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RECEIVED
By Alameda County Environmental Health 9:02 am, May 13, 2016

May 4, 2016

Mr. Keith Nowell
Alameda County Environmental Health Services
Environmental Protection
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

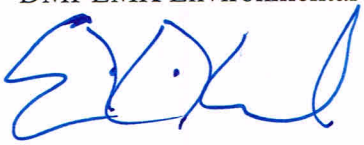
Subject: Winton Valero
23990 Hesperian Boulevard, Hayward, CA 94541
Fuel Leak Case No. RO0003188
GeoTracker Global ID T10000007782
SOIL AND GROUNDWATER ASSESSMENT REPORT AND REQUEST FOR LOW-THREAT CLOSURE

Dear Mr. Nowell:

DMI-EMK Environmental Services, Inc. (DMI-EMK) prepared this *Soil and Groundwater Assessment Report and Request for Low-Threat Closure* on behalf of Mr. Oscar Quiambao, the responsible party (RP) for the subject site located at 23990 Hesperian Boulevard in Hayward, California. In a letter dated October 23, 2015, the Alameda County Environmental Health (ACEH) required submittal of a workplan to delineate the extent of petroleum hydrocarbon impact associated with an identified fuel release at a fuel dispenser island at the subject site. In response, DMI-EMK prepared and submitted a *Soil and Groundwater Assessment Workplan* dated October 26, 2015, which was conditionally approved by ACEH in their letter dated December 4, 2015. The following report summarizes the approved assessment activities which were conducted on February 2, 2016, and presents our findings and recommendations for the subject site. Attached is the RP's authorization to submit this report.

We trust this report meets your current requirements. If you have questions or comments regarding this report, please contact us at (805) 653-0633.

Respectfully submitted,
DMI-EMK Environmental Services, Inc.



Eric M. Kirkegaard, PG #7405
Senior Geologist

cc: Mr. Oscar Quiambao

May 4, 2016

Mr. Eric Kirkegaard
DMI-EMK Environmental Services, Inc.
1056 East Meta Street, #101
Ventura, CA 93001

Subject: Winton Valero
23990 Hesperian Boulevard, Hayward, CA 94541
Fuel Leak Case No. RO0003188
GeoTracker Global ID T10000007782
AUTHORIZATION TO SUBMIT REPORT

Dear Mr. Kirkegaard:

I have reviewed and approve the *Soil and Groundwater Assessment Report and Request for Low-Threat Closure* dated May 4, 2016, prepared by DMI-EMK Environmental Services, Inc. Please submit this document to Alameda County Environmental Health and the State Water Resources Control Board GeoTracker database.

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.

Sincerely,

OQ Enterprises, Inc.

Oscar Quiambao — Date MAY 9, 2016

DMI EMK ENVIRONMENTAL SERVICES, Inc.

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SOIL AND GROUNDWATER ASSESSMENT REPORT AND REQUEST FOR LOW-THREAT CLOSURE

WINTON VALERO
23990 HESPERIAN BOULEVARD
HAYWARD, CALIFORNIA 94541

Fuel Leak Case No. RO0003188
SWRCB Global ID # T10000007782

Prepared for:
Mr. Oscar Quiambao
27472 Hayward Boulevard
Hayward, California 94542

May 4, 2016

CERTIFICATION

This document is an instrument of service, prepared by the undersigned professionals, in accordance with the current standard of care accepted by professional environmental and geologic practice.

DMI-EMK Environmental Services, Inc.

Eric M. Kirkegaard, PG #7405
Senior Geologist

PROFESSIONAL GEOLOGIST
ERIC M. KIRKEGAARD
No. 7405
Exp. 1/31/17
STATE OF CALIFORNIA

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Appendix F Laboratory Analytical Results and Chain-of-Custody Documentation for Soil and Groundwater Samples Collected February 2, 2016
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SOIL AND GROUNDWATER ASSESSMENT REPORT AND REQUEST FOR LOW-THREAT CLOSURE

WINTON VALERO
23990 HESPERIAN BOULEVARD
HAYWARD, CALIFORNIA 94541
Fuel Leak Case No. RO0003188
SWRCB Global ID # T10000007782

1.0 INTRODUCTION

DMI-EMK Environmental Services, Inc. (DMI-EMK) prepared this *Soil and Groundwater Assessment Report and Request for Low-Threat Closure* on behalf of Mr. Oscar Quiambao, the responsible party (RP) for the subject site located at 23990 Hesperian Boulevard in Hayward, California. In a letter dated October 23, 2015, (Appendix A) the Alameda County Environmental Health (ACEH) required submittal of a workplan to delineate the extent of petroleum hydrocarbon impact associated with an identified fuel release at a fuel dispenser island at the subject site. In response, DMI-EMK prepared and submitted a *Soil and Groundwater Assessment Workplan* dated October 26, 2015, which was conditionally approved by ACEH in their letter dated December 4, 2015 (Appendix B). The following report summarizes the approved assessment activities which were conducted on February 2, 2016, and presents our findings and recommendations for the subject site.

2.0 PROJECT DESCRIPTION

The following provides a description of the subject site and the regional and local geologic and hydrogeologic conditions in the vicinity of the site.

2.1 SITE DESCRIPTION

The site is located at 23990 Hesperian Boulevard, in Hayward, California (Figure 1). The site is situated at the northeast corner of West Winton Avenue and Hesperian Boulevard, in an area used for commercial and residential purposes. The site is bordered to the north, east, and south by commercial businesses and residential properties and to the west by Hayward Executive Airport. Until recently, the site was operated as an automobile fueling station containing four underground storage tanks (USTs) and repair facility. The former site configuration is shown on Figure 2. Currently, the automobile repair facility has been removed and the site is being renovated to include a convenience store and updated fuel delivery system (fuel dispensers and underground fuel delivery piping) while utilizing the four existing USTs.

2.2 GEOLOGY AND HYDROGEOLOGY

The site is located within the East Bay Plain Groundwater Basin (Plain) of the San Francisco Bay hydrologic system. The Plain is about 25 miles long, two to seven miles wide, and includes all or portions of the cities of Richmond, San Pablo, EL Cerrito, Albany, Berkeley, Emeryville,

Piedmont, Alameda, Oakland, San Leandro, San Lorenzo, and Hayward. It is bounded by the San Francisco Bay approximately 2.5 miles to the west (nearest surface body of water), the San Pablo Bay to the north, and the Hayward Fault to the east. The southern boundary is defined as the northern boundary of the Alameda County Water District (DWR, 1980). The site is located near the Alameda Creek watershed at the southern end of the Plain. The area has a Mediterranean climate with an average annual rainfall of 23 inches that occurs mostly between November and March. The upland watershed area for the Plain is over 100 square miles along the western slope of the Coast Ranges. The Site is located within the San Leandro Sub-Area of the Plain. Locally, unconsolidated sediments beneath the Sub-Area are approximately 500 feet thick and consist primarily of estuarine deposits of the Alameda Formation and younger alluvial fans. The upper portion of the sub-area is underlain extensively by the Yerba Buena Mud Member that contains high clay content and forms an extensive east-west aquitard across the Plain. This black, organic clay averages 25 to 50 feet thick with a gravel/sand/shell layer commonly in the middle of the unit. The San Francisco Bay Regional Water Quality Control Board (RWQCB, 2015) has identified the Yerba Buena Mud to be an ideal case for "less aggressive" remediation because "groundwater in these shallow deposits is unlikely to be used as a source of drinking water (due to low yield, elevated levels of coliform bacteria from leaking sewer pipes, and requirement of a 50 foot well seal for new municipal wells)." Deeper units beneath the site consist of a sequence of alluvial fan deposits between older muds. From the 1860s to the 1930s, all water supplies to the Plain area were provided by groundwater, springs, and local reservoirs. As a result of the development of various Sierra Nevada water supplies in the 1920s and 1930s, all local municipal water supplies were abandoned. Since then, the Plain has not been a regional water supply source. However, the Plain is used locally for irrigation, industry, emergency water supply purposes, and as a limited drinking water supply. Water service in the Plain is provided by the City of Hayward and East Bay Municipal Utility District (EBMUD). Future potential beneficial uses include utilizing the Basin's aquifers for storage of imported surface water by EBMUD. This storage is intended for use during a drought or an earthquake. Additional potential uses by EBMUD include municipal extraction wells and non-potable irrigation wells (RWQCB, 1999). The City of Hayward overlies the San Lorenzo Cone, which contains upper (Shallow Zone: 0 to 200 feet below ground surface [bgs]) and lower (Deep Zone: greater than 200 feet bgs) aquifers. The Shallow Zone groundwater is generally a calcium-bicarbonate type of water with total dissolved solids (TDS) concentrations ranging from about 300 to 1,000 milligrams per liter (mg/L). The Deep Zone groundwater is generally a sodium-bicarbonate type of water with TDS concentrations ranging from about 300 to 1,400 mg/L (Muir, 1993). Previous investigations in the site area indicate that soils generally consist of sandy silts, silty sands, fine sands, and clays consistent with the Yerba Buena Mud Member. The subsurface conditions can be divided into three broad lithologic units based on texture and relative depth:

1. An upper fine-grained unit, extending to a depth of approximately 25 to 30 feet bgs, consisting of dark brown to olive gray clay, clayey silt and sandy silt, with occasional silty sand beds.
2. A coarse-grained middle unit from a depth of approximately 30 to 45 feet bgs consisting of light brown to brownish yellow silty to gravelly sand, with sandy clay and silt interbeds. This coarse-grained middle unit was not encountered in every boring and is not locally continuous.

3. A lower fine-grained unit beginning at a depth of approximately 45 feet bgs consisting of sandy clay. This lower unit was not detected in all borings that contained the coarse-grained middle unit, primarily because those well borings were drilled to limited depths.

Based on the previous UST investigation conducted at the site, first groundwater likely occurs at approximately 25 feet bgs and generally flows in a west-southwesterly to south-southwesterly direction.

2.3 SITE HISTORY

2.3.1 Previous Activities

Based on information contained in the RWQCB *Site Closure Summary* dated November 8, 2000 (Appendix C), it appears that the site was remediated using soil vapor extraction. Although the *Site Closure Summary* documents maximum pollutant concentrations before and after site cleanup, no other reports were found on the State Water Resources Control Board (SWRCB) GeoTracker database or in the regulatory files at the City of Hayward Fire Department, San Francisco Bay Regional Water Quality Control Board, or ACEH.

