named and saved using the following naming convention:

RO#_Report Name_Year-Month-Date (e.g., RO#5555_WorkPlan_2005-06-14)

Submission Instructions

- 1) Obtain User Name and Password
 - a) Contact the Alameda County Environmental Health Department to obtain a User Name and Password to upload files to the ftp site.
 - i) Send an e-mail to deh.loptoxic@acgov.org
 - b) In the subject line of your request, be sure to include "**ftp PASSWORD REQUEST**" and in the body of your request, include the **Contact Information, Site Addresses**, and the **Case Numbers (RO# available in Geotracker) you will be posting for.**
- 2) Upload Files to the ftp Site
 - a) Using Internet Explorer (IE4+), go to <ftp://alcoftp1.acgov.org>
 - (i) Note: Netscape, Safari, and Firefox browsers will not open the FTP site as they are NOT being supported at this time.
 - b) Click on Page located on the Command bar on upper right side of window, and then scroll down to Open FTP Site in Windows Explorer.
 - c) Enter your User Name and Password. (Note: Both are Case Sensitive.)
 - d) Open "My Computer" on your computer and navigate to the file(s) you wish to upload to the ftp site.
 - e) With both "My Computer" and the ftp site open in separate windows, drag and drop the file(s) from "My Computer" to the ftp window.
- 3) Send E-mail Notifications to the Environmental Cleanup Oversight Programs
 - a) Send email to deh.loptoxic@acgov.org notify us that you have placed a report on our ftp site.
 - b) Copy your Caseworker on the e-mail. Your Caseworker's e-mail address is the entire first name then a period and entire last name @acgov.org. (e.g., firstname.lastname@acgov.org)
 - c) The subject line of the e-mail must start with the RO# followed by **Report Upload**. (e.g., Subject: RO1234 Report Upload) If site is a new case without an RO#, use the street address instead.
 - d) If your document meets the above requirements and you follow the submission instructions, you will receive a notification by email indicating that your document was successfully uploaded to the ftp site.

Flora, Travis

From: Detterman, Mark, Env. Health <Mark.Detterman@acgov.org>
Sent: Tuesday, December 16, 2014 10:41
To: Flora, Travis
Cc: 'MacLeod, Carryl G'
Subject: RE: ACEH Correspondence for RO07
Attachments: RO0000007_CORRES_2014-12-12.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Travis,
Please use this email to document extension of the deliverable until March 20, 2015.

*Mark Detterman
Senior Hazardous Materials Specialist, PG, CEG
Alameda County Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502
Direct: 510.567.6876
Fax: 510.337.9335
Email: mark.detterman@acgov.org*

PDF copies of case files can be downloaded at:

<http://www.acgov.org/aceh/lop/ust.htm>

From: Flora, Travis [mailto:Travis.Flora@stantec.com]
Sent: Friday, December 12, 2014 2:21 PM
To: Detterman, Mark, Env. Health
Cc: dehloptoxic, Env. Health
Subject: RE: ACEH Correspondence for RO07

Hi Mark,
The attached extension request for RO07 was uploaded to GeoTracker and the ACEH FTP site.

Thanks,

Travis L. Flora
Associate Project Manager
Stantec
15575 Los Gatos Boulevard Building C Los Gatos CA 95032-2569
Phone: (408) 827-3876
Cell: (408) 458-6320
Travis.Flora@stantec.com



Celebrating 60 years of community, creativity, and client relationships.

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Please consider the environment before printing this email.

From: dehloptoxic, Env. Health [<mailto:deh.loptoxic@acgov.org>]

Sent: Monday, November 03, 2014 13:58

To: CMacleod@chevron.com; Scott.Bohannon@ddbo.com; robert.webster@ddbo.com

Cc: AFischer@chevron.com; Flora, Travis; Roe, Dilan, Env. Health; Detterman, Mark, Env. Health

Subject: ACEH Correspondence for RO07

Dear Interested Parties,

Attached is Alameda County Environmental Health's (ACEH) correspondence for your case, RO0000007

Please add our email address to your book to prevent future e-mails from being filtered as spam.

Sincerely,

ACEH

Flora, Travis

From: Detterman, Mark, Env. Health <Mark.Detterman@acgov.org>
Sent: Monday, March 23, 2015 14:19
To: Flora, Travis; MacLeod, Carryl G
Subject: Extension Approval Chevron 90504; RO7

Follow Up Flag: Follow up
Flag Status: Flagged

Carryl and Travis,
Please use this email to document ACEH concurrence with the extension request. I've updated Geotracker with a May 22, 2015 date.

Mark Detterman
Senior Hazardous Materials Specialist, PG, CEG
Alameda County Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502
Direct: 510.567.6876
Fax: 510.337.9335
Email: mark.detterman@acgov.org

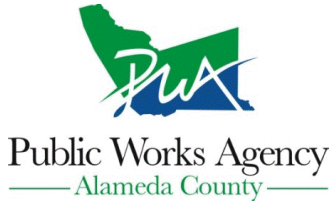
PDF copies of case files can be downloaded at:

<http://www.acgov.org/aceh/lop/ust.htm>

APPENDIX B

Alameda County Drilling Permit

Alameda County Public Works Agency - Water Resources Well Permit



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

Application Approved on: 03/12/2015 By jamesy

Permit Numbers: W2015-0198
Permits Valid from 04/20/2015 to 04/22/2015

Application Id: 1423612730950
Site Location: 15900 Hesperian Blvd, San Lorenzo, CA
Project Start Date: 03/23/2015
Assigned Inspector: Contact Steve Miller at (510) 670-5517 or stevem@acpwa.org
Extension Start Date: 04/20/2015
Extension Count: 1

City of Project Site: San Lorenzo
Completion Date: 03/31/2015
Extension End Date: 04/22/2015
Extended By: priest

Applicant: Stantec - Belinda Espino
15575 Los Gatos Blvd #C, Los Gatos, CA 95032
Property Owner: David D Bohannon Organization
60 Hillsdale Mall, San Mateo, CA 94403
Client: Chevron Envrtl Mgmt Co.
6101 Bollinger Canyon Rd, San Ramon, CA 94583

Phone: 408-827-3529
Phone: --
Phone: 925-790-6506

Receipt Number: WR2015-0104 Total Due: \$265.00
Payer Name : Stantec Total Amount Paid: \$265.00
Paid By: CHECK PAID IN FULL

Works Requesting Permits:

Borehole(s) for Investigation-Environmental/Monitoring Study - 10 Boreholes
Driller: National Exploration Well Pumps - Lic #: 953646 - Method: other

Work Total: \$265.00

Specifications

Permit Number	Issued Dt	Expire Dt	# Boreholes	Hole Diam	Max Depth
W2015-0198	03/12/2015	06/21/2015	10	3.25 in.	13.00 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.

Alameda County Public Works Agency - Water Resources Well Permit

6. 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.

7. 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.

8. 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.

APPENDIX C

Soil Boring Logs

PROJECT: **Chevron 90504**
 LOCATION: **San Lorenzo, CA**
 PROJECT NUMBER: **211602395**

WELL / PROBEHOLE / BOREHOLE NO:



SB-1

DRILLING / INSTALLATION:
 STARTED **4/20/15** COMPLETED: **4/20/15**
 DRILLING COMPANY: **National Drilling Wells and Pumps**
 DRILLING EQUIPMENT: **Geoprobe**
 DRILLING METHOD: **Hand Auger/ Direct Push**
 SAMPLING EQUIPMENT: **HandAuger/ Continuous Core**

NORTHING (ft):
 LAT:
 GROUND ELEV (ft):
 INITIAL DTW (ft): --
 STATIC DTW (ft): --
 WELL CASING DIA. (in): ---
 LOGGED BY: **D.Owens**

EASTING (ft):
 LONG:
 TOC ELEV (ft):
 WELL DEPTH (ft): ---
 BOREHOLE DEPTH (ft): **16.0**
 BOREHOLE DIA. (in): **3.25**
 CHECKED BY: **GPM**

GEO FORM 304 CHEVRON 90504 SAN LORENZO.GPJ STANTEC ENVIRO TEMPLATE 010509.GDT 5/26/15

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace P/D (units)	Depth (feet)
			ASPHALT						
		GW	GRAVELLY SAND ; GW; 10YR 3/3 dark brown; fine to coarse-grained; loose; dry; subangular; (Construction Fill)						
		SM	SILTY SAND TRACE GRAVEL ; SM; 10YR 2/1 black; loose; dry						
		SW	WELL-GRADED SAND ; SW; 10YR 3/6 dark yellowish brown; loose; dry		0945 SB-1@2.5			0.1 ppm	
5		CL	SILTY CLAY ; CL; 2.5Y 4/2 dark grayish brown; low plasticity; soft; moist; iron oxide staining 2.5Y 3/1 very dark gray		0950 SB-1@5			0.1 ppm	5
					1005 SB-1@7.5			0.3 ppm	
10		CH	CLAY ; CH; 10YR 2/1 black; high plasticity; hard; moist; iron oxide staining		1020 SB-1@10			0.9 ppm	10
					1025 SB-1@12			0.4 ppm	
15			GLEYS 1 3/1 very dark greenish gray						
			Borehole terminated at 16 feet.		1735 SB-1@16			4.7 ppm	15

PROJECT: **Chevron 90504**
 LOCATION: **San Lorenzo, CA**
 PROJECT NUMBER: **211602395**

WELL / PROBEHOLE / BOREHOLE NO:



SB-2

DRILLING / INSTALLATION:

STARTED **4/20/15** COMPLETED: **4/20/15**
 DRILLING COMPANY: **National Drilling Wells and Pumps**
 DRILLING EQUIPMENT: **Geoprobe**
 DRILLING METHOD: **Hand Auger/ Direct Push**
 SAMPLING EQUIPMENT: **HandAuger/ Continuous Core**

NORTHING (ft):
 LAT:
 GROUND ELEV (ft):
 INITIAL DTW (ft): --
 STATIC DTW (ft): --
 WELL CASING DIA. (in): ---
 LOGGED BY: **D.Owens**

EASTING (ft):
 LONG:
 TOC ELEV (ft):
 WELL DEPTH (ft): ---
 BOREHOLE DEPTH (ft): **16.0**
 BOREHOLE DIA. (in): **3.25**
 CHECKED BY: **GPM**

GEO FORM 304 CHEVRON 90504 SAN LORENZO.GPJ STANTEC ENVIRO TEMPLATE 010509.GDT 5/26/15

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace P/D (units)	Depth (feet)
			ASPHALT						
		GW	GRAVELLY SAND ; GW; 10YR 3/3 dark brown; fine to coarse-grained; loose; dry; subangular; (Construction Fill)						
		SW	WELL-GRADED SAND TRACE GRAVEL ; SW; 10YR 3/4 dark yellowish brown; loose; dry		1120 SB-2@2.5			3.0 ppm	
5		CL	SILTY CLAY ; CL; 2.5Y 4/2 dark grayish brown; low plasticity; soft; moist; iron oxide staining		1200 SB-2@5			2.1 ppm	5
		CH	CLAY ; CH; 10YR 3/1 very dark gray; high plasticity; hard; moist; iron oxide staining						
		CL	SILTY CLAY ; CL; 10YR 3/2 very dark grayish brown; low plasticity; firm; moist; iron oxide staining		1225 SB-2@7.5			2.4 ppm	
		CH	CLAY ; CH; 10YR 3/1 very dark gray; high plasticity; hard; moist; iron oxide staining						
10			10YR 2/1 black		1235 SB-2@10			0.6 ppm	10
		CL	SILTY CLAY ; CL; GLEY 1 3/1 very dark greenish gray; low plasticity; soft; moist		1240 SB-2@12			67.5 ppm	
15		CH	CLAY ; CH; 10YR 3/1 very dark gray; high plasticity; hard; moist		1720 SB-2@16			1.4 ppm	15
			Borehole terminated at 16 feet.						

PROJECT: **Chevron 90504**
 LOCATION: **San Lorenzo, CA**
 PROJECT NUMBER: **211602395**

WELL / PROBEHOLE / BOREHOLE NO:



SB-3

DRILLING / INSTALLATION:

STARTED **4/20/15** COMPLETED: **4/20/15**
 DRILLING COMPANY: **National Drilling Wells and Pumps**
 DRILLING EQUIPMENT: **Geoprobe**
 DRILLING METHOD: **Hand Auger/ Direct Push**
 SAMPLING EQUIPMENT: **HandAuger/ Continuous Core**

NORTHING (ft):
 LAT:
 GROUND ELEV (ft):
 INITIAL DTW (ft): --
 STATIC DTW (ft): --
 WELL CASING DIA. (in): ---
 LOGGED BY: **D.Owens**

EASTING (ft):
 LONG:
 TOC ELEV (ft):
 WELL DEPTH (ft): ---
 BOREHOLE DEPTH (ft): **16.0**
 BOREHOLE DIA. (in): **3.25**
 CHECKED BY: **GPM**

GEO FORM 304 CHEVRON 90504 SAN LORENZO.GPJ STANTEC ENVIRO TEMPLATE 010509.GDT 5/26/15

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace P/D (units)	Depth (feet)
			ASPHALT						
		GW	GRAVELLY SAND ; GW; 10YR 3/3 dark brown; fine to coarse-grained; loose; dry; subangular; (Construction Fill)						
		CL	SILTY CLAY ; CL; 10YR 2/2 very dark brown; low plasticity; firm; dry						
			Iron oxide staining						
5			Moist						
		CH	CLAY ; CH; 10YR very dark grayish brown; high plasticity; firm; moist; iron oxide staining						
			10YR 2/1 black; dry						
10									
					1415 SB-3@2.5			1.3 ppm	
					1425 SB-3@5			0.9 ppm	5
					1430 SB-3@7.5			1.0 ppm	
					1445 SB-3@10			1.8 ppm	10
					1450 SB-3@12			49.6 ppm	
15					1700 SB-3@16			2.2 ppm	15
			Borehole terminated at 16 feet.						

PROJECT: **Chevron 90504**
 LOCATION: **San Lorenzo, CA**
 PROJECT NUMBER: **211602395**

WELL / PROBEHOLE / BOREHOLE NO:



SB-4

DRILLING / INSTALLATION:

STARTED **4/20/15** COMPLETED: **4/20/15**
 DRILLING COMPANY: **National Drilling Wells and Pumps**
 DRILLING EQUIPMENT: **Geoprobe**
 DRILLING METHOD: **Hand Auger/ Direct Push**
 SAMPLING EQUIPMENT: **HandAuger/ Continuous Core**

NORTHING (ft):
 LAT:
 GROUND ELEV (ft):
 INITIAL DTW (ft): --
 STATIC DTW (ft): --
 WELL CASING DIA. (in): ---
 LOGGED BY: **D.Owens**

EASTING (ft):
 LONG:
 TOC ELEV (ft):
 WELL DEPTH (ft): ---
 BOREHOLE DEPTH (ft): **16.0**
 BOREHOLE DIA. (in): **3.25**
 CHECKED BY: **GPM**

GEO FORM 304 CHEVRON 90504 SAN LORENZO.GPJ STANTEC ENVIRO TEMPLATE 010509.GDT 5/26/15

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace P/D (units)	Depth (feet)
			ASPHALT						
		GW	GRAVELLY SAND ; GW; 10YR 3/3 dark brown; fine to coarse-grained; loose; dry; subangular; (Construction Fill)						
		CL	SILTY CLAY ; CL; 10YR 2/1 black; low plasticity; soft; dry						
			10YR 2/2 very dark brown		1525 SB-4@2.5			1.6 ppm	
			Moist		1530 SB-4@5			2.0 ppm	5
		CH	CLAY ; CH; 10YR 3/2 very dark grayish brown; high plasticity; firm; moist; iron oxide staining		1540 SB-4@7.5			7.5 ppm	
			10YR 2/1 black		1550 SB-4@10			2.3 ppm	10
					1555 SB-4@12			76.2 ppm	
					1640 SB-4@16			1.0 ppm	15
			Borehole terminated at 16 feet.						

PROJECT: **Chevron 90504**
 LOCATION: **San Lorenzo, CA**
 PROJECT NUMBER: **211602395**

WELL / PROBEHOLE / BOREHOLE NO:



SB-5

DRILLING / INSTALLATION:
 STARTED **4/22/15** COMPLETED: **4/22/15**
 DRILLING COMPANY: **National Drilling Wells and Pumps**
 DRILLING EQUIPMENT: **Geoprobe**
 DRILLING METHOD: **Hand Auger/ Direct Push**
 SAMPLING EQUIPMENT: **HandAuger/ Continuous Core**

NORTHING (ft):
 LAT:
 GROUND ELEV (ft):
 INITIAL DTW (ft): --
 STATIC DTW (ft): --
 WELL CASING DIA. (in): ---
 LOGGED BY: **D.Owens**

EASTING (ft):
 LONG:
 TOC ELEV (ft):
 WELL DEPTH (ft): ---
 BOREHOLE DEPTH (ft): **16.0**
 BOREHOLE DIA. (in): **3.25**
 CHECKED BY: **GPM**

GEO FORM 304 CHEVRON 90504 SAN LORENZO.GPJ STANTEC ENVIRO TEMPLATE 010509.GDT 5/26/15

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace P/D (units)	Depth (feet)
			ASPHALT						
		GW	GRAVELLY SAND ; GW; 10YR 3/3 dark brown; fine to coarse-grained; loose; dry; subangular; (Construction Fill)						
		CL	SILTY CLAY ; CL; 10YR 2/1 black; low plasticity; firm; dry						
			10YR 2/2 very dark brown		1515 SB-5@2.5			0.6 ppm	
5			Moist		1525 SB-5@5			0.5 ppm	5
			Wet						
		CH	CLAY ; CH; 10YR 3/2 very dark grayish brown; high plasticity; firm; moist; iron oxide staining		1530 SB-5@7.5			0.6 ppm	
10					1540 SB-5@10			0.5 ppm	10
			GLEYS 1 3/1 10Y very dark greenish gray		1545 SB-5@12			179.7 ppm	
15					1550 SB-5@16			0.7 ppm	15
			Borehole terminated at 16 feet.						

PROJECT: **Chevron 90504**
 LOCATION: **San Lorenzo, CA**
 PROJECT NUMBER: **211602395**

WELL / PROBEHOLE / BOREHOLE NO:



SB-6

DRILLING / INSTALLATION:
 STARTED **4/22/15** COMPLETED: **4/22/15**
 DRILLING COMPANY: **National Drilling Wells and Pumps**
 DRILLING EQUIPMENT: **Geoprobe**
 DRILLING METHOD: **Hand Auger/ Direct Push**
 SAMPLING EQUIPMENT: **HandAuger/ Continuous Core**

NORTHING (ft):
 LAT:
 GROUND ELEV (ft):
 INITIAL DTW (ft): --
 STATIC DTW (ft): --
 WELL CASING DIA. (in): ---
 LOGGED BY: **D.Owens**

EASTING (ft):
 LONG:
 TOC ELEV (ft):
 WELL DEPTH (ft): ---
 BOREHOLE DEPTH (ft): **16.0**
 BOREHOLE DIA. (in): **3.25**
 CHECKED BY: **GPM**

GEO FORM 304 CHEVRON 90504 SAN LORENZO.GPJ STANTEC ENVIRO TEMPLATE 010509.GDT 5/26/15

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace P/D (units)	Depth (feet)
			CONCRETE						
		CL	SILTY CLAY TRACE GRAVEL ; CL; 7.5YR 2.5/2 very dark brown; low plasticity; firm; dry		905 SB-6@2.5			0.3 ppm	
		SM	SILTY SAND ; SM; 10YR 3/3 dark brown; loose; dry						
5		CL	SILTY CLAY ; CL; 10YR 2/2 very dark brown; low plasticity; soft; moist		910 SB-6@5			0.4 ppm	5
		CH	CLAY ; CH; 10YR 3/2 very dark grayish brown; high plasticity; firm; moist; iron oxide staining		920 SB-6@7.5			0.3 ppm	
10			10YR 2/1 black; dry		925 SB-6@10			0.9 ppm	10
			GLEYS 3/1 10Y very dark greenish gray		930 SB-6@12			8.1 ppm	
15			10YR 3/4 dark yellowish brown		940 SB-6@16			0.6 ppm	15
			Borehole terminated at 16 feet.						

PROJECT: **Chevron 90504**
 LOCATION: **San Lorenzo, CA**
 PROJECT NUMBER: **211602395**

WELL / PROBEHOLE / BOREHOLE NO:



SB-7

DRILLING / INSTALLATION:

STARTED **4/22/15** COMPLETED: **4/22/15**
 DRILLING COMPANY: **National Drilling Wells and Pumps**
 DRILLING EQUIPMENT: **Geoprobe**
 DRILLING METHOD: **Hand Auger/ Direct Push**
 SAMPLING EQUIPMENT: **HandAuger/ Continuous Core**

NORTHING (ft):
 LAT:
 GROUND ELEV (ft):
 INITIAL DTW (ft): --
 STATIC DTW (ft): --
 WELL CASING DIA. (in): ---
 LOGGED BY: **D.Owens**

EASTING (ft):
 LONG:
 TOC ELEV (ft):
 WELL DEPTH (ft): ---
 BOREHOLE DEPTH (ft): **16.0**
 BOREHOLE DIA. (in): **3.25**
 CHECKED BY: **GPM**

GEO FORM 304 CHEVRON 90504 SAN LORENZO GP J STANTEC ENVIRO TEMPLATE 010509.GDT 5/26/15

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace P/D (units)	Depth (feet)
			ASPHALT						
		GW	GRAVELLY SAND ; GW; 10YR 3/3 dark brown; fine to coarse-grained; loose; dry; subangular; (Construction Fill)						
5					1015 SB-7@2.5			0.9 ppm	
					1025 SB-7@5			1.3 ppm	5
					1035 SB-7@7.5			1.6 ppm	
10		CH	CLAY ; CH; 10YR 2/1 black; high plasticity; hard; dry; iron oxide staining						
					1040 SB-7@10			0.9 ppm	10
					1045 SB-7@12			1.3 ppm	
			GLEYS 1 3/1 10Y very dark greenish gray Moist						
15			10YR 3/4 dark yellowish brown						
					1055 SB-7@16			0.6 ppm	15
			Borehole terminated at 16 feet.						

PROJECT: **Chevron 90504**
 LOCATION: **San Lorenzo, CA**
 PROJECT NUMBER: **211602395**

WELL / PROBEHOLE / BOREHOLE NO:



SB-8

DRILLING / INSTALLATION:

STARTED **4/22/15** COMPLETED: **4/22/15**
 DRILLING COMPANY: **National Drilling Wells and Pumps**
 DRILLING EQUIPMENT: **Geoprobe**
 DRILLING METHOD: **Hand Auger/ Direct Push**
 SAMPLING EQUIPMENT: **HandAuger/ Continuous Core**

NORTHING (ft):
 LAT:
 GROUND ELEV (ft):
 INITIAL DTW (ft): --
 STATIC DTW (ft): --
 WELL CASING DIA. (in): ---
 LOGGED BY: **D.Owens**

EASTING (ft):
 LONG:
 TOC ELEV (ft):
 WELL DEPTH (ft): ---
 BOREHOLE DEPTH (ft): **16.0**
 BOREHOLE DIA. (in): **3.25**
 CHECKED BY: **GPM**

GEO FORM 304 CHEVRON 90504 SAN LORENZO.GPJ STANTEC ENVIRO TEMPLATE 010509.GDT 5/26/15

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace P/D (units)	Depth (feet)
			ASPHALT						
		GW	GRAVELLY SAND ; GW; 10YR 3/3 dark brown; fine to coarse-grained; loose; dry; subangular; (Construction Fill)						
		CL	SILTY CLAY ; CL; 10YR 2/2 very dark brown; low plasticity; firm; dry						
			10YR 3/3 dark brown		1215 SB-8@2.5			0.3 ppm	
5		SW	WELL-GRADED SAND ; SW; 10YR 3/3 dark brown; fine to coarse-grained; loose; dry						
		CL	SILTY CLAY ; CL; 10YR 3/3 dark brown; low plasticity; soft; moist Wet		1225 SB-8@5			0.6 ppm	5
		CH	CLAY ; CH; 10YR 3/2 very dark grayish brown; high plasticity; firm; moist						
			10YR 2/1 black; dry		1230 SB-8@7.5			0.5 ppm	
10					1240 SB-8@10			0.9 ppm	10
					1250 SB-8@12			0.7 ppm	
15			GLEYS 1 3/1 10Y very dark greenish gray						
					1255 SB-8@16			0.7 ppm	15
			Borehole terminated at 16 feet.						

PROJECT: **Chevron 90504**
 LOCATION: **San Lorenzo, CA**
 PROJECT NUMBER: **211602395**

WELL / PROBEHOLE / BOREHOLE NO:



SB-9

DRILLING / INSTALLATION:

STARTED **4/22/15** COMPLETED: **4/22/15**
 DRILLING COMPANY: **National Drilling Wells and Pumps**
 DRILLING EQUIPMENT: **Geoprobe**
 DRILLING METHOD: **Hand Auger/ Direct Push**
 SAMPLING EQUIPMENT: **HandAuger/ Continuous Core**

NORTHING (ft):
 LAT:
 GROUND ELEV (ft):
 INITIAL DTW (ft): --
 STATIC DTW (ft): --
 WELL CASING DIA. (in): ---
 LOGGED BY: **D.Owens**

EASTING (ft):
 LONG:
 TOC ELEV (ft):
 WELL DEPTH (ft): ---
 BOREHOLE DEPTH (ft): **16.0**
 BOREHOLE DIA. (in): **3.25**
 CHECKED BY: **GPM**

GEO FORM 304 CHEVRON 90504 SAN LORENZO.GPJ STANTEC ENVIRO TEMPLATE 010509.GDT 5/26/15

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace P/D (units)	Depth (feet)
			ASPHALT						
		GW	GRAVELLY SAND ; GW; 10YR 3/3 dark brown; fine to coarse-grained; loose; dry; subangular; (Construction Fill)						
		CL	SILTY CLAY ; CL; 10YR 2/2 very dark brown; low plasticity; firm; dry						
		SP	POORLY GRADED SAND ; SP; 10YR 3/4 dark yellowish brown; fine-grained; loose; dry		1345 SB-9@2.5			0.4 ppm	
5		CL	SILTY CLAY ; CL; 10YR 3/2 very dark grayish brown; low plasticity; soft; moist		1350 SB-9@5			0.6 ppm	5
		CH	CLAY ; CH; 10YR 3/2 very dark grayish brown; high plasticity; firm; moist; iron oxide staining		1400 SB-9@7.5			0.5 ppm	
10			10YR 2/1 black; dry		1410 SB-9@10			0.2 ppm	10
					1415 SB-9@12			0.2 ppm	
15			GLEYS 1 3/1 10Y very dark greenish gray; moist						
					1420 SB-9@16			0.3 ppm	15
			Borehole terminated at 16 feet.						

PROJECT: **Chevron 90504**
 LOCATION: **San Lorenzo, CA**
 PROJECT NUMBER: **211602395**

WELL / PROBEHOLE / BOREHOLE NO:



SB-10

DRILLING / INSTALLATION:
 STARTED **4/21/15** COMPLETED: **4/21/15**
 DRILLING COMPANY: **National Drilling Wells and Pumps**
 DRILLING EQUIPMENT: **Geoprobe**
 DRILLING METHOD: **Hand Auger/ Direct Push**
 SAMPLING EQUIPMENT: **HandAuger/ Continuous Core**

NORTHING (ft):
 LAT:
 GROUND ELEV (ft):
 INITIAL DTW (ft): --
 STATIC DTW (ft): **9.30**
 WELL CASING DIA. (in): ---
 LOGGED BY: **D.Owens**

EASTING (ft):
 LONG:
 TOC ELEV (ft):
 WELL DEPTH (ft): ---
 BOREHOLE DEPTH (ft): **15.0**
 BOREHOLE DIA. (in): **3.25**
 CHECKED BY: **GPM**

GEO FORM 304 CHEVRON 90504 SAN LORENZO.GPJ STANTEC ENVIRO TEMPLATE 010509.GDT 5/26/15

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace P/D (units)	Depth (feet)
			ASPHALT						
		GW	GRAVEL AND SAND ; GW; 10YR 3/2 very dark grayish brown; loose; dry; subangular						
		CL	SILTY CLAY ; CL; 10YR 2/2 very dark brown; low plasticity; hard; dry		1200 SB-10@2.5			0.9 ppm	
		CH	CLAY ; CH; 10YR 3/2 very dark grayish brown; high plasticity; soft; moist		1210 SB-10@5			0.7 ppm	5
5			10YR 2/1 black; hard; dry		1230 SB-10@7.5			1.4 ppm	
10			10YR 3/2 very dark grayish brown; moist		1240 SB-10@10			1.1 ppm	10
					1245 SB-10@12			0.6 ppm	
			GLEY 1 3/1 very dark greenish gray; firm; moist		1250 SB-10@15			1.4 ppm	15
15			Borehole terminated at 15 feet.						

APPENDIX D

Certified Laboratory Analysis Reports and Chain-of-Custody Documents

ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

ChevronTexaco
L4310
6001 Bollinger Canyon Rd.
San Ramon CA 94583

May 06, 2015

Project: 90504

Submittal Date: 04/24/2015
Group Number: 1556020
PO Number: 0015167993
Release Number: CMACLEOD
State of Sample Origin: CA

Client Sample Description

SB-10-W-150421 NA Groundwater
QA-T-150421 NA Water

Lancaster Labs (LL) #

7860696
7860697

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

Regulatory agencies do not accredit laboratories for all methods, analytes, and matrices. Our scopes of accreditation can be viewed at <http://www.eurofinsus.com/environment-testing/laboratories/eurofins-lancaster-laboratories-environmental/resources/certifications/>.