2.3.2 Recent Activities

On July 31, 2015, DMI-EMK was onsite to collect compliance soil samples from beneath removed fuel dispenser islands, fuel delivery piping, and UST vent lines, and from stockpiled gravel removed from above the USTs. The soil samples were collected under direction from City of Hayward Fire Department and submitted to a State-certified laboratory for analysis. In addition, soil samples were collected from beneath two removed hydraulic hoists and the footprint of the planned building. Soil sampling locations are shown on Figure 3.

As laboratory analytical results reported for sample D4@2' indicated the presence of elevated concentrations of total petroleum hydrocarbons as diesel (TPH-D) and oil (TPH-O), City of Hayward Fire concurred that a limited excavation was acceptable to remove accessible soil prior to installation of the fuel delivery system scheduled for this area. As such, an area measuring approximately 6 feet by 10 feet was excavated to approximately 14 feet bgs. On September 4, 2015, DMI-EMK was onsite to collect soil samples from the bottom and sidewalls of the excavation, and from the excavation soil stockpile. Soil sampling locations are shown on Figure 3.

As laboratory analytical results reported for the excavation soil samples indicated the presence of total petroleum hydrocarbons as gasoline (TPH-G) and TPH-D as well as several volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs) the City of Hayward Fire Department required the submittal of an Underground Storage Tank (UST) Site – Unauthorized Release / Contamination Report. After review by the Hayward Fire Department and the San Francisco Bay Regional Water Quality Control Board, the case was transferred to ACEH for regulatory oversight.

2.4 CURRENT REQUIREMENTS

In a letter dated October 23, 2015, (Appendix A) ACEH required submittal of a workplan to delineate the extent of petroleum hydrocarbon impact associated with an identified fuel release at the subject site. In response, DMI-EMK prepared and submitted a *Soil and Groundwater Assessment Workplan* dated October 26, 2015, which was conditionally approved by ACEH in their letter dated December 4, 2015 (Appendix B). The following summarizes the approved assessment activities which were conducted on February 2, 2016, and presents our findings and recommendations for the subject site.

3.0 WORK PERFORMED

Soil and groundwater assessment activities were performed on February 2, 2016, and included: 1) advancement of 5 direct-push soil borings (HP1 through HP5, Figure 3); collection of soil and groundwater samples from each boring; and, 3) laboratory analysis of the collected soil and groundwater samples.

3.1 PROJECT INITIATION

Prior to site drilling and sampling activities, DMI-EMK conducted project initiation services which consisted of:

- Negotiation and coordinating workscope approval from regulatory oversight agencies;
- Coordinating work with the RP, regulatory agencies and subcontractors (drillers, laboratory);
- Preparation of a site-specific Health and Safety Plan;
- Obtaining the required well/boring permit from Alameda County Public Works Agency (ACPWA; Appendix D);
- Notifying ACEH and ACPWA of the field work schedule; and,
- Marking the proposed boring locations and contacting Underground Service Alert (USA). USA notified local utility companies of our proposed work in order for them to provide input regarding the presence and location of buried utilities in the planned work area.

3.2 DIRECT PUSH SOIL AND GROUNDWATER ASSESSMENT

On February 2, 2016, Cascade Drilling L.P. of Richmond, drilled 5 direct-push borings (HP1 through HP5, Figure 3) to obtain soil and groundwater samples for field evaluation and laboratory analytical testing. The exploratory borings were drilled and sampled to approximately 30.5 feet bgs using truck-mounted direct-push drilling equipment rig equipped with dual-core, hydraulically driven, core samplers. Drilling activities were conducted under the supervision of a DMI-EMK Senior Geologist (California Professional Geologist).

During drilling, DMI-EMK collected soil samples from borings HP1 through HP5 at approximately five-foot intervals. Upon collection, the soil contained within the sample sleeve was observed for field indications of petroleum hydrocarbon contamination (i.e., odors and/or staining) and a sample interval was selected for laboratory analysis. Following selection, soil

samples were collected following EPA Method 5035 protocol. In addition, a soil sample was retained from a portion of the acetate sample sleeve. The open ends of the sample sleeves were covered with Teflon sheets and plastic caps. The soil samples were then labeled and placed in an ice-chilled cooler. Chain-of-Custody (COC) documentation was completed in the field for the collected soil samples. A total of 30 soil samples were submitted under COC documentation to Oilfield Environmental and Compliance, Inc., (OEC), in Santa Maria, California, for laboratory analysis.

DMI-EMK documented the following field observations encountered during drilling: 1) soil classification, using visual-manual procedures, in general accordance with ASTM Standard D2488; 2) screening the soil samples for volatile organic compound (VOC) vapors using an organic vapor analyzer (OVA); and 3) noting soil discoloration or the presence of odors. Field observations and OVA readings are presented in the Boring Logs (Appendix E).

Following completion of soil sampling, a groundwater sample was collected from each boring using either a 1-inch diameter, disposable, polyvinyl chloride (PVC) well casing installed into each boring. Groundwater was transferred through the PVC casing using clean polythene tubing and placed into 40-milliliter (mL) volatile organic analysis (VOA) and 1-liter amber bottles which were prepared and supplied by an analytical laboratory. The samples were labeled and stored in the field in an ice-cooled chest. A total of 5 groundwater samples were collected and submitted to OEC under COC protocol.

To minimize the potential for cross contamination, down-hole equipment such as the continuous-core samplers and Hydropunch samplers were washed prior to use. Soil cuttings and equipment wash water generated during this investigation were stored in a Department of Transportation (DOT)-approved, 55-gallon drum. The drum was labeled and stored onsite pending review of disposal/recycling options.

Upon completion of sampling, the borings were sealed to approximately 4-inches of the surface using neat cement. The surface of each of boring was then capped with soil up to surface grade. Borehole sealing activities were inspected by ACPWA staff.

During this assessment, a DMI-EMK senior geologist (California Professional Geologist) was onsite to direct the drilling and sampling activities, collect and document soil and groundwater samples from each boring, and to direct the sealing of each of the borings.

3.3 LABORATORY ANALYTICAL PROGRAM

A total of 30 soil samples and 5 groundwater samples collected during this investigation were submitted to OEC for analysis of the following: total petroleum hydrocarbons as diesel (TPH-D) and oil (TPH-O) using EPA Method 8015M; and, Total Petroleum Hydrocarbons as Gasoline (TPH-G) and Volatile Organic Compounds (VOCs), including: benzene, toluene, ethylbenzene, total xylenes (BTEX); 1,2-dichloroethane (EDC); 1,2-dibromoethane (EDB); methyl-tertiary-butyl ether (MTBE); tertiary-amyl-methyl ether (TAME); tertiary-butyl alcohol (TBA); di-isopropyl ether (DIPE); ethyl-tertiary-butyl ether (ETBE); and recalcitrant constituents, which include: n-butylbenzene; sec-butylbenzene; tert-butylbenzene; naphthalene; isopropylbenzene;

4-isopropyltoluene; n-propylbenzene; 1,2,4-trimethylbenzene; and 1,3,5-trimethylbenzene using EPA Method 8260B and LUFT gas chromatography/mass spectrometry (GC/MS). Complete laboratory analytical results and COC documentation for the soil and groundwater samples from the direct-push borings are presented in Appendix F.

4.0 FINDINGS

Laboratory analytical results for the soil samples are summarized in Tables 1A, 1B, and 1C, and laboratory analytical results for the groundwater samples are summarized in Tables 2A, 2B, and 2C. Descriptions of soil and groundwater conditions encountered during drilling and OVA readings for screened soil samples are shown on the Boring/Well Logs presented in Appendix E. Complete laboratory analytical results and COC documentation for the soil and groundwater samples from the direct-push borings are presented in Appendix F.

4.1 FIELD OBSERVATIONS

4.1.1 Soil and Groundwater Conditions

Soils encountered in boring HP1 consisted of sand with cement slurry (backfill material at dispenser excavation) to approximately 13 feet bgs, underlain by clay to approximately 30.5 feet bgs, the maximum depth explored in this boring. Soils encountered in borings HP2, HP3, and HP4 consisted of clay to approximately 30.5 feet bgs, the maximum depth explored in this boring, with a 2-foot thick interval of clay containing a trace amount of fine to coarse grained sand occurring between approximately 9 and 11 feet bgs. Soils encountered in borings HP5 consisted of clayey sand from the surface to approximately 6 feet bgs, underlain by clay to approximately 30.5 feet bgs, the maximum depth explored in this boring, with a 2-foot thick interval of clay containing a trace amount of fine to coarse grained sand occurring between approximately 9 and 11 feet bgs.

First groundwater was observed to occur at approximately 27.5 feet bgs during drilling of each of the borings. Groundwater levels were measured at approximately 20 feet bgs in each of the borings at the time of groundwater sample collection. Free-product was not observed on the groundwater at any of the boring locations.

4.1.2 Observed Hydrocarbon Impacts

The following summarizes the field observations and OVA measurements for soils from borings HP1 through HP5:

HP1 Slight to moderate hydrocarbon odors were observed in soils between approximately 13 and 30.5 feet bgs (the maximum depth explored). OVA readings for soils in this interval were 3.4 parts per million (ppm) at 15 feet bgs, 27 ppm at 20 feet bgs, 4.9 ppm at 25 feet bgs, and 1.4 ppm at 30 feet bgs.

HP2 Slight hydrocarbon odors were observed in soils between approximately 25 and 30.5 feet bgs (the maximum depth explored). OVA readings for soils in this interval were 1.8 ppm at 25 feet bgs and 0.2 ppm at 30 feet bgs.

HP3 Slight hydrocarbon odors were observed in soils at approximately 25 feet bgs. The OVA reading for soil in this interval was 0.6 ppm at 25 feet bgs.

HP4 Slight to moderate hydrocarbon odors were observed in soils between approximately 15 and 30.5 feet bgs (the maximum depth explored). OVA readings for soils in this interval were 3.9 ppm at 15 feet bgs, 10 ppm at 20 feet bgs, 0.8 ppm at 25 feet bgs, and 0.2 ppm at 30 feet bgs.

HP5 Slight to moderate hydrocarbon odors were observed in soils between approximately 20 and 30.5 feet bgs (the maximum depth explored). OVA readings for soils in this interval were 0.6 ppm at 20 feet bgs, 1.3 ppm at 25 feet bgs, and 0.9 ppm at 30 feet bgs.

Descriptions of soil and groundwater conditions encountered during drilling and OVA measurements for screened soil samples are shown on the Boring/Well Logs presented in Appendix E.