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ELECTRONIC Stantec
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Attn: Erin O'Malley
Attn: Marisa Kaffenberger
Attn: Travis Flora
Attn: Laura Viesselman

Respectfully Submitted,



Megan A. Moeller
Senior Specialist

(717) 556-7261

Sample Description: SB-10-W-150421 NA Groundwater
Facility# 90504
15900 Hesperian-San Lorenz T0600100302

LL Sample # WW 7860696
LL Group # 1556020
Account # 10869

Project Name: 90504

Collected: 04/21/2015 13:15 by DO ChevronTexaco
L4310
Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
Reported: 05/06/2015 15:02 San Ramon CA 94583

SB-10

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B ug/l					
10945	Benzene	71-43-2	N.D.	0.5	1
10945	Ethylbenzene	100-41-4	N.D.	0.5	1
10945	Naphthalene	91-20-3	N.D.	1	1
10945	Toluene	108-88-3	N.D.	0.5	1
10945	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles SW-846 8015B ug/l					
01728	TPH-GRO N. CA water C6-C12	n.a.	57	50	1
GC Petroleum SW-846 8015B ug/l					
Hydrocarbons w/Si					
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	N.D.	50	1
The reverse surrogate, capric acid, is present at <1%.					
GC Petroleum SW-846 8015B modified ug/l					
Hydrocarbons w/Si					
10006	Motor Oil C16-C36 w/Si Gel	n.a.	N.D.	38	1
10006	Total TPH w/Si Gel	n.a.	N.D.	38	1
TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
The reverse surrogate, capric acid, is present at <1%.					

General Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10945	BTEX & Naphthalene	SW-846 8260B	1	F151172AA	04/27/2015 07:47	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F151172AA	04/27/2015 07:47	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	15117B53A	04/28/2015 20:15	Brett W Kenyon	1
01146	GC VOA Water Prep	SW-846 5030B	1	15117B53A	04/28/2015 20:15	Brett W Kenyon	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	151150012A	04/29/2015 13:34	Christine E Dolman	1
10006	TPH Fuels water w/Si Gel	SW-846 8015B modified	1	151150027A	05/04/2015 19:01	Heather E Williams	1
11180	Low Vol Ext (W) w/SG	SW-846 3510C	1	151150012A	04/27/2015 11:40	Denise L Trimby	1
11195	TPH w/ Silica Gel Waters Ext.	SW-846 3510C	1	151150027A	04/27/2015 16:20	JoElla L Rice	1

Sample Description: QA-T-150421 NA Water
Facility# 90504
15900 Hesperian-San Lorenz T0600100302

LL Sample # WW 7860697
LL Group # 1556020
Account # 10869

Project Name: 90504

Collected: 04/21/2015

ChevronTexaco

Submitted: 04/24/2015 10:00

L4310

Reported: 05/06/2015 15:02

6001 Bollinger Canyon Rd.
San Ramon CA 94583

SB10T

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles		SW-846 8260B	ug/l	ug/l	
10945	Benzene	71-43-2	N.D.	0.5	1
10945	Ethylbenzene	100-41-4	N.D.	0.5	1
10945	Naphthalene	91-20-3	N.D.	1	1
10945	Toluene	108-88-3	N.D.	0.5	1
10945	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles		SW-846 8015B	ug/l	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	1

General Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10945	BTEX & Naphthalene	SW-846 8260B	1	F151172AA	04/27/2015 07:25	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F151172AA	04/27/2015 07:25	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	15117B53A	04/28/2015 13:45	Brett W Kenyon	1
01146	GC VOA Water Prep	SW-846 5030B	1	15117B53A	04/28/2015 13:45	Brett W Kenyon	1

Quality Control Summary

Client Name: ChevronTexaco
Reported: 05/06/2015 15:02

Group Number: 1556020

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: F151172AA	Sample number(s): 7860696-7860697							
Benzene	N.D.	0.5	ug/l	104		78-120		
Ethylbenzene	N.D.	0.5	ug/l	101		80-120		
Naphthalene	N.D.	1.	ug/l	100		59-120		
Toluene	N.D.	0.5	ug/l	102		80-120		
Xylene (Total)	N.D.	0.5	ug/l	100		80-120		
Batch number: 15117B53A	Sample number(s): 7860696-7860697							
TPH-GRO N. CA water C6-C12	N.D.	50.	ug/l	104	102	80-139	2	30
Batch number: 151150012A	Sample number(s): 7860696							
TPH-DRO CA C10-C28 w/ Si Gel	N.D.	50.	ug/l	63	62	40-105	2	20
Batch number: 151150027A	Sample number(s): 7860696							
Motor Oil C16-C36 w/Si Gel	N.D.	40.	ug/l					
Total TPH w/Si Gel	N.D.	40.	ug/l	53	36	35-120	38*	20

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

<u>Analysis Name</u>	<u>MS %REC</u>	<u>MSD %REC</u>	<u>MS/MSD Limits</u>	<u>RPD</u>	<u>RPD MAX</u>	<u>BKG Conc</u>	<u>DUP Conc</u>	<u>DUP RPD</u>	<u>Dup RPD Max</u>
Batch number: F151172AA	Sample number(s): 7860696-7860697 UNSPK: 7860696								
Benzene	104	106	72-134	2	30				
Ethylbenzene	101	106	71-134	5	30				
Naphthalene	95	99	52-125	4	30				
Toluene	101	106	80-125	6	30				
Xylene (Total)	101	103	79-125	2	30				

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: BTEX & Naphthalene 8260B
Batch number: F151172AA

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: ChevronTexaco
Reported: 05/06/2015 15:02

Group Number: 1556020

Surrogate Quality Control

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7860696	99	102	96	93
7860697	101	102	97	91
Blank	100	100	97	92
LCS	100	103	99	98
MS	99	103	98	97
MSD	99	103	98	98
Limits:	80-116	77-113	80-113	78-113

Analysis Name: TPH-GRO N. CA water C6-C12
Batch number: 15117B53A

Trifluorotoluene-F

7860696	99
7860697	98
Blank	100
LCS	112
LCSD	112
Limits:	63-135

Analysis Name: TPH-DRO CA C10-C28 w/ Si Gel
Batch number: 151150012A

Orthoterphenyl

7860696	70
Blank	64
LCS	82
LCSD	81
Limits:	42-126

Analysis Name: TPH Fuels water w/Si Gel
Batch number: 151150027A

Chlorobenzene Orthoterphenyl

7860696	45	54
Blank	31	67
LCS	34	63
LCSD	23*	65
Limits:	29-107	33-117

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.



Stantec Consulting Services Inc.
15575 Los Gatos Boulevard, Bldg C
Los Gatos, California 95032
Tel: 408-356-6124 Fax: 408-356-6138

10869/1556020/7860696-97

Date: 4-21-15

Page: 1 of 1

Project Contact for Results (Hardcopy or PDF To):
Travis.Floria@stantec.com

California EDF Report? Yes No

Chain-of-Custody Record and Analysis Request

CC Results to:

Global ID No:

Turn-around Time (Business Days):

Laboratory: Eurofins

Samplers Name: D. Owens

Standard 5 DAYS 72 HR 48 HR 24 HR

Lab Phone No.: Lab Fax No.:

Samplers Signature:

Analysis Request

Project Number: 211602395

Project Address: 15900 Hesperian Blvd
San Lorenzo CA

Project Name: 90504

Project Manager:
Travis Floria

Sampling Container Preservative Matrix

Sample Name	Field Point Name	Sampling		Container				# of Containers	Preservative				Matrix			BTEX by 8260B	Naphthalene by 8260B	TPH-M10 w/silica gel cleanup by 8015B	TPH-DR0 w/silica Gel Cleanup by 8015B	TPH-GRO by 8015B	Sample Remarks	For Lab Use Only
		Date	Time	40 ml VOA x3	SLEEVE	POLY	AMBER Jar		HCl	HNO ₃	ICE	NONE	WATER	SOIL	VAPOR							
SB-10-GW	SB-10	4/21/15	13:15	2			4 10	X						X	X	X	X					
Trip Blank				1			4	X						X	X		X					

Relinquished by:
Date: 4/23/15 Time: 1500
Received by: FedEx

Relinquished by: _____ Date: _____ Time: _____ Received by: _____

Relinquished by: _____ Date: _____ Time: _____ Received by Laboratory: 4-24-15

Remarks:

1000

Relinquished By Commercial Carrier:
FedEx _____ UPS Other _____

Temperature Upon Receipt 4.3 °C

Bill To: Stantec Los Gatos
15575 Los Gatos Blvd., Bldg C
Los Gatos, CA 95032

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	BMQL	Below Minimum Quantitation Level
N.D.	none detected	MPN	Most Probable Number
TNTC	Too Numerous To Count	CP Units	cobalt-chloroplatinate units
IU	International Units	NTU	nephelometric turbidity units
umhos/cm	micromhos/cm	ng	nanogram(s)
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
µg	microgram(s)	mg	milligram(s)
mL	milliliter(s)	L	liter(s)
m3	cubic meter(s)	µL	microliter(s)
		pg/L	picogram/liter
<	less than		
>	greater than		
ppm	parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg) or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.		
ppb	parts per billion		
Dry weight basis	Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.		

Laboratory Data Qualifiers:

- B - Analyte detected in the blank
- C - Result confirmed by reanalysis
- E - Concentration exceeds the calibration range
- J (or G, I, X) - estimated value \geq the Method Detection Limit (MDL or DL) and the $<$ Limit of Quantitation (LOQ or RL)
- P - Concentration difference between the primary and confirmation column $>40\%$. The lower result is reported.
- U - Analyte was not detected at the value indicated
- V - Concentration difference between the primary and confirmation column $>100\%$. The reporting limit is raised due to this disparity and evident interference...

Additional Organic and Inorganic CLP qualifiers may be used with Form 1 reports as defined by the CLP methods. Qualifiers specific to Dioxin/Furans and PCB Congeners are detailed on the individual Analysis Report.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, ISO17025) unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff.

This report shall not be reproduced except in full, without the written approval of the laboratory.

Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" are not performed within 15 minutes.

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ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

ChevronTexaco
L4310
6001 Bollinger Canyon Rd.
San Ramon CA 94583

May 22, 2015

Project: 90504

Submittal Date: 04/24/2015
Group Number: 1556038
PO Number: 0015167993
Release Number: CMACLEOD

State of Sample Origin: CA

Client Sample Description

Lancaster Labs (LL)

SB-1-S-2.5-150420 Grab Soil	7860771
SB-1-S-5-150420 Grab Soil	7860772
SB-1-S-7.5-150420 Grab Soil	7860773
SB-1-S-10-150420 Grab Soil	7860774
SB-1-S-12-150420 Grab Soil	7860775
SB-2-S-2.5-150420 Grab Soil	7860776
SB-2-S-5-150420 Grab Soil	7860777
SB-2-S-7.5-150420 Grab Soil	7860778
SB-2-S-10-150420 Grab Soil	7860779
SB-2-S-12-150420 Grab Soil	7860780
SB-3-S-2.5-150420 Grab Soil	7860781
SB-3-S-5-150420 Grab Soil	7860782
SB-3-S-7.5-150420 Grab Soil	7860783
SB-3-S-10-150420 Grab Soil	7860784
SB-3-S-12-150420 Grab Soil	7860785
SB-4-S-2.5-150420 Grab Soil	7860786
SB-4-S-5-150420 Grab Soil	7860787
SB-4-S-7.5-150420 Grab Soil	7860788
SB-4-S-10-150420 Grab Soil	7860789
SB-4-S-12-150420 Grab Soil	7860790
SB-4-S-16-150420 NA Soil	7860791
SB-3-S-16-150420 NA Soil	7860792
SB-2-S-16-150420 NA Soil	7860793
SB-1-S-16-150420 NA Soil	7860794
SB-10-S-2.5-150421 Grab Soil	7860795
SB-10-S-5-150421 Grab Soil	7860796
SB-10-S-7.5-150421 Grab Soil	7860797
SB-10-S-10-150421 Grab Soil	7860798
SB-10-S-12-150421 Grab Soil	7860799
SB-10-S-15-150421 Grab Soil	7860800

SB-5-S-2.5-150422 Grab Soil	7860801
SB-5-S-5-150422 Grab Soil	7860802
SB-5-S-7.5-150422 Grab Soil	7860803
SB-5-S-10-150422 Grab Soil	7860804
SB-5-S-12-150422 Grab Soil	7860805
SB-5-S-16-150422 Grab Soil	7860806
SB-6-S-2.5-150422 Grab Soil	7860807
SB-6-S-5-150422 Grab Soil	7860808
SB-6-S-7.5-150422 Grab Soil	7860809
SB-6-S-10-150422 Grab Soil	7860810
SB-6-S-12-150422 Grab Soil	7860811
SB-6-S-16-150422 Grab Soil	7860812
SB-7-S-2.5-150422 Grab Soil	7860813
SB-7-S-5-150422 Grab Soil	7860814
SB-7-S-7.5-150422 Grab Soil	7860815
SB-7-S-10-150422 Grab Soil	7860816
SB-7-S-12-150422 Grab Soil	7860817
SB-7-S-16-150422 Grab Soil	7860818
SB-8-S-2.5-150422 Grab Soil	7860819
SB-8-S-5-150422 Grab Soil	7860820
SB-8-S-7.5-150422 Grab Soil	7860821
SB-8-S-10-150422 Grab Soil	7860822
SB-8-S-12-150422 Grab Soil	7860823
SB-8-S-16-150422 Grab Soil	7860824
SB-9-S-2.5-150422 Grab Soil	7860825
SB-9-S-5-150422 Grab Soil	7860826
SB-9-S-7.5-150422 Grab Soil	7860827
SB-9-S-10-150422 Grab Soil	7860828
SB-9-S-12-150422 Grab Soil	7860829
SB-9-S-16-150422 Grab Soil	7860830

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

Regulatory agencies do not accredit laboratories for all methods, analytes, and matrices. Our scopes of accreditation can be viewed at <http://www.eurofinsus.com/environment-testing/laboratories/eurofins-lancaster-laboratories-environmental/resources/certifications/>.

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ELECTRONIC COPY TO	Stantec	Attn: Marisa Kaffenberger
ELECTRONIC COPY TO	Stantec	Attn: Erin O'Malley
ELECTRONIC COPY TO	Stantec	Attn: Laura Viesselman

Respectfully Submitted,



Megan A. Moeller
Senior Specialist

(717) 556-7261

Sample Description: SB-1-S-2.5-150420 Grab Soil
Facility# 90504
15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860771
LL Group # 1556038
Account # 10869

Project Name: 90504

Collected: 04/20/2015 09:45 by DO ChevronTexaco
L4310
Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
Reported: 05/22/2015 08:30 San Ramon CA 94583

HB102

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles			SW-846 8260B	mg/kg	
10237	Benzene	71-43-2	N.D.	0.0005	1.04
10237	Ethylbenzene	100-41-4	N.D.	0.001	1.04
10237	Naphthalene	91-20-3	N.D.	0.001	1.04
10237	Toluene	108-88-3	N.D.	0.001	1.04
10237	Xylene (Total)	1330-20-7	N.D.	0.001	1.04
GC Volatiles			SW-846 8015B modified	mg/kg	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	0.5	23.81
GC Petroleum Hydrocarbons			SW-846 8015B modified	mg/kg	
02516	Total TPH	n.a.	N.D.	9.9	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	9.9	1
TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Petroleum Hydrocarbons w/Si			SW-846 8015B	mg/kg	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	3.9	1
The reverse surrogate, capric acid, is present at <1%.					

General Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/Naphthalene - Soil	SW-846 8260B	1	A151181AA	04/28/2015 10:55	Kathrine K Muramatsu	1.04
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 21:37	Mitchell R Washel	n.a.
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	2	201511437418	04/24/2015 21:37	Mitchell R Washel	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 19:11	Mitchell R Washel	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	15117A34A	04/27/2015 08:24	Jeremy C Giffin	23.81
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 19:11	Mitchell R Washel	n.a.

Sample Description: SB-1-S-2.5-150420 Grab Soil
 Facility# 90504
 15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860771
 LL Group # 1556038
 Account # 10869

Project Name: 90504

Collected: 04/20/2015 09:45 by DO ChevronTexaco
 L4310
 Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
 Reported: 05/22/2015 08:30 San Ramon CA 94583

HB102

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	151150008A	04/28/2015 03:59	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	151150007A	04/29/2015 21:35	Christine E Dolman	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	151150007A	04/27/2015 07:40	Olivia Arosemena	1
11218	TPH Fuels Soils Extraction	SW-846 3550B	1	151150008A	04/27/2015 07:40	Olivia Arosemena	1

Sample Description: SB-1-S-5-150420 Grab Soil
Facility# 90504
15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860772
LL Group # 1556038
Account # 10869

Project Name: 90504

Collected: 04/20/2015 09:50 by DO ChevronTexaco
L4310
Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
Reported: 05/22/2015 08:30 San Ramon CA 94583

HB105

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles			SW-846 8260B	mg/kg	
10237	Benzene	71-43-2	N.D.	0.0005	1.04
10237	Ethylbenzene	100-41-4	N.D.	0.001	1.04
10237	Naphthalene	91-20-3	N.D.	0.001	1.04
10237	Toluene	108-88-3	N.D.	0.001	1.04
10237	Xylene (Total)	1330-20-7	N.D.	0.001	1.04
GC Volatiles			SW-846 8015B modified	mg/kg	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	0.5	24.13
GC Petroleum Hydrocarbons			SW-846 8015B modified	mg/kg	
02516	Total TPH	n.a.	N.D.	9.9	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	9.9	1
TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Petroleum Hydrocarbons w/Si			SW-846 8015B	mg/kg	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	3.9	1
The reverse surrogate, capric acid, is present at <1%.					

General Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/Naphthalene - Soil	SW-846 8260B	1	A151181AA	04/28/2015 11:18	Kathrine K Muramatsu	1.04
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 21:37	Mitchell R Washel	n.a.
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	2	201511437418	04/24/2015 21:37	Mitchell R Washel	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 19:15	Mitchell R Washel	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	15117A34A	04/27/2015 09:00	Jeremy C Giffin	24.13
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 19:16	Mitchell R Washel	n.a.

REVISED

Sample Description: SB-1-S-5-150420 Grab Soil
Facility# 90504
15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860772
LL Group # 1556038
Account # 10869

Project Name: 90504

Collected: 04/20/2015 09:50 by DO

ChevronTexaco

L4310

Submitted: 04/24/2015 10:00

6001 Bollinger Canyon Rd.

Reported: 05/22/2015 08:30

San Ramon CA 94583

HB105

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	151150008A	04/28/2015 10:45	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	151150007A	04/30/2015 04:21	Christine E Dolman	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	151150007A	04/27/2015 07:40	Olivia Arosemena	1
11218	TPH Fuels Soils Extraction	SW-846 3550B	1	151150008A	04/27/2015 07:40	Olivia Arosemena	1

Sample Description: SB-1-S-7.5-150420 Grab Soil
Facility# 90504
15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860773
LL Group # 1556038
Account # 10869

Project Name: 90504

Collected: 04/20/2015 10:05 by DO ChevronTexaco
L4310
Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
Reported: 05/22/2015 08:30 San Ramon CA 94583

HB107

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles			SW-846 8260B	mg/kg	
10237	Benzene	71-43-2	N.D.	0.0005	1.03
10237	Ethylbenzene	100-41-4	N.D.	0.001	1.03
10237	Naphthalene	91-20-3	N.D.	0.001	1.03
10237	Toluene	108-88-3	N.D.	0.001	1.03
10237	Xylene (Total)	1330-20-7	N.D.	0.001	1.03
GC Volatiles			SW-846 8015B modified	mg/kg	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	0.5	22.81
GC Petroleum Hydrocarbons			SW-846 8015B modified	mg/kg	
02516	Total TPH	n.a.	22	9.9	1
02516	TPH Motor Oil C16-C36	n.a.	22	9.9	1
TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Petroleum Hydrocarbons w/Si			SW-846 8015B	mg/kg	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	6.7	4.0	1
The reverse surrogate, capric acid, is present at <1%.					

General Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/Naphthalene - Soil	SW-846 8260B	1	A151181AA	04/28/2015 11:41	Kathrine K Muramatsu	1.03
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 21:37	Mitchell R Washel	n.a.
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	2	201511437418	04/24/2015 21:37	Mitchell R Washel	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 19:54	Mitchell R Washel	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	15117A34A	04/27/2015 09:36	Jeremy C Giffin	22.81
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 19:55	Mitchell R Washel	n.a.

Sample Description: SB-1-S-7.5-150420 Grab Soil
 Facility# 90504
 15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860773
 LL Group # 1556038
 Account # 10869

Project Name: 90504

Collected: 04/20/2015 10:05 by DO

ChevronTexaco

L4310

Submitted: 04/24/2015 10:00

6001 Bollinger Canyon Rd.

Reported: 05/22/2015 08:30

San Ramon CA 94583

HB107

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	151150008A	04/28/2015 11:49	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	151150007A	04/30/2015 05:24	Christine E Dolman	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	151150007A	04/27/2015 07:40	Olivia Arosemena	1
11218	TPH Fuels Soils Extraction	SW-846 3550B	1	151150008A	04/27/2015 07:40	Olivia Arosemena	1

Sample Description: SB-1-S-10-150420 Grab Soil
Facility# 90504
15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860774
LL Group # 1556038
Account # 10869

Project Name: 90504

Collected: 04/20/2015 10:20 by DO ChevronTexaco
L4310
Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
Reported: 05/22/2015 08:30 San Ramon CA 94583

HB110

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles			SW-846 8260B	mg/kg	
10237	Benzene	71-43-2	N.D.	0.0005	0.98
10237	Ethylbenzene	100-41-4	N.D.	0.001	0.98
10237	Naphthalene	91-20-3	N.D.	0.001	0.98
10237	Toluene	108-88-3	N.D.	0.001	0.98
10237	Xylene (Total)	1330-20-7	N.D.	0.001	0.98
GC Volatiles			SW-846 8015B modified	mg/kg	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	0.5	25.46
GC Petroleum Hydrocarbons			SW-846 8015B modified	mg/kg	
02516	Total TPH	n.a.	N.D.	9.9	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	9.9	1
TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Petroleum Hydrocarbons w/Si			SW-846 8015B	mg/kg	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	1
The reverse surrogate, capric acid, is present at <1%.					

General Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/Naphthalene - Soil	SW-846 8260B	1	A151181AA	04/28/2015 12:03	Kathrine K Muramatsu	0.98
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 21:37	Mitchell R Washel	n.a.
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	2	201511437418	04/24/2015 21:37	Mitchell R Washel	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 20:01	Mitchell R Washel	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	15117A34A	04/27/2015 10:12	Jeremy C Giffin	25.46
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 20:01	Mitchell R Washel	n.a.

Sample Description: SB-1-S-10-150420 Grab Soil
 Facility# 90504
 15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860774
 LL Group # 1556038
 Account # 10869

Project Name: 90504

Collected: 04/20/2015 10:20 by DO

ChevronTexaco

L4310

Submitted: 04/24/2015 10:00

6001 Bollinger Canyon Rd.

Reported: 05/22/2015 08:30

San Ramon CA 94583

HB110

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	151150008A	04/28/2015 05:03	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	151150007A	04/29/2015 22:18	Christine E Dolman	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	151150007A	04/27/2015 07:40	Olivia Arosemena	1
11218	TPH Fuels Soils Extraction	SW-846 3550B	1	151150008A	04/27/2015 07:40	Olivia Arosemena	1

Sample Description: **SB-1-S-12-150420 Grab Soil**
Facility# 90504
15900 Hesperian-San Lorenz T0600100302

LL Sample # **SW 7860775**
 LL Group # **1556038**
 Account # **10869**

Project Name: **90504**

Collected: 04/20/2015 10:25 by DO ChevronTexaco
 L4310
 Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
 Reported: 05/22/2015 08:30 San Ramon CA 94583

HB112

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B			mg/kg	mg/kg	
10237	Benzene	71-43-2	N.D.	0.0005	1.04
10237	Ethylbenzene	100-41-4	N.D.	0.001	1.04
10237	Naphthalene	91-20-3	N.D.	0.001	1.04
10237	Toluene	108-88-3	N.D.	0.001	1.04
10237	Xylene (Total)	1330-20-7	N.D.	0.001	1.04
GC Volatiles SW-846 8015B modified			mg/kg	mg/kg	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	0.5	24.53
GC Petroleum SW-846 8015B modified			mg/kg	mg/kg	
Hydrocarbons					
02516	Total TPH	n.a.	N.D.	10	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	1
TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Petroleum SW-846 8015B			mg/kg	mg/kg	
Hydrocarbons w/Si					
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	1
The reverse surrogate, capric acid, is present at <1%.					

General Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/Naphthalene - Soil	SW-846 8260B	1	A151181AA	04/28/2015 12:26	Kathrine K Muramatsu	1.04
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 21:37	Mitchell R Washel	n.a.
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	2	201511437418	04/24/2015 21:37	Mitchell R Washel	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 20:13	Mitchell R Washel	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	15117A34A	04/27/2015 10:48	Jeremy C Giffin	24.53
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 20:14	Mitchell R Washel	n.a.

Sample Description: SB-1-S-12-150420 Grab Soil
 Facility# 90504
 15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860775
 LL Group # 1556038
 Account # 10869

Project Name: 90504

Collected: 04/20/2015 10:25 by DO

ChevronTexaco

L4310

Submitted: 04/24/2015 10:00

6001 Bollinger Canyon Rd.

Reported: 05/22/2015 08:30

San Ramon CA 94583

HB112

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	151150008A	04/28/2015 05:24	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	151150007A	04/29/2015 22:39	Christine E Dolman	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	151150007A	04/27/2015 07:40	Olivia Arosemena	1
11218	TPH Fuels Soils Extraction	SW-846 3550B	1	151150008A	04/27/2015 07:40	Olivia Arosemena	1

Sample Description: SB-2-S-2.5-150420 Grab Soil
Facility# 90504
15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860776
LL Group # 1556038
Account # 10869

Project Name: 90504

Collected: 04/20/2015 11:20 by DO ChevronTexaco
L4310
Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
Reported: 05/22/2015 08:30 San Ramon CA 94583

HB202

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles			SW-846 8260B	mg/kg	
10237	Benzene	71-43-2	N.D.	0.0005	0.98
10237	Ethylbenzene	100-41-4	N.D.	0.001	0.98
10237	Naphthalene	91-20-3	N.D.	0.001	0.98
10237	Toluene	108-88-3	N.D.	0.001	0.98
10237	Xylene (Total)	1330-20-7	N.D.	0.001	0.98
GC Volatiles			SW-846 8015B modified	mg/kg	
01725	TPH-GRO N. CA soil C6-C12	n.a.	0.8	0.5	23.92
GC Petroleum Hydrocarbons			SW-846 8015B modified	mg/kg	
02516	Total TPH	n.a.	N.D.	9.9	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	9.9	1
TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Petroleum Hydrocarbons w/Si			SW-846 8015B	mg/kg	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	3.9	1
The reverse surrogate, capric acid, is present at <1%.					

General Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/Naphthalene - Soil	SW-846 8260B	1	A151181AA	04/28/2015 12:49	Kathrine K Muramatsu	0.98
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 21:37	Mitchell R Washel	n.a.
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	2	201511437418	04/24/2015 21:37	Mitchell R Washel	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 20:56	Mitchell R Washel	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	15117A34A	04/27/2015 11:24	Jeremy C Giffin	23.92
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 20:57	Mitchell R Washel	n.a.

Sample Description: SB-2-S-2.5-150420 Grab Soil
 Facility# 90504
 15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860776
 LL Group # 1556038
 Account # 10869

Project Name: 90504

Collected: 04/20/2015 11:20 by DO

ChevronTexaco

L4310

Submitted: 04/24/2015 10:00

6001 Bollinger Canyon Rd.

Reported: 05/22/2015 08:30

San Ramon CA 94583

HB202

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	151150008A	04/28/2015 11:06	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	151150007A	04/30/2015 04:42	Christine E Dolman	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	151150007A	04/27/2015 07:40	Olivia Arosemena	1
11218	TPH Fuels Soils Extraction	SW-846 3550B	1	151150008A	04/27/2015 07:40	Olivia Arosemena	1

Sample Description: **SB-2-S-5-150420 Grab Soil**
Facility# 90504
15900 Hesperian-San Lorenz T0600100302

LL Sample # **SW 7860777**
 LL Group # **1556038**
 Account # **10869**

Project Name: **90504**

Collected: 04/20/2015 12:00 by DO ChevronTexaco
 L4310
 Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
 Reported: 05/22/2015 08:30 San Ramon CA 94583

HB205

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles			SW-846 8260B	mg/kg	
10237	Benzene	71-43-2	N.D.	0.0005	1.08
10237	Ethylbenzene	100-41-4	N.D.	0.001	1.08
10237	Naphthalene	91-20-3	N.D.	0.001	1.08
10237	Toluene	108-88-3	N.D.	0.001	1.08
10237	Xylene (Total)	1330-20-7	N.D.	0.001	1.08
GC Volatiles			SW-846 8015B modified	mg/kg	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	0.5	24.27
GC Petroleum Hydrocarbons			SW-846 8015B modified	mg/kg	
02516	Total TPH	n.a.	N.D.	9.9	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	9.9	1
TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Petroleum Hydrocarbons w/Si			SW-846 8015B	mg/kg	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	1
The reverse surrogate, capric acid, is present at <1%.					

General Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/Naphthalene - Soil	SW-846 8260B	1	A151181AA	04/28/2015 13:12	Kathrine K Muramatsu	1.08
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 21:37	Mitchell R Washel	n.a.
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	2	201511437418	04/24/2015 21:37	Mitchell R Washel	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 21:02	Mitchell R Washel	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	15117A34A	04/27/2015 12:00	Jeremy C Giffin	24.27
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 21:03	Mitchell R Washel	n.a.

Sample Description: SB-2-S-5-150420 Grab Soil
 Facility# 90504
 15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860777
 LL Group # 1556038
 Account # 10869

Project Name: 90504

Collected: 04/20/2015 12:00 by DO ChevronTexaco
 L4310
 Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
 Reported: 05/22/2015 08:30 San Ramon CA 94583

HB205

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	151150008A	04/28/2015 05:46	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	151150007A	04/29/2015 23:00	Christine E Dolman	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	151150007A	04/27/2015 07:40	Olivia Arosemena	1
11218	TPH Fuels Soils Extraction	SW-846 3550B	1	151150008A	04/27/2015 07:40	Olivia Arosemena	1

Sample Description: SB-2-S-7.5-150420 Grab Soil
Facility# 90504
15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860778
LL Group # 1556038
Account # 10869

Project Name: 90504

Collected: 04/20/2015 12:25 by DO ChevronTexaco
L4310
Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
Reported: 05/22/2015 08:30 San Ramon CA 94583

HB207

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles			SW-846 8260B	mg/kg	
10237	Benzene	71-43-2	N.D.	0.0005	0.95
10237	Ethylbenzene	100-41-4	N.D.	0.0009	0.95
10237	Naphthalene	91-20-3	N.D.	0.0009	0.95
10237	Toluene	108-88-3	N.D.	0.0009	0.95
10237	Xylene (Total)	1330-20-7	N.D.	0.0009	0.95
GC Volatiles			SW-846 8015B modified	mg/kg	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	0.5	25.85
GC Petroleum Hydrocarbons			SW-846 8015B modified	mg/kg	
02516	Total TPH	n.a.	N.D.	9.9	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	9.9	1
TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Petroleum Hydrocarbons w/Si			SW-846 8015B	mg/kg	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	1
The reverse surrogate, capric acid, is present at <1%.					

General Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/Naphthalene - Soil	SW-846 8260B	1	A151181AA	04/28/2015 13:34	Kathrine K Muramatsu	0.95
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 21:37	Mitchell R Washel	n.a.
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	2	201511437418	04/24/2015 21:37	Mitchell R Washel	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 21:08	Mitchell R Washel	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	15117A34A	04/27/2015 16:45	Jeremy C Giffin	25.85
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 21:09	Mitchell R Washel	n.a.

Sample Description: SB-2-S-7.5-150420 Grab Soil
Facility# 90504
15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860778
LL Group # 1556038
Account # 10869

Project Name: 90504

Collected: 04/20/2015 12:25 by DO

ChevronTexaco

L4310

Submitted: 04/24/2015 10:00

6001 Bollinger Canyon Rd.

Reported: 05/22/2015 08:30

San Ramon CA 94583

HB207

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	151150008A	04/28/2015 11:27	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	151150007A	04/30/2015 05:03	Christine E Dolman	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	151150007A	04/27/2015 07:40	Olivia Arosemena	1
11218	TPH Fuels Soils Extraction	SW-846 3550B	1	151150008A	04/27/2015 07:40	Olivia Arosemena	1

Sample Description: **SB-2-S-10-150420 Grab Soil**
Facility# 90504
15900 Hesperian-San Lorenz T0600100302

LL Sample # **SW 7860779**
 LL Group # **1556038**
 Account # **10869**

Project Name: **90504**

Collected: 04/20/2015 12:35 by DO ChevronTexaco
 L4310
 Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
 Reported: 05/22/2015 08:30 San Ramon CA 94583

HB210

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles			SW-846 8260B	mg/kg	
10237	Benzene	71-43-2	N.D.	0.0005	1.01
10237	Ethylbenzene	100-41-4	N.D.	0.001	1.01
10237	Naphthalene	91-20-3	N.D.	0.001	1.01
10237	Toluene	108-88-3	N.D.	0.001	1.01
10237	Xylene (Total)	1330-20-7	N.D.	0.001	1.01
GC Volatiles			SW-846 8015B modified	mg/kg	
01725	TPH-GRO N. CA soil C6-C12	n.a.	2.0	0.5	24.02
GC Petroleum Hydrocarbons			SW-846 8015B modified	mg/kg	
02516	Total TPH	n.a.	N.D.	9.9	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	9.9	1
TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Petroleum Hydrocarbons w/Si			SW-846 8015B	mg/kg	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	3.9	1
The reverse surrogate, capric acid, is present at <1%.					

General Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/Naphthalene - Soil	SW-846 8260B	1	A151181AA	04/28/2015 13:56	Kathrine K Muramatsu	1.01
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 21:38	Mitchell R Washel	n.a.
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	2	201511437418	04/24/2015 21:38	Mitchell R Washel	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 21:17	Mitchell R Washel	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	15117A34A	04/27/2015 17:21	Jeremy C Giffin	24.02
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 21:17	Mitchell R Washel	n.a.

Sample Description: SB-2-S-10-150420 Grab Soil
 Facility# 90504
 15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860779
 LL Group # 1556038
 Account # 10869

Project Name: 90504

Collected: 04/20/2015 12:35 by DO

ChevronTexaco

L4310

Submitted: 04/24/2015 10:00

6001 Bollinger Canyon Rd.

Reported: 05/22/2015 08:30

San Ramon CA 94583

HB210

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	151150008A	04/28/2015 06:07	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	151150007A	04/29/2015 23:22	Christine E Dolman	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	151150007A	04/27/2015 07:40	Olivia Arosemena	1
11218	TPH Fuels Soils Extraction	SW-846 3550B	1	151150008A	04/27/2015 07:40	Olivia Arosemena	1

Sample Description: SB-2-S-12-150420 Grab Soil
Facility# 90504
15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860780
LL Group # 1556038
Account # 10869

Project Name: 90504

Collected: 04/20/2015 12:40 by DO ChevronTexaco
 L4310
 Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
 Reported: 05/22/2015 08:30 San Ramon CA 94583

HB212

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles			SW-846 8260B	mg/kg	
10237	Benzene	71-43-2	N.D.	0.026	52.63
10237	Ethylbenzene	100-41-4	N.D.	0.053	52.63
10237	Naphthalene	91-20-3	N.D.	0.053	52.63
10237	Toluene	108-88-3	N.D.	0.053	52.63
10237	Xylene (Total)	1330-20-7	N.D.	0.053	52.63
Reporting limits were raised due to interference from the sample matrix.					
GC Volatiles			SW-846 8015B modified	mg/kg	
01725	TPH-GRO N. CA soil C6-C12	n.a.	150	20	991.08
GC Petroleum			SW-846 8015B modified	mg/kg	
Hydrocarbons					
02516	Total TPH	n.a.	N.D.	9.8	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	9.8	1
TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Petroleum			SW-846 8015B	mg/kg	
Hydrocarbons w/Si					
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	15	3.9	1
The reverse surrogate, capric acid, is present at <1%.					

General Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/Naphthalene - Soil	SW-846 8260B	1	Q151181AA	04/28/2015 15:21	Anita M Dale	52.63
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 21:38	Mitchell R Washel	n.a.
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	2	201511437418	04/24/2015 21:38	Mitchell R Washel	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 21:21	Mitchell R Washel	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	15119A34A	04/29/2015 17:10	Marie D Beamenderfer	991.08
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 21:22	Mitchell R Washel	n.a.

Sample Description: SB-2-S-12-150420 Grab Soil
 Facility# 90504
 15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860780
 LL Group # 1556038
 Account # 10869

Project Name: 90504

Collected: 04/20/2015 12:40 by DO ChevronTexaco
 L4310
 Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
 Reported: 05/22/2015 08:30 San Ramon CA 94583

HB212

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	151150008A	04/28/2015 06:28	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	151150007A	04/29/2015 23:43	Christine E Dolman	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	151150007A	04/27/2015 07:40	Olivia Arosemena	1
11218	TPH Fuels Soils Extraction	SW-846 3550B	1	151150008A	04/27/2015 07:40	Olivia Arosemena	1

Sample Description: SB-3-S-2.5-150420 Grab Soil
Facility# 90504
15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860781
LL Group # 1556038
Account # 10869

Project Name: 90504

Collected: 04/20/2015 14:15 by DO ChevronTexaco
L4310
Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
Reported: 05/22/2015 08:30 San Ramon CA 94583

HB302

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles			SW-846 8260B	mg/kg	
10237	Benzene	71-43-2	N.D.	0.0005	0.95
10237	Ethylbenzene	100-41-4	N.D.	0.001	0.95
10237	Naphthalene	91-20-3	N.D.	0.001	0.95
10237	Toluene	108-88-3	N.D.	0.001	0.95
10237	Xylene (Total)	1330-20-7	N.D.	0.001	0.95
GC Volatiles			SW-846 8015B modified	mg/kg	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	0.5	25.54
GC Petroleum Hydrocarbons			SW-846 8015B modified	mg/kg	
02516	Total TPH	n.a.	N.D.	10	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	1
TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Petroleum Hydrocarbons w/Si			SW-846 8015B	mg/kg	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	1
The reverse surrogate, capric acid, is present at <1%.					

General Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/Naphthalene - Soil	SW-846 8260B	1	A151181AA	04/28/2015 14:19	Kathrine K Muramatsu	0.95
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 21:38	Mitchell R Washel	n.a.
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	2	201511437418	04/24/2015 21:38	Mitchell R Washel	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 21:27	Mitchell R Washel	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	15119A34A	04/29/2015 13:34	Marie D Beamenderfer	25.54
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 21:27	Mitchell R Washel	n.a.

Sample Description: SB-3-S-2.5-150420 Grab Soil
Facility# 90504
15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860781
LL Group # 1556038
Account # 10869

Project Name: 90504

Collected: 04/20/2015 14:15 by DO

ChevronTexaco

L4310

Submitted: 04/24/2015 10:00

6001 Bollinger Canyon Rd.

Reported: 05/22/2015 08:30

San Ramon CA 94583

HB302

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	151150008A	04/28/2015 10:23	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	151150007A	04/30/2015 00:05	Christine E Dolman	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	151150007A	04/27/2015 07:40	Olivia Arosemena	1
11218	TPH Fuels Soils Extraction	SW-846 3550B	1	151150008A	04/27/2015 07:40	Olivia Arosemena	1

Sample Description: SB-3-S-5-150420 Grab Soil
Facility# 90504
15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860782
LL Group # 1556038
Account # 10869

Project Name: 90504

Collected: 04/20/2015 14:25 by DO ChevronTexaco
L4310
Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
Reported: 05/22/2015 08:30 San Ramon CA 94583

HB305

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles			SW-846 8260B	mg/kg	
10237	Benzene	71-43-2	N.D.	0.0005	0.97
10237	Ethylbenzene	100-41-4	N.D.	0.001	0.97
10237	Naphthalene	91-20-3	N.D.	0.001	0.97
10237	Toluene	108-88-3	N.D.	0.001	0.97
10237	Xylene (Total)	1330-20-7	N.D.	0.001	0.97
GC Volatiles			SW-846 8015B modified	mg/kg	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	0.5	24.78
GC Petroleum Hydrocarbons			SW-846 8015B modified	mg/kg	
02516	Total TPH	n.a.	N.D.	9.9	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	9.9	1
TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Petroleum Hydrocarbons w/Si			SW-846 8015B	mg/kg	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	1
The reverse surrogate, capric acid, is present at <1%.					

General Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/Naphthalene - Soil	SW-846 8260B	1	A151181AA	04/28/2015 14:42	Kathrine K Muramatsu	0.97
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 23:16	Lois E Hiltz	n.a.
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	2	201511437418	04/24/2015 23:16	Lois E Hiltz	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 21:06	Lois E Hiltz	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	15117A34A	04/27/2015 19:09	Jeremy C Giffin	24.78
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 21:07	Lois E Hiltz	n.a.

Sample Description: SB-3-S-5-150420 Grab Soil
Facility# 90504
15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860782
LL Group # 1556038
Account # 10869

Project Name: 90504

Collected: 04/20/2015 14:25 by DO

ChevronTexaco

L4310

Submitted: 04/24/2015 10:00

6001 Bollinger Canyon Rd.

Reported: 05/22/2015 08:30

San Ramon CA 94583

HB305

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	151150008A	04/28/2015 06:50	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	151150007A	04/30/2015 00:26	Christine E Dolman	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	151150007A	04/27/2015 07:40	Olivia Arosemena	1
11218	TPH Fuels Soils Extraction	SW-846 3550B	1	151150008A	04/27/2015 07:40	Olivia Arosemena	1

Sample Description: SB-3-S-7.5-150420 Grab Soil
Facility# 90504
15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860783
LL Group # 1556038
Account # 10869

Project Name: 90504

Collected: 04/20/2015 14:30 by DO ChevronTexaco
L4310
Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
Reported: 05/22/2015 08:30 San Ramon CA 94583

HB307

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles			SW-846 8260B	mg/kg	
10237	Benzene	71-43-2	N.D.	0.0005	0.99
10237	Ethylbenzene	100-41-4	N.D.	0.001	0.99
10237	Naphthalene	91-20-3	N.D.	0.001	0.99
10237	Toluene	108-88-3	N.D.	0.001	0.99
10237	Xylene (Total)	1330-20-7	N.D.	0.001	0.99
GC Volatiles			SW-846 8015B modified	mg/kg	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	0.5	24.32
GC Petroleum Hydrocarbons			SW-846 8015B modified	mg/kg	
02516	Total TPH	n.a.	N.D.	9.9	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	9.9	1
TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Petroleum Hydrocarbons w/Si			SW-846 8015B	mg/kg	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	1
The reverse surrogate, capric acid, is present at <1%.					

General Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/Naphthalene - Soil	SW-846 8260B	1	A151181AA	04/28/2015 15:04	Kathrine K Muramatsu	0.99
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 23:16	Lois E Hiltz	n.a.
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	2	201511437418	04/24/2015 23:16	Lois E Hiltz	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 21:16	Lois E Hiltz	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	15117A34A	04/27/2015 19:46	Jeremy C Giffin	24.32
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 21:18	Lois E Hiltz	n.a.

Sample Description: SB-3-S-7.5-150420 Grab Soil
 Facility# 90504
 15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860783
 LL Group # 1556038
 Account # 10869

Project Name: 90504

Collected: 04/20/2015 14:30 by DO

ChevronTexaco

L4310

Submitted: 04/24/2015 10:00

6001 Bollinger Canyon Rd.

Reported: 05/22/2015 08:30

San Ramon CA 94583

HB307

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	151150008A	04/28/2015 07:11	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	151150007A	04/30/2015 01:30	Christine E Dolman	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	151150007A	04/27/2015 07:40	Olivia Arosemena	1
11218	TPH Fuels Soils Extraction	SW-846 3550B	1	151150008A	04/27/2015 07:40	Olivia Arosemena	1

Sample Description: SB-3-S-10-150420 Grab Soil
Facility# 90504
15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860784
LL Group # 1556038
Account # 10869

Project Name: 90504

Collected: 04/20/2015 14:45 by DO ChevronTexaco
L4310
Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
Reported: 05/22/2015 08:30 San Ramon CA 94583

HB310

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles			SW-846 8260B	mg/kg	
10237	Benzene	71-43-2	N.D.	0.0005	0.95
10237	Ethylbenzene	100-41-4	N.D.	0.001	0.95
10237	Naphthalene	91-20-3	N.D.	0.001	0.95
10237	Toluene	108-88-3	N.D.	0.001	0.95
10237	Xylene (Total)	1330-20-7	N.D.	0.001	0.95
GC Volatiles			SW-846 8015B modified	mg/kg	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	0.5	24.34
GC Petroleum Hydrocarbons			SW-846 8015B modified	mg/kg	
02516	Total TPH	n.a.	N.D.	9.9	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	9.9	1
TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Petroleum Hydrocarbons w/Si			SW-846 8015B	mg/kg	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	1
The reverse surrogate, capric acid, is present at <1%.					

General Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/Naphthalene - Soil	SW-846 8260B	1	A151181AA	04/28/2015 15:27	Kathrine K Muramatsu	0.95
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 23:16	Lois E Hiltz	n.a.
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	2	201511437418	04/24/2015 23:16	Lois E Hiltz	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 21:26	Lois E Hiltz	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	15117A34A	04/27/2015 20:22	Jeremy C Giffin	24.34
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 21:28	Lois E Hiltz	n.a.

Sample Description: SB-3-S-10-150420 Grab Soil
 Facility# 90504
 15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860784
 LL Group # 1556038
 Account # 10869

Project Name: 90504

Collected: 04/20/2015 14:45 by DO

ChevronTexaco

L4310

Submitted: 04/24/2015 10:00

6001 Bollinger Canyon Rd.

Reported: 05/22/2015 08:30

San Ramon CA 94583

HB310

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	151150008A	04/28/2015 07:54	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	151150007A	04/30/2015 01:51	Christine E Dolman	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	151150007A	04/27/2015 07:40	Olivia Arosemena	1
11218	TPH Fuels Soils Extraction	SW-846 3550B	1	151150008A	04/27/2015 07:40	Olivia Arosemena	1

Sample Description: SB-3-S-12-150420 Grab Soil
Facility# 90504
15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860785
LL Group # 1556038
Account # 10869

Project Name: 90504

Collected: 04/20/2015 14:50 by DO ChevronTexaco
 L4310
 Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
 Reported: 05/22/2015 08:30 San Ramon CA 94583

HB312

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles			SW-846 8260B	mg/kg	
10237	Benzene	71-43-2	N.D.	0.023	45.79
10237	Ethylbenzene	100-41-4	N.D.	0.046	45.79
10237	Naphthalene	91-20-3	N.D.	0.046	45.79
10237	Toluene	108-88-3	N.D.	0.046	45.79
10237	Xylene (Total)	1330-20-7	N.D.	0.046	45.79
Reporting limits were raised due to interference from the sample matrix.					
GC Volatiles			SW-846 8015B modified	mg/kg	
01725	TPH-GRO N. CA soil C6-C12	n.a.	100	9.7	485.91
GC Petroleum			SW-846 8015B modified	mg/kg	
Hydrocarbons					
02516	Total TPH	n.a.	N.D.	9.9	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	9.9	1
TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Petroleum			SW-846 8015B	mg/kg	
Hydrocarbons w/Si					
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	13	4.0	1
The reverse surrogate, capric acid, is present at <1%.					

General Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/Naphthalene - Soil	SW-846 8260B	1	Q151181AA	04/28/2015 15:45	Anita M Dale	45.79
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 23:16	Lois E Hiltz	n.a.
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	2	201511437418	04/24/2015 23:16	Lois E Hiltz	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 21:34	Lois E Hiltz	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	15119A34A	04/29/2015 17:46	Marie D Beamenderfer	485.91
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 21:36	Lois E Hiltz	n.a.

Sample Description: SB-3-S-12-150420 Grab Soil
 Facility# 90504
 15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860785
 LL Group # 1556038
 Account # 10869

Project Name: 90504

Collected: 04/20/2015 14:50 by DO

ChevronTexaco

L4310

Submitted: 04/24/2015 10:00

6001 Bollinger Canyon Rd.

Reported: 05/22/2015 08:30

San Ramon CA 94583

HB312

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	151150008A	04/28/2015 08:15	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	151150007A	04/30/2015 02:13	Christine E Dolman	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	151150007A	04/27/2015 07:40	Olivia Arosemena	1
11218	TPH Fuels Soils Extraction	SW-846 3550B	1	151150008A	04/27/2015 07:40	Olivia Arosemena	1

Sample Description: SB-4-S-2.5-150420 Grab Soil
Facility# 90504
15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860786
LL Group # 1556038
Account # 10869

Project Name: 90504

Collected: 04/20/2015 15:25 by DO ChevronTexaco
L4310
Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
Reported: 05/22/2015 08:30 San Ramon CA 94583

HB402

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles			SW-846 8260B	mg/kg	
10237	Benzene	71-43-2	N.D.	0.0005	0.94
10237	Ethylbenzene	100-41-4	N.D.	0.0009	0.94
10237	Naphthalene	91-20-3	N.D.	0.0009	0.94
10237	Toluene	108-88-3	N.D.	0.0009	0.94
10237	Xylene (Total)	1330-20-7	N.D.	0.0009	0.94
GC Volatiles			SW-846 8015B modified	mg/kg	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	0.5	24.44
GC Petroleum Hydrocarbons			SW-846 8015B modified	mg/kg	
02516	Total TPH	n.a.	N.D.	9.9	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	9.9	1
TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Petroleum Hydrocarbons w/Si			SW-846 8015B	mg/kg	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	1
The reverse surrogate, capric acid, is present at <1%.					

General Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/Naphthalene - Soil	SW-846 8260B	1	A151181AA	04/28/2015 15:50	Kathrine K Muramatsu	0.94
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 23:16	Lois E Hiltz	n.a.
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	2	201511437418	04/24/2015 23:16	Lois E Hiltz	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 21:43	Lois E Hiltz	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	15119A34A	04/29/2015 14:10	Marie D Beamenderfer	24.44
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 21:44	Lois E Hiltz	n.a.

Sample Description: SB-4-S-2.5-150420 Grab Soil
 Facility# 90504
 15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860786
 LL Group # 1556038
 Account # 10869

Project Name: 90504

Collected: 04/20/2015 15:25 by DO

ChevronTexaco

L4310

Submitted: 04/24/2015 10:00

6001 Bollinger Canyon Rd.

Reported: 05/22/2015 08:30

San Ramon CA 94583

HB402

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	151150008A	04/28/2015 08:36	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	151150007A	04/30/2015 02:34	Christine E Dolman	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	151150007A	04/27/2015 07:40	Olivia Arosemena	1
11218	TPH Fuels Soils Extraction	SW-846 3550B	1	151150008A	04/27/2015 07:40	Olivia Arosemena	1

Sample Description: SB-4-S-5-150420 Grab Soil
Facility# 90504
15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860787
LL Group # 1556038
Account # 10869

Project Name: 90504

Collected: 04/20/2015 15:30 by DO ChevronTexaco
L4310
Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
Reported: 05/22/2015 08:30 San Ramon CA 94583

HB405

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles			SW-846 8260B	mg/kg	
10237	Benzene	71-43-2	N.D.	0.0005	0.95
10237	Ethylbenzene	100-41-4	N.D.	0.001	0.95
10237	Naphthalene	91-20-3	N.D.	0.001	0.95
10237	Toluene	108-88-3	N.D.	0.001	0.95
10237	Xylene (Total)	1330-20-7	N.D.	0.001	0.95
GC Volatiles			SW-846 8015B modified	mg/kg	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	0.5	24.73
GC Petroleum Hydrocarbons			SW-846 8015B modified	mg/kg	
02516	Total TPH	n.a.	N.D.	9.9	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	9.9	1
TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Petroleum Hydrocarbons w/Si			SW-846 8015B	mg/kg	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	3.9	1
The reverse surrogate, capric acid, is present at <1%.					

General Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/Naphthalene - Soil	SW-846 8260B	1	A151181AA	04/28/2015 16:13	Kathrine K Muramatsu	0.95
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 23:16	Lois E Hiltz	n.a.
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	2	201511437418	04/24/2015 23:16	Lois E Hiltz	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 21:51	Lois E Hiltz	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	15117A34A	04/27/2015 22:10	Jeremy C Giffin	24.73
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 21:53	Lois E Hiltz	n.a.

Sample Description: SB-4-S-5-150420 Grab Soil
 Facility# 90504
 15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860787
 LL Group # 1556038
 Account # 10869

Project Name: 90504

Collected: 04/20/2015 15:30 by DO

ChevronTexaco

L4310

Submitted: 04/24/2015 10:00

6001 Bollinger Canyon Rd.

Reported: 05/22/2015 08:30

San Ramon CA 94583

HB405

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	151150008A	04/28/2015 08:58	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	151150007A	04/30/2015 02:55	Christine E Dolman	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	151150007A	04/27/2015 07:40	Olivia Arosemena	1
11218	TPH Fuels Soils Extraction	SW-846 3550B	1	151150008A	04/27/2015 07:40	Olivia Arosemena	1

Sample Description: **SB-4-S-7.5-150420 Grab Soil**
Facility# 90504
15900 Hesperian-San Lorenz T0600100302

LL Sample # **SW 7860788**
 LL Group # **1556038**
 Account # **10869**

Project Name: **90504**

Collected: 04/20/2015 15:40 by DO ChevronTexaco
 L4310
 Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
 Reported: 05/22/2015 08:30 San Ramon CA 94583

HB407

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles			SW-846 8260B	mg/kg	
10237	Benzene	71-43-2	N.D.	0.0005	0.97
10237	Ethylbenzene	100-41-4	N.D.	0.001	0.97
10237	Naphthalene	91-20-3	N.D.	0.001	0.97
10237	Toluene	108-88-3	N.D.	0.001	0.97
10237	Xylene (Total)	1330-20-7	N.D.	0.001	0.97
GC Volatiles			SW-846 8015B modified	mg/kg	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	0.5	24.04
GC Petroleum Hydrocarbons			SW-846 8015B modified	mg/kg	
02516	Total TPH	n.a.	N.D.	9.9	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	9.9	1
TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Petroleum Hydrocarbons w/Si			SW-846 8015B	mg/kg	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	1
The reverse surrogate, capric acid, is present at <1%.					

General Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/Naphthalene - Soil	SW-846 8260B	1	A151181AA	04/28/2015 16:36	Kathrine K Muramatsu	0.97
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 23:16	Lois E Hiltz	n.a.
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	2	201511437418	04/24/2015 23:16	Lois E Hiltz	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 22:00	Lois E Hiltz	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	15117A34A	04/27/2015 22:46	Jeremy C Giffin	24.04
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 22:02	Lois E Hiltz	n.a.

Sample Description: SB-4-S-7.5-150420 Grab Soil
 Facility# 90504
 15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860788
 LL Group # 1556038
 Account # 10869

Project Name: 90504

Collected: 04/20/2015 15:40 by DO

ChevronTexaco

L4310

Submitted: 04/24/2015 10:00

6001 Bollinger Canyon Rd.

Reported: 05/22/2015 08:30

San Ramon CA 94583

HB407

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	151150008A	04/28/2015 09:19	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	151150007A	04/30/2015 03:17	Christine E Dolman	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	151150007A	04/27/2015 07:40	Olivia Arosemena	1
11218	TPH Fuels Soils Extraction	SW-846 3550B	1	151150008A	04/27/2015 07:40	Olivia Arosemena	1

Sample Description: **SB-4-S-10-150420 Grab Soil**
Facility# 90504
15900 Hesperian-San Lorenz T0600100302

LL Sample # **SW 7860789**
 LL Group # **1556038**
 Account # **10869**

Project Name: **90504**

Collected: 04/20/2015 15:50 by DO ChevronTexaco
 L4310
 Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
 Reported: 05/22/2015 08:30 San Ramon CA 94583

HB410

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles			SW-846 8260B	mg/kg	
10237	Benzene	71-43-2	N.D.	0.0005	1
10237	Ethylbenzene	100-41-4	N.D.	0.001	1
10237	Naphthalene	91-20-3	N.D.	0.001	1
10237	Toluene	108-88-3	N.D.	0.001	1
10237	Xylene (Total)	1330-20-7	N.D.	0.001	1
GC Volatiles			SW-846 8015B modified	mg/kg	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	0.5	23.76
GC Petroleum Hydrocarbons			SW-846 8015B modified	mg/kg	
02516	Total TPH	n.a.	N.D.	9.8	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	9.8	1
TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Petroleum Hydrocarbons w/Si			SW-846 8015B	mg/kg	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	3.9	1
The reverse surrogate, capric acid, is present at <1%.					

General Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/Naphthalene - Soil	SW-846 8260B	1	A151181AA	04/28/2015 16:58	Kathrine K Muramatsu	1
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 23:16	Lois E Hiltz	n.a.
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	2	201511437418	04/24/2015 23:16	Lois E Hiltz	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 22:12	Lois E Hiltz	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	15117A34A	04/27/2015 23:22	Jeremy C Giffin	23.76
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 22:14	Lois E Hiltz	n.a.

Sample Description: SB-4-S-10-150420 Grab Soil
 Facility# 90504
 15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860789
 LL Group # 1556038
 Account # 10869

Project Name: 90504

Collected: 04/20/2015 15:50 by DO

ChevronTexaco

L4310

Submitted: 04/24/2015 10:00

6001 Bollinger Canyon Rd.

Reported: 05/22/2015 08:30

San Ramon CA 94583

HB410

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	151150008A	04/28/2015 09:41	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	151150007A	04/30/2015 03:38	Christine E Dolman	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	151150007A	04/27/2015 07:40	Olivia Arosemena	1
11218	TPH Fuels Soils Extraction	SW-846 3550B	1	151150008A	04/27/2015 07:40	Olivia Arosemena	1

Sample Description: **SB-4-S-12-150420 Grab Soil**
Facility# 90504
15900 Hesperian-San Lorenz T0600100302

LL Sample # **SW 7860790**
 LL Group # **1556038**
 Account # **10869**

Project Name: **90504**

Collected: 04/20/2015 15:55 by DO ChevronTexaco
 L4310
 Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
 Reported: 05/22/2015 08:30 San Ramon CA 94583

HB412

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B			mg/kg	mg/kg	
10237	Benzene	71-43-2	N.D.	0.0005	0.99
10237	Ethylbenzene	100-41-4	0.001	0.001	0.99
10237	Naphthalene	91-20-3	0.002	0.001	0.99
10237	Toluene	108-88-3	N.D.	0.001	0.99
10237	Xylene (Total)	1330-20-7	N.D.	0.001	0.99
GC Volatiles SW-846 8015B modified			mg/kg	mg/kg	
01725	TPH-GRO N. CA soil C6-C12	n.a.	42	5.0	249
GC Petroleum SW-846 8015B modified			mg/kg	mg/kg	
Hydrocarbons					
02516	Total TPH	n.a.	N.D.	9.9	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	9.9	1
TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Petroleum SW-846 8015B			mg/kg	mg/kg	
Hydrocarbons w/Si					
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	31	4.0	1
The reverse surrogate, capric acid, is present at <1%.					

General Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/Naphthalene - Soil	SW-846 8260B	1	A151181AA	04/28/2015 18:07	Kathrine K Muramatsu	0.99
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 23:16	Lois E Hiltz	n.a.
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	2	201511437418	04/24/2015 23:16	Lois E Hiltz	n.a.
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	3	201511437418	04/24/2015 23:16	Lois E Hiltz	n.a.
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	4	201511437418	04/24/2015 23:17	Lois E Hiltz	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 22:28	Lois E Hiltz	n.a.

Sample Description: SB-4-S-12-150420 Grab Soil
Facility# 90504
15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860790
LL Group # 1556038
Account # 10869

Project Name: 90504

Collected: 04/20/2015 15:55 by DO

ChevronTexaco

L4310

Submitted: 04/24/2015 10:00

6001 Bollinger Canyon Rd.

Reported: 05/22/2015 08:30

San Ramon CA 94583

HB412

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
06646	GC/MS HL Bulk Sample Prep	SW-846 5035A Modified	2	201511437418	04/24/2015 22:30	Lois E Hiltz	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5035A Modified	3	201511437418	04/24/2015 22:31	Lois E Hiltz	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	15117A34B	04/28/2015 01:47	Marie D Beamenderfer	249
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 22:34	Lois E Hiltz	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	2	201511437418	04/24/2015 22:35	Lois E Hiltz	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	3	201511437418	04/24/2015 22:37	Lois E Hiltz	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	4	201511437418	04/24/2015 22:39	Lois E Hiltz	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	5	201511437418	04/24/2015 22:42	Lois E Hiltz	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	151150008A	04/28/2015 10:02	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	151150007A	04/30/2015 03:59	Christine E Dolman	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	151150007A	04/27/2015 07:40	Olivia Arosemena	1
11218	TPH Fuels Soils Extraction	SW-846 3550B	1	151150008A	04/27/2015 07:40	Olivia Arosemena	1

Sample Description: **SB-4-S-16-150420 NA Soil**
Facility# 90504
15900 Hesperian-San Lorenz T0600100302

LL Sample # **SW 7860791**
 LL Group # **1556038**
 Account # **10869**

Project Name: **90504**

Collected: 04/20/2015 16:40 by DO ChevronTexaco
 L4310
 Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
 Reported: 05/22/2015 08:30 San Ramon CA 94583

HB416

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B			mg/kg	mg/kg	
10237	Benzene	71-43-2	N.D.	0.0005	0.94
10237	Ethylbenzene	100-41-4	N.D.	0.0009	0.94
10237	Naphthalene	91-20-3	N.D.	0.0009	0.94
10237	Toluene	108-88-3	N.D.	0.0009	0.94
10237	Xylene (Total)	1330-20-7	N.D.	0.0009	0.94
GC Volatiles SW-846 8015B modified			mg/kg	mg/kg	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	0.5	24.39
GC Petroleum SW-846 8015B modified			mg/kg	mg/kg	
Hydrocarbons					
02516	Total TPH	n.a.	N.D.	10	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	1
TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Petroleum SW-846 8015B			mg/kg	mg/kg	
Hydrocarbons w/Si					
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	1
The reverse surrogate, capric acid, is present at <1%.					

General Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/Naphthalene - Soil	SW-846 8260B	1	A151181AA	04/28/2015 17:21	Kathrine K Muramatsu	0.94
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 23:17	Lois E Hiltz	n.a.
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	2	201511437418	04/24/2015 23:17	Lois E Hiltz	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 22:54	Lois E Hiltz	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	15117A16A	04/27/2015 17:54	Marie D Beamenderfer	24.39
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 22:56	Lois E Hiltz	n.a.

Sample Description: SB-4-S-16-150420 NA Soil
 Facility# 90504
 15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860791
 LL Group # 1556038
 Account # 10869

Project Name: 90504

Collected: 04/20/2015 16:40 by DO

ChevronTexaco

L4310

Submitted: 04/24/2015 10:00

6001 Bollinger Canyon Rd.

Reported: 05/22/2015 08:30

San Ramon CA 94583

HB416

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	151150021A	04/29/2015 01:07	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	151150020A	04/29/2015 19:48	Christine E Dolman	1
11210	DRO by 8015 Microwave w/ SG	SW-846 3546	1	151150020A	04/27/2015 16:00	Kelli M Barto	1
11218	TPH Fuels Soils Extraction	SW-846 3546	1	151150021A	04/27/2015 16:00	Kelli M Barto	1

Sample Description: SB-3-S-16-150420 NA Soil
Facility# 90504
15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860792
LL Group # 1556038
Account # 10869

Project Name: 90504

Collected: 04/20/2015 17:00 by DO ChevronTexaco
L4310
Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
Reported: 05/22/2015 08:30 San Ramon CA 94583

HB316

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles			SW-846 8260B	mg/kg	
10237	Benzene	71-43-2	N.D.	0.0005	0.97
10237	Ethylbenzene	100-41-4	N.D.	0.001	0.97
10237	Naphthalene	91-20-3	N.D.	0.001	0.97
10237	Toluene	108-88-3	N.D.	0.001	0.97
10237	Xylene (Total)	1330-20-7	N.D.	0.001	0.97
GC Volatiles			SW-846 8015B modified	mg/kg	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	0.5	24.58
GC Petroleum Hydrocarbons			SW-846 8015B modified	mg/kg	
02516	Total TPH	n.a.	N.D.	9.9	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	9.9	1
TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Petroleum Hydrocarbons w/Si			SW-846 8015B	mg/kg	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	1
The reverse surrogate, capric acid, is present at <1%.					

General Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/Naphthalene - Soil	SW-846 8260B	1	A151181AA	04/28/2015 17:44	Kathrine K Muramatsu	0.97
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 21:38	Mitchell R Washel	n.a.
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	2	201511437418	04/24/2015 21:38	Mitchell R Washel	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 21:33	Mitchell R Washel	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	15117A16A	04/27/2015 18:31	Marie D Beamenderfer	24.58
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 21:34	Mitchell R Washel	n.a.

Sample Description: SB-3-S-16-150420 NA Soil
 Facility# 90504
 15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860792
 LL Group # 1556038
 Account # 10869

Project Name: 90504

Collected: 04/20/2015 17:00 by DO ChevronTexaco
 L4310
 Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
 Reported: 05/22/2015 08:30 San Ramon CA 94583

HB316

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	151150021A	04/29/2015 02:12	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	151150020A	04/29/2015 20:31	Christine E Dolman	1
11210	DRO by 8015 Microwave w/SG	SW-846 3546	1	151150020A	04/27/2015 16:00	Kelli M Barto	1
11218	TPH Fuels Soils Extraction	SW-846 3546	1	151150021A	04/27/2015 16:00	Kelli M Barto	1

Sample Description: **SB-2-S-16-150420 NA Soil**
Facility# 90504
15900 Hesperian-San Lorenz T0600100302

LL Sample # **SW 7860793**
 LL Group # **1556038**
 Account # **10869**

Project Name: **90504**

Collected: 04/20/2015 17:20 by DO ChevronTexaco
 L4310
 Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
 Reported: 05/22/2015 08:30 San Ramon CA 94583

HB216

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles			SW-846 8260B	mg/kg	
10237	Benzene	71-43-2	N.D.	0.0005	1
10237	Ethylbenzene	100-41-4	N.D.	0.001	1
10237	Naphthalene	91-20-3	N.D.	0.001	1
10237	Toluene	108-88-3	N.D.	0.001	1
10237	Xylene (Total)	1330-20-7	N.D.	0.001	1
GC Volatiles			SW-846 8015B modified	mg/kg	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	0.5	24.51
GC Petroleum Hydrocarbons			SW-846 8015B modified	mg/kg	
02516	Total TPH	n.a.	N.D.	9.9	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	9.9	1
TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Petroleum Hydrocarbons w/Si			SW-846 8015B	mg/kg	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	1
The reverse surrogate, capric acid, is present at <1%.					

General Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/Naphthalene - Soil	SW-846 8260B	1	A151191AA	04/29/2015 13:07	Kathrine K Muramatsu	1
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 22:17	Mitchell R Washel	n.a.
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	2	201511437418	04/24/2015 22:17	Mitchell R Washel	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 21:52	Mitchell R Washel	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	15117A16A	04/27/2015 19:09	Marie D Beamenderfer	24.51
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 21:52	Mitchell R Washel	n.a.

Sample Description: SB-2-S-16-150420 NA Soil
 Facility# 90504
 15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860793
 LL Group # 1556038
 Account # 10869

Project Name: 90504

Collected: 04/20/2015 17:20 by DO ChevronTexaco
 L4310
 Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
 Reported: 05/22/2015 08:30 San Ramon CA 94583

HB216

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	151150021A	04/29/2015 02:33	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	151150020A	04/29/2015 20:53	Christine E Dolman	1
11210	DRO by 8015 Microwave w/ SG	SW-846 3546	1	151150020A	04/27/2015 16:00	Kelli M Barto	1
11218	TPH Fuels Soils Extraction	SW-846 3546	1	151150021A	04/27/2015 16:00	Kelli M Barto	1

Sample Description: SB-1-S-16-150420 NA Soil
Facility# 90504
15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860794
LL Group # 1556038
Account # 10869

Project Name: 90504

Collected: 04/20/2015 17:35 by DO ChevronTexaco
L4310
Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
Reported: 05/22/2015 08:30 San Ramon CA 94583

HB116

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles			SW-846 8260B	mg/kg	
10237	Benzene	71-43-2	N.D.	0.0005	1.03
10237	Ethylbenzene	100-41-4	N.D.	0.001	1.03
10237	Naphthalene	91-20-3	N.D.	0.001	1.03
10237	Toluene	108-88-3	N.D.	0.001	1.03
10237	Xylene (Total)	1330-20-7	N.D.	0.001	1.03
GC Volatiles			SW-846 8015B modified	mg/kg	
01725	TPH-GRO N. CA soil C6-C12	n.a.	36	1.9	95.15
GC Petroleum Hydrocarbons			SW-846 8015B modified	mg/kg	
02516	Total TPH	n.a.	N.D.	9.9	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	9.9	1
TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Petroleum Hydrocarbons w/Si			SW-846 8015B	mg/kg	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	1
The reverse surrogate, capric acid, is present at <1%.					

General Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/Naphthalene - Soil	SW-846 8260B	1	A151191AA	04/29/2015 20:19	Kathrine K Muramatsu	1.03
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 22:17	Mitchell R Washel	n.a.
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	2	201511437418	04/24/2015 22:17	Mitchell R Washel	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 22:03	Mitchell R Washel	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	15117A16A	04/28/2015 06:17	Marie D Beamenderfer	95.15
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 22:04	Mitchell R Washel	n.a.

Sample Description: SB-1-S-16-150420 NA Soil
 Facility# 90504
 15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860794
 LL Group # 1556038
 Account # 10869

Project Name: 90504

Collected: 04/20/2015 17:35 by DO

ChevronTexaco

L4310

Submitted: 04/24/2015 10:00

6001 Bollinger Canyon Rd.

Reported: 05/22/2015 08:30

San Ramon CA 94583

HB116

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	151150021A	04/29/2015 02:55	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	151150020A	04/29/2015 21:14	Christine E Dolman	1
11210	DRO by 8015 Microwave w/ SG	SW-846 3546	1	151150020A	04/27/2015 16:00	Kelli M Barto	1
11218	TPH Fuels Soils Extraction	SW-846 3546	1	151150021A	04/27/2015 16:00	Kelli M Barto	1

Sample Description: **SB-10-S-2.5-150421 Grab Soil**
Facility# 90504
15900 Hesperian-San Lorenz T0600100302

LL Sample # **SW 7860795**
 LL Group # **1556038**
 Account # **10869**

Project Name: **90504**

Collected: 04/21/2015 12:00 by DO ChevronTexaco
 L4310
 Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
 Reported: 05/22/2015 08:30 San Ramon CA 94583

H1002

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B			mg/kg	mg/kg	
10237	Benzene	71-43-2	N.D.	0.0005	0.97
10237	Ethylbenzene	100-41-4	N.D.	0.001	0.97
10237	Naphthalene	91-20-3	0.008	0.001	0.97
10237	Toluene	108-88-3	N.D.	0.001	0.97
10237	Xylene (Total)	1330-20-7	N.D.	0.001	0.97
GC Volatiles SW-846 8015B modified			mg/kg	mg/kg	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	0.5	23.81
GC Petroleum SW-846 8015B modified			mg/kg	mg/kg	
Hydrocarbons					
02516	Total TPH	n.a.	N.D.	10	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	1
TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Petroleum SW-846 8015B			mg/kg	mg/kg	
Hydrocarbons w/Si					
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	1
The reverse surrogate, capric acid, is present at <1%.					

General Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/Naphthalene - Soil	SW-846 8260B	1	A151191AA	04/29/2015 13:30	Kathrine K Muramatsu	0.97
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 22:17	Mitchell R Washel	n.a.
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	2	201511437418	04/24/2015 22:17	Mitchell R Washel	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 22:10	Mitchell R Washel	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	15117A16A	04/27/2015 19:47	Marie D Beamenderfer	23.81
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 22:10	Mitchell R Washel	n.a.

Sample Description: SB-10-S-2.5-150421 Grab Soil
 Facility# 90504
 15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860795
 LL Group # 1556038
 Account # 10869

Project Name: 90504

Collected: 04/21/2015 12:00 by DO

ChevronTexaco

L4310

Submitted: 04/24/2015 10:00

6001 Bollinger Canyon Rd.

Reported: 05/22/2015 08:30

San Ramon CA 94583

H1002

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	151150021A	04/29/2015 03:16	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	151150020A	04/29/2015 21:35	Christine E Dolman	1
11210	DRO by 8015 Microwave w/ SG	SW-846 3546	1	151150020A	04/27/2015 16:00	Kelli M Barto	1
11218	TPH Fuels Soils Extraction	SW-846 3546	1	151150021A	04/27/2015 16:00	Kelli M Barto	1

Sample Description: **SB-10-S-5-150421 Grab Soil**
Facility# 90504
15900 Hesperian-San Lorenz T0600100302

LL Sample # **SW 7860796**
 LL Group # **1556038**
 Account # **10869**

Project Name: **90504**

Collected: 04/21/2015 12:10 by DO ChevronTexaco
 L4310
 Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
 Reported: 05/22/2015 08:30 San Ramon CA 94583

H1005

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B			mg/kg	mg/kg	
10237	Benzene	71-43-2	N.D.	0.0005	1
10237	Ethylbenzene	100-41-4	N.D.	0.001	1
10237	Naphthalene	91-20-3	0.013	0.001	1
10237	Toluene	108-88-3	N.D.	0.001	1
10237	Xylene (Total)	1330-20-7	N.D.	0.001	1
GC Volatiles SW-846 8015B modified			mg/kg	mg/kg	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	0.5	25.35
GC Petroleum SW-846 8015B modified			mg/kg	mg/kg	
Hydrocarbons					
02516	Total TPH	n.a.	N.D.	10	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	1
TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Petroleum SW-846 8015B			mg/kg	mg/kg	
Hydrocarbons w/Si					
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	1
The reverse surrogate, capric acid, is present at <1%.					

General Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/Naphthalene - Soil	SW-846 8260B	1	A151191AA	04/29/2015 13:53	Kathrine K Muramatsu	1
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 22:17	Mitchell R Washel	n.a.
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	2	201511437418	04/24/2015 22:17	Mitchell R Washel	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 22:16	Mitchell R Washel	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	15117A16A	04/27/2015 20:25	Marie D Beamenderfer	25.35
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	1	201511437418	04/24/2015 22:17	Mitchell R Washel	n.a.

Sample Description: SB-10-S-5-150421 Grab Soil
 Facility# 90504
 15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860796
 LL Group # 1556038
 Account # 10869

Project Name: 90504

Collected: 04/21/2015 12:10 by DO ChevronTexaco
 L4310
 Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
 Reported: 05/22/2015 08:30 San Ramon CA 94583

H1005

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	151150021A	04/29/2015 07:57	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	151150020A	04/29/2015 21:57	Christine E Dolman	1
11210	DRO by 8015 Microwave w/ SG	SW-846 3546	1	151150020A	04/27/2015 16:00	Kelli M Barto	1
11218	TPH Fuels Soils Extraction	SW-846 3546	1	151150021A	04/27/2015 16:00	Kelli M Barto	1

Sample Description: SB-10-S-7.5-150421 Grab Soil
Facility# 90504
15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860797
LL Group # 1556038
Account # 10869

Project Name: 90504

Collected: 04/21/2015 12:30 by DO ChevronTexaco
L4310
Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
Reported: 05/22/2015 08:30 San Ramon CA 94583

H1007

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles			SW-846 8260B	mg/kg	
10237	Benzene	71-43-2	N.D.	0.0005	1
10237	Ethylbenzene	100-41-4	N.D.	0.001	1
10237	Naphthalene	91-20-3	N.D.	0.001	1
10237	Toluene	108-88-3	N.D.	0.001	1
10237	Xylene (Total)	1330-20-7	N.D.	0.001	1
The recovery for the sample internal standard is outside the QC acceptance limits. The following corrective action was taken: The sample was re-analyzed and the QC is again outside of the acceptance limits, indicating a matrix effect. The data is reported from the initial trial.					
GC Volatiles			SW-846 8015B modified	mg/kg	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	0.5	24.13
GC Petroleum Hydrocarbons			SW-846 8015B modified	mg/kg	
02516	Total TPH	n.a.	N.D.	9.9	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	9.9	1
TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Petroleum Hydrocarbons w/Si			SW-846 8015B	mg/kg	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	1
The reverse surrogate, capric acid, is present at <1%.					

General Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/Naphthalene - Soil	SW-846 8260B	1	A151191AA	04/29/2015 14:15	Kathrine K Muramatsu	1
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	1	201511537421	04/25/2015 12:19	Lisa J Cooke	n.a.
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	2	201511537421	04/25/2015 12:19	Lisa J Cooke	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5035A Modified	1	201511537420	04/25/2015 11:05	Lisa J Cooke	n.a.

Sample Description: SB-10-S-7.5-150421 Grab Soil
 Facility# 90504
 15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860797
 LL Group # 1556038
 Account # 10869

Project Name: 90504

Collected: 04/21/2015 12:30 by DO ChevronTexaco
 L4310
 Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
 Reported: 05/22/2015 08:30 San Ramon CA 94583

H1007

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	15117A16A	04/27/2015 21:02	Marie D Beamenderfer	24.13
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	1	201511537420	04/25/2015 11:06	Lisa J Cooke	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	151150021A	04/29/2015 03:38	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	151150020A	04/29/2015 22:18	Christine E Dolman	1
11210	DRO by 8015 Microwave w/ SG	SW-846 3546	1	151150020A	04/27/2015 16:00	Kelli M Barto	1
11218	TPH Fuels Soils Extraction	SW-846 3546	1	151150021A	04/27/2015 16:00	Kelli M Barto	1

Sample Description: SB-10-S-10-150421 Grab Soil
Facility# 90504
15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860798
LL Group # 1556038
Account # 10869

Project Name: 90504

Collected: 04/21/2015 12:40 by DO ChevronTexaco
 L4310
 Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
 Reported: 05/22/2015 08:30 San Ramon CA 94583

H1010

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles			SW-846 8260B	mg/kg	
10237	Benzene	71-43-2	N.D.	0.0005	0.95
10237	Ethylbenzene	100-41-4	N.D.	0.001	0.95
10237	Naphthalene	91-20-3	N.D.	0.001	0.95
10237	Toluene	108-88-3	N.D.	0.001	0.95
10237	Xylene (Total)	1330-20-7	N.D.	0.001	0.95
GC Volatiles			SW-846 8015B modified	mg/kg	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	0.5	23.76
GC Petroleum Hydrocarbons			SW-846 8015B modified	mg/kg	
02516	Total TPH	n.a.	N.D.	10	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	1
TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Petroleum Hydrocarbons w/Si			SW-846 8015B	mg/kg	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	1
The reverse surrogate, capric acid, is present at <1%.					

General Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/Naphthalene - Soil	SW-846 8260B	1	A151191AA	04/29/2015 14:38	Kathrine K Muramatsu	0.95
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	1	201511537421	04/25/2015 12:19	Lisa J Cooke	n.a.
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	2	201511537421	04/25/2015 12:19	Lisa J Cooke	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5035A Modified	1	201511537420	04/25/2015 11:14	Lisa J Cooke	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	15117A16A	04/27/2015 21:40	Marie D Beamenderfer	23.76
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	1	201511537420	04/25/2015 11:14	Lisa J Cooke	n.a.

REVISED

Sample Description: SB-10-S-10-150421 Grab Soil
Facility# 90504
15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860798
LL Group # 1556038
Account # 10869

Project Name: 90504

Collected: 04/21/2015 12:40 by DO

ChevronTexaco

L4310

Submitted: 04/24/2015 10:00

6001 Bollinger Canyon Rd.

Reported: 05/22/2015 08:30

San Ramon CA 94583

H1010

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	151150021A	04/29/2015 04:00	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	151150020A	04/29/2015 22:39	Christine E Dolman	1
11210	DRO by 8015 Microwave w/ SG	SW-846 3546	1	151150020A	04/27/2015 16:00	Kelli M Barto	1
11218	TPH Fuels Soils Extraction	SW-846 3546	1	151150021A	04/27/2015 16:00	Kelli M Barto	1

Sample Description: SB-10-S-12-150421 Grab Soil
Facility# 90504
15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860799
LL Group # 1556038
Account # 10869

Project Name: 90504

Collected: 04/21/2015 12:45 by DO ChevronTexaco
 L4310
 Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
 Reported: 05/22/2015 08:30 San Ramon CA 94583

H1012

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles			SW-846 8260B	mg/kg	
10237	Benzene	71-43-2	N.D.	0.0005	1.02
10237	Ethylbenzene	100-41-4	N.D.	0.001	1.02
10237	Naphthalene	91-20-3	N.D.	0.001	1.02
10237	Toluene	108-88-3	N.D.	0.001	1.02
10237	Xylene (Total)	1330-20-7	N.D.	0.001	1.02
GC Volatiles			SW-846 8015B modified	mg/kg	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	0.5	24.32
GC Petroleum Hydrocarbons			SW-846 8015B modified	mg/kg	
02516	Total TPH	n.a.	N.D.	10	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	1
TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Petroleum Hydrocarbons w/Si			SW-846 8015B	mg/kg	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	1
The reverse surrogate, capric acid, is present at <1%.					

General Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/Naphthalene - Soil	SW-846 8260B	1	A151191AA	04/29/2015 15:01	Kathrine K Muramatsu	1.02
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	1	201511537421	04/25/2015 12:19	Lisa J Cooke	n.a.
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	2	201511537421	04/25/2015 12:19	Lisa J Cooke	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5035A Modified	1	201511537420	04/25/2015 11:20	Lisa J Cooke	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	15117A16A	04/27/2015 22:18	Marie D Beamenderfer	24.32
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	1	201511537420	04/25/2015 11:21	Lisa J Cooke	n.a.

Sample Description: SB-10-S-12-150421 Grab Soil
 Facility# 90504
 15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860799
 LL Group # 1556038
 Account # 10869

Project Name: 90504

Collected: 04/21/2015 12:45 by DO

ChevronTexaco

L4310

Submitted: 04/24/2015 10:00

6001 Bollinger Canyon Rd.

Reported: 05/22/2015 08:30

San Ramon CA 94583

H1012

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	151150021A	04/29/2015 04:21	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	151150020A	04/29/2015 23:43	Christine E Dolman	1
11210	DRO by 8015 Microwave w/ SG	SW-846 3546	1	151150020A	04/27/2015 16:00	Kelli M Barto	1
11218	TPH Fuels Soils Extraction	SW-846 3546	1	151150021A	04/27/2015 16:00	Kelli M Barto	1

Sample Description: SB-10-S-15-150421 Grab Soil
Facility# 90504
15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860800
LL Group # 1556038
Account # 10869

Project Name: 90504

Collected: 04/21/2015 12:50 by DO ChevronTexaco
L4310
Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
Reported: 05/22/2015 08:30 San Ramon CA 94583

H1016

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles			SW-846 8260B	mg/kg	
10237	Benzene	71-43-2	N.D.	0.0005	0.96
10237	Ethylbenzene	100-41-4	N.D.	0.001	0.96
10237	Naphthalene	91-20-3	N.D.	0.001	0.96
10237	Toluene	108-88-3	N.D.	0.001	0.96
10237	Xylene (Total)	1330-20-7	N.D.	0.001	0.96
GC Volatiles			SW-846 8015B modified	mg/kg	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	0.5	23.13
GC Petroleum Hydrocarbons			SW-846 8015B modified	mg/kg	
02516	Total TPH	n.a.	N.D.	10	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	1
TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Petroleum Hydrocarbons w/Si			SW-846 8015B	mg/kg	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	1
The reverse surrogate, capric acid, is present at <1%.					

General Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/Naphthalene - Soil	SW-846 8260B	1	A151191AA	04/29/2015 15:24	Kathrine K Muramatsu	0.96
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	1	201511537421	04/25/2015 12:19	Lisa J Cooke	n.a.
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	2	201511537421	04/25/2015 12:19	Lisa J Cooke	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5035A Modified	1	201511537420	04/25/2015 11:26	Lisa J Cooke	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	15117A16A	04/27/2015 22:56	Marie D Beamenderfer	23.13
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	1	201511537420	04/25/2015 11:27	Lisa J Cooke	n.a.

Sample Description: SB-10-S-15-150421 Grab Soil
 Facility# 90504
 15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860800
 LL Group # 1556038
 Account # 10869

Project Name: 90504

Collected: 04/21/2015 12:50 by DO ChevronTexaco
 L4310
 Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
 Reported: 05/22/2015 08:30 San Ramon CA 94583

H1016

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	151150021A	04/29/2015 04:43	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	151150020A	04/30/2015 00:05	Christine E Dolman	1
11210	DRO by 8015 Microwave w/SG	SW-846 3546	1	151150020A	04/27/2015 16:00	Kelli M Barto	1
11218	TPH Fuels Soils Extraction	SW-846 3546	1	151150021A	04/27/2015 16:00	Kelli M Barto	1

Sample Description: **SB-5-S-2.5-150422 Grab Soil**
Facility# 90504
15900 Hesperian-San Lorenz T0600100302

LL Sample # **SW 7860801**
 LL Group # **1556038**
 Account # **10869**

Project Name: **90504**

Collected: 04/22/2015 15:15 by DO ChevronTexaco
 L4310
 Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
 Reported: 05/22/2015 08:30 San Ramon CA 94583

HB502

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles			SW-846 8260B	mg/kg	
10237	Benzene	71-43-2	N.D.	0.0005	1.04
10237	Ethylbenzene	100-41-4	N.D.	0.001	1.04
10237	Naphthalene	91-20-3	N.D.	0.001	1.04
10237	Toluene	108-88-3	N.D.	0.001	1.04
10237	Xylene (Total)	1330-20-7	N.D.	0.001	1.04
GC Volatiles			SW-846 8015B modified	mg/kg	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	0.5	26.1
GC Petroleum Hydrocarbons			SW-846 8015B modified	mg/kg	
02516	Total TPH	n.a.	210	10	1
02516	TPH Motor Oil C16-C36	n.a.	210	10	1
TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Petroleum Hydrocarbons w/Si			SW-846 8015B	mg/kg	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	87	4.0	1
Due to the presence of fuel in the sample extract, capric acid recovery can not be determined.					

General Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/Naphthalene - Soil	SW-846 8260B	1	A151191AA	04/29/2015 15:47	Kathrine K Muramatsu	1.04
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	1	201511537421	04/25/2015 12:19	Lisa J Cooke	n.a.
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	2	201511537421	04/25/2015 12:19	Lisa J Cooke	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5035A Modified	1	201511537420	04/25/2015 11:38	Lisa J Cooke	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	15117A16A	04/27/2015 23:34	Marie D Beamenderfer	26.1
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	1	201511537420	04/25/2015 11:39	Lisa J Cooke	n.a.

Sample Description: SB-5-S-2.5-150422 Grab Soil
 Facility# 90504
 15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860801
 LL Group # 1556038
 Account # 10869

Project Name: 90504

Collected: 04/22/2015 15:15 by DO

ChevronTexaco

L4310

Submitted: 04/24/2015 10:00

6001 Bollinger Canyon Rd.

Reported: 05/22/2015 08:30

San Ramon CA 94583

HB502

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	151150021A	04/29/2015 09:01	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	151150020A	04/30/2015 03:38	Christine E Dolman	1
11210	DRO by 8015 Microwave w/ SG	SW-846 3546	1	151150020A	04/27/2015 16:00	Kelli M Barto	1
11218	TPH Fuels Soils Extraction	SW-846 3546	1	151150021A	04/27/2015 16:00	Kelli M Barto	1

Sample Description: SB-5-S-5-150422 Grab Soil
Facility# 90504
15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860802
LL Group # 1556038
Account # 10869

Project Name: 90504

Collected: 04/22/2015 15:25 by DO ChevronTexaco
L4310
Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
Reported: 05/22/2015 08:30 San Ramon CA 94583

HB505

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles			SW-846 8260B	mg/kg	
10237	Benzene	71-43-2	N.D.	0.0005	1.06
10237	Ethylbenzene	100-41-4	N.D.	0.001	1.06
10237	Naphthalene	91-20-3	N.D.	0.001	1.06
10237	Toluene	108-88-3	N.D.	0.001	1.06
10237	Xylene (Total)	1330-20-7	N.D.	0.001	1.06
GC Volatiles			SW-846 8015B modified	mg/kg	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	0.5	24.68
GC Petroleum Hydrocarbons			SW-846 8015B modified	mg/kg	
02516	Total TPH	n.a.	N.D.	10	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	1
TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Petroleum Hydrocarbons w/Si			SW-846 8015B	mg/kg	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	4.0	4.0	1
The reverse surrogate, capric acid, is present at <1%.					

General Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/Naphthalene - Soil	SW-846 8260B	1	A151191AA	04/29/2015 16:09	Kathrine K Muramatsu	1.06
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	1	201511537421	04/25/2015 12:19	Lisa J Cooke	n.a.
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	2	201511537421	04/25/2015 12:19	Lisa J Cooke	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5035A Modified	1	201511537420	04/25/2015 11:49	Lisa J Cooke	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	15117A16A	04/28/2015 00:49	Marie D Beamenderfer	24.68
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	1	201511537420	04/25/2015 11:50	Lisa J Cooke	n.a.

REVISED

Sample Description: SB-5-S-5-150422 Grab Soil
 Facility# 90504
 15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860802
 LL Group # 1556038
 Account # 10869

Project Name: 90504

Collected: 04/22/2015 15:25 by DO

ChevronTexaco

L4310

Submitted: 04/24/2015 10:00

6001 Bollinger Canyon Rd.

Reported: 05/22/2015 08:30

San Ramon CA 94583

HB505

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	151150021A	04/29/2015 08:19	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	151150020A	04/30/2015 02:55	Christine E Dolman	1
11210	DRO by 8015 Microwave w/ SG	SW-846 3546	1	151150020A	04/27/2015 16:00	Kelli M Barto	1
11218	TPH Fuels Soils Extraction	SW-846 3546	1	151150021A	04/27/2015 16:00	Kelli M Barto	1

Sample Description: SB-5-S-7.5-150422 Grab Soil
Facility# 90504
15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860803
LL Group # 1556038
Account # 10869

Project Name: 90504

Collected: 04/22/2015 15:30 by DO ChevronTexaco
L4310
Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
Reported: 05/22/2015 08:30 San Ramon CA 94583

HB507

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles			SW-846 8260B	mg/kg	
10237	Benzene	71-43-2	N.D.	0.0005	1.07
10237	Ethylbenzene	100-41-4	N.D.	0.001	1.07
10237	Naphthalene	91-20-3	N.D.	0.001	1.07
10237	Toluene	108-88-3	N.D.	0.001	1.07
10237	Xylene (Total)	1330-20-7	0.002	0.001	1.07
GC Volatiles			SW-846 8015B modified	mg/kg	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	0.5	23.3
GC Petroleum Hydrocarbons			SW-846 8015B modified	mg/kg	
02516	Total TPH	n.a.	N.D.	10	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	1
TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Petroleum Hydrocarbons w/Si			SW-846 8015B	mg/kg	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	1
The reverse surrogate, capric acid, is present at <1%.					

General Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/Naphthalene - Soil	SW-846 8260B	1	A151192AA	04/30/2015 01:29	Kathrine K Muramatsu	1.07
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	1	201511537421	04/25/2015 12:19	Lisa J Cooke	n.a.
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	2	201511537421	04/25/2015 12:19	Lisa J Cooke	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5035A Modified	1	201511537420	04/25/2015 11:58	Lisa J Cooke	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	15117A16A	04/28/2015 01:27	Marie D Beamenderfer	23.3
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	1	201511537420	04/25/2015 11:59	Lisa J Cooke	n.a.

Sample Description: SB-5-S-7.5-150422 Grab Soil
 Facility# 90504
 15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860803
 LL Group # 1556038
 Account # 10869

Project Name: 90504

Collected: 04/22/2015 15:30 by DO ChevronTexaco
 L4310
 Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
 Reported: 05/22/2015 08:30 San Ramon CA 94583

HB507

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	151150021A	04/29/2015 05:26	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	151150020A	04/30/2015 00:26	Christine E Dolman	1
11210	DRO by 8015 Microwave w/ SG	SW-846 3546	1	151150020A	04/27/2015 16:00	Kelli M Barto	1
11218	TPH Fuels Soils Extraction	SW-846 3546	1	151150021A	04/27/2015 16:00	Kelli M Barto	1

Sample Description: **SB-5-S-10-150422 Grab Soil**
Facility# 90504
15900 Hesperian-San Lorenz T0600100302

LL Sample # **SW 7860804**
 LL Group # **1556038**
 Account # **10869**

Project Name: **90504**

Collected: 04/22/2015 15:40 by DO ChevronTexaco
 L4310
 Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
 Reported: 05/22/2015 08:30 San Ramon CA 94583

HB510

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles			SW-846 8260B	mg/kg	
10237	Benzene	71-43-2	N.D.	0.0005	0.95
10237	Ethylbenzene	100-41-4	N.D.	0.0009	0.95
10237	Naphthalene	91-20-3	N.D.	0.0009	0.95
10237	Toluene	108-88-3	N.D.	0.0009	0.95
10237	Xylene (Total)	1330-20-7	N.D.	0.0009	0.95
GC Volatiles			SW-846 8015B modified	mg/kg	
01725	TPH-GRO N. CA soil C6-C12	n.a.	22	0.5	24.61
GC Petroleum Hydrocarbons			SW-846 8015B modified	mg/kg	
02516	Total TPH	n.a.	44	10	1
02516	TPH Motor Oil C16-C36	n.a.	44	10	1
TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Petroleum Hydrocarbons w/Si			SW-846 8015B	mg/kg	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	79	4.0	1
Due to the presence of fuel in the sample extract, capric acid recovery can not be determined.					

General Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/Naphthalene - Soil	SW-846 8260B	1	A151191AA	04/29/2015 16:54	Kathrine K Muramatsu	0.95
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	1	201511537421	04/25/2015 12:20	Lisa J Cooke	n.a.
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	2	201511537421	04/25/2015 12:20	Lisa J Cooke	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5035A Modified	1	201511537420	04/25/2015 12:09	Lisa J Cooke	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	15117A16A	04/28/2015 02:05	Marie D Beamenderfer	24.61
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	1	201511537420	04/25/2015 12:09	Lisa J Cooke	n.a.

Sample Description: SB-5-S-10-150422 Grab Soil
 Facility# 90504
 15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860804
 LL Group # 1556038
 Account # 10869

Project Name: 90504

Collected: 04/22/2015 15:40 by DO ChevronTexaco
 L4310
 Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
 Reported: 05/22/2015 08:30 San Ramon CA 94583

HB510

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	151150021A	04/29/2015 05:48	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	151150020A	04/30/2015 00:47	Christine E Dolman	1
11210	DRO by 8015 Microwave w/ SG	SW-846 3546	1	151150020A	04/27/2015 16:00	Kelli M Barto	1
11218	TPH Fuels Soils Extraction	SW-846 3546	1	151150021A	04/27/2015 16:00	Kelli M Barto	1

Sample Description: SB-5-S-12-150422 Grab Soil
Facility# 90504
15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860805
LL Group # 1556038
Account # 10869

Project Name: 90504

Collected: 04/22/2015 15:45 by DO ChevronTexaco
 L4310
 Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
 Reported: 05/22/2015 08:30 San Ramon CA 94583

HB512

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles			SW-846 8260B	mg/kg	
10237	Benzene	71-43-2	N.D.	0.0005	0.91
10237	Ethylbenzene	100-41-4	N.D.	0.0009	0.91
10237	Naphthalene	91-20-3	N.D.	0.0009	0.91
10237	Toluene	108-88-3	N.D.	0.0009	0.91
10237	Xylene (Total)	1330-20-7	N.D.	0.0009	0.91
GC Volatiles			SW-846 8015B modified	mg/kg	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	0.5	24.3
GC Petroleum Hydrocarbons			SW-846 8015B modified	mg/kg	
02516	Total TPH	n.a.	N.D.	12	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	12	1
<p>TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons. Reporting limits were raised due to limited sample volume.</p>					
GC Petroleum Hydrocarbons w/Si			SW-846 8015B	mg/kg	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.8	1
<p>The reverse surrogate, capric acid, is present at <1%.</p>					

General Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/Naphthalene - Soil	SW-846 8260B	1	A151191AA	04/29/2015 21:05	Kathrine K Muramatsu	0.91
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	1	201511537421	04/25/2015 12:20	Lisa J Cooke	n.a.
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	2	201511537421	04/25/2015 12:20	Lisa J Cooke	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5035A Modified	1	201511537420	04/25/2015 12:15	Lisa J Cooke	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	15117A16A	04/28/2015 02:42	Marie D Beamenderfer	24.3
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	1	201511537420	04/25/2015 12:16	Lisa J Cooke	n.a.

Sample Description: SB-5-S-12-150422 Grab Soil
 Facility# 90504
 15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860805
 LL Group # 1556038
 Account # 10869

Project Name: 90504

Collected: 04/22/2015 15:45 by DO

ChevronTexaco

L4310

Submitted: 04/24/2015 10:00

6001 Bollinger Canyon Rd.

Reported: 05/22/2015 08:30

San Ramon CA 94583

HB512

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	151150021A	04/29/2015 06:09	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	151150020A	04/30/2015 01:09	Christine E Dolman	1
11210	DRO by 8015 Microwave w/ SG	SW-846 3546	1	151150020A	04/27/2015 16:00	Kelli M Barto	1
11218	TPH Fuels Soils Extraction	SW-846 3546	1	151150021A	04/27/2015 16:00	Kelli M Barto	1

Sample Description: SB-5-S-16-150422 Grab Soil
Facility# 90504
15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860806
LL Group # 1556038
Account # 10869

Project Name: 90504

Collected: 04/22/2015 15:50 by DO ChevronTexaco
L4310
Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
Reported: 05/22/2015 08:30 San Ramon CA 94583

HB516

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles			SW-846 8260B	mg/kg	
10237	Benzene	71-43-2	N.D.	0.0005	1.05
10237	Ethylbenzene	100-41-4	N.D.	0.001	1.05
10237	Naphthalene	91-20-3	N.D.	0.001	1.05
10237	Toluene	108-88-3	N.D.	0.001	1.05
10237	Xylene (Total)	1330-20-7	N.D.	0.001	1.05
GC Volatiles			SW-846 8015B modified	mg/kg	
01725	TPH-GRO N. CA soil C6-C12	n.a.	0.9	0.5	26.04
GC Petroleum Hydrocarbons			SW-846 8015B modified	mg/kg	
02516	Total TPH	n.a.	N.D.	10	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	1
TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Petroleum Hydrocarbons w/Si			SW-846 8015B	mg/kg	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	1
The reverse surrogate, capric acid, is present at <1%.					

General Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/Naphthalene - Soil	SW-846 8260B	1	A151191AA	04/29/2015 17:39	Kathrine K Muramatsu	1.05
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 14:24	Mitchell R Washel	n.a.
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	2	201511537424	04/25/2015 14:24	Mitchell R Washel	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 12:39	Mitchell R Washel	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	15117A16A	04/28/2015 03:20	Marie D Beamenderfer	26.04
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 12:40	Mitchell R Washel	n.a.

Sample Description: SB-5-S-16-150422 Grab Soil
 Facility# 90504
 15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860806
 LL Group # 1556038
 Account # 10869

Project Name: 90504

Collected: 04/22/2015 15:50 by DO

ChevronTexaco

L4310

Submitted: 04/24/2015 10:00

6001 Bollinger Canyon Rd.

Reported: 05/22/2015 08:30

San Ramon CA 94583

HB516

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	151150021A	04/29/2015 06:31	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	151150020A	04/30/2015 01:30	Christine E Dolman	1
11210	DRO by 8015 Microwave w/ SG	SW-846 3546	1	151150020A	04/27/2015 16:00	Kelli M Barto	1
11218	TPH Fuels Soils Extraction	SW-846 3546	1	151150021A	04/27/2015 16:00	Kelli M Barto	1

Sample Description: SB-6-S-2.5-150422 Grab Soil
Facility# 90504
15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860807
LL Group # 1556038
Account # 10869

Project Name: 90504

Collected: 04/22/2015 09:05 by DO ChevronTexaco
 L4310
 Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
 Reported: 05/22/2015 08:30 San Ramon CA 94583

HB602

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B mg/kg					
10237	Benzene	71-43-2	N.D.	0.0005	0.97
10237	Ethylbenzene	100-41-4	N.D.	0.001	0.97
10237	Naphthalene	91-20-3	N.D.	0.001	0.97
10237	Toluene	108-88-3	N.D.	0.001	0.97
10237	Xylene (Total)	1330-20-7	N.D.	0.001	0.97
GC Volatiles SW-846 8015B modified mg/kg					
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	5.0	248.26
Reporting limits were raised due to sample foaming.					
GC Petroleum Hydrocarbons SW-846 8015B modified mg/kg					
02516	Total TPH	n.a.	23	9.9	1
02516	TPH Motor Oil C16-C36	n.a.	23	9.9	1
TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Petroleum Hydrocarbons w/Si SW-846 8015B mg/kg					
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	13	4.0	1
The reverse surrogate, capric acid, is present at <1%.					

General Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/Naphthalene - Soil	SW-846 8260B	1	A151191AA	04/29/2015 18:02	Kathrine K Muramatsu	0.97
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 14:24	Mitchell R Washel	n.a.
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	2	201511537424	04/25/2015 14:24	Mitchell R Washel	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 12:49	Mitchell R Washel	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	15118A34A	04/28/2015 14:59	Marie D Beamenderfer	248.26
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 12:50	Mitchell R Washel	n.a.

REVISED

Sample Description: SB-6-S-2.5-150422 Grab Soil
Facility# 90504
15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860807
LL Group # 1556038
Account # 10869

Project Name: 90504

Collected: 04/22/2015 09:05 by DO

ChevronTexaco

L4310

Submitted: 04/24/2015 10:00

6001 Bollinger Canyon Rd.

Reported: 05/22/2015 08:30

San Ramon CA 94583

HB602

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	151150021A	04/29/2015 08:40	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	151150020A	04/30/2015 03:17	Christine E Dolman	1
11210	DRO by 8015 Microwave w/ SG	SW-846 3546	1	151150020A	04/27/2015 16:00	Kelli M Barto	1
11218	TPH Fuels Soils Extraction	SW-846 3546	1	151150021A	04/27/2015 16:00	Kelli M Barto	1

Sample Description: SB-6-S-5-150422 Grab Soil
Facility# 90504
15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860808
LL Group # 1556038
Account # 10869

Project Name: 90504

Collected: 04/22/2015 09:10 by DO ChevronTexaco
L4310
Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
Reported: 05/22/2015 08:30 San Ramon CA 94583

HB605

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles			SW-846 8260B	mg/kg	
10237	Benzene	71-43-2	N.D.	0.0005	1.05
10237	Ethylbenzene	100-41-4	N.D.	0.001	1.05
10237	Naphthalene	91-20-3	N.D.	0.001	1.05
10237	Toluene	108-88-3	N.D.	0.001	1.05
10237	Xylene (Total)	1330-20-7	N.D.	0.001	1.05
GC Volatiles			SW-846 8015B modified	mg/kg	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	0.5	24.39
GC Petroleum Hydrocarbons			SW-846 8015B modified	mg/kg	
02516	Total TPH	n.a.	N.D.	10	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	1
TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Petroleum Hydrocarbons w/Si			SW-846 8015B	mg/kg	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	1
The reverse surrogate, capric acid, is present at <1%.					

General Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/Naphthalene - Soil	SW-846 8260B	1	A151191AA	04/29/2015 18:25	Kathrine K Muramatsu	1.05
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 14:24	Mitchell R Washel	n.a.
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	2	201511537424	04/25/2015 14:24	Mitchell R Washel	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 12:55	Mitchell R Washel	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	15117A16A	04/28/2015 04:24	Marie D Beamenderfer	24.39
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 12:56	Mitchell R Washel	n.a.

Sample Description: SB-6-S-5-150422 Grab Soil
 Facility# 90504
 15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860808
 LL Group # 1556038
 Account # 10869

Project Name: 90504

Collected: 04/22/2015 09:10 by DO ChevronTexaco
 L4310
 Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
 Reported: 05/22/2015 08:30 San Ramon CA 94583

HB605

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	151150021A	04/29/2015 06:52	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	151150020A	04/30/2015 01:51	Christine E Dolman	1
11210	DRO by 8015 Microwave w/ SG	SW-846 3546	1	151150020A	04/27/2015 16:00	Kelli M Barto	1
11218	TPH Fuels Soils Extraction	SW-846 3546	1	151150021A	04/27/2015 16:00	Kelli M Barto	1

Sample Description: **SB-6-S-7.5-150422 Grab Soil**
 Facility# **90504**
15900 Hesperian-San Lorenz T0600100302

LL Sample # **SW 7860809**
 LL Group # **1556038**
 Account # **10869**

Project Name: **90504**

Collected: 04/22/2015 09:20 by DO ChevronTexaco
 L4310
 Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
 Reported: 05/22/2015 08:30 San Ramon CA 94583

HB607

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles			SW-846 8260B	mg/kg	
10237	Benzene	71-43-2	N.D.	0.0005	0.98
10237	Ethylbenzene	100-41-4	N.D.	0.001	0.98
10237	Naphthalene	91-20-3	N.D.	0.001	0.98
10237	Toluene	108-88-3	N.D.	0.001	0.98
10237	Xylene (Total)	1330-20-7	N.D.	0.001	0.98
GC Volatiles			SW-846 8015B modified	mg/kg	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	0.5	25
GC Petroleum Hydrocarbons			SW-846 8015B modified	mg/kg	
02516	Total TPH	n.a.	N.D.	10	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	1
TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Petroleum Hydrocarbons w/Si			SW-846 8015B	mg/kg	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	1
The reverse surrogate, capric acid, is present at <1%.					

General Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/Naphthalene - Soil	SW-846 8260B	1	A151191AA	04/29/2015 18:48	Kathrine K Muramatsu	0.98
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 14:24	Mitchell R Washel	n.a.
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	2	201511537424	04/25/2015 14:24	Mitchell R Washel	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 13:10	Mitchell R Washel	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	15117A16A	04/28/2015 05:02	Marie D Beamenderfer	25
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 13:11	Mitchell R Washel	n.a.

Sample Description: SB-6-S-7.5-150422 Grab Soil
 Facility# 90504
 15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860809
 LL Group # 1556038
 Account # 10869

Project Name: 90504

Collected: 04/22/2015 09:20 by DO ChevronTexaco
 L4310
 Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
 Reported: 05/22/2015 08:30 San Ramon CA 94583

HB607

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	151150021A	04/29/2015 07:14	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	151150020A	04/30/2015 02:13	Christine E Dolman	1
11210	DRO by 8015 Microwave w/ SG	SW-846 3546	1	151150020A	04/27/2015 16:00	Kelli M Barto	1
11218	TPH Fuels Soils Extraction	SW-846 3546	1	151150021A	04/27/2015 16:00	Kelli M Barto	1

Sample Description: SB-6-S-10-150422 Grab Soil
Facility# 90504
15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860810
LL Group # 1556038
Account # 10869

Project Name: 90504

Collected: 04/22/2015 09:25 by DO ChevronTexaco
 L4310
 Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
 Reported: 05/22/2015 08:30 San Ramon CA 94583

HB610

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B mg/kg					
10237	Benzene	71-43-2	N.D.	0.0005	1.02
10237	Ethylbenzene	100-41-4	N.D.	0.001	1.02
10237	Naphthalene	91-20-3	N.D.	0.001	1.02
10237	Toluene	108-88-3	N.D.	0.001	1.02
10237	Xylene (Total)	1330-20-7	N.D.	0.001	1.02
GC Volatiles SW-846 8015B modified mg/kg					
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	0.5	24.27
GC Petroleum Hydrocarbons SW-846 8015B modified mg/kg					
02516	Total TPH	n.a.	N.D.	12	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	12	1
TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons. Reporting limits were raised due to limited sample volume.					
GC Petroleum Hydrocarbons w/Si SW-846 8015B mg/kg					
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.8	1
The reverse surrogate, capric acid, is present at <1%.					

General Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/Naphthalene - Soil	SW-846 8260B	1	A151191AA	04/29/2015 19:11	Kathrine K Muramatsu	1.02
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 14:24	Mitchell R Washel	n.a.
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	2	201511537424	04/25/2015 14:24	Mitchell R Washel	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 13:21	Mitchell R Washel	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	15117A16A	04/28/2015 05:39	Marie D Beamenderfer	24.27
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 13:22	Mitchell R Washel	n.a.

REVISED

Sample Description: SB-6-S-10-150422 Grab Soil
Facility# 90504
15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860810
LL Group # 1556038
Account # 10869

Project Name: 90504

Collected: 04/22/2015 09:25 by DO

ChevronTexaco

L4310

Submitted: 04/24/2015 10:00

6001 Bollinger Canyon Rd.

Reported: 05/22/2015 08:30

San Ramon CA 94583

HB610

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	151150021A	04/29/2015 07:36	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	151150020A	04/30/2015 02:34	Christine E Dolman	1
11210	DRO by 8015 Microwave w/ SG	SW-846 3546	1	151150020A	04/27/2015 16:00	Kelli M Barto	1
11218	TPH Fuels Soils Extraction	SW-846 3546	1	151150021A	04/27/2015 16:00	Kelli M Barto	1

Sample Description: SB-6-S-12-150422 Grab Soil
Facility# 90504
15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860811
LL Group # 1556038
Account # 10869

Project Name: 90504

Collected: 04/22/2015 09:30 by DO ChevronTexaco
L4310
Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
Reported: 05/22/2015 08:30 San Ramon CA 94583

HB612

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles			SW-846 8260B	mg/kg	
10237	Benzene	71-43-2	N.D.	0.0005	0.98
10237	Ethylbenzene	100-41-4	N.D.	0.001	0.98
10237	Naphthalene	91-20-3	N.D.	0.001	0.98
10237	Toluene	108-88-3	N.D.	0.001	0.98
10237	Xylene (Total)	1330-20-7	N.D.	0.001	0.98
GC Volatiles			SW-846 8015B modified	mg/kg	
01725	TPH-GRO N. CA soil C6-C12	n.a.	4.0	0.5	24.88
GC Petroleum Hydrocarbons			SW-846 8015B modified	mg/kg	
02516	Total TPH	n.a.	N.D.	9.9	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	9.9	1
TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Petroleum Hydrocarbons w/Si			SW-846 8015B	mg/kg	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	1
The reverse surrogate, capric acid, is present at <1%.					

General Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/Naphthalene - Soil	SW-846 8260B	1	A151191AA	04/29/2015 19:34	Kathrine K Muramatsu	0.98
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 14:24	Mitchell R Washel	n.a.
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	2	201511537424	04/25/2015 14:24	Mitchell R Washel	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 13:28	Mitchell R Washel	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	15118A34A	04/28/2015 19:57	Marie D Beamenderfer	24.88
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 13:29	Mitchell R Washel	n.a.

Sample Description: SB-6-S-12-150422 Grab Soil
 Facility# 90504
 15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860811
 LL Group # 1556038
 Account # 10869

Project Name: 90504

Collected: 04/22/2015 09:30 by DO ChevronTexaco
 L4310
 Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
 Reported: 05/22/2015 08:30 San Ramon CA 94583

HB612

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	151150035A	04/28/2015 19:14	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	151150034A	04/30/2015 09:58	Christine E Dolman	1
11210	DRO by 8015 Microwave w/ SG	SW-846 3546	1	151150034A	04/27/2015 19:30	Sally L Appleyard	1
11218	TPH Fuels Soils Extraction	SW-846 3546	1	151150035A	04/27/2015 19:30	Sally L Appleyard	1

Sample Description: **SB-6-S-16-150422 Grab Soil**
Facility# 90504
15900 Hesperian-San Lorenz T0600100302

LL Sample # **SW 7860812**
 LL Group # **1556038**
 Account # **10869**

Project Name: **90504**

Collected: 04/22/2015 09:40 by DO ChevronTexaco
 L4310
 Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
 Reported: 05/22/2015 08:30 San Ramon CA 94583

HB616

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles			SW-846 8260B	mg/kg	
10237	Benzene	71-43-2	N.D.	0.0005	1
10237	Ethylbenzene	100-41-4	N.D.	0.001	1
10237	Naphthalene	91-20-3	N.D.	0.001	1
10237	Toluene	108-88-3	N.D.	0.001	1
10237	Xylene (Total)	1330-20-7	N.D.	0.001	1
GC Volatiles			SW-846 8015B modified	mg/kg	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	0.5	25.61
GC Petroleum Hydrocarbons			SW-846 8015B modified	mg/kg	
02516	Total TPH	n.a.	N.D.	9.9	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	9.9	1
TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Petroleum Hydrocarbons w/Si			SW-846 8015B	mg/kg	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	1
The reverse surrogate, capric acid, is present at <1%.					

General Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/Naphthalene - Soil	SW-846 8260B	1	A151191AA	04/29/2015 19:56	Kathrine K Muramatsu	1
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 14:24	Mitchell R Washel	n.a.
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	2	201511537424	04/25/2015 14:24	Mitchell R Washel	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 13:33	Mitchell R Washel	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	15118A34A	04/28/2015 20:33	Marie D Beamenderfer	25.61
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 13:34	Mitchell R Washel	n.a.

Sample Description: SB-6-S-16-150422 Grab Soil
Facility# 90504
15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860812
LL Group # 1556038
Account # 10869

Project Name: 90504

Collected: 04/22/2015 09:40 by DO ChevronTexaco
L4310
Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
Reported: 05/22/2015 08:30 San Ramon CA 94583

HB616

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	151150035A	04/28/2015 19:36	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	151150034A	04/30/2015 10:20	Christine E Dolman	1
11210	DRO by 8015 Microwave w/ SG	SW-846 3546	1	151150034A	04/27/2015 19:30	Sally L Appleyard	1
11218	TPH Fuels Soils Extraction	SW-846 3546	1	151150035A	04/27/2015 19:30	Sally L Appleyard	1

Sample Description: SB-7-S-2.5-150422 Grab Soil
Facility# 90504
15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860813
LL Group # 1556038
Account # 10869

Project Name: 90504

Collected: 04/22/2015 10:15 by DO ChevronTexaco
L4310
Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
Reported: 05/22/2015 08:30 San Ramon CA 94583

HB702

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles			SW-846 8260B	mg/kg	
10237	Benzene	71-43-2	N.D.	0.0005	1.02
10237	Ethylbenzene	100-41-4	N.D.	0.001	1.02
10237	Naphthalene	91-20-3	N.D.	0.001	1.02
10237	Toluene	108-88-3	N.D.	0.001	1.02
10237	Xylene (Total)	1330-20-7	N.D.	0.001	1.02
GC Volatiles			SW-846 8015B modified	mg/kg	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	0.5	25.91
GC Petroleum Hydrocarbons			SW-846 8015B modified	mg/kg	
02516	Total TPH	n.a.	370	10	1
02516	TPH Motor Oil C16-C36	n.a.	370	10	1
TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Petroleum Hydrocarbons w/Si			SW-846 8015B	mg/kg	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	48	4.0	1
The reverse surrogate, capric acid, is present at <1%.					

General Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/Naphthalene - Soil	SW-846 8260B	1	A151192AA	04/30/2015 01:52	Kathrine K Muramatsu	1.02
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 14:25	Mitchell R Washel	n.a.
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	2	201511537424	04/25/2015 14:25	Mitchell R Washel	n.a.
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	3	201511537424	04/25/2015 14:25	Mitchell R Washel	n.a.
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	4	201511537424	04/25/2015 14:25	Mitchell R Washel	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 13:55	Mitchell R Washel	n.a.

Sample Description: SB-7-S-2.5-150422 Grab Soil
Facility# 90504
15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860813
LL Group # 1556038
Account # 10869

Project Name: 90504

Collected: 04/22/2015 10:15 by DO

ChevronTexaco

L4310

Submitted: 04/24/2015 10:00

6001 Bollinger Canyon Rd.

Reported: 05/22/2015 08:30

San Ramon CA 94583

HB702

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
06646	GC/MS HL Bulk Sample Prep	SW-846 5035A Modified	2	201511537424	04/25/2015 13:54	Mitchell R Washel	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5035A Modified	3	201511537424	04/25/2015 13:56	Mitchell R Washel	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	15118A34A	04/28/2015 15:44	Marie D Beamenderfer	25.91
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 13:57	Mitchell R Washel	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	2	201511537424	04/25/2015 13:58	Mitchell R Washel	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	3	201511537424	04/25/2015 13:58	Mitchell R Washel	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	4	201511537424	04/25/2015 13:59	Mitchell R Washel	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	5	201511537424	04/25/2015 14:00	Mitchell R Washel	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	151150035A	04/28/2015 21:45	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	151150034A	04/30/2015 11:02	Christine E Dolman	1
11210	DRO by 8015 Microwave w/ SG	SW-846 3546	1	151150034A	04/27/2015 19:30	Sally L Appleyard	1
11218	TPH Fuels Soils Extraction	SW-846 3546	1	151150035A	04/27/2015 19:30	Sally L Appleyard	1

Sample Description: SB-7-S-5-150422 Grab Soil
Facility# 90504
15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860814
LL Group # 1556038
Account # 10869

Project Name: 90504

Collected: 04/22/2015 10:25 by DO ChevronTexaco
L4310
Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
Reported: 05/22/2015 08:30 San Ramon CA 94583

HB705

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles			SW-846 8260B	mg/kg	
10237	Benzene	71-43-2	N.D.	0.0005	1.05
10237	Ethylbenzene	100-41-4	N.D.	0.001	1.05
10237	Naphthalene	91-20-3	N.D.	0.001	1.05
10237	Toluene	108-88-3	N.D.	0.001	1.05
10237	Xylene (Total)	1330-20-7	N.D.	0.001	1.05
GC Volatiles			SW-846 8015B modified	mg/kg	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	0.5	23.97
GC Petroleum Hydrocarbons			SW-846 8015B modified	mg/kg	
02516	Total TPH	n.a.	N.D.	10	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	1
TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Petroleum Hydrocarbons w/Si			SW-846 8015B	mg/kg	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	1
The reverse surrogate, capric acid, is present at <1%.					

General Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/Naphthalene - Soil	SW-846 8260B	1	A151192AA	04/30/2015 02:15	Kathrine K Muramatsu	1.05
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 14:25	Mitchell R Washel	n.a.
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	2	201511537424	04/25/2015 14:25	Mitchell R Washel	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 14:04	Mitchell R Washel	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	15118A34A	04/28/2015 21:09	Marie D Beamenderfer	23.97
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 14:05	Mitchell R Washel	n.a.

Sample Description: SB-7-S-5-150422 Grab Soil
 Facility# 90504
 15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860814
 LL Group # 1556038
 Account # 10869

Project Name: 90504

Collected: 04/22/2015 10:25 by DO

ChevronTexaco

L4310

Submitted: 04/24/2015 10:00

6001 Bollinger Canyon Rd.

Reported: 05/22/2015 08:30

San Ramon CA 94583

HB705

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	151150035A	04/28/2015 19:57	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	151150034A	04/30/2015 15:25	Christine E Dolman	1
11210	DRO by 8015 Microwave w/ SG	SW-846 3546	1	151150034A	04/27/2015 19:30	Sally L Appleyard	1
11218	TPH Fuels Soils Extraction	SW-846 3546	1	151150035A	04/27/2015 19:30	Sally L Appleyard	1

Sample Description: **SB-7-S-7.5-150422 Grab Soil**
 Facility# **90504**
15900 Hesperian-San Lorenz T0600100302

LL Sample # **SW 7860815**
 LL Group # **1556038**
 Account # **10869**

Project Name: **90504**

Collected: 04/22/2015 10:35 by DO ChevronTexaco
 L4310
 Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
 Reported: 05/22/2015 08:30 San Ramon CA 94583

HB707

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles			SW-846 8260B	mg/kg	
10237	Benzene	71-43-2	N.D.	0.0005	0.97
10237	Ethylbenzene	100-41-4	N.D.	0.001	0.97
10237	Naphthalene	91-20-3	N.D.	0.001	0.97
10237	Toluene	108-88-3	N.D.	0.001	0.97
10237	Xylene (Total)	1330-20-7	N.D.	0.001	0.97
GC Volatiles			SW-846 8015B modified	mg/kg	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	0.5	23.39
GC Petroleum Hydrocarbons			SW-846 8015B modified	mg/kg	
02516	Total TPH	n.a.	N.D.	9.9	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	9.9	1
TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Petroleum Hydrocarbons w/Si			SW-846 8015B	mg/kg	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	1
The reverse surrogate, capric acid, is present at <1%.					

General Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/Naphthalene - Soil	SW-846 8260B	1	A151192AA	04/30/2015 02:38	Kathrine K Muramatsu	0.97
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 14:25	Mitchell R Washel	n.a.
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	2	201511537424	04/25/2015 14:25	Mitchell R Washel	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 14:16	Mitchell R Washel	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	15118A34A	04/28/2015 22:21	Marie D Beamenderfer	23.39
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 14:17	Mitchell R Washel	n.a.

Sample Description: SB-7-S-7.5-150422 Grab Soil
 Facility# 90504
 15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860815
 LL Group # 1556038
 Account # 10869

Project Name: 90504

Collected: 04/22/2015 10:35 by DO

ChevronTexaco

L4310

Submitted: 04/24/2015 10:00

6001 Bollinger Canyon Rd.

Reported: 05/22/2015 08:30

San Ramon CA 94583

HB707

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	151150035A	04/28/2015 20:19	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	151150034A	04/30/2015 15:46	Christine E Dolman	1
11210	DRO by 8015 Microwave w/ SG	SW-846 3546	1	151150034A	04/27/2015 19:30	Sally L Appleyard	1
11218	TPH Fuels Soils Extraction	SW-846 3546	1	151150035A	04/27/2015 19:30	Sally L Appleyard	1

Sample Description: **SB-7-S-10-150422 Grab Soil**
Facility# 90504
15900 Hesperian-San Lorenz T0600100302

LL Sample # **SW 7860816**
 LL Group # **1556038**
 Account # **10869**

Project Name: **90504**

Collected: 04/22/2015 10:40 by DO ChevronTexaco
 L4310
 Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
 Reported: 05/22/2015 08:30 San Ramon CA 94583

HB710

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles			SW-846 8260B	mg/kg	
10237	Benzene	71-43-2	N.D.	0.0005	0.99
10237	Ethylbenzene	100-41-4	N.D.	0.001	0.99
10237	Naphthalene	91-20-3	N.D.	0.001	0.99
10237	Toluene	108-88-3	N.D.	0.001	0.99
10237	Xylene (Total)	1330-20-7	N.D.	0.001	0.99
GC Volatiles			SW-846 8015B modified	mg/kg	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	0.5	25.38
GC Petroleum Hydrocarbons			SW-846 8015B modified	mg/kg	
02516	Total TPH	n.a.	N.D.	9.9	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	9.9	1
TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Petroleum Hydrocarbons w/Si			SW-846 8015B	mg/kg	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	1
The reverse surrogate, capric acid, is present at <1%.					

General Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/Naphthalene - Soil	SW-846 8260B	1	A151192AA	04/30/2015 03:00	Kathrine K Muramatsu	0.99
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 14:25	Mitchell R Washel	n.a.
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	2	201511537424	04/25/2015 14:25	Mitchell R Washel	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 14:23	Mitchell R Washel	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	15118A34A	04/28/2015 17:32	Marie D Beamenderfer	25.38
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 14:24	Mitchell R Washel	n.a.

Sample Description: SB-7-S-10-150422 Grab Soil
 Facility# 90504
 15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860816
 LL Group # 1556038
 Account # 10869

Project Name: 90504

Collected: 04/22/2015 10:40 by DO ChevronTexaco
 L4310
 Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
 Reported: 05/22/2015 08:30 San Ramon CA 94583

HB710

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	151150035A	04/28/2015 20:40	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	151150034A	04/30/2015 12:28	Christine E Dolman	1
11210	DRO by 8015 Microwave w/ SG	SW-846 3546	1	151150034A	04/27/2015 19:30	Sally L Appleyard	1
11218	TPH Fuels Soils Extraction	SW-846 3546	1	151150035A	04/27/2015 19:30	Sally L Appleyard	1

Sample Description: **SB-7-S-12-150422 Grab Soil**
Facility# 90504
15900 Hesperian-San Lorenz T0600100302

LL Sample # **SW 7860817**
 LL Group # **1556038**
 Account # **10869**

Project Name: **90504**

Collected: 04/22/2015 10:45 by DO ChevronTexaco
 L4310
 Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
 Reported: 05/22/2015 08:30 San Ramon CA 94583

HB712

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles			SW-846 8260B	mg/kg	
10237	Benzene	71-43-2	N.D.	0.0005	1
10237	Ethylbenzene	100-41-4	N.D.	0.001	1
10237	Naphthalene	91-20-3	N.D.	0.001	1
10237	Toluene	108-88-3	N.D.	0.001	1
10237	Xylene (Total)	1330-20-7	N.D.	0.001	1
GC Volatiles			SW-846 8015B modified	mg/kg	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	0.5	24.37
GC Petroleum Hydrocarbons			SW-846 8015B modified	mg/kg	
02516	Total TPH	n.a.	N.D.	11	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	11	1
TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Petroleum Hydrocarbons w/Si			SW-846 8015B	mg/kg	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.2	1
The reverse surrogate, capric acid, is present at <1%.					

General Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/Naphthalene - Soil	SW-846 8260B	1	A151192AA	04/30/2015 03:23	Kathrine K Muramatsu	1
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 14:46	Mitchell R Washel	n.a.
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	2	201511537424	04/25/2015 14:46	Mitchell R Washel	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 14:34	Mitchell R Washel	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	15118A34A	04/28/2015 22:57	Marie D Beamenderfer	24.37
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 14:34	Mitchell R Washel	n.a.

Sample Description: SB-7-S-12-150422 Grab Soil
 Facility# 90504
 15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860817
 LL Group # 1556038
 Account # 10869

Project Name: 90504

Collected: 04/22/2015 10:45 by DO ChevronTexaco
 L4310
 Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
 Reported: 05/22/2015 08:30 San Ramon CA 94583

HB712

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	151150035A	04/28/2015 21:02	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	151150034A	04/30/2015 12:49	Christine E Dolman	1
11210	DRO by 8015 Microwave w/ SG	SW-846 3546	1	151150034A	04/27/2015 19:30	Sally L Appleyard	1
11218	TPH Fuels Soils Extraction	SW-846 3546	1	151150035A	04/27/2015 19:30	Sally L Appleyard	1

Sample Description: SB-7-S-16-150422 Grab Soil
Facility# 90504
15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860818
LL Group # 1556038
Account # 10869

Project Name: 90504

Collected: 04/22/2015 10:55 by DO ChevronTexaco
L4310
Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
Reported: 05/22/2015 08:30 San Ramon CA 94583

HB716

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles			SW-846 8260B	mg/kg	
10237	Benzene	71-43-2	N.D.	0.0005	0.98
10237	Ethylbenzene	100-41-4	N.D.	0.001	0.98
10237	Naphthalene	91-20-3	N.D.	0.001	0.98
10237	Toluene	108-88-3	N.D.	0.001	0.98
10237	Xylene (Total)	1330-20-7	N.D.	0.001	0.98
GC Volatiles			SW-846 8015B modified	mg/kg	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	0.5	25.72
GC Petroleum Hydrocarbons			SW-846 8015B modified	mg/kg	
02516	Total TPH	n.a.	N.D.	9.9	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	9.9	1
TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Petroleum Hydrocarbons w/Si			SW-846 8015B	mg/kg	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	1
The reverse surrogate, capric acid, is present at <1%.					

General Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/Naphthalene - Soil	SW-846 8260B	1	A151192AA	04/30/2015 03:46	Kathrine K Muramatsu	0.98
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 14:46	Mitchell R Washel	n.a.
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	2	201511537424	04/25/2015 14:46	Mitchell R Washel	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 14:39	Mitchell R Washel	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	15118A34A	04/28/2015 23:33	Marie D Beamenderfer	25.72
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 14:39	Mitchell R Washel	n.a.

Sample Description: SB-7-S-16-150422 Grab Soil
 Facility# 90504
 15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860818
 LL Group # 1556038
 Account # 10869

Project Name: 90504

Collected: 04/22/2015 10:55 by DO ChevronTexaco
 L4310
 Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
 Reported: 05/22/2015 08:30 San Ramon CA 94583

HB716

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	151150035A	04/28/2015 21:24	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	151150034A	04/30/2015 13:11	Christine E Dolman	1
11210	DRO by 8015 Microwave w/ SG	SW-846 3546	1	151150034A	04/27/2015 19:30	Sally L Appleyard	1
11218	TPH Fuels Soils Extraction	SW-846 3546	1	151150035A	04/27/2015 19:30	Sally L Appleyard	1

Sample Description: **SB-8-S-2.5-150422 Grab Soil**
Facility# 90504
15900 Hesperian-San Lorenz T0600100302

LL Sample # **SW 7860819**
 LL Group # **1556038**
 Account # **10869**

Project Name: **90504**

Collected: 04/22/2015 12:15 by DO ChevronTexaco
 L4310
 Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
 Reported: 05/22/2015 08:30 San Ramon CA 94583

HB802

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles			SW-846 8260B	mg/kg	
10237	Benzene	71-43-2	N.D.	0.0005	0.98
10237	Ethylbenzene	100-41-4	N.D.	0.001	0.98
10237	Naphthalene	91-20-3	N.D.	0.001	0.98
10237	Toluene	108-88-3	N.D.	0.001	0.98
10237	Xylene (Total)	1330-20-7	N.D.	0.001	0.98
GC Volatiles			SW-846 8015B modified	mg/kg	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	0.5	25.99
GC Petroleum Hydrocarbons			SW-846 8015B modified	mg/kg	
02516	Total TPH	n.a.	N.D.	9.9	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	9.9	1
TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Petroleum Hydrocarbons w/Si			SW-846 8015B	mg/kg	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	1
The reverse surrogate, capric acid, is present at <1%.					

General Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/Naphthalene - Soil	SW-846 8260B	1	A151192AA	04/30/2015 04:09	Kathrine K Muramatsu	0.98
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 14:46	Mitchell R Washel	n.a.
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	2	201511537424	04/25/2015 14:46	Mitchell R Washel	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 14:45	Mitchell R Washel	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	15118A34A	04/29/2015 00:09	Marie D Beamenderfer	25.99
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 14:45	Mitchell R Washel	n.a.

Sample Description: SB-8-S-2.5-150422 Grab Soil
 Facility# 90504
 15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860819
 LL Group # 1556038
 Account # 10869

Project Name: 90504

Collected: 04/22/2015 12:15 by DO

ChevronTexaco

L4310

Submitted: 04/24/2015 10:00

6001 Bollinger Canyon Rd.

Reported: 05/22/2015 08:30

San Ramon CA 94583

HB802

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	151150035A	04/29/2015 00:02	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	151150034A	04/30/2015 13:32	Christine E Dolman	1
11210	DRO by 8015 Microwave w/ SG	SW-846 3546	1	151150034A	04/27/2015 19:30	Sally L Appleyard	1
11218	TPH Fuels Soils Extraction	SW-846 3546	1	151150035A	04/27/2015 19:30	Sally L Appleyard	1

Sample Description: **SB-8-S-5-150422 Grab Soil**
Facility# 90504
15900 Hesperian-San Lorenz T0600100302

LL Sample # **SW 7860820**
 LL Group # **1556038**
 Account # **10869**

Project Name: **90504**

Collected: 04/22/2015 12:25 by DO ChevronTexaco
 L4310
 Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
 Reported: 05/22/2015 08:30 San Ramon CA 94583

HB805

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles			SW-846 8260B	mg/kg	
10237	Benzene	71-43-2	N.D.	0.0005	0.99
10237	Ethylbenzene	100-41-4	N.D.	0.001	0.99
10237	Naphthalene	91-20-3	N.D.	0.001	0.99
10237	Toluene	108-88-3	N.D.	0.001	0.99
10237	Xylene (Total)	1330-20-7	N.D.	0.001	0.99
GC Volatiles			SW-846 8015B modified	mg/kg	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	0.5	24.83
GC Petroleum Hydrocarbons			SW-846 8015B modified	mg/kg	
02516	Total TPH	n.a.	N.D.	10	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	1
TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Petroleum Hydrocarbons w/Si			SW-846 8015B	mg/kg	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	1
The reverse surrogate, capric acid, is present at <1%.					

General Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/Naphthalene - Soil	SW-846 8260B	1	A151192AA	04/30/2015 04:31	Kathrine K Muramatsu	0.99
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 17:20	Mitchell R Washel	n.a.
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	2	201511537424	04/25/2015 17:20	Mitchell R Washel	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 15:53	Mitchell R Washel	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	15118A34A	04/29/2015 00:45	Marie D Beamenderfer	24.83
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 15:53	Mitchell R Washel	n.a.

Sample Description: SB-8-S-5-150422 Grab Soil
 Facility# 90504
 15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860820
 LL Group # 1556038
 Account # 10869

Project Name: 90504

Collected: 04/22/2015 12:25 by DO ChevronTexaco
 L4310
 Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
 Reported: 05/22/2015 08:30 San Ramon CA 94583

HB805

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	151150035A	04/29/2015 00:24	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	151150034A	04/30/2015 13:59	Christine E Dolman	1
11210	DRO by 8015 Microwave w/ SG	SW-846 3546	1	151150034A	04/27/2015 19:30	Sally L Appleyard	1
11218	TPH Fuels Soils Extraction	SW-846 3546	1	151150035A	04/27/2015 19:30	Sally L Appleyard	1

Sample Description: **SB-8-S-7.5-150422 Grab Soil**
 Facility# **90504**
15900 Hesperian-San Lorenz T0600100302

LL Sample # **SW 7860821**
 LL Group # **1556038**
 Account # **10869**

Project Name: **90504**

Collected: 04/22/2015 12:30 by DO ChevronTexaco
 L4310
 Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
 Reported: 05/22/2015 08:30 San Ramon CA 94583

HB807

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles			SW-846 8260B	mg/kg	
10237	Benzene	71-43-2	N.D.	0.0005	0.99
10237	Ethylbenzene	100-41-4	N.D.	0.001	0.99
10237	Naphthalene	91-20-3	N.D.	0.001	0.99
10237	Toluene	108-88-3	N.D.	0.001	0.99
10237	Xylene (Total)	1330-20-7	N.D.	0.001	0.99
GC Volatiles			SW-846 8015B modified	mg/kg	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	0.5	23.19
GC Petroleum Hydrocarbons			SW-846 8015B modified	mg/kg	
02516	Total TPH	n.a.	N.D.	10	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	1
TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Petroleum Hydrocarbons w/Si			SW-846 8015B	mg/kg	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	1
The reverse surrogate, capric acid, is present at <1%.					

General Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/Naphthalene - Soil	SW-846 8260B	1	A151192AA	04/30/2015 04:54	Kathrine K Muramatsu	0.99
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 17:20	Mitchell R Washel	n.a.
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	2	201511537424	04/25/2015 17:20	Mitchell R Washel	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 15:57	Mitchell R Washel	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	15118A34A	04/29/2015 01:21	Marie D Beamenderfer	23.19
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 15:58	Mitchell R Washel	n.a.

Sample Description: SB-8-S-7.5-150422 Grab Soil
 Facility# 90504
 15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860821
 LL Group # 1556038
 Account # 10869

Project Name: 90504

Collected: 04/22/2015 12:30 by DO ChevronTexaco
 L4310
 Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
 Reported: 05/22/2015 08:30 San Ramon CA 94583

HB807

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	151150035A	04/29/2015 00:45	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	151150034A	04/30/2015 14:21	Christine E Dolman	1
11210	DRO by 8015 Microwave w/ SG	SW-846 3546	1	151150034A	04/27/2015 19:30	Sally L Appleyard	1
11218	TPH Fuels Soils Extraction	SW-846 3546	1	151150035A	04/27/2015 19:30	Sally L Appleyard	1

Sample Description: **SB-8-S-10-150422 Grab Soil**
Facility# 90504
15900 Hesperian-San Lorenz T0600100302

LL Sample # **SW 7860822**
 LL Group # **1556038**
 Account # **10869**

Project Name: **90504**

Collected: 04/22/2015 12:40 by DO ChevronTexaco
 L4310
 Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
 Reported: 05/22/2015 08:30 San Ramon CA 94583

HB810

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles			SW-846 8260B	mg/kg	
10237	Benzene	71-43-2	N.D.	0.0005	1.05
10237	Ethylbenzene	100-41-4	N.D.	0.001	1.05
10237	Naphthalene	91-20-3	N.D.	0.001	1.05
10237	Toluene	108-88-3	N.D.	0.001	1.05
10237	Xylene (Total)	1330-20-7	N.D.	0.001	1.05
GC Volatiles			SW-846 8015B modified	mg/kg	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	0.5	25.38
GC Petroleum Hydrocarbons			SW-846 8015B modified	mg/kg	
02516	Total TPH	n.a.	N.D.	9.9	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	9.9	1
TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Petroleum Hydrocarbons w/Si			SW-846 8015B	mg/kg	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	1
The reverse surrogate, capric acid, is present at <1%.					

General Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/Naphthalene - Soil	SW-846 8260B	1	A151192AA	04/30/2015 05:17	Kathrine K Muramatsu	1.05
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 17:20	Mitchell R Washel	n.a.
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	2	201511537424	04/25/2015 17:20	Mitchell R Washel	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 16:04	Mitchell R Washel	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	15118A34A	04/29/2015 01:57	Marie D Beamenderfer	25.38
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 16:04	Mitchell R Washel	n.a.

Sample Description: SB-8-S-10-150422 Grab Soil
 Facility# 90504
 15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860822
 LL Group # 1556038
 Account # 10869

Project Name: 90504

Collected: 04/22/2015 12:40 by DO ChevronTexaco
 L4310
 Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
 Reported: 05/22/2015 08:30 San Ramon CA 94583

HB810

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	151150035A	04/29/2015 01:07	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	151150034A	04/30/2015 16:08	Christine E Dolman	1
11210	DRO by 8015 Microwave w/ SG	SW-846 3546	1	151150034A	04/27/2015 19:30	Sally L Appleyard	1
11218	TPH Fuels Soils Extraction	SW-846 3546	1	151150035A	04/27/2015 19:30	Sally L Appleyard	1

Sample Description: **SB-8-S-12-150422 Grab Soil**
 Facility# **90504**
15900 Hesperian-San Lorenz T0600100302

LL Sample # **SW 7860823**
 LL Group # **1556038**
 Account # **10869**

Project Name: **90504**

Collected: 04/22/2015 12:50 by DO ChevronTexaco
 L4310
 Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
 Reported: 05/22/2015 08:30 San Ramon CA 94583

HB812

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles			SW-846 8260B	mg/kg	
10237	Benzene	71-43-2	N.D.	0.0005	1.02
10237	Ethylbenzene	100-41-4	N.D.	0.001	1.02
10237	Naphthalene	91-20-3	N.D.	0.001	1.02
10237	Toluene	108-88-3	N.D.	0.001	1.02
10237	Xylene (Total)	1330-20-7	N.D.	0.001	1.02
GC Volatiles			SW-846 8015B modified	mg/kg	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	0.5	24.58
GC Petroleum Hydrocarbons			SW-846 8015B modified	mg/kg	
02516	Total TPH	n.a.	N.D.	11	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	11	1
TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Petroleum Hydrocarbons w/Si			SW-846 8015B	mg/kg	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.3	1
The reverse surrogate, capric acid, is present at <1%.					

General Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/Naphthalene - Soil	SW-846 8260B	1	A151192AA	04/30/2015 05:39	Kathrine K Muramatsu	1.02
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 17:20	Mitchell R Washel	n.a.
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	2	201511537424	04/25/2015 17:20	Mitchell R Washel	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 16:10	Mitchell R Washel	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	15118A34A	04/29/2015 02:33	Marie D Beamenderfer	24.58
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 16:11	Mitchell R Washel	n.a.

Sample Description: SB-8-S-12-150422 Grab Soil
 Facility# 90504
 15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860823
 LL Group # 1556038
 Account # 10869

Project Name: 90504

Collected: 04/22/2015 12:50 by DO ChevronTexaco
 L4310
 Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
 Reported: 05/22/2015 08:30 San Ramon CA 94583

HB812

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	151150035A	04/29/2015 01:29	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	151150034A	05/01/2015 15:01	Christine E Dolman	1
11210	DRO by 8015 Microwave w/ SG	SW-846 3546	1	151150034A	04/27/2015 19:30	Sally L Appleyard	1
11218	TPH Fuels Soils Extraction	SW-846 3546	1	151150035A	04/27/2015 19:30	Sally L Appleyard	1

Sample Description: **SB-8-S-16-150422 Grab Soil**
Facility# 90504
15900 Hesperian-San Lorenz T0600100302

LL Sample # **SW 7860824**
 LL Group # **1556038**
 Account # **10869**

Project Name: **90504**

Collected: 04/22/2015 12:55 by DO ChevronTexaco
 L4310
 Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
 Reported: 05/22/2015 08:30 San Ramon CA 94583

HB816

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B			mg/kg	mg/kg	
10237	Benzene	71-43-2	N.D.	0.0005	1.01
10237	Ethylbenzene	100-41-4	N.D.	0.001	1.01
10237	Naphthalene	91-20-3	N.D.	0.001	1.01
10237	Toluene	108-88-3	N.D.	0.001	1.01
10237	Xylene (Total)	1330-20-7	N.D.	0.001	1.01
GC Volatiles SW-846 8015B modified			mg/kg	mg/kg	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	0.5	23.63
GC Petroleum SW-846 8015B modified			mg/kg	mg/kg	
Hydrocarbons					
02516	Total TPH	n.a.	N.D.	9.9	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	9.9	1
TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Petroleum SW-846 8015B			mg/kg	mg/kg	
Hydrocarbons w/Si					
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	1
The reverse surrogate, capric acid, is present at <1%.					

General Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/Naphthalene - Soil	SW-846 8260B	1	A151192AA	04/30/2015 06:02	Kathrine K Muramatsu	1.01
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 17:20	Mitchell R Washel	n.a.
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	2	201511537424	04/25/2015 17:20	Mitchell R Washel	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 16:16	Mitchell R Washel	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	15118A34A	04/29/2015 03:09	Marie D Beamenderfer	23.63
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 16:16	Mitchell R Washel	n.a.

Sample Description: SB-8-S-16-150422 Grab Soil
 Facility# 90504
 15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860824
 LL Group # 1556038
 Account # 10869

Project Name: 90504

Collected: 04/22/2015 12:55 by DO

ChevronTexaco

L4310

Submitted: 04/24/2015 10:00

6001 Bollinger Canyon Rd.

Reported: 05/22/2015 08:30

San Ramon CA 94583

HB816

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	151150035A	04/29/2015 01:50	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	151150034A	04/30/2015 16:50	Christine E Dolman	1
11210	DRO by 8015 Microwave w/ SG	SW-846 3546	1	151150034A	04/27/2015 19:30	Sally L Appleyard	1
11218	TPH Fuels Soils Extraction	SW-846 3546	1	151150035A	04/27/2015 19:30	Sally L Appleyard	1

Sample Description: SB-9-S-2.5-150422 Grab Soil
Facility# 90504
15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860825
LL Group # 1556038
Account # 10869

Project Name: 90504

Collected: 04/22/2015 13:45 by DO ChevronTexaco
L4310
Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
Reported: 05/22/2015 08:30 San Ramon CA 94583

HB902

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles			SW-846 8260B	mg/kg	
10237	Benzene	71-43-2	N.D.	0.0005	1
10237	Ethylbenzene	100-41-4	N.D.	0.001	1
10237	Naphthalene	91-20-3	N.D.	0.001	1
10237	Toluene	108-88-3	N.D.	0.001	1
10237	Xylene (Total)	1330-20-7	N.D.	0.001	1
GC Volatiles			SW-846 8015B modified	mg/kg	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	0.5	24.95
GC Petroleum Hydrocarbons			SW-846 8015B modified	mg/kg	
02516	Total TPH	n.a.	N.D.	10	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	1
TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Petroleum Hydrocarbons w/Si			SW-846 8015B	mg/kg	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	1
The reverse surrogate, capric acid, is present at <1%.					

General Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/Naphthalene - Soil	SW-846 8260B	1	A151192AA	04/30/2015 06:25	Kathrine K Muramatsu	1
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 17:20	Mitchell R Washel	n.a.
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	2	201511537424	04/25/2015 17:20	Mitchell R Washel	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 16:22	Mitchell R Washel	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	15118A34A	04/28/2015 18:08	Marie D Beamenderfer	24.95
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 16:23	Mitchell R Washel	n.a.

Sample Description: SB-9-S-2.5-150422 Grab Soil
 Facility# 90504
 15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860825
 LL Group # 1556038
 Account # 10869

Project Name: 90504

Collected: 04/22/2015 13:45 by DO

ChevronTexaco

L4310

Submitted: 04/24/2015 10:00

6001 Bollinger Canyon Rd.

Reported: 05/22/2015 08:30

San Ramon CA 94583

HB902

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	151150035A	04/29/2015 02:12	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	151150034A	04/30/2015 17:12	Christine E Dolman	1
11210	DRO by 8015 Microwave w/ SG	SW-846 3546	1	151150034A	04/27/2015 19:30	Sally L Appleyard	1
11218	TPH Fuels Soils Extraction	SW-846 3546	1	151150035A	04/27/2015 19:30	Sally L Appleyard	1

Sample Description: SB-9-S-5-150422 Grab Soil
Facility# 90504
15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860826
LL Group # 1556038
Account # 10869

Project Name: 90504

Collected: 04/22/2015 13:50 by DO ChevronTexaco
L4310
Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
Reported: 05/22/2015 08:30 San Ramon CA 94583

HB905

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles			SW-846 8260B	mg/kg	
10237	Benzene	71-43-2	N.D.	0.0005	0.98
10237	Ethylbenzene	100-41-4	N.D.	0.001	0.98
10237	Naphthalene	91-20-3	N.D.	0.001	0.98
10237	Toluene	108-88-3	N.D.	0.001	0.98
10237	Xylene (Total)	1330-20-7	N.D.	0.001	0.98
The recovery for the sample internal standard is outside the QC acceptance limits. The following corrective action was taken: The sample was re-analyzed and the QC is again outside of the acceptance limits, indicating a matrix effect. The data is reported from the initial trial.					
GC Volatiles			SW-846 8015B modified	mg/kg	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	0.5	24.18
GC Petroleum Hydrocarbons			SW-846 8015B modified	mg/kg	
02516	Total TPH	n.a.	N.D.	10	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	1
TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Petroleum Hydrocarbons w/Si			SW-846 8015B	mg/kg	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	1
The reverse surrogate, capric acid, is present at <1%.					

General Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/Naphthalene - Soil	SW-846 8260B	1	A151192AA	04/30/2015 06:48	Kathrine K Muramatsu	0.98
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 17:20	Mitchell R Washel	n.a.
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	2	201511537424	04/25/2015 17:20	Mitchell R Washel	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 16:28	Mitchell R Washel	n.a.