4.2 LABORATORY ANALYTICAL RESULTS

4.2.1 Soil Results and LTCP Evaluation

Laboratory analytical results indicate the presence of one or more petroleum hydrocarbon constituents in concentrations at or above the Method Detection Limits (MDLs) used by the laboratory in soil samples from each of the borings sampled during this investigation. However, the reported concentrations do not exceed the SWRCB Low-Threat Underground Storage Tank Case Closure Policy (LTCP) criteria for Commercial/Industrial Land use or Utility Worker exposure (SWRCB LTCP, *Table 1 Concentrations of Petroleum Constituents in Soil That Will Have No Significant Risk of Adversely Affecting Human Health*, August 2012).

4.2.2 Groundwater Results and LTCP Evaluation

Laboratory analytical results indicate the presence of one or more petroleum hydrocarbon constituents in concentrations at or above the laboratory MDLs in groundwater samples from each of the borings sampled during this investigation. Of the detected constituents, none exceed the SWRCB LTCP water quality objectives based on the State of California Primary Maximum Contaminant Levels (Primary MCLs). However, the TBA concentrations in samples HP4-W1 (15 micrograms per liter [µg/L]) and HP5-W1 (17 µg/L) slightly exceed the SWRCB LTCP water quality objectives based on California Drinking Water Action Level of 12 µg/L for TBA. Per the groundwater media-specific criteria of the SWRCB LTCP, the California Primary MCLs and Drinking Water Action Levels are considered the water quality objectives which are used to evaluate the length of the groundwater contaminant plume. The length of the contaminant plume that exceeds water quality objectives is in turn used to determine in which of the five Groundwater-Specific Criteria classes the site may be categorized.

5.0 CONCLUSIONS

5.1 SOIL

The results of this investigation indicate that residual soil petroleum hydrocarbon contaminant concentrations identified in the vicinity of the fuel dispenser release do not exceed the SWRCB LTCP criteria for Commercial/Industrial Land use or Utility Worker. As such, no further corrective actions appear to be warranted with regard to the petroleum hydrocarbon impacted soil identified beneath the site during this investigation.

5.2 GROUNDWATER

Based on field observations, free-product was not observed on the groundwater at any of the boring locations.

While the results of this investigation indicate that residual groundwater contaminant concentrations identified in the vicinity of the fuel dispenser release do not exceed the SWRCB LTCP water quality objectives based on the State of California Primary MCLs. However, the TBA concentrations in samples HP4-W1 (15 micrograms per liter [µg/L]) and HP5-W1 (17 µg/L) slightly exceed the SWRCB LTCP water quality objectives based on California Drinking Water Action Level of 12 µg/L for TBA. As no Primary MCL exists for TBA, and groundwater in the vicinity of the site is not used for drinking water purposes, the TBA concentrations reported in HP4-W1 and HP5-W1 do not appear to represent an exceedance of the SWRCB LTCP water quality objectives.

Based on the results of this investigation which demonstrate that: 1) free-product is not present on groundwater beneath the site; and, 2) petroleum hydrocarbon contaminants reported in the analyzed groundwater samples do not exceed the SWRCB LTCP water quality objectives, the site appears to meet Groundwater Specific Criteria (#1), which states:

a. The contaminant plume that exceeds water quality objectives is less than 100 feet in length.
b. There is no free-product.
c. The nearest existing water supply well or surface water body is greater than 250 feet from the defined plume boundary.

As such, no further corrective actions appear to be warranted with regard to the petroleum hydrocarbon impacted groundwater identified beneath the site during this investigation.

5.3 LTCP SUMMARY CHECKLIST

Based on information contained in the RWQCB *Site Closure Summary* dated November 8, 2000 and the results of this investigation, DMI-EMK completed the attached LTCP Checklist (Appendix G) summarizing General and Media-Specific Criteria for the site.

6.0 RECOMMENDATIONS

Based on the findings and conclusions generated for the site to date, DMI-EMK recommends that ACEH evaluate the site for closure per the SWRCB LTCP.

7.0 LIMITATIONS

This report, including all attached exhibits, describes results of all or a portion of DMI-EMK Environmental Services, Inc.'s (DMI-EMK) investigation into subsurface conditions at the subject site. The findings and recommendations are based on the application of a variety of scientific and technical disciplines to data developed regarding the subject property. The data was developed by observation, sampling, and gathering of information (both documentary and oral) about the property. Some of the data is subject to change over time. Some of the data is based on information not currently observable or measurable, but recorded by documents or orally reported by individuals. The findings and recommendations are based, in part, on application of sampling techniques. Said techniques inherently involve a risk of overstating or understating the presence or severity of contamination. The findings and recommendations are based also on sampling only for the specific contaminants shown in the laboratory reports. The samples taken were not subject to testing for every contaminant known to the environmental industry, and every biological and/or chemical condition known to the environmental industry.

DMI-EMK is not responsible for the accuracy of data not developed by DMI-EMK or its agents or subcontractors. DMI-EMK is not responsible for overstating or understating the presence or severity of contamination. DMI-EMK is not responsible for failing to test for contaminants or biological/chemical conditions it had no reason to know were of concern at the subject site.

DMI-EMK has performed this investigation in a professional manner using that degree of skill and care exercised for similar projects under similar conditions by reputable and competent environmental consultants. No warranty, either expressed or implied, was made. DMI-EMK is not responsible for the ramifications caused by the concealment, withholding or failure to disclose of relevant information known to anyone contacted by DMI-EMK in connection with its work at the subject site. This report and all field data, notes, laboratory test data on which it is based (hereinafter collectively designated "Information") were prepared by DMI-EMK solely for the benefit of DMI-EMK's client Mr. Oscar Quiambao ("Client"). The Client has the legal right to release all or a portion of this Information, in its discretion, to third parties. Said third parties may not have access to all information upon which this report was based, nor access to prior reports, nor to other information developed and not placed in any report (hereinafter collectively designated "Additional Information"). The presence or absence of such Additional Information may materially affect the statement contained in this report. Any use or reliance upon this report of Information by a party other than the Client, therefore, shall be solely at the risk of such third party and without legal recourse against DMI-EMK, its employees, officers, or directors, regardless of whether the action in which recovery of damages is sought based upon contract, tort, statute or otherwise.

8.0 REFERENCES

California Department of Water Resources (DWR), 1980. *Groundwater Basins in California*, Bulletin 118-80, 73 p.

Muir, K.S., 1993. *Evaluation of the Groundwater Monitoring Program and the East Bay Plain, Alameda County, California: Alameda County Flood Control and Water Conservation District,* 33 p.

San Francisco Bay Regional Water Quality Control Board Groundwater Committee (RWQCB), -*RWQCB, 2015. East Bay Plain Groundwater Basin Beneficial Use Evaluation Report*, October 2015, 106 p.
-RWQCB, 2000. *Site Closure Summary - Former Exxon Service Station 7-0128, 2399 Hesperian Boulevard, Hayward California*, November 2000, 4 p.

State Water Resources Control Board (SWRCB), 2012. *Low-Threat Underground Storage Tank Case Closure Policy*, 15 p.

TABLES

TABLE 1A
SUMMARY OF SOIL SAMPLE LABORATORY ANALYTICAL RESULTS (TOTAL PETROLEUM HYDROCARBONS) SAMPLES COLLECTED FEBRUARY 2, 2016

Sample ID	Depth (ft)	TPH-G	TPH-D	TPH-O
HP1-1@5'	**5**	<0.089	8.3	<40
HP1-2@10'	**10**	<0.087	<7.6	<40
HP1-3@15'	**15**	39	25	<40
HP1-4@20'	**20**	340	52	<40
HP1-5@25'	**25**	53	<7.6	<40
HP1-6@30'	**30**	<0.075	<7.6	<40
HP2-1@5'	**5**	0.097 J	<7.6	<40
HP2-2@10'	**10**	<0.078	<7.6	<40
HP2-3@15'	**15**	<0.092	12	<40
HP2-4@20'	**20**	<0.080	<7.6	<40
HP2-5@25'	**25**	1.9	<7.6	<40
HP2-6@30'	**30**	<0.083	<7.6	<40
HP3-1@5'	**5**	<0.079	<7.6	<40
HP3-2@10'	**10**	<0.080	<7.6	<40
HP3-3@15'	**15**	<0.086	9.9 J	<40
HP3-4@20'	**20**	<0.085	<7.6	<40
HP3-5@25'	**25**	2.7	7.6 J	<40
HP3-6@30'	**30**	<0.10	9.6 J	<40
HP4-1@5'	**5**	<0.091	14	<40
HP4-2@10'	**10**	0.30 J	11	<40
HP4-3@15'	**15**	500 D4	180 D5	<40
HP4-4@20'	**20**	590 D4	42 D5	<40
HP4-5@25'	**25**	1.8	15	<40
HP4-6@30'	**30**	<0.083	8.2 J	<40
MDL		**0.0099**	**7.6**	**40**
PQL		**0.50**	**10**	**50**
LTCP Criteria (Comm/Ind) 0 to 5 feet bgs		**100**	**100**	**100**
LTCP Criteria (Comm/Ind) 5 to 10 feet bgs		**100**	**100**	**100**
LTCP Criteria (Utility Worker) 0 to 5 feet bgs		**100**	**100**	**100**

Reported in milligrams per kilogram (mg/kg). Results above laboratory Method Detection Limits (MDLs) are shaded. Results above LTCP Criteria are presented in **bold.** Samples were analyzed by EPA Method 8015M.

TABLE 1A (CONTINUED)
SUMMARY OF SOIL SAMPLE LABORATORY ANALYTICAL RESULTS (TOTAL PETROLEUM HYDROCARBONS) SAMPLES COLLECTED FEBRUARY 2, 2016

Sample ID	Depth (ft)	TPH-G	TPH-D	TPH-O
HP5-1@5'	**5**	<0.078	<7.6	<40
HP5-2@10'	**10**	<0.087	7.7 J	<40
HP5-3@15'	**15**	<0.092	8.3 J	<40
HP5-4@20'	**20**	<0.45	7.9 J	<40
HP5-5@25'	**25**	110	12	<40
HP5-6@30'	**30**	<0.098	<7.6	<40
MDL		**0.0099**	**7.6**	**40**
PQL		**0.50**	**10**	**50**
LTCP Criteria (Comm/Ind) 0 to 5 feet bgs		**100**	**100**	**100**
LTCP Criteria (Comm/Ind) 5 to 10 feet bgs		**100**	**100**	**100**
LTCP Criteria (Utility Worker) 0 to 5 feet bgs		**100**	**100**	**100**

Reported in milligrams per kilogram (mg/kg). Results above laboratory Method Detection Limits (MDLs) are shaded. Results above LTCP Criteria are presented in **bold.** Samples were analyzed by EPA Method 8015M.

TPH-G Total petroleum hydrocarbons as gasoline – quantified against a gasoline standard
TPH-D Total petroleum hydrocarbons as diesel – quantified against a diesel standard
TPH-O Total petroleum hydrocarbons as oil – quantified against an oil standard
MDL/PQL Method Detection Limit / Practical Quantitation Limit employed by the laboratory; MDLs/PQLs may have been raised for samples containing elevated concentrations of contaminants or increased weight of sample
J Estimated concentration; concentration reported above MDL but below PQL
D4 The sample chromatograph pattern does not resemble the fuel standard used for quantitation
D5 Results in the diesel organics range are primarily due to overlap from a gasoline range product

LTCP Criteria: Based on the State Water Resources Control Board (SWRCB) Low-Threat Underground Storage Tank Case Closure Policy (LTCP) Table 1 – Concentrations of Petroleum Constituents in Soil That Will Have No Significant Risk of Adversely Affecting Human Health., August 2012.

Complete analytical results and Chain-of-Custody documentation are included in Appendix F.

TABLE 1B
SUMMARY OF SOIL SAMPLE LABORATORY ANALYTICAL RESULTS
(BTEX AND OXYGENATES)
SAMPLES COLLECTED FEBRUARY 2, 2016

Sample ID	Depth (ft)	B	T	E	X	MTBE	TBA	TAME	DIPE	ETBE
HP1-1@5'	**5**	<0.0018	<0.0018	<0.0018	<0.0018	<0.0018	<0.0088	<0.0018	<0.0018	<0.0018
HP1-2@10'	**10**	<0.0017	<0.0017	<0.0017	<0.0017	<0.0017	<0.0084	<0.0017	<0.0017	<0.0017
HP1-3@15'	**15**	<0.072	<0.072	<0.072	<0.072	<0.072	1.5	<0.072	<0.072	<0.072
HP1-4@20'	**20**	<0.39	<0.39	0.47 J	<0.39	<0.39	<2.0	<0.39	<0.39	<0.39
HP1-5@25'	**25**	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0077	<0.0015	<0.0015	<0.0015
HP1-6@30'	**30**	0.0028 J	<0.0016	<0.0016	<0.0016	<0.0016	<0.0079	<0.0016	<0.0016	<0.0016
HP2-1@5'	**5**	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019	<0.0094	<0.0019	<0.0019	<0.0019
HP2-2@10'	**10**	<0.0018	<0.0018	<0.0018	<0.0018	<0.0018	<0.0088	<0.0018	<0.0018	<0.0018
HP2-3@15'	**15**	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	<0.0081	<0.0016	<0.0016	<0.0016
HP2-4@20'	**20**	<0.0018	<0.0018	<0.0018	<0.0018	<0.0018	<0.0088	<0.0018	<0.0018	<0.0018
HP2-5@25'	**25**	<0.0018	<0.0018	<0.0018	<0.0018	<0.0018	<0.0092	<0.0018	<0.0018	<0.0018
HP2-6@30'	**30**	<0.0018	<0.0018	<0.0018	<0.0018	<0.0018	<0.0089	<0.0018	<0.0018	<0.0018
MDL		**0.0020**	**0.0020**	**0.0020**	**0.0020**	**0.0020**	**0.010**	**0.0020**	**0.0020**	**0.0020**
PQL		**0.0050**	**0.0050**	**0.0050**	**0.0050**	**0.0050**	**0.025**	**0.0050**	**0.0050**	**0.0050**
LTCP Criteria (Comm/Ind) 0 to 5 feet bgs		**8.2**	**nl**	**89**	**nl**	**nl**	**nl**	**nl**	**nl**	**nl**
LTCP Criteria (Comm/Ind) 5 to 10 feet bgs		**12**	**nl**	**134**	**nl**	**nl**	**nl**	**nl**	**nl**	**nl**
LTCP Criteria (Utility Worker) 0 to 5 feet bgs		**14**	**nl**	**314**	**nl**	**nl**	**nl**	**nl**	**nl**	**nl**

Reported in milligrams per kilogram (mg/kg). Results above laboratory Method Detection Limits (MDLs) are shaded. Results above LTCP Criteria are presented in **bold.**
Samples were analyzed by EPA Method 8260B.

TABLE 1B (CONTINUED)
SUMMARY OF SOIL SAMPLE LABORATORY ANALYTICAL RESULTS
(BTEX AND OXYGENATES)
SAMPLES COLLECTED FEBRUARY 2, 2016

Sample ID	Depth (ft)	B	T	E	X	MTBE	TBA	TAME	DIPE	ETBE
HP3-1@5'	**5**	<0.0017	<0.0017	<0.0017	<0.0017	<0.0017	<0.0086	<0.0017	<0.0017	<0.0017
HP3-2@10'	**10**	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0077	<0.0015	<0.0015	<0.0015
HP3-3@15'	**15**	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	<0.0081	<0.0016	<0.0016	<0.0016
HP3-4@20'	**20**	<0.0017	<0.0017	<0.0017	<0.0017	<0.0017	<0.0083	<0.0017	<0.0017	<0.0017
HP3-5@25'	**25**	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0076	<0.0015	<0.0015	<0.0015
HP3-6@30'	**30**	<0.0017	<0.0017	<0.0017	<0.0017	<0.0017	<0.0084	<0.0017	<0.0017	<0.0017
HP4-1@5'	**5**	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019	<0.0094	<0.0019	<0.0019	<0.0019
HP4-2@10'	**10**	<0.0017	<0.0017	<0.0017	0.0017 J	<0.0017	<0.0085	<0.0017	<0.0017	<0.0017
HP4-3@15'	**15**	<0.37	<0.37	1.7	<0.37	<0.37	<1.8	<0.37	<0.37	<0.37
HP4-4@20'	**20**	<0.40	<0.40	<0.40	<0.40	<0.40	<2.0	<0.40	<0.40	<0.40
HP4-5@25'	**25**	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	<0.0081	<0.0016	<0.0016	<0.0016
HP4-6@30'	**30**	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	<0.0081	<0.0016	<0.0016	<0.0016
MDL		**0.0020**	**0.0020**	**0.0020**	**0.0020**	**0.0020**	**0.010**	**0.0020**	**0.0020**	**0.0020**
PQL		**0.0050**	**0.0050**	**0.0050**	**0.0050**	**0.0050**	**0.025**	**0.0050**	**0.0050**	**0.0050**
LTCP Criteria (Comm/Ind) 0 to 5 feet bgs		**8.2**	**nl**	**89**	**nl**	**nl**	**nl**	**nl**	**nl**	**nl**
LTCP Criteria (Comm/Ind) 5 to 10 feet bgs		**12**	**nl**	**134**	**nl**	**nl**	**nl**	**nl**	**nl**	**nl**
LTCP Criteria (Utility Worker) 0 to 5 feet bgs		**14**	**nl**	**314**	**nl**	**nl**	**nl**	**nl**	**nl**	**nl**

Reported in milligrams per kilogram (mg/kg). Results above laboratory Method Detection Limits (MDLs) are shaded. Results above LTCP Criteria are presented in **bold.**
Samples were analyzed by EPA Method 8260B.

TABLE 1B (CONTINUED)
SUMMARY OF SOIL SAMPLE LABORATORY ANALYTICAL RESULTS
(BTEX AND OXYGENATES)
SAMPLES COLLECTED FEBRUARY 2, 2016

Sample ID	Depth (ft)	B	T	E	X	MTBE	TBA	TAME	DIPE	ETBE
HP5-1@5'	**5**	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	<0.0081	<0.0016	<0.0016	<0.0016
HP5-2@10'	**10**	<0.0017	<0.0017	<0.0017	<0.0017	<0.0017	<0.0083	<0.0017	<0.0017	<0.0017
HP5-3@15'	**15**	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	<0.0082	<0.0016	<0.0016	<0.0016
HP5-4@20'	**20**	<0.0017	<0.0017	<0.0017	0.0017 J	<0.0017	<0.0086	<0.0017	<0.0017	<0.0017
HP5-5@25'	**25**	<0.0014	<0.0014	<0.0014	<0.0014	<0.0014	<0.0071	<0.0014	<0.0014	<0.0014
HP5-6@30'	**30**	<0.0018	<0.0018	<0.0018	<0.0018	<0.0018	<0.0090	<0.0018	<0.0018	<0.0018
MDL		**0.0020**	**0.0020**	**0.0020**	**0.0020**	**0.0020**	**0.010**	**0.0020**	**0.0020**	**0.0020**
PQL		**0.0050**	**0.0050**	**0.0050**	**0.0050**	**0.0050**	**0.025**	**0.0050**	**0.0050**	**0.0050**
LTCP Criteria (Comm/Ind) 0 to 5 feet bgs		**8.2**	**nl**	**89**	**nl**	**nl**	**nl**	**nl**	**nl**	**nl**
LTCP Criteria (Comm/Ind) 5 to 10 feet bgs		**12**	**nl**	**134**	**nl**	**nl**	**nl**	**nl**	**nl**	**nl**
LTCP Criteria (Utility Worker) 0 to 5 feet bgs		**14**	**nl**	**314**	**nl**	**nl**	**nl**	**nl**	**nl**	**nl**

Reported in milligrams per kilogram (mg/kg). Results above laboratory Method Detection Limits (MDLs) are shaded. Results above LTCP Criteria are presented in **bold.**
Samples were analyzed by EPA Method 8260B.

TABLE 1B (CONTINUED)
SUMMARY OF SOIL SAMPLE LABORATORY ANALYTICAL RESULTS
(BTEX AND OXYGENATES)
SAMPLES COLLECTED FEBRUARY 2, 2016

B	Benzene
T	Toluene
E	Ethylbenzene
X	Total xylenes
MTBE	Methyl-tertiary-Butyl Ether
TBA	tertiary-Butyl Alcohol
TAME	tertiary-Amyl-Methyl Ether
DIPE	Di-isopropyl Ether
ETBE	Ethyl-tertiary-Butyl Ether
MDL/PQL	Method Detection Limit / Practical Quantitation Limit employed by the laboratory; MDLs/PQLs may have been raised for samples containing elevated concentrations of contaminants or increased weight of sample
J	Estimated concentration; concentration reported above MDL but below PQL
LTCP Criteria:	Based on the State Water Resources Control Board (SWRCB) Low-Threat Underground Storage Tank Case Closure Policy (LTCP) Table 1 – Concentrations of Petroleum Constituents in Soil That Will Have No Significant Risk of Adversely Affecting Human Health., August 2012.
nl	LTCP Criteria not listed for this constituent

Complete analytical results and Chain-of-Custody documentation are included in Appendix F.