Sample Description: SB-9-S-5-150422 Grab Soil
 Facility# 90504
 15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860826
 LL Group # 1556038
 Account # 10869

Project Name: 90504

Collected: 04/22/2015 13:50 by DO ChevronTexaco
 L4310
 Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
 Reported: 05/22/2015 08:30 San Ramon CA 94583

HB905

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	15118A34A	04/29/2015 03:45	Marie D Beamenderfer	24.18
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 16:28	Mitchell R Washel	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	151150035A	04/29/2015 02:33	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	151150034A	05/01/2015 15:22	Christine E Dolman	1
11210	DRO by 8015 Microwave w/ SG	SW-846 3546	1	151150034A	04/27/2015 19:30	Sally L Appleyard	1
11218	TPH Fuels Soils Extraction	SW-846 3546	1	151150035A	04/27/2015 19:30	Sally L Appleyard	1

Sample Description: **SB-9-S-7.5-150422 Grab Soil**
 Facility# **90504**
15900 Hesperian-San Lorenz T0600100302

LL Sample # **SW 7860827**
 LL Group # **1556038**
 Account # **10869**

Project Name: **90504**

Collected: 04/22/2015 14:00 by DO ChevronTexaco
 L4310
 Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
 Reported: 05/22/2015 08:30 San Ramon CA 94583

HB907

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles			SW-846 8260B	mg/kg	
10237	Benzene	71-43-2	N.D.	0.0005	0.98
10237	Ethylbenzene	100-41-4	N.D.	0.001	0.98
10237	Naphthalene	91-20-3	N.D.	0.001	0.98
10237	Toluene	108-88-3	N.D.	0.001	0.98
10237	Xylene (Total)	1330-20-7	N.D.	0.001	0.98
GC Volatiles			SW-846 8015B modified	mg/kg	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	0.5	24.73
GC Petroleum Hydrocarbons			SW-846 8015B modified	mg/kg	
02516	Total TPH	n.a.	N.D.	10	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	1
TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Petroleum Hydrocarbons w/Si			SW-846 8015B	mg/kg	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	1
The reverse surrogate, capric acid, is present at <1%.					

General Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/Naphthalene - Soil	SW-846 8260B	1	A151192AA	04/30/2015 07:10	Kathrine K Muramatsu	0.98
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 17:20	Mitchell R Washel	n.a.
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	2	201511537424	04/25/2015 17:20	Mitchell R Washel	n.a.
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	3	201511537424	04/25/2015 17:20	Mitchell R Washel	n.a.
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	4	201511537424	04/25/2015 17:20	Mitchell R Washel	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 16:53	Mitchell R Washel	n.a.

Sample Description: SB-9-S-7.5-150422 Grab Soil
Facility# 90504
15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860827
LL Group # 1556038
Account # 10869

Project Name: 90504

Collected: 04/22/2015 14:00 by DO ChevronTexaco
L4310
Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
Reported: 05/22/2015 08:30 San Ramon CA 94583

HB907

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
06646	GC/MS HL Bulk Sample Prep	SW-846 5035A Modified	2	201511537424	04/25/2015 16:54	Mitchell R Washel	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5035A Modified	3	201511537424	04/25/2015 16:54	Mitchell R Washel	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	15119A34A	04/29/2015 14:46	Marie D Beamenderfer	24.73
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 16:55	Mitchell R Washel	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	2	201511537424	04/25/2015 16:58	Mitchell R Washel	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	3	201511537424	04/25/2015 16:56	Mitchell R Washel	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	4	201511537424	04/25/2015 16:57	Mitchell R Washel	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	5	201511537424	04/25/2015 16:57	Mitchell R Washel	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	151150035A	04/29/2015 02:55	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	151150034A	05/06/2015 11:39	Christine E Dolman	1
11210	DRO by 8015 Microwave w/ SG	SW-846 3546	1	151150034A	04/27/2015 19:30	Sally L Appleyard	1
11218	TPH Fuels Soils Extraction	SW-846 3546	1	151150035A	04/27/2015 19:30	Sally L Appleyard	1

Sample Description: SB-9-S-10-150422 Grab Soil
Facility# 90504
15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860828
LL Group # 1556038
Account # 10869

Project Name: 90504

Collected: 04/22/2015 14:10 by DO ChevronTexaco
L4310
Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
Reported: 05/22/2015 08:30 San Ramon CA 94583

HB910

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles			SW-846 8260B	mg/kg	
10237	Benzene	71-43-2	N.D.	0.0005	1.03
10237	Ethylbenzene	100-41-4	N.D.	0.001	1.03
10237	Naphthalene	91-20-3	N.D.	0.001	1.03
10237	Toluene	108-88-3	N.D.	0.001	1.03
10237	Xylene (Total)	1330-20-7	N.D.	0.001	1.03
GC Volatiles			SW-846 8015B modified	mg/kg	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	0.5	23.65
GC Petroleum Hydrocarbons			SW-846 8015B modified	mg/kg	
02516	Total TPH	n.a.	N.D.	9.9	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	9.9	1
TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Petroleum Hydrocarbons w/Si			SW-846 8015B	mg/kg	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	1
The reverse surrogate, capric acid, is present at <1%.					

General Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/Naphthalene - Soil	SW-846 8260B	1	A151192AA	04/30/2015 07:33	Kathrine K Muramatsu	1.03
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 17:20	Mitchell R Washel	n.a.
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	2	201511537424	04/25/2015 17:23	Mitchell R Washel	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 17:03	Mitchell R Washel	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	15118A34A	04/28/2015 18:45	Marie D Beamenderfer	23.65
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 17:04	Mitchell R Washel	n.a.

Sample Description: SB-9-S-10-150422 Grab Soil
 Facility# 90504
 15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860828
 LL Group # 1556038
 Account # 10869

Project Name: 90504

Collected: 04/22/2015 14:10 by DO

ChevronTexaco

L4310

Submitted: 04/24/2015 10:00

6001 Bollinger Canyon Rd.

Reported: 05/22/2015 08:30

San Ramon CA 94583

HB910

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	151150035A	04/29/2015 03:16	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	151150034A	05/01/2015 16:04	Christine E Dolman	1
11210	DRO by 8015 Microwave w/ SG	SW-846 3546	1	151150034A	04/27/2015 19:30	Sally L Appleyard	1
11218	TPH Fuels Soils Extraction	SW-846 3546	1	151150035A	04/27/2015 19:30	Sally L Appleyard	1

Sample Description: **SB-9-S-12-150422 Grab Soil**
Facility# 90504
15900 Hesperian-San Lorenz T0600100302

LL Sample # **SW 7860829**
 LL Group # **1556038**
 Account # **10869**

Project Name: **90504**

Collected: 04/22/2015 14:15 by DO ChevronTexaco
 L4310
 Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
 Reported: 05/22/2015 08:30 San Ramon CA 94583

HB912

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles			SW-846 8260B	mg/kg	
10237	Benzene	71-43-2	N.D.	0.0005	1.02
10237	Ethylbenzene	100-41-4	N.D.	0.001	1.02
10237	Naphthalene	91-20-3	N.D.	0.001	1.02
10237	Toluene	108-88-3	N.D.	0.001	1.02
10237	Xylene (Total)	1330-20-7	N.D.	0.001	1.02
GC Volatiles			SW-846 8015B modified	mg/kg	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	0.5	24.27
GC Petroleum Hydrocarbons			SW-846 8015B modified	mg/kg	
02516	Total TPH	n.a.	N.D.	10	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	1
TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Petroleum Hydrocarbons w/Si			SW-846 8015B	mg/kg	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	1
The reverse surrogate, capric acid, is present at <1%.					

General Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/Naphthalene - Soil	SW-846 8260B	1	A151192AA	04/30/2015 07:56	Kathrine K Muramatsu	1.02
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 17:20	Mitchell R Washel	n.a.
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	2	201511537424	04/25/2015 17:23	Mitchell R Washel	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 17:10	Mitchell R Washel	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	15118A34A	04/28/2015 19:21	Marie D Beamenderfer	24.27
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 17:10	Mitchell R Washel	n.a.

Sample Description: SB-9-S-12-150422 Grab Soil
 Facility# 90504
 15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860829
 LL Group # 1556038
 Account # 10869

Project Name: 90504

Collected: 04/22/2015 14:15 by DO

ChevronTexaco

L4310

Submitted: 04/24/2015 10:00

6001 Bollinger Canyon Rd.

Reported: 05/22/2015 08:30

San Ramon CA 94583

HB912

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	151150035A	04/29/2015 03:38	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	151150034A	05/01/2015 16:25	Christine E Dolman	1
11210	DRO by 8015 Microwave w/ SG	SW-846 3546	1	151150034A	04/27/2015 19:30	Sally L Appleyard	1
11218	TPH Fuels Soils Extraction	SW-846 3546	1	151150035A	04/27/2015 19:30	Sally L Appleyard	1

Sample Description: SB-9-S-16-150422 Grab Soil
Facility# 90504
15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860830
LL Group # 1556038
Account # 10869

Project Name: 90504

Collected: 04/22/2015 14:20 by DO ChevronTexaco
L4310
Submitted: 04/24/2015 10:00 6001 Bollinger Canyon Rd.
Reported: 05/22/2015 08:30 San Ramon CA 94583

HB916

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles			SW-846 8260B	mg/kg	
10237	Benzene	71-43-2	N.D.	0.0005	0.95
10237	Ethylbenzene	100-41-4	N.D.	0.001	0.95
10237	Naphthalene	91-20-3	N.D.	0.001	0.95
10237	Toluene	108-88-3	N.D.	0.001	0.95
10237	Xylene (Total)	1330-20-7	N.D.	0.001	0.95
GC Volatiles			SW-846 8015B modified	mg/kg	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	0.5	25.56
GC Petroleum Hydrocarbons			SW-846 8015B modified	mg/kg	
02516	Total TPH	n.a.	N.D.	10	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	1
TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Petroleum Hydrocarbons w/Si			SW-846 8015B	mg/kg	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	1
The reverse surrogate, capric acid, is present at <1%. The recovery for the sample surrogate(s) is outside the QC acceptance limits as noted on the QC Summary. The following corrective action was taken: The sample was re-extracted outside the method required holding time and the QC is compliant. All results are reported from the first trial. Similar results were obtained in both trials.					

General Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/Naphthalene - Soil	SW-846 8260B	1	A151192AA	04/30/2015 08:19	Kathrine K Muramatsu	0.95
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 17:23	Mitchell R Washel	n.a.
00374	GC/MS - Bulk Soil Prep	SW-846 5035A Modified	2	201511537424	04/25/2015 17:23	Mitchell R Washel	n.a.

Sample Description: SB-9-S-16-150422 Grab Soil
Facility# 90504
15900 Hesperian-San Lorenz T0600100302

LL Sample # SW 7860830
LL Group # 1556038
Account # 10869

Project Name: 90504

Collected: 04/22/2015 14:20 by DO

ChevronTexaco

L4310

Submitted: 04/24/2015 10:00

6001 Bollinger Canyon Rd.

Reported: 05/22/2015 08:30

San Ramon CA 94583

HB916

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
06646	GC/MS HL Bulk Sample Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 17:15	Mitchell R Washel	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	15118A34A	04/29/2015 04:21	Marie D Beamenderfer	25.56
01150	GC - Bulk Soil Prep	SW-846 5035A Modified	1	201511537424	04/25/2015 17:16	Mitchell R Washel	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	151200002A	04/30/2015 22:24	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	151150034A	04/30/2015 18:37	Christine E Dolman	1
11210	DRO by 8015 Microwave w/ SG	SW-846 3546	1	151150034A	04/27/2015 19:30	Sally L Appleyard	1
11218	TPH Fuels Soils Extraction	SW-846 3546	2	151200002A	04/30/2015 13:15	Wanda F Oswald	1

REVISED

Quality Control Summary

Client Name: ChevronTexaco
Reported: 05/22/2015 08:30

Group Number: 1556038

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: A151181AA	Sample number(s): 7860771-7860779, 7860781-7860784, 7860786-7860792							
Benzene	N.D.	0.0005	mg/kg	106	107	80-120	1	30
Ethylbenzene	N.D.	0.001	mg/kg	110	111	80-120	1	30
Naphthalene	N.D.	0.001	mg/kg	102	106	64-120	4	30
Toluene	N.D.	0.001	mg/kg	109	110	80-120	1	30
Xylene (Total)	N.D.	0.001	mg/kg	111	113	80-120	1	30
Batch number: A151191AA	Sample number(s): 7860793-7860802, 7860804-7860812							
Benzene	N.D.	0.0005	mg/kg	103	103	80-120	0	30
Ethylbenzene	N.D.	0.001	mg/kg	105	105	80-120	0	30
Naphthalene	N.D.	0.001	mg/kg	102	106	64-120	5	30
Toluene	N.D.	0.001	mg/kg	105	104	80-120	0	30
Xylene (Total)	N.D.	0.001	mg/kg	106	106	80-120	0	30
Batch number: A151192AA	Sample number(s): 7860803, 7860813-7860830							
Benzene	N.D.	0.0005	mg/kg	101	101	80-120	0	30
Ethylbenzene	N.D.	0.001	mg/kg	102	102	80-120	0	30
Naphthalene	N.D.	0.001	mg/kg	102	100	64-120	2	30
Toluene	N.D.	0.001	mg/kg	103	103	80-120	0	30
Xylene (Total)	N.D.	0.001	mg/kg	105	104	80-120	1	30
Batch number: Q151181AA	Sample number(s): 7860780, 7860785							
Benzene	N.D.	0.025	mg/kg	107	103	80-120	4	30
Ethylbenzene	N.D.	0.050	mg/kg	103	99	80-120	4	30
Naphthalene	N.D.	0.050	mg/kg	92	88	64-120	5	30
Toluene	N.D.	0.050	mg/kg	108	104	80-120	4	30
Xylene (Total)	N.D.	0.050	mg/kg	104	99	80-120	4	30
Batch number: 15117A16A	Sample number(s): 7860791-7860806, 7860808-7860810							
TPH-GRO N. CA soil C6-C12	N.D.	0.5	mg/kg	96	93	73-120	3	30
Batch number: 15117A34A	Sample number(s): 7860771-7860779, 7860782-7860784, 7860787-7860789							
TPH-GRO N. CA soil C6-C12	N.D.	0.5	mg/kg	81		73-120		
Batch number: 15117A34B	Sample number(s): 7860790							
TPH-GRO N. CA soil C6-C12	N.D.	0.5	mg/kg	81		73-120		
Batch number: 15118A34A	Sample number(s): 7860807, 7860811-7860826, 7860828-7860830							
TPH-GRO N. CA soil C6-C12	N.D.	0.5	mg/kg	84		73-120		
Batch number: 15119A34A	Sample number(s): 7860780-7860781, 7860785-7860786, 7860827							
TPH-GRO N. CA soil C6-C12	N.D.	0.5	mg/kg	77		73-120		
Batch number: 151150008A	Sample number(s): 7860771-7860790							

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

REVISED

Quality Control Summary

Client Name: ChevronTexaco
Reported: 05/22/2015 08:30

Group Number: 1556038

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Total TPH	N.D.	10.	mg/kg	74		64-122		
TPH Motor Oil C16-C36	N.D.	10.	mg/kg					
Batch number: 151150021A	Sample number(s): 7860791-7860810							
Total TPH	N.D.	10.	mg/kg	87		64-122		
TPH Motor Oil C16-C36	N.D.	10.	mg/kg					
Batch number: 151150035A	Sample number(s): 7860811-7860829							
Total TPH	N.D.	10.	mg/kg	86		64-122		
TPH Motor Oil C16-C36	N.D.	10.	mg/kg					
Batch number: 151200002A	Sample number(s): 7860830							
Total TPH	N.D.	10.	mg/kg	88		64-122		
TPH Motor Oil C16-C36	N.D.	10.	mg/kg					
Batch number: 151150007A	Sample number(s): 7860771-7860790							
TPH-DRO soil C10-C28 w/Si Gel	N.D.	4.0	mg/kg	90		59-120		
Batch number: 151150020A	Sample number(s): 7860791-7860810							
TPH-DRO soil C10-C28 w/Si Gel	N.D.	4.0	mg/kg	93		59-120		
Batch number: 151150034A	Sample number(s): 7860811-7860830							
TPH-DRO soil C10-C28 w/Si Gel	N.D.	4.0	mg/kg	111		59-120		

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

<u>Analysis Name</u>	<u>MS %REC</u>	<u>MSD %REC</u>	<u>MS/MSD Limits</u>	<u>RPD</u>	<u>RPD MAX</u>	<u>BKG Conc</u>	<u>DUP Conc</u>	<u>DUP RPD</u>	<u>Dup RPD Max</u>
Batch number: 15117A34A	Sample number(s): 7860771-7860779, 7860782-7860784, 7860787-7860789 UNSPK: 7860790								
TPH-GRO N. CA soil C6-C12	364*	172*	39-118	30	30				
Batch number: 15117A34B	Sample number(s): 7860790 UNSPK: 7860790								
TPH-GRO N. CA soil C6-C12	364*	172*	39-118	30	30				
Batch number: 15118A34A	Sample number(s): 7860807, 7860811-7860826, 7860828-7860830 UNSPK: 7860813								
TPH-GRO N. CA soil C6-C12	87	95	39-118	6	30				
Batch number: 15119A34A	Sample number(s): 7860780-7860781, 7860785-7860786, 7860827 UNSPK: 7860827								
TPH-GRO N. CA soil C6-C12	83	91	39-118	5	30				
Batch number: 151150008A	Sample number(s): 7860771-7860790 UNSPK: 7860771 BKG: 7860771								
Total TPH	75		31-131			N.D.	N.D.	0 (1)	20
TPH Motor Oil C16-C36						N.D.	N.D.	0 (1)	20
Batch number: 151150021A	Sample number(s): 7860791-7860810 UNSPK: 7860791 BKG: 7860791								
Total TPH	79		31-131			N.D.	N.D.	0 (1)	20
TPH Motor Oil C16-C36						N.D.	N.D.	0 (1)	20
Batch number: 151150035A	Sample number(s): 7860811-7860829 UNSPK: 7860813 BKG: 7860813								
Total TPH	-97*		31-131			370	290	22*	20

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

REVISED

Quality Control Summary

Client Name: ChevronTexaco
Reported: 05/22/2015 08:30

Group Number: 1556038

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

<u>Analysis Name</u>	<u>MS</u> <u>%REC</u>	<u>MSD</u> <u>%REC</u>	<u>MS/MSD</u> <u>Limits</u>	<u>RPD</u> <u>RPD</u>	<u>RPD</u> <u>MAX</u>	<u>BKG</u> <u>Conc</u>	<u>DUP</u> <u>Conc</u>	<u>DUP</u> <u>RPD</u>	<u>Dup</u> <u>RPD</u> <u>Max</u>
TPH Motor Oil C16-C36						370	290	22*	20
Batch number: 151200002A	Sample number(s): 7860830 UNSPK: P862738 BKG: P862738								
Total TPH	56		31-131			97	78	22* (1)	20
TPH Motor Oil C16-C36						97	78	22* (1)	20
Batch number: 151150007A	Sample number(s): 7860771-7860790 UNSPK: 7860771 BKG: 7860771								
TPH-DRO soil C10-C28 w/Si Gel	79		30-159			N.D.	N.D.	0 (1)	20
Batch number: 151150020A	Sample number(s): 7860791-7860810 UNSPK: 7860791 BKG: 7860791								
TPH-DRO soil C10-C28 w/Si Gel	82		30-159			N.D.	N.D.	0 (1)	20
Batch number: 151150034A	Sample number(s): 7860811-7860830 UNSPK: 7860813 BKG: 7860813								
TPH-DRO soil C10-C28 w/Si Gel	90		30-159			48	36	29* (1)	20

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: BTEX/Naphthalene - Soil
Batch number: A151181AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7860771	101	99	101	91
7860772	103	102	98	94
7860773	103	103	98	95
7860774	104	108	99	94
7860775	104	106	98	95
7860776	103	105	97	93
7860777	104	102	99	91
7860778	104	101	100	92
7860779	105	106	97	98
7860781	104	103	100	90
7860782	105	103	100	90
7860783	104	100	100	91
7860784	105	104	101	90
7860786	104	101	98	91
7860787	105	101	99	92
7860788	106	106	97	93
7860789	107	105	97	93
7860790	101	103	105	134*
7860791	105	102	96	96
7860792	104	103	97	94
Blank	102	103	99	96
LCS	100	100	101	100
LCSD	100	100	101	101
Limits:	50-141	54-135	52-141	50-131

Analysis Name: BTEX/Naphthalene - Soil

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

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Quality Control Summary

Client Name: ChevronTexaco
Reported: 05/22/2015 08:30

Group Number: 1556038

Surrogate Quality Control

Batch number: A151191AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7860793	97	92	102	93
7860794	100	101	117	99
7860795	101	98	101	91
7860796	102	102	99	94
7860797	107	107	96	87
7860798	103	101	100	91
7860799	104	103	98	95
7860800	104	104	97	96
7860801	103	101	100	92
7860802	103	99	99	91
7860804	102	103	97	102
7860805	103	102	100	91
7860806	100	99	102	105
7860807	101	105	100	90
7860808	103	101	100	93
7860809	105	105	98	91
7860810	105	101	101	89
7860811	106	107	97	98
7860812	102	99	98	92
Blank	102	102	98	95
LCS	100	102	100	101
LCSD	101	104	101	101
Limits:	50-141	54-135	52-141	50-131

Analysis Name: BTEX/Naphthalene - Soil
Batch number: A151192AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7860803	102	102	99	95
7860813	102	99	98	93
7860814	101	99	98	93
7860815	102	98	98	94
7860816	105	107	97	94
7860817	104	103	98	92
7860818	104	102	98	96
7860819	106	102	106	83
7860820	104	101	100	88
7860821	105	103	99	92
7860822	107	105	101	89
7860823	104	105	99	92
7860824	104	100	97	93
7860825	107	103	100	88
7860826	112	110	95	86
7860827	105	102	98	91
7860828	106	104	98	92
7860829	106	102	97	92
7860830	106	101	97	100
Blank	102	101	98	94
LCS	101	103	100	100
LCSD	101	101	100	99
Limits:	50-141	54-135	52-141	50-131

Analysis Name: BTEX/Naphthalene - Soil
Batch number: Q151181AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
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*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

REVISED

Quality Control Summary

Client Name: ChevronTexaco
Reported: 05/22/2015 08:30

Group Number: 1556038

Surrogate Quality Control

7860780	83	88	90	95
7860785	82	84	88	89
Blank	97	104	103	96
LCS	105	110	111	104
LCSD	103	109	105	99
Limits:	50-141	54-135	52-141	50-131

Analysis Name: TPH-GRO N. CA soil C6-C12
Batch number: 15117A16A

Trifluorotoluene-F

7860791	76
7860792	76
7860793	76
7860794	81
7860795	72
7860796	75
7860797	73
7860798	76
7860799	77
7860800	73
7860801	76
7860802	74
7860803	73
7860804	75
7860805	75
7860806	74
7860808	80
7860809	75
7860810	71
Blank	90
LCS	100
LCSD	97
Limits:	50-142

Analysis Name: TPH-GRO N. CA soil C6-C12
Batch number: 15117A34A

Trifluorotoluene-F

7860771	90
7860772	91
7860773	84
7860774	79
7860775	80
7860776	88
7860777	84
7860778	86
7860779	82
7860782	83
7860783	87
7860784	83
7860787	79
7860788	80
7860789	86
Blank	99
LCS	102
MS	93
MSD	80

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

REVISED

Quality Control Summary

Client Name: ChevronTexaco
Reported: 05/22/2015 08:30

Group Number: 1556038

Surrogate Quality Control

Limits: 50-142

Analysis Name: TPH-GRO N. CA soil C6-C12
Batch number: 15117A34B

Trifluorotoluene-F

7860790	71
Blank	92
LCS	102
MS	93
MSD	80

Limits: 50-142

Analysis Name: TPH-GRO N. CA soil C6-C12
Batch number: 15118A34A

Trifluorotoluene-F

7860807	102
7860811	86
7860812	84
7860813	90
7860814	85
7860815	89
7860816	78
7860817	84
7860818	84
7860819	85
7860820	85
7860821	87
7860822	76
7860823	84
7860824	84
7860825	84
7860826	83
7860828	81
7860829	84
7860830	81
Blank	99
LCS	101
MS	89
MSD	88

Limits: 50-142

Analysis Name: TPH-GRO N. CA soil C6-C12
Batch number: 15119A34A

Trifluorotoluene-F

7860780	108
7860781	78
7860785	89
7860786	88
7860827	82
Blank	94
LCS	95
MS	83
MSD	84

Limits: 50-142

Analysis Name: TPH-DRO soil C10-C28 w/Si Gel

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

REVISED

Quality Control Summary

Client Name: ChevronTexaco
Reported: 05/22/2015 08:30

Group Number: 1556038

Surrogate Quality Control

Batch number: 151150007A

Orthoterphenyl	
7860771	87
7860772	79
7860773	86
7860774	85
7860775	83
7860776	81
7860777	88
7860778	80
7860779	93
7860780	96
7860781	92
7860782	95
7860783	99
7860784	91
7860785	92
7860786	89
7860787	89
7860788	83
7860789	87
7860790	91
Blank	93
DUP	83
LCS	128*
MS	108
Limits:	50-123

Analysis Name: TPH Fuels by GC (Soils)
Batch number: 151150008A

Chlorobenzene	Orthoterphenyl	
7860771	77	75
7860772	82	72
7860773	95	81
7860774	84	72
7860775	91	79
7860776	91	83
7860777	95	81
7860778	88	78
7860779	93	83
7860780	105	97
7860781	92	80
7860782	106	88
7860783	106	93
7860784	89	81
7860785	89	89
7860786	92	83
7860787	92	85
7860788	83	70
7860789	79	70
7860790	95	99
Blank	89	91
DUP	68	77
LCS	121	116
MS	119	112
Limits:	58-129	56-133

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

REVISED

Quality Control Summary

Client Name: ChevronTexaco
Reported: 05/22/2015 08:30

Group Number: 1556038

Surrogate Quality Control

Analysis Name: TPH-DRO soil C10-C28 w/Si Gel
Batch number: 151150020A

Orthoterphenyl

7860791	71
7860792	80
7860793	73
7860794	82
7860795	72
7860796	86
7860797	81
7860798	75
7860799	76
7860800	72
7860801	83
7860802	75
7860803	71
7860804	80
7860805	80
7860806	83
7860807	92
7860808	89
7860809	83
7860810	76
Blank	75
DUP	78
LCS	92
MS	85

Limits: 50-123

Analysis Name: TPH Fuels by GC (Soils)
Batch number: 151150021A

Chlorobenzene Orthoterphenyl

	Chlorobenzene	Orthoterphenyl
7860791	105	66
7860792	95	63
7860793	94	60
7860794	95	73
7860795	95	62
7860796	100	81
7860797	94	69
7860798	94	64
7860799	91	67
7860800	95	68
7860801	91	92
7860802	92	70
7860803	93	62
7860804	93	97
7860805	94	74
7860806	106	82
7860807	103	93
7860808	100	82
7860809	102	74
7860810	93	66
Blank	101	91
DUP	94	69
LCS	107	93

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

REVISED

Quality Control Summary

Client Name: ChevronTexaco
Reported: 05/22/2015 08:30

Group Number: 1556038

Surrogate Quality Control

MS	105	83
Limits:	58-129	56-133

Analysis Name: TPH-DRO soil C10-C28 w/Si Gel
Batch number: 151150034A

Orthoterphenyl

7860811	91
7860812	83
7860813	78
7860814	100
7860815	93
7860816	78
7860817	86
7860818	86
7860819	90
7860820	63
7860821	82
7860822	88
7860823	56
7860824	53
7860825	79
7860826	92
7860827	91
7860828	54
7860829	81
7860830	2*
Blank	95
DUP	87
LCS	121
MS	89
Limits:	50-123

Analysis Name: TPH Fuels by GC (Soils)
Batch number: 151150035A

	Chlorobenzene	Orthoterphenyl
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7860811	96	79
7860812	98	83
7860813	95	90
7860814	98	89
7860815	94	81
7860816	98	88
7860817	95	82
7860818	99	93
7860819	90	87
7860820	97	95
7860821	94	91
7860822	84	84
7860823	93	88
7860824	94	91
7860825	92	94
7860826	98	98
7860827	99	89
7860828	93	86
7860829	100	96
Blank	99	94
DUP	102	96

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

REVISED

Quality Control Summary

Client Name: ChevronTexaco
Reported: 05/22/2015 08:30

Group Number: 1556038

Surrogate Quality Control

LCS	105	96
MS	103	86
Limits:	58-129	56-133

Analysis Name: TPH Fuels by GC (Soils)
Batch number: 151200002A

	Chlorobenzene	Orthoterphenyl
7860830	92	87
Blank	92	88
DUP	94	90
LCS	101	97
MS	101	87
Limits:	58-129	56-133

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Chevron California Region Analysis Request/Chain of Custody

251126



For Lancaster Laboratories use only
 Acct. #: 108609 Sample #: 7860771-830 SCR#: _____

C# 1556038

Facility #: 90504
 Site Address: 15900 Hesperian Blvd, San Lorenzo CA
 Chevron PM: Carry MacLeod Lead Consultant: Stantec
 Consultant/Office: Stantec/Los Gatos
 Consultant Prj. Mgr.: Travis Floron
 Consultant Phone #: (408)356-6124 Fax #: (408)356-6138
 Sampler: D. Owens
 Service Order #: _____ Non SAR: _____