TABLE 1C
SUMMARY OF SOIL SAMPLE LABORATORY ANALYTICAL RESULTS
(RECALCITRANT COMPOUNDS)
SAMPLES COLLECTED FEBRUARY 2, 2016

Sample ID	Depth (ft)	n-Butyl-benzene	Sec-Butyl-benzene	Tert-Butyl-benzene	Isopropyl-benzene	Naphthalene	n-Propyl-benzene	1,2,4-Trimethyl-benzene	1,3,5-Trimethyl-benzene
HP1-1@5'	**5**	<0.0018	<0.0018	<0.0018	<0.0018	<0.0018	<0.0018	<0.0018	<0.0018
HP1-2@10'	**10**	<0.0017	<0.0017	<0.0017	<0.0017	<0.0017	<0.0017	<0.0017	<0.0017
HP1-3@15'	**15**	0.059	0.37	<0.072	<0.072	<0.072	0.19	<0.072	<0.072
HP1-4@20'	**20**	16	5.2	<0.39	5.3	<0.39	20	<0.39	<0.39
HP1-5@25'	**25**	0.0062	0.0038 J	<0.0015	0.0015 J	<0.0015	0.0041	<0.0015	<0.0015
HP1-6@30'	**30**	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016
HP2-1@5'	**5**	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019
HP2-2@10'	**10**	<0.0018	<0.0018	<0.0018	<0.0018	<0.0018	<0.0018	<0.0018	<0.0018
HP2-3@15'	**15**	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016
HP2-4@20'	**20**	<0.0018	<0.0018	<0.0018	<0.0018	<0.0018	<0.0018	<0.0018	<0.0018
HP2-5@25'	**25**	<0.0018	<0.0018	<0.0018	<0.0018	<0.0018	<0.0018	<0.0018	<0.0018
HP2-6@30'	**30**	<0.0018	<0.0018	<0.0018	<0.0018	<0.0018	<0.0018	<0.0018	<0.0018
MDL		**0.0020**	**0.0020**	**0.0020**	**0.0020**	**0.0020**	**0.0020**	**0.0020**	**0.0020**
PQL		**0.0050**	**0.0050**	**0.0050**	**0.0050**	**0.0050**	**0.0050**	**0.0050**	**0.0050**
LTCP Criteria (Comm/Ind) 0 to 5 feet bgs		**nl**	**nl**	**nl**	**nl**	**45**	**nl**	**nl**	**nl**
LTCP Criteria (Comm/Ind) 5 to 10 feet bgs		**nl**	**nl**	**nl**	**nl**	**45**	**nl**	**nl**	**nl**
LTCP Criteria (Utility Worker) 0 to 5 feet bgs		**nl**	**nl**	**nl**	**nl**	**219**	**nl**	**nl**	**nl**

Reported in milligrams per kilogram (mg/kg). Results above laboratory Method Detection Limits (MDLs) are shaded. Results above LTCP Criteria are presented in **bold.**
Samples were analyzed by EPA Method 8260B.

TABLE 1C (CONTINUED)
SUMMARY OF SOIL SAMPLE LABORATORY ANALYTICAL RESULTS
(RECALCITRANT COMPOUNDS)
SAMPLES COLLECTED FEBRUARY 2, 2016

Sample ID	Depth (ft)	n-Butyl-benzene	Sec-Butyl-benzene	Tert-Butyl-benzene	Isopropyl-benzene	Naphthalene	n-Propyl-benzene	1,2,4-Trimethyl-benzene	1,3,5-Trimethyl-benzene
HP3-1@5'	**5**	<0.0017	<0.0017	<0.0017	<0.0017	<0.0017	<0.0017	<0.0017	<0.0017
HP3-2@10'	**10**	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015
HP3-3@15'	**15**	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016
HP3-4@20'	**20**	<0.0017	<0.0017	<0.0017	<0.0017	<0.0017	<0.0017	<0.0017	<0.0017
HP3-5@25'	**25**	0.052	0.030	0.0019 J	0.0015 J	<0.0015	0.0037 J	<0.0015	<0.0015
HP3-6@30'	**30**	<0.0017	<0.0017	<0.0017	<0.0017	<0.0017	<0.0017	<0.0017	<0.0017
HP4-1@5'	**5**	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019
HP4-2@10'	**10**	<0.0017	<0.0017	<0.0017	<0.0017	0.0036 J	<0.0017	0.0079	0.0070
HP4-3@15'	**15**	9.2	4.4	0.43 J	5.1	1.1	18	<0.37	<0.37
HP4-4@20'	**20**	10	3.0	<0.40	1.6	<0.40	6.4	<0.40	<0.40
HP4-5@25'	**25**	0.0026 J	<0.0016	<0.0016	0.0033 J	<0.0016	0.0072	<0.0016	<0.0016
HP4-6@30'	**30**	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016
MDL		**0.0020**	**0.0020**	**0.0020**	**0.0020**	**0.0020**	**0.0020**	**0.0020**	**0.0020**
PQL		**0.0050**	**0.0050**	**0.0050**	**0.0050**	**0.0050**	**0.0050**	**0.0050**	**0.0050**
LTCP Criteria (Comm/Ind) 0 to 5 feet bgs		**nl**	**nl**	**nl**	**nl**	**45**	**nl**	**nl**	**nl**
LTCP Criteria (Comm/Ind) 5 to 10 feet bgs		**nl**	**nl**	**nl**	**nl**	**45**	**nl**	**nl**	**nl**
LTCP Criteria (Utility Worker) 0 to 5 feet bgs		**nl**	**nl**	**nl**	**nl**	**219**	**nl**	**nl**	**nl**

Reported in milligrams per kilogram (mg/kg). Results above laboratory Method Detection Limits (MDLs) are shaded. Results above LTCP Criteria are presented in **bold.**
Samples were analyzed by EPA Method 8260B.

TABLE 1C (CONTINUED)
SUMMARY OF SOIL SAMPLE LABORATORY ANALYTICAL RESULTS
(RECALCITRANT COMPOUNDS)
SAMPLES COLLECTED FEBRUARY 2, 2016

Sample ID	Depth (ft)	n-Butyl-benzene	Sec-Butyl-benzene	Tert-Butyl-benzene	Isopropyl-benzene	Naphthalene	n-Propyl-benzene	1,2,4-Trimethyl-benzene	1,3,5-Trimethyl-benzene
HP5-1@5'	**5**	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016
HP5-2@10'	**10**	<0.0017	<0.0017	<0.0017	<0.0017	<0.0017	<0.0017	<0.0017	<0.0017
HP5-3@15'	**15**	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016
HP5-4@20'	**20**	<0.0017	<0.0017	<0.0017	0.0036 J	<0.0017	0.0042 J	0.0029 J	<0.0017
HP5-5@25'	**25**	<0.0014	<0.0014	<0.0014	<0.0014	<0.0014	<0.0014	<0.0014	<0.0014
HP5-6@30'	**30**	<0.0018	<0.0018	<0.0018	<0.0018	<0.0018	<0.0018	<0.0018	<0.0018
MDL		**0.0020**	**0.0020**	**0.0020**	**0.0020**	**0.0020**	**0.0020**	**0.0020**	**0.0020**
PQL		**0.0050**	**0.0050**	**0.0050**	**0.0050**	**0.0050**	**0.0050**	**0.0050**	**0.0050**
LTCP Criteria (Comm/Ind) 0 to 5 feet bgs		**nl**	**nl**	**nl**	**nl**	**45**	**nl**	**nl**	**nl**
LTCP Criteria (Comm/Ind) 5 to 10 feet bgs		**nl**	**nl**	**nl**	**nl**	**45**	**nl**	**nl**	**nl**
LTCP Criteria (Utility Worker) 0 to 5 feet bgs		**nl**	**nl**	**nl**	**nl**	**219**	**nl**	**nl**	**nl**

Reported in milligrams per kilogram (mg/kg). Results above laboratory Method Detection Limits (MDLs) are shaded. Results above LTCP Criteria are presented in **bold.**
Samples were analyzed by EPA Method 8260B.

MDL/PQL	Method Detection Limit / Practical Quantitation Limit employed by the laboratory; MDLs/PQLs may have been raised for samples containing elevated concentrations of contaminants or increased weight of sample
J	Estimated concentration; concentration reported above MDL but below PQL
LTCP Criteria:	Based on the State Water Resources Control Board (SWRCB) Low-Threat Underground Storage Tank Case Closure Policy (LTCP) Table 1 – Concentrations of Petroleum Constituents in Soil That Will Have No Significant Risk of Adversely Affecting Human Health., August 2012.
nl	LTCP Criteria not listed for this constituent

Complete analytical results and Chain-of-Custody documentation are included in Appendix F.

TABLE 2A
SUMMARY OF GROUNDWATER SAMPLE LABORATORY ANALYTICAL RESULTS (TOTAL PETROLEUM HYDROCARBONS) SAMPLES COLLECTED FEBRUARY 2, 2016

Sample ID	TPH-G	TPH-D	TPH-O
HP1-W1	290	81	<54
HP2-W1	400	65	<53
HP3-W1	370	170	76
HP4-W1	1,200	120	<54
HP5-W1	1,100	92	<51
MDL	**25**	**41**	**50**
PQL	**50**	**50**	**100**
MCL[1]/WQO[2]	**nl**	**nl**	**nl**

Reported in micrograms per liter (µg/L). Results above laboratory Method Detection Limits (MDLs) are shaded. Results above MCLs/WQOs are presented in **bold.** Samples were analyzed by EPA Method 8015M.

TPH-G	Total petroleum hydrocarbons as gasoline – quantified against a gasoline standard
TPH-D	Total petroleum hydrocarbons as diesel – quantified against a diesel standard
TPH-O	Total petroleum hydrocarbons as oil – quantified against an oil standard
MDL/PQL	Method Detection Limit / Practical Quantitation Limit employed by the laboratory; MDLs/PQLs may have been raised for samples containing elevated concentrations of contaminants
J	Estimated concentration; concentration reported above MDL but below PQL
nl	LTCP Criteria not listed for this constituent
MCL[1]/WQO[2]	State Drinking Water Maximum Contaminant Level / Water Quality Objective

Complete analytical results and Chain-of-Custody documentation are included in Appendix F.

TABLE 2B
SUMMARY OF GROUNDWATER SAMPLE LABORATORY ANALYTICAL RESULTS
(BTEX AND OXYGENATES)
SAMPLES COLLECTED FEBRUARY 2, 2016

Sample ID	B	T	E	X	MTBE	TBA	TAME	DIPE	ETBE
HP1-W1	<0.25	<0.25	0.33 J	0.29 J	0.36 J	<2.5	<0.25	<0.25	<0.25
HP2-W1	<0.25	<0.25	<0.25	0.47 J	<0.25	<2.5	<0.25	<0.25	<0.25
HP3-W1	<0.25	0.28 J	<0.25	0.53	<0.25	<2.5	<0.25	<0.25	<0.25
HP4-W1	0.37 J	0.33 J	0.96	0.89	3.9	**15**	<0.25	<0.25	<0.25
HP5-W1	<0.25	0.27 J	<0.25	0.55	1.2	**17**	<0.25	<0.25	<0.25
MDL	**0.25**	**0.25**	**0.25**	**0.27**	**0.25**	**2.5**	**0.25**	**0.25**	**0.25**
PQL	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**10**	**0.50**	**0.50**	**0.50**
MCL[1]/WQO[2]	**1.0[1]**	**150[1]**	**300[1]**	**1,750[1]**	**13[1]**	**12[2]**	**nl**	**nl**	**nl**

Reported in micrograms per liter (µg/L). Results above laboratory Method Detection Limits (MDLs) are shaded. Results above MCLs/WQOs are presented in **bold.** Samples were analyzed by EPA Method 8260B.

B	Benzene
T	Toluene
E	Ethylbenzene
X	Total xylenes
MTBE	Methyl-tertiary-Butyl Ether
TBA	tertiary-Butyl Alcohol
TAME	tertiary-Amyl-Methyl Ether
DIPE	Di-isopropyl Ether
ETBE	Ethyl-tertiary-Butyl Ether

MDL/PQL	Method Detection Limit / Practical Quantitation Limit employed by the laboratory; MDLs/PQLs may have been raised for samples containing elevated concentrations of contaminants
J	Estimated concentration; concentration reported above MDL but below PQL
MCL[1]/WQO[2]	Primary Maximum Contaminant Level / Water Quality Objective (California Drinking Water Action Level)
nl	MCL/WQO not listed for this constituent

Complete analytical results and Chain-of-Custody documentation are included in Appendix F.

TABLE 2C
SUMMARY OF GROUNDWATER SAMPLE LABORATORY ANALYTICAL RESULTS
(RECALCITRANT COMPOUNDS)
SAMPLES COLLECTED FEBRUARY 2, 2016

Sample ID	n-Butyl-benzene	Sec-Butyl-benzene	Tert-Butyl-benzene	Isopropyl-benzene	Naphthalene	n-Propyl-benzene	1,2,4-Trimethyl-benzene	1,3,5-Trimethyl-benzene
HP1-W1	3.4	1.8	0.45 J	2.0	2.0	6.8	0.44 J	<0.25
HP2-W1	0.36 J	0.97	0.36 J	<0.25	<0.25	<0.25	<0.25	<0.25
HP3-W1	0.77	2.2	0.49 J	0.43 J	<0.25	0.29 J	0.25 J	<0.25
HP4-W1	9.6	7.7	0.71	23	1.4	44	0.29 J	<0.25
HP5-W1	1.3	3.0	0.46 J	11	<0.25	6.8	<0.25	<0.25
MDL	**0.25**	**0.25**	**0.25**	**0.25**	**0.25**	**0.25**	**0.25**	**0.25**
PQL	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**
MCL/WQO	**260[2]**	**260[2]**	**260[2]**	**770[2]**	**17[2]**	**260[2]**	**330[2]**	**330[2]**

Reported in micrograms per liter (µg/L). Results above laboratory Method Detection Limits (MDLs) are shaded. Results above MCLs/WQOs are presented in **bold.** Samples were analyzed by EPA Method 8260B.

MDL/PQL Method Detection Limit / Practical Quantitation Limit employed by the laboratory; MDLs/PQLs may have been raised for samples containing elevated concentrations of contaminants
J Estimated concentration; concentration reported above MDL but below PQL
MCL[1]/WQO[2] State Drinking Water Maximum Contaminant Level / Water Quality Objective
nl MCL/WQO not listed for this constituent

Complete analytical results and Chain-of-Custody documentation are included in Appendix F.

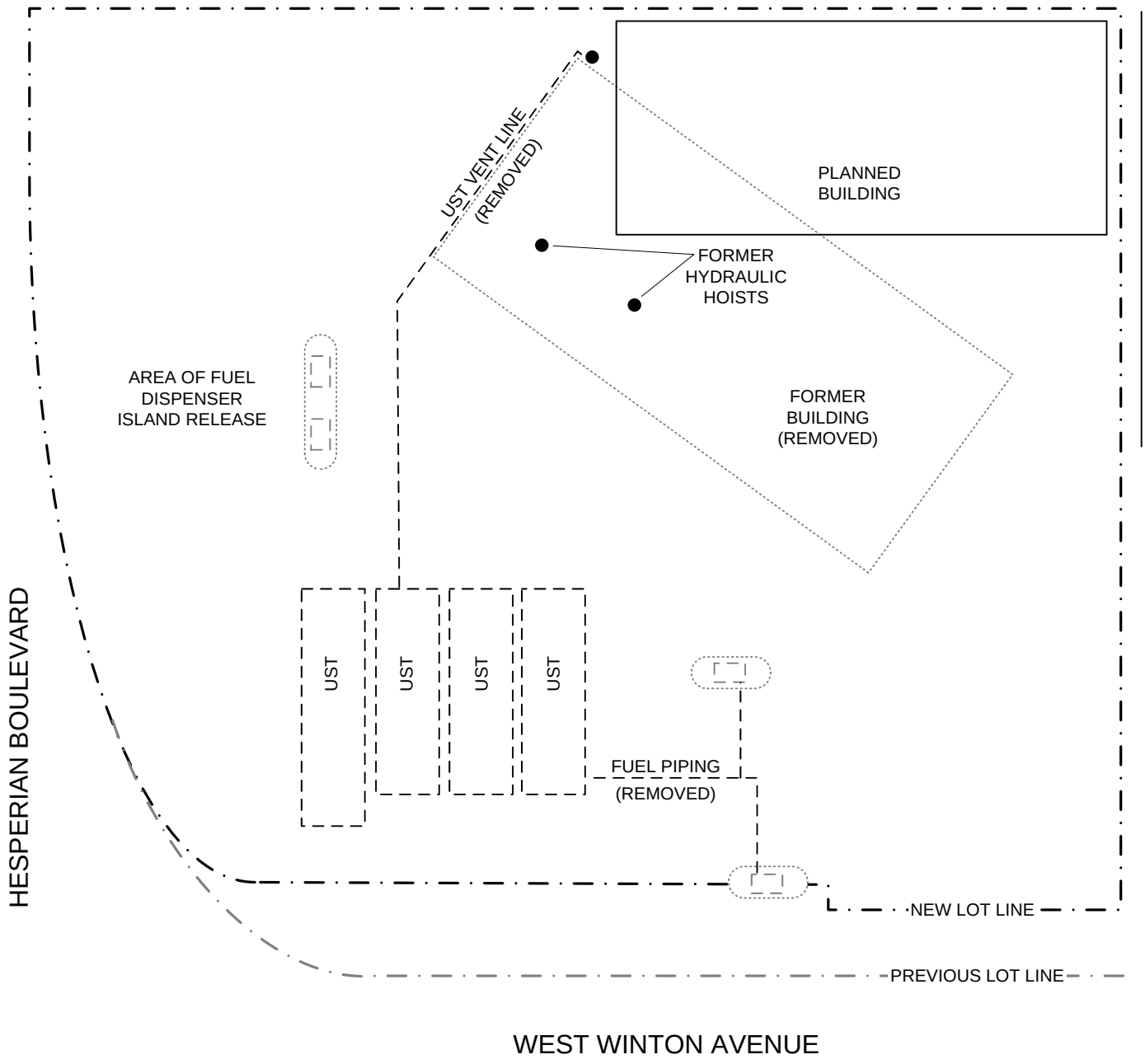
FIGURES

SITE LOCATION MAP

WINTON VALERO
23990 HESPERIAN BOULEVARD
HAYWARD, CALIFORNIA

DMI-EMK Environmental Services, Inc.	**FIGURE 1**

DATE: 5/4/16



N

APPROX. SCALE: 1" = 20'

0ft. 12ft. 20ft. 40ft.

KEY

UST — UNDERGROUND STORAGE TANK (UST) LOCATIONS (EXISTING)

FORMER FUEL DISPENSERS (REMOVED)