Analyses Requested

Preservation Codes

Preservative Codes
 H = HCl T = Thiosulfate
 N = HNO₃ B = NaOH
 S = H₂SO₄ O = Other

- J value reporting needed
- Must meet lowest detection limits possible for 8260 compounds
- 8021 MTBE Confirmation
- Confirm highest hit by 8260
- Confirm all hits by 8260
- Run ___ oxy's on highest hit
- Run ___ oxy's on all hits

Field Point Name	Matrix	Repeat Sample	Top Depth	Year Month Day	Time Collected	New Field Pt.	Grab	Composite	Total Number of Containers	BTEX +AMEB 8260 <input type="checkbox"/> 8021 <input type="checkbox"/>	TPH 8015 MOD GRO	TPH 8015 MOD DRO <input checked="" type="checkbox"/> Silica Gel Cleanup <input checked="" type="checkbox"/>	8260 full scan	Oxygenates	Lead 7420 <input type="checkbox"/> 7421 <input type="checkbox"/>	TPH - MO by 8015B	Naphthalene by 8260B
SB-10@2.5	Soil		2.5	2015 04 21	1200	SB-10	X		1	X	X	X			X	X	
SB-10@5	Soil		5	2015 04 21	1210	SB-10	X		1	X	X	X			X	X	
SB-10@7.5	Soil		7.5	2015 04 21	1230	SB-10	X		1	X	X	X			X	X	
SB-10@10	Soil		10	2015 04 21	1240	SB-10	X		1	X	X	X			X	X	
SB-10@12	Soil		12	2015 04 21	1245	SB-10	X		1	X	X	X			X	X	
SB-10@16 ¹⁵	Soil		16	2015 04 21	1250	SB-10	X		1	X	X	X			X	X	
SB-5@2.5	Soil		2.5	2015 04 22	1515	SB-5	X		1	X	X	X			X	X	
SB-5@5	Soil		5	2015 04 22	1525	SB-5	X		1	X	X	X			X	X	
SB-5@7.5	Soil		7.5	2015 04 22	1530	SB-5	X		1	X	X	X			X	X	
SB-5@10	Soil		10	2015 04 22	1540	SB-5	X		1	X	X	X			X	X	
SB-5@12	Soil		12	2015 04 22	1545	SB-5	X		1	X	X	X			X	X	
SB-5@16	Soil		16	2015 04 22	1550	SB-5	X		1	X	X	X			X	X	

Comments / Remarks
 * DRO - 8015 with ~~with~~ ^{without} SG C
 * updated ID per KM, AB 5/19/15

Turnaround Time Requested (TAT) (please circle)
~~72 hour~~ 48 hour
 24 hour 4 day 5 day

Data Package Options (please circle if required)
 QC Summary Type I - Full
 Type VI (Raw Data) Coelt Deliverable not needed
 WIP (RWQCB)
 Disk

Relinquished by: <u>[Signature]</u>	Date: <u>4/23/15</u>	Time: <u>1500</u>	Received by: <u>FedEx</u>	Date: <u>4/23/15</u>	Time: <u>1500</u>
Relinquished by: _____	Date: _____	Time: _____	Received by: _____	Date: _____	Time: _____
Relinquished by: _____	Date: _____	Time: _____	Received by: _____	Date: _____	Time: _____
Relinquished by Commercial Carrier: <u>UPS</u>	FedEx Other _____		Received by: <u>[Signature]</u>	Date: <u>4/24/15</u>	Time: <u>1000</u>
Temperature Upon Receipt: <u>1.2</u> C°			Custody Seals Intact?	<u>Yes</u>	No

Chevron California Region Analysis Request/Chain of Custody



For Lancaster Laboratories use only 251167
 Acct. #: 108609 Sample #: 7860771-830 SCR#: _____

Facility #: <u>90504</u> Site Address: <u>15900 Hesperian Blvd, San Lorenzo CA</u> Chevron PM: <u>Carryl MacLeod</u> Lead Consultant: <u>Stantec</u> Consultant/Office: <u>Stantec / Los Gatos</u> Consultant Prj. Mgr.: <u>Travis Flora</u> Consultant Phone #: <u>(408) 356-6124</u> Fax #: <u>(408) 356-6138</u> Sampler: <u>D. Owens</u> Service Order #: _____ <input type="checkbox"/> Non SAR: _____							Analyses Requested										G# <u>1556038</u>		
							Preservation Codes										Preservative Codes H = HCl T = Thiosulfate N = HNO ₃ B = NaOH S = H ₂ SO ₄ O = Other <input type="checkbox"/> J value reporting needed <input type="checkbox"/> Must meet lowest detection limits possible for 8260 compounds 8021 MTBE Confirmation <input type="checkbox"/> Confirm highest hit by 8260 <input type="checkbox"/> Confirm all hits by 8260 <input type="checkbox"/> Run ___ oxy's on highest hit <input type="checkbox"/> Run ___ oxy's on all hits		
							Total Number of Containers BTEX + MTBE 8260 <input type="checkbox"/> 8021 <input type="checkbox"/> TPH 8015 MOD GRO <input type="checkbox"/> TPH 8015 MOD DRO <input checked="" type="checkbox"/> Silica Gel Cleanup 8260 full scan <input type="checkbox"/> Oxygenates <input type="checkbox"/> Lead 7420 <input type="checkbox"/> 7421 <input type="checkbox"/> TPH-MO by 8015B Naphthalene by 8260B												
Field Point Name	Matrix	Repeat Sample	Top Depth	Year Month Day	Time Collected	New Field Pt.	Grab	Composite											Comments / Remarks
SB-6e 2.5	Soil		2.5	2015 04 22	0905	SB-6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>											* DRO-8015 with without TP SGC
SB-6e 5	Soil		5	2015 04 22	0910	SB-6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>											
SB-6e 7.5	Soil		7.5	2015 04 22	0920	SB-6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>											
SB-6e 10	Soil		10	2015 04 22	0925	SB-6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>											
SB-6e 12	Soil		12	2015 04 22	0930	SB-6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>											
SB-6e 16	Soil		16	2015 04 22	0940	SB-6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>											
SB-7e 2.5	Soil		2.5	2015 04 22	1015	SB-7	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>											
SB-7e 5	Soil		5	2015 04 22	1025	SB-7	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>											
SB-7e 7.5	Soil		7.5	2015 04 22	1035	SB-7	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>											
SB-7e 10	Soil		10	2015 04 22	1040	SB-7	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>											
SB-7e 12	Soil		12	2015 04 22	1045	SB-7	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>											
SB-7e 16	Soil		16	2015 04 22	1055	SB-7	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>											
Turnaround Time Requested (TAT) (please circle) 24 hour <input type="checkbox"/> 72 hour <input type="checkbox"/> 48 hour <input type="checkbox"/> 4 day <input type="checkbox"/> 5 day <input checked="" type="checkbox"/>							Relinquished by: <u>[Signature]</u> Date: <u>4/23/15</u> Time: <u>1500</u>			Received by: <u>FedEx</u> Date: <u>4/23/15</u> Time: <u>1500</u>									
Data Package Options (please circle if required) QC Summary Type I - Full <input type="checkbox"/> Type VI (Raw Data) <input type="checkbox"/> WIP (RWQCB) <input type="checkbox"/> Disk <input type="checkbox"/>							Relinquished by: _____ Date: _____ Time: _____			Received by: _____ Date: _____ Time: _____									
Relinquished by Commercial Carrier: <u>UPS</u> FedEx _____ Other _____							Received by: <u>[Signature]</u> Date: <u>4/24/15</u> Time: <u>1000</u>			Temperature Upon Receipt: <u>0.3</u> C° Custody Seals Intact? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No									

Chevron California Region Analysis Request/Chain of Custody



251168

For Lancaster Laboratories use only

Acct. #: 10869 Sample #: 7860771-830 SCR#: _____

Facility #: <u>90504</u> Site Address: <u>15900 Hesperian Blvd, San Lorenzo CA</u> Chevron PM: <u>Carryl MacLeod</u> Lead Consultant: <u>Stantec</u> Consultant/Office: <u>Stantec/Los Gatos</u> Consultant Prj. Mgr.: <u>Travis Flora</u> Consultant Phone #: <u>(408)356-6124</u> Fax #: <u>(408)356-6138</u> Sampler: <u>D. Owens</u> Service Order #: _____ <input type="checkbox"/> Non SAR: _____							Analyses Requested										A# <u>1556038</u>		
							Preservation Codes										Preservative Codes H = HCl T = Thiosulfate N = HNO ₃ B = NaOH S = H ₂ SO ₄ O = Other <input type="checkbox"/> J value reporting needed <input type="checkbox"/> Must meet lowest detection limits possible for 8260 compounds 8021 MTBE Confirmation <input type="checkbox"/> Confirm highest hit by 8260 <input type="checkbox"/> Confirm all hits by 8260 <input type="checkbox"/> Run ___ oxy's on highest hit <input type="checkbox"/> Run ___ oxy's on all hits		
							Total Number of Containers BTEX + MTBE 8260 <input type="checkbox"/> 8021 <input type="checkbox"/> TPH 8015 MOD GRO <input checked="" type="checkbox"/> TPH 8015 MOD DRO <input checked="" type="checkbox"/> Silica Gel Cleanup <input checked="" type="checkbox"/> 8260 full scan <input type="checkbox"/> Oxygenates <input type="checkbox"/> Lead 7420 <input type="checkbox"/> 7421 <input type="checkbox"/> TPH - MO by 8015B Naphthalene by 8260B												
Field Point Name	Matrix	Repeat Sample	Top Depth	Year Month Day	Time Collected	New Field Pt.	Grab	Composite											
SB-8 e 2.5	Soil		2.5	2015 04 22	1215	SB-8	<input checked="" type="checkbox"/>	<input type="checkbox"/>											Comments / Remarks *DRO-8015 with + without the SGC
SB-8 e 5	Soil		5	2015 04 22	1225	SB-8	<input checked="" type="checkbox"/>	<input type="checkbox"/>											
SB-8 e 7.5	Soil		7.5	2015 04 22	1230	SB-8	<input checked="" type="checkbox"/>	<input type="checkbox"/>											
SB-8 e 10	Soil		10	2015 04 22	1240	SB-8	<input checked="" type="checkbox"/>	<input type="checkbox"/>											
SB-8 e 12	Soil		12	2015 04 22	1250	SB-8	<input checked="" type="checkbox"/>	<input type="checkbox"/>											
SB-8 e 16	Soil		16	2015 04 22	1255	SB-8	<input checked="" type="checkbox"/>	<input type="checkbox"/>											
SB-9 e 2.5	Soil		2.5	2015 04 22	1345	SB-9	<input checked="" type="checkbox"/>	<input type="checkbox"/>											
SB-9 e 5	Soil		5	2015 04 22	1350	SB-9	<input checked="" type="checkbox"/>	<input type="checkbox"/>											
SB-9 e 7.5	Soil		7.5	2015 04 22	1400	SB-9	<input checked="" type="checkbox"/>	<input type="checkbox"/>											
SB-9 e 10	Soil		10	2015 04 22	1410	SB-9	<input checked="" type="checkbox"/>	<input type="checkbox"/>											
SB-9 e 12	Soil		12	2015 04 22	1415	SB-9	<input checked="" type="checkbox"/>	<input type="checkbox"/>											
SB-9 e 16	Soil		16	2015 04 22	1420	SB-9	<input checked="" type="checkbox"/>	<input type="checkbox"/>											
Turnaround Time Requested (TAT) (please circle) STD. TAT 72 hour 48 hour 24 hour 4 day <u>5 day</u>							Relinquished by: <u>[Signature]</u> Date: <u>4/23/15</u> Time: <u>1500</u>		Received by: <u>[Signature]</u> Date: <u>4/23/15</u> Time: <u>1500</u>										
Data Package Options (please circle if required) QC Summary Type I - Full Type VI (Raw Data) <input type="checkbox"/> Coelt Deliverable not needed WIP (RWQCB) Disk							Relinquished by: _____ Date: _____ Time: _____		Received by: _____ Date: _____ Time: _____										
Relinquished by Commercial Carrier: <input checked="" type="checkbox"/> UPS FedEx Other _____							Received by: <u>[Signature]</u> Date: <u>4/24/15</u> Time: <u>1000</u>		Custody Seals Intact? Yes No										
Temperature Upon Receipt <u>0.3</u> °C																			

Chevron California Region Analysis Request/Chain of Custody



Lancaster Laboratories
Environmental

Acct. # 10869 For Eurofins Lancaster Laboratories Environmental use only
Group # 1556035 Sample # 1860771-830
Instructions on reverse side correspond with circled numbers.

1 Client Information				4 Matrix			5 Analyses Requested										6 Remarks																				
Facility # <u>90504</u>		WBS		Sediment <input type="checkbox"/> Ground <input type="checkbox"/> Surface <input type="checkbox"/>			<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Total Number of Containers</td> <td>BTEX MTBE <u>8021</u></td> <td>TPH-GRO 8015</td> <td>TPH-DRO 8015 without Silica-Gel Cleanup <input checked="" type="checkbox"/></td> <td>TPH-DRO 8015 with Silica Gel Cleanup <input checked="" type="checkbox"/></td> <td>8260 Full Scan</td> <td>Oxygenates</td> <td>Total Lead</td> <td>Dissolved Lead</td> <td colspan="2">TPH-MO by 8015B</td> <td colspan="2">Naphthalene by 8260B</td> </tr> </table>										Total Number of Containers	BTEX MTBE <u>8021</u>	TPH-GRO 8015	TPH-DRO 8015 without Silica-Gel Cleanup <input checked="" type="checkbox"/>	TPH-DRO 8015 with Silica Gel Cleanup <input checked="" type="checkbox"/>	8260 Full Scan	Oxygenates	Total Lead	Dissolved Lead	TPH-MO by 8015B		Naphthalene by 8260B		SCR #: _____							
Total Number of Containers	BTEX MTBE <u>8021</u>	TPH-GRO 8015	TPH-DRO 8015 without Silica-Gel Cleanup <input checked="" type="checkbox"/>	TPH-DRO 8015 with Silica Gel Cleanup <input checked="" type="checkbox"/>	8260 Full Scan	Oxygenates	Total Lead	Dissolved Lead	TPH-MO by 8015B		Naphthalene by 8260B																										
Site Address <u>15900 Hesperian Blvd, San Lorenzo CA</u>				Potable <input type="checkbox"/> NPDES <input type="checkbox"/> Air <input type="checkbox"/> Oil <input type="checkbox"/>													<input type="checkbox"/> Results in Dry Weight <input type="checkbox"/> J value reporting needed <input type="checkbox"/> Must meet lowest detection limits possible for 8260 compounds <input type="checkbox"/> 8021 MTBE Confirmation <input type="checkbox"/> Confirm highest hit by 8260 <input type="checkbox"/> Confirm all hits by 8260 <input type="checkbox"/> Run _____ oxy's on highest hit <input type="checkbox"/> Run _____ oxy's on all hits																				
Chevron PM <u>Carryl MacLeod</u>				Lead Consultant													6 Remarks <u>DRO-8015 with SGC</u>																				
Consultant/Office <u>Stantec / Los Gatos, CA</u>																																					
Consultant Project Mgr. <u>Travis Flora</u>																																					
Consultant Phone # <u>(408)356-6124 x238</u>																																					
Sampler <u>D. Owens</u>				3 Grab Composite																																	
2 Sample Identification		Soil Depth	Collected		Grab	Composite	Soil	Water	Oil	Total Number of Containers	BTEX MTBE <u>8021</u>	TPH-GRO 8015	TPH-DRO 8015 without Silica-Gel Cleanup <input checked="" type="checkbox"/>	TPH-DRO 8015 with Silica Gel Cleanup <input checked="" type="checkbox"/>	8260 Full Scan	Oxygenates	Total Lead	Dissolved Lead	TPH-MO by 8015B	Naphthalene by 8260B																	
Date	Time																																				
<u>SB-1 @ 2.5</u>	<u>2.5</u>	<u>4/20/15</u>	<u>09:45</u>	<input checked="" type="checkbox"/>																	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<u>SB-1 @ 5</u>	<u>5</u>	<u>4/20/15</u>	<u>09:50</u>	<input checked="" type="checkbox"/>																	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<u>SB-1 @ 7.5</u>	<u>7.5</u>	<u>4/20/15</u>	<u>10:05</u>	<input checked="" type="checkbox"/>																	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<u>SB-1 @ 10</u>	<u>10</u>	<u>4/20/15</u>	<u>10:20</u>	<input checked="" type="checkbox"/>																	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<u>SB-1 @ 12</u>	<u>12</u>	<u>4/20/15</u>	<u>10:25</u>	<input checked="" type="checkbox"/>																	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<u>SB-2 @ 2.5</u>	<u>2.5</u>	<u>4/20/15</u>	<u>11:20</u>	<input checked="" type="checkbox"/>																	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<u>SB-2 @ 5</u>	<u>5</u>	<u>4/20/15</u>	<u>12:00</u>	<input checked="" type="checkbox"/>																	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<u>SB-2 @ 7.5</u>	<u>7.5</u>	<u>4/20/15</u>	<u>12:25</u>	<input checked="" type="checkbox"/>																	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<u>SB-2 @ 10</u>	<u>10</u>	<u>4/20/15</u>	<u>12:35</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																
<u>SB-2 @ 12</u>	<u>12</u>	<u>4/20/15</u>	<u>12:40</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																
7 Turnaround Time Requested (TAT) (please circle) <input checked="" type="checkbox"/> Standard <input checked="" type="checkbox"/> 5 day <input type="checkbox"/> 4 day <input type="checkbox"/> 24 hour <input type="checkbox"/> 72 hour <input type="checkbox"/> 48 hour <input type="checkbox"/> 24 hour				Relinquished by <u>[Signature]</u>			Date <u>4/23/15</u> Time <u>1500</u>		Received by <u>FedEx</u>		Date <u>4/23/15</u> Time <u>1500</u>																										
				Relinquished by			Date		Time		Received by		Date																								
				Relinquished by			Date		Time		Received by		Date																								
				Relinquished by Commercial Carrier:			Date		Time		Received by <u>[Signature]</u>		Date <u>4/24/15</u> Time <u>1000</u>																								
8 Data Package (circle if required) Type I - Full <input type="checkbox"/> Type VI (Raw Data) <input type="checkbox"/>				Relinquished by			Date		Time		Received by		Date		Time																						
EDD (circle if required) EDFFLAT (default) <input checked="" type="checkbox"/> Other: _____				UPS <input checked="" type="checkbox"/> FedEx _____ Other _____			Temperature Upon Receipt <u>10.2</u> °C		Custody Seals Intact? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																												

Chevron California Region Analysis Request/Chain of Custody



253383

For Lancaster Laboratories use only

Acct. #: 10869 Sample #: 7860771-83D SCR#: _____

Facility #: 90504

Site Address: 15900 Hesperian Blvd, San Lorenzo CA

Chevron PM: Carryl Macleod Lead Consultant: Stantec

Consultant/Office: Los Gatos, CA

Consultant Prj. Mgr.: Travis Flora

Consultant Phone #: (408)356-6124 Fax #: (408)356-6138

Sampler: D. Owens

Service Order #: _____ Non SAR: _____

C# 1556038

Analyses Requested		Preservation Codes		Preservative Codes	
<input type="checkbox"/> BTEX + MTBE 8260 <input checked="" type="checkbox"/> 8021 <input type="checkbox"/> <input type="checkbox"/> TPH 8015 MOD GRO <input checked="" type="checkbox"/> Silica Gel Cleanup <input type="checkbox"/> <input type="checkbox"/> TPH 8015 MOD DRO <input checked="" type="checkbox"/> 8260 full scan <input type="checkbox"/> <input type="checkbox"/> Oxygenates <input type="checkbox"/> Lead 7420 <input type="checkbox"/> 7421 <input type="checkbox"/> <u>TPH - MO by 8015</u> <u>Naphthalene by 8106</u>		H = HCl T = Thiosulfate N = HNO ₃ B = NaOH S = H ₂ SO ₄ O = Other		<input type="checkbox"/> J value reporting needed <input type="checkbox"/> Must meet lowest detection limits possible for 8260 compounds 8021 MTBE Confirmation <input type="checkbox"/> Confirm highest hit by 8260 <input type="checkbox"/> Confirm all hits by 8260 <input type="checkbox"/> Run ___ oxy's on highest hit <input type="checkbox"/> Run ___ oxy's on all hits	

Field Point Name	Matrix	Repeat Sample	Top Depth	Year Month Day	Time Collected	New Field Pt.	Grab	Composite	Total Number of Containers	BTEX + MTBE 8260 <input checked="" type="checkbox"/> 8021 <input type="checkbox"/>	TPH 8015 MOD GRO <input type="checkbox"/>	TPH 8015 MOD DRO <input checked="" type="checkbox"/> Silica Gel Cleanup <input type="checkbox"/>	8260 full scan <input type="checkbox"/>	Oxygenates <input type="checkbox"/>	Lead 7420 <input type="checkbox"/> 7421 <input type="checkbox"/>	TPH - MO by 8015 <input checked="" type="checkbox"/>	Naphthalene by 8106 <input checked="" type="checkbox"/>
SB-3e 2.5	Soil		2.5	2015 04 20	1415		X		1	X	X	X			X	X	
SB-3e 5	Soil		5	2015 04 20	1425		X		1	X	X	X			X	X	
SB-3e 7.5	Soil		7.5	2015 04 20	1430		X		1	X	X	X			X	X	
SB-3e 10	Soil		10	2015 04 20	1445		X		1	X	X	X			X	X	
SB-3e 12	Soil		12	2015 04 20	1450		X		1	X	X	X			X	X	
SB-4e 2.5	Soil		2.5	2015 04 20	1525		X		1	X	X	X			X	X	
SB-4e 5	Soil		5	2015 04 20	1530		X		1	X	X	X			X	X	
SB-4e 7.5	Soil		7.5	2015 04 20	1540		X		1	X	X	X			X	X	
SB-4e 10	Soil		10	2015 04 20	1550		X		1	X	X	X			X	X	
SB-4e 12	Soil		12	2015 04 20	1555		X		1	X	X	X			X	X	

Comments / Remarks

* DRO - 8015 with +
 without TF
 SGC

Turnaround Time Requested (TAT) (please circle)

24 hour
 72 hour
 48 hour
 4 day
 5 day

Data Package Options (please circle if required)

QC Summary Type I - Full
 Type VI (Raw Data) Coelt Deliverable not needed
 WIP (RWQCB)
 Disk

Relinquished by: <u>[Signature]</u>	Date: <u>4/23/15</u>	Time: <u>1500</u>	Received by: <u>FedEx</u>	Date: <u>4/23/15</u>	Time: <u>1500</u>
Relinquished by: _____	Date: _____	Time: _____	Received by: _____	Date: _____	Time: _____
Relinquished by: _____	Date: _____	Time: _____	Received by: _____	Date: _____	Time: _____
Relinquished by Commercial Carrier: <u>UPS</u>	FedEx	Other: _____	Received by: <u>[Signature]</u>	Date: <u>4/24/15</u>	Time: <u>1000</u>
Temperature Upon Receipt: <u>102</u> °C	Custody Seals Intact? <input checked="" type="radio"/> Yes <input type="radio"/> No				

acct# 10869 GP# 1556038 sample# 7860771-830



Stantec Consulting Services Inc.
15575 Los Gatos Boulevard, Bldg C
Los Gatos, California 95032
Tel: 408-356-6124 Fax: 408-356-6138

Date: 4/20/2015

Page: of

Chain-of-Custody Record and Analysis Request

Project Contact for Results (Hardcopy or PDF To): Travis.Floria@stantec.com
 CC Results to:
 Laboratory: Eurofins
 Lab Phone No.: Lab Fax No.:
 Project Number: 211602395
 Project Name: 90504
 California EDF Report? Yes No
 Global ID No:
 Samplers Name: D. Owens
 Samplers Signature:

Turn-around Time (Business Days):
 5 DAYS 72 HR 48 HR 24 HR

Sample Name	Field Point Name	Sampling		Container				# of Containers	Preservative				Matrix			BTEX by 8260B	Naphthalene by 8260B	TPH-MO by 8015B	TPH-GRO by 8015B	TPH-DRO by 8015B	Sample Remarks	For Lab Use Only
		Date	Time	40 ml VOA x3	SLEEVE	POLY	AMBER		Jar	HCl	HNO ₃	ICE	NONE	WATER	SOIL							
SB-4 @ 16	SB-4	4/20/15	1640	X				1					X	X	X	X	X					
SB-3 @ 16	SB-3	4/20/15	1700	X				1					X	X	X	X	X					
SB-2 @ 16	SB-2	4/20/15	1720	X				1					X	X	X	X	X					
SB-1 @ 16	SB-1	4/20/15	1735	X				1					X	X	X	X	X					

Relinquished by:
 Date: 4/23/15 Time: 1500
 Received by: FedEx
 Relinquished by:
 Date: Time: Received by:
 Relinquished by:
 Date: Time: Received by Laboratory: 4/24/15 1000
 Relinquished By Commercial Carrier: FedEx UPS Other
 Temperature Upon Receipt: 1.2 °C

Remarks: * DRO - 8015 with ~~TPH~~ SGC
 Bill To: Stantec Los Gatos
 15575 Los Gatos Blvd., Bldg C
 Los Gatos, CA 95032

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	BMQL	Below Minimum Quantitation Level
N.D.	none detected	MPN	Most Probable Number
TNTC	Too Numerous To Count	CP Units	cobalt-chloroplatinate units
IU	International Units	NTU	nephelometric turbidity units
umhos/cm	micromhos/cm	ng	nanogram(s)
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
µg	microgram(s)	mg	milligram(s)
mL	milliliter(s)	L	liter(s)
m³	cubic meter(s)	µL	microliter(s)
		pg/L	picogram/liter
<	less than		
>	greater than		
ppm	parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg) or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.		
ppb	parts per billion		
Dry weight basis	Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.		

Laboratory Data Qualifiers:

- B - Analyte detected in the blank
- C - Result confirmed by reanalysis
- E - Concentration exceeds the calibration range
- J (or G, I, X) - estimated value \geq the Method Detection Limit (MDL or DL) and the $<$ Limit of Quantitation (LOQ or RL)
- P - Concentration difference between the primary and confirmation column $>40\%$. The lower result is reported.
- U - Analyte was not detected at the value indicated
- V - Concentration difference between the primary and confirmation column $>100\%$. The reporting limit is raised due to this disparity and evident interference...

Additional Organic and Inorganic CLP qualifiers may be used with Form 1 reports as defined by the CLP methods. Qualifiers specific to Dioxin/Furans and PCB Congeners are detailed on the individual Analysis Report.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, ISO17025) unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff.

This report shall not be reproduced except in full, without the written approval of the laboratory.

Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" are not performed within 15 minutes.

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APPENDIX E

Groundwater Sampling Field Data Sheet

STANTEC CONSULTING GROUNDWATER SAMPLE FIELD DATA SHEET

Project No. 211602395 Purged By: D. Owens Well I.D.: _____
 Client Name: Chevron 90504 Sampled By: D. Owens Sample I.D.: SB-10-GW
 Location: San Leandro What QA Samples?: _____

Date Purged: 4-21-15 Start (2400hr): 1300 End (2400hr): _____
 Date Sampled: 4-21-15 Sample Time (2400hr): 1315

Casing Diameter: 1" X 3" _____ 4" _____ 5" _____ 6" _____ 8" _____ Other _____
 Casing Volume: (gallons per foot) ~~(0.17)~~ (0.38) (0.67) (1.02) (1.50) (2.60) ()
(0.04)

Total depth (feet) = 15.00 Casing Volume (gal) = 0.23
 Depth to water (feet) = 9.30 Calculated Purge (gal) = 0.70 (3 casing vols.)
 Water column height (feet) = 5.7 Actual Purge (gal) = 1.00 gal

FIELD MEASUREMENTS

Date	Time (2400hr)	Volume (gal)	Temp. (degrees C)	Conductivity μS (umhos/cm)	pH (units)	Color (visual)	DTW (ft)	ORP
<u>4-21-15</u>	<u>1300</u>	<u>0</u>	<u>19.7</u>	<u>1281</u>	<u>5.65</u>	<u>brown</u>	_____	<u>-78</u>
_____	<u>1303</u>	<u>.25</u>	<u>19.5</u>	<u>1245</u>	<u>5.98</u>	<u>brown</u>	_____	<u>-78</u>
_____	<u>1306</u>	<u>.50</u>	<u>19.8</u>	<u>1122</u>	<u>6.15</u>	<u>cloudy</u>	_____	<u>-43</u>
_____	<u>1301</u>	<u>.75</u>	<u>19.6</u>	<u>1092</u>	<u>6.37</u>	<u>cloudy</u>	_____	<u>-41</u>
_____	<u>1315</u>	<u>1.0</u>	<u>19.5</u>	<u>1087</u>	<u>6.40</u>	<u>cloudy</u>	_____	<u>-42</u>
_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____

D.O. _____ mg/l, _____ %

PURGING EQUIPMENT

Well Wizard Bladder Pump
 Active Extraction Well Pump
 Submersible Pump
 Peristaltic Pump
 Other: _____
 Pump Depth: _____ (feet)

Bailer (disposable)
 Bailer (PVC)
 Bailer (Stainless Steel)
 Dedicated _____

SAMPLING EQUIPMENT

WW Bladder Pump
 Sample Port
 Submersible Pump
 Peristaltic Pump
 Other: _____

Bailer (disposable)
 Bailer (PVC)
 Bailer (Stainless Steel)
 Dedicated: _____

Analyses: _____
 Sample Vessel / Preservative: 6 HCl VOA's 2 liter Amber Odor: None
2 250mL Amber

Well Integrity: _____

Remarks: _____

Signature: _____