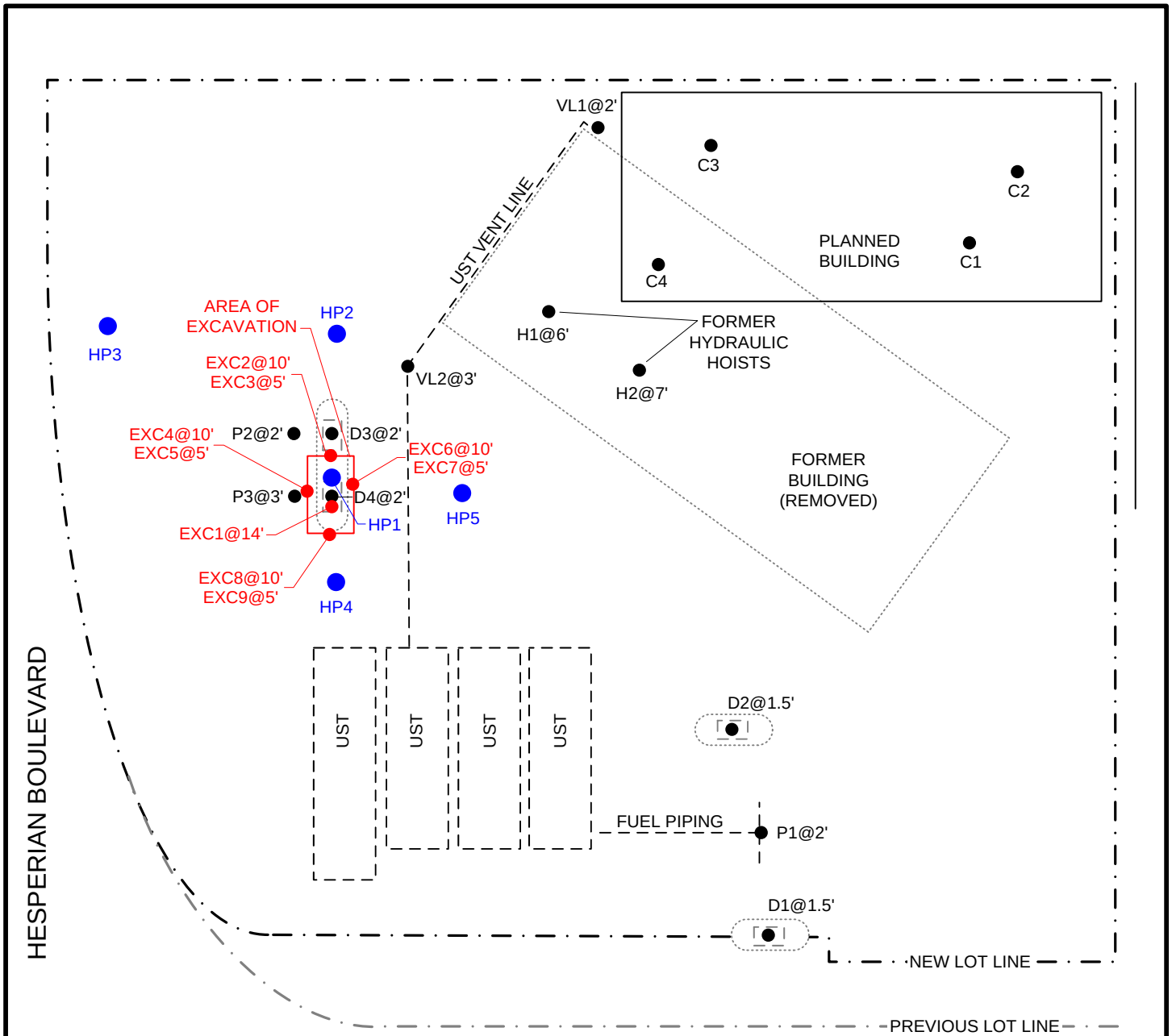
SITE WITH PREVIOUS STATION CONFIGURATION

WINTON VALERO
23990 HESPERIAN BOULEVARD
HAYWARD, CALIFORNIA

DMI-EMK Environmental Services, Inc.

FIGURE 2

DATE: 5/4/16



KEY

HP1	DIRECT-PUSH BORING LOCATION AND NUMBER
UST	UNDERGROUND STORAGE TANK (UST) LOCATIONS (EXISTING)
	FORMER FUEL DISPENSERS (REMOVED)
EXC1@14'	EXCAVATION SOIL SAMPLE LOCATION AND IDENTIFICATION WITH DEPTH IN FEET
D1@1.5'	COMPLIANCE SOIL SAMPLE LOCATION AND IDENTIFICATION WITH DEPTH IN FEET
SP1-SP4	COMPOSITE SOIL SAMPLE FROM STOCKPILE
C1-C4	COMPOSITE SOIL SAMPLE FROM LOCATION OF PLANNED BUILDING

WEST WINTON AVENUE

N

APPROX. SCALE: 1" = 20'

0ft. 12ft. 20ft. 40ft.

SITE PLAN AND SAMPLING PLAN

WINTON VALERO
23990 HESPERIAN BOULEVARD
HAYWARD, CALIFORNIA

DMI-EMK Environmental Services, Inc.

FIGURE 3

DATE: 5/4/16

APPENDIX A

ALAMEDA COUNTY ENVIRONMENTAL HEALTH WORKPLAN DIRECTIVE LETTER DATED OCTOBER 23, 2015

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
ALEX BRISCOE, Agency Director

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

October 23, 2015

OQ Enterprises Inc.
27472 Hayward Boulevard
Hayward, CA 94542
Attn.: Oscar Quiambao

Subject: Request for Work Plan; Fuel Leak Case No. RO0003188 and GeoTracker Global ID T10000007782, Winton Valero, 23990 Hesperian Boulevard, Hayward, CA 94541

Dear Mr. Quiambao:

I would like to take this opportunity to introduce myself. I am the case worker for the subject Local Oversight Program case. I have reviewed the Alameda County Environmental Health (ACEH) case file and the State Water Resources Control Board's (SWRCBs) GeoTracker website for the above-referenced site. No files have been uploaded to the ACEH ftp website or the California State Water Resources Control Board's GeoTracker website.

The San Francisco Bay Region, Regional Water Quality Control Board (SFBR-RWQCB) has provided a copy of analytical results, via email, for 10 soil samples recovered on September 4, 2015. These results document maximum petroleum hydrocarbon concentrations of 3,700 milligrams per kilogram (mg/kg) total petroleum hydrocarbons (TPH) as diesel (TPHd) and 560 mg/kg TPH as gasoline (TPHg). Additionally, several volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs) were detected.

This case has been opened as a result of a documented release from the fueling system. Please prepare a workplan to delineate the extent of contamination. The work plan should be prepared in conjunction with the SWRCB Low Threat Underground Storage Tank Case Closure Policy (LTCP) and the SWRCB Leaking Underground Fuel Tank Guidance Manual.

In order to insure that site's current property owner has been identified, please complete the attached *List Landowners* form and return to ACEH by the date specified below. The completed form may be returned as an email attachment or by land mail to the attention of Keith Nowell.

In order to initiate a case review, ACEH will need to review all documents related to investigations performed for the site in order to develop an adequate picture of the current status of the case. Please upload any and all documents pertaining to the current investigation and remedial activities, including all Phase I and Phase II Environmental Site Assessments, and tank removal/upgrade reports, for your site to the ACEH ftp and the SWRCB GeoTracker websites. Please note that the case will need to be claimed in GeoTracker prior to uploading files to the SWRCB website. Additionally, GeoTracker requires electronic submittal of information (ESI). Hence, once the site is claimed, please upload the laboratory analysis report(s) in electronic deliverable format (EDF), reports (GEO_REPORTs) and figures (GEO_MAPs) to GeoTracker.

Please claim your site and upload existing and all future submittals to GeoTracker and ACEH's ftp websites by the date specified below. Electronic reporting is described on the attachments. Additional information regarding the SWRCB's GeoTracker website may be obtained online at:

http://www.waterboards.ca.gov/water_issues/programs/ust/electronic_submittal/

and at http://www.swrcb.ca.gov/ust/electronic_submittal/report_rqmts.shtml.

Additional information and/or clarification may be obtained by contacting the GeoTracker Help Desk at geotracker@waterboards.ca.gov or (866) 480-1028.

Please provide ACEH with a list of uploaded documents by the date specified below. The document listing may be provided via email to my attention.

TECHNICAL REPORT REQUEST

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

- **November 20, 2015** – Claim Site in GeoTracker
- **November 20, 2015** – Electronic Submittal of Information
- **November 20, 2015** – List of uploaded documents (provided via email - Attn.: Keith Nowell)
- **December 18, 2015** – Work Plan for Site Characterization - (file to be named: RO0003188_WP_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.

If your email address does not appear on the cover page of this notification, ACEH is requesting you provide your email address so that we can correspond with you quickly and efficiently regarding your case.

Thank you for your cooperation. ACEH looks forward to working with you and your consultants to advance the case toward closure. Should you have any questions regarding this correspondence or your case, please call me at (510) 567-6764 or send an electronic mail message at keith.nowell@acgov.org

Sincerely,

Keith Nowell

Digitally signed by Keith Nowell
DN: cn=Keith Nowell, o=Alameda County, ou=Department of Environmental Health, email=keith.nowell@acgov.org, c=US
Date: 2015.10.23 14:15:45 -07'00'

Keith Nowell, PG, CHG
Hazardous Materials Specialist

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

Attachment 2 - *List of Landowners Form*

Cc: Eric Kirkegaard, DMI-EMK Environmental Services, Inc., 1056 East Meta Street, #101, Ventura, CA 93001 (*Sent via electronic mail to: Erick@dmi-emk.com)*

Dilan Roe, ACEH (*electronic mail to: dilan.roe@acgov.org)*
Keith Nowell, ACEH, (*Sent via electronic mail to keith.nowell@acgov.org*)
GeoTracker, file

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.

ATTACHMENT 2

List of Landowners Form

LIST OF LANDOWNERS FORM

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

CERTIFIED LIST OF RECORD FEE TITLE OWNERS FOR:

Site Name: Winton Valero

Address: 23990 Hesperian Boulevard

City, State, Zip: Hayward, CA 94541

Record ID #: RO0003188

Please fill out item 1 if there are multiple site landowners (attach an extra sheet if necessary). If you are the sole site landowner, skip item 1 and fill out item 2.

1. In accordance with Section 25297.15(a) of Chapter 6.7 of the California Health & Safety Code, I, _____ (name of primary responsible party), certify that the following is a complete list of current record fee title owners and their mailing addresses for the above site:

   Name: _____

   Address: _____

   City, State, Zip: _____

   E-mail Address: _____

   Name: _____

   Address: _____

   City, State, Zip: _____

   E-mail Address: _____

   Name: _____

   Address: _____

   City, State, Zip: _____

   E-mail Address: _____

2. In accordance with Section 25297.15(a) of Chapter 6.7 of the California Health & Safety Code, I _____, certify that I am the sole landowner for the above site.

   Sincerely,

_____	_____	_____	_____
Signature of Primary Responsible Party	Printed Name	Date	E-mail Address

APPENDIX B

ALAMEDA COUNTY ENVIRONMENTAL HEALTH WORKPLAN CONDITIONAL APPROVAL LETTER DATED DECEMBER 4, 2015

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
ALEX BRISCOE, Agency Director

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

December 4, 2015

OQ Enterprises Inc.
27472 Hayward Boulevard
Hayward, CA 94542
Attn.: Oscar Quiambao
(*Sent via electronic mail to:* oq.enterprises@yahoo.com)

Subject: Conditional Work Plan Approval; Fuel Leak Case No. RO0003188 and GeoTracker Global ID T10000007782, Winton Valero, 23990 Hesperian Boulevard, Hayward, CA 94541

Dear Mr. Quiambao:

Alameda County Environmental Health (ACEH) staff has reviewed the case file for the above-referenced site, including the *Soil and Groundwater Assessment Work Plan* (Work Plan), dated October 26, 2015, and prepared by DMI-EMK Environmental Services, Inc. (DMI-EMK). The Work Plan proposes advancing five soil bores for the recovery of soil and grab-groundwater samples. As stated in the Work Plan and depicted on Figure 2, four additional step out borings are indicated. Thank you for claiming your site in Geotracker, for the Work Plan and the initial work at the site.

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 is not required unless an alternate scope of work outside that described in the Work Plan and technical comments below is proposed. We request that you address the following technical comments, 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: keith.nowell@acgov.org) prior to the start of field activities.

TECHNICAL COMMENTS

1. **Site Status –** The Work Plan section entitled Site Description indicates the removal of the automobile repair facility has occurred and that it will be replaced by a structure which will house a convenience store. The Work Plan does not indicate if a waste oil tank was operated in association with the automobile repair facility, only that the two hydraulic hoists were removed. Please indicate language in the site description stating if a waste oil tank was associated with the facility, and if present, if the tank was an underground storage tank (UST) or an above ground tank (AST). Please additionally indicate if is it active or has it been removed (provide date).

2. **Soil Sampling Interval –** The Field Exploration section states soil samples will be collected at approximate five-foot intervals during exploration. The sampling depths may be modified based on observations of actual field conditions at the time of exploration. In order to satisfy the State Water Resources Control Board's (SWRCBs) Low Threat Underground Storage Tank Case

Closure Policy (LTCP), ACEH requires at least one soil sample be recovered and analyzed from each boring from the 0- to 5-foot and 5- to 10-foot intervals, as measured from the ground surface. Additionally, ACEH requests that soil samples be collected and analyzed at intervals of not more than five feet, signs of obvious contamination, such as odor, discoloration, photoionization detector (PID) readings, free product, the soil/groundwater interface, and at significant changes in lithology. Please ensure that the analytical results define the vertical and horizontal extent of TPH impacts in soil and groundwater at the site.

3. **Number of Soil Samples** – Based on the proposed 30-foot depth of the soil bores, ACEH requests that a minimum of four soil samples be submitted for laboratory analysis. However, the actual number of soil samples submitted per boring should be determined in the field as addressed in Technical Comment 2.

4. **Groundwater Collection Methodology** – Groundwater samples will be collected through the drill rod using clean polythene tubing and placed into 1-liter amber, and 40-milliliter glassware. If a dedicated bailer will not be used for the recovery of the grab-groundwater samples, ACEH requests the use of a low flow peristaltic pump to minimize agitation of the water sample.

5. **List of Landowners Form** – In our correspondence dated October 23, 2015, ACEH provided a List of Landowners Form but did not provided a date for returning the form. Please return the completed form by the date specified below. The form may be land mailed or provided as an email attachment to the attention of Keith Nowell. Please include the ACEH case file number in the subject line.

TECHNICAL REPORT REQUEST

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

- **December 18, 2015** – List of Landowners Form (provided via land or email - Attn.: Keith Nowell)

- **March 4, 2016** – Soil and Groundwater Investigation - (file to be named: RO0003188_SWI_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. ACEH looks forward to working with you and your consultants to advance the case toward closure. Should you have any questions regarding this correspondence or your case, please call me at (510) 567-6764 or send an electronic mail message at keith.nowell@acgov.org

Sincerely,

Keith Nowell

Digitally signed by Keith Nowell
DN: cn=Keith Nowell, o=Alameda County, ou=Department of Environmental Health, email=keith.nowell@acgov.org, c=US
Date: 2015.12.04 09:04:17 -08'00'

Keith Nowell, PG, CHG
Hazardous Materials Specialist

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

Cc: Eric Kirkegaard, DMI-EMK Environmental Services, Inc., 1056 East Meta Street, #101, Ventura, CA 93001 (*Sent via electronic mail to: Erick@dmi-emk.com*)

Dilan Roe, ACEH (*electronic mail to: dilan.roe@acgov.org*)
Keith Nowell, ACEH, (*Sent via electronic mail to keith.nowell@acgov.org*)
GeoTracker, file

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.

APPENDIX C

SAN FRANCISCO BAY REGIONAL WATER QUALITY CONTROL BOARD SITE CLOSURE SUMMARY REPORT DATED NOVEMBER 8, 2000

SITE CLOSURE SUMMARY

I. AGENCY INFORMATION

Date: November 8, 2000

Agency Name:	S.F.B.R.W.Q.C.B.	Address:	1515 Clay Street, Suite 1400
City/State/Zip:	Oakland, CA 94612	Phone:	(510) 622-2433
Responsible Staff Person:	Mr. Stephen Hill	Title:	Environmental Specialist

II. SITE INFORMATION

Site Facility Name: Former Exxon Service Station 7-0218		
Site Facility Address: 23990 Hesperian Boulevard, Hayward, California		
RB LUSTIS Case No.	Local or LOP Case No.:	Priority:
URF Filing Date:	SWEEPS No.: 01-003-	

Responsible Parties (include addresses and phone numbers)

Mr. Darin L. Rouse (925) 246-8768

ExxonMobil Refining and Supply

P.O. Box 4032

Concord, California 94524-4032

Tank No.	Size in Gallons	Contents	Closed In-Place/Removed?	Date
	750	Used-Oil	Active	
	42,000 (total)	4 UST's (gasoline and diesel)	Active	

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: Unknown cause, unknown quantity of gasoline			
Site characterization complete? Yes		Date Approved By Oversight Agency: Unknown	
Monitoring wells installed? Yes		Number: 8	Proper screened interval? Yes
Highest GW Depth Below Ground Surface: 11.80		Lowest Depth: 22.10	Flow Direction: West
Most Sensitive Current Use: Not applicable, gasoline service station.			
Most Sensitive Potential Use: Not applicable, gasoline service station.			
Are drinking water wells affected? No		Aquifer Name: East Bay Plain Aquifer System	
Is surface water affected? No		Nearest/Affected SW Name: Sulpher Creek (3,750 feet North)	
Off-Site Beneficial Use Impacts (Addresses/Locations): None			
Report(s) on file? Yes		Where is report(s) filed? City of Hayward, Fire Department	

TREATMENT AND DISPOSAL OF AFFECTED MATERIAL

Material	Amount (Include Units)	Action (Treatment or Disposal w/Destination)	Date
Tank	550-gallon used-oil	Disposed at Erickson Inc., Richmond	January 1997
Piping	Product piping		August-September 1996
Free Product	None		
Soil	31.21 Tons	Disposal, BFI Landfill, Livermore	January 1997
Groundwater	145 gallons	Treatment, Romic Environmental- East Palo Alto, CA	April 1998
Barrels			

MAXIMUM DOCUMENTED POLLUTANT CONCENTRATIONS--BEFORE AND AFTER CLEANUP

POLLUTANT	Soil (ppm)		Water (ppb)		POLLUTANT	Soil (ppm)		Water (ppb)	
	Before	After	Before	After		Before	After	Before	After
TPH (Gas)	810	<1.0	150,000	4600	Xylene	44	<0.0050	39,000	82
TPH (Diesel)	110	12	--	--	Ethylbenzene	16	<0.0050	9,200	85
Benzene	86	<0.0050	16,000	40	Oil & Grease				
Toluene	1.3	<0.0050	33,000	4.9	Heavy Metals				
MTBE			<50	96	Other				

Comments (Depth of Remediation, etc.): Site was remediated by soil vapor extraction (SVE) and groundwater extraction. Concentrations reached asymptotic levels. Therefore, remediation was discontinued.

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? Yes		
Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? Yes		
Does corrective action protect public health for current land use? Yes		
Site Management Requirements:		
Monitoring Wells Decommissioned: Yes	Number Decommissioned: 4	Number Retained: 4
List Enforcement Actions Taken: NONE		
List Enforcement Actions Rescinded:		

V. TECHNICAL REPORTS, CORRESPONDENCE ETC., THAT THIS CLOSURE RECOMMENDATION WAS BASED UPON

Title: See attached listing.	Date:

VI. ADDITIONAL COMMENTS, DATA, ETC.

PLEASE INCLUDE/ATTACH THE FOLLOWING AS APPROPRIATE:

1) SITE MAP INDICATING TANK PIT LOCATION, MONITORING WELL LOCATION, GROUNDWATER GRADIENT, ETC.; AND,

2) SITE COMMENTS WORTHY OF NOTICE (E.G., AREA OF RESIDUAL POLLUTION LEFT IN PLACE, DEED NOTICES ETC.)

See attached site map.

This document and the related CASE CLOSURE LETTER, shall be retained by the lead agency as part of the official site file.

Technical Reports
Former Exxon Service Station 7-0218
23990 Hesperian Boulevard
Hayward, California

Harding Lawson Associates, July 20, 1988, Subsurface Investigation

Harding Lawson Associates, February 23, 1989, Underground Storage Tank Unauthorized Release Form

Harding Lawson Associates, October 13, 1989, Environmental Assessment Report

Harding Lawson Associates, May 7, 1990, Groundwater Remediation Plan

International Technology Corporation, February 1991, Report of Analytical Findings: Exxon Company, U.S.A. Bay Drain Closures

Terra Vac Corporation, January 21, 1994, Letter Modification to Work Plan

Terra Vac Corporation, February 17, 1994, Drilling Report, Dual Vacuum Extraction Remediation

Harding Lawson Associates, Quarterly Summary Report, Second Quarter, 1994

Krazan & Associates, Inc., November 22, 1994, Limited Level II Environmental Site Assessment Proposed Taco Bell #06-1052

Transglobal Environmental Geochemistry, February 6, 1995, Data Report – Van Brunt Associates Project #94502, Soil Vapor Survey – W. Winton & Hesperian, Hayward, California

Van Brunt Associates, March 20, 1995, Remedial Action Workplan for the Investigation of the Source, Location, and Extent of Volatile Organic Compounds (VOC's) Found in Groundwater at Airport Plaza Shopping Center

Terra Vac Corporation, July 25, 1995, Drilling Report

Terra Vac Corporation, January 2, 1996, Non-Attainment Area Management Plan

Terra Vac Corporation, June 13, 1996, Well Abandonment

Environmental Resolutions, Inc., October 14, 1996, Product Line Replacement

Terra Vac Corporation, October 17, 1996, Well Abandonment Report

Blaine Tech Services, April 8, 1997, Groundwater Monitoring and Sampling, First Quarter, 1997

Environmental Resolutions, Inc., May 18, 1998, Quarterly Groundwater Monitoring, Second Quarter 1998

Environmental Resolutions, Inc., April 29, 1999, Annual Groundwater Monitoring, 1999

Environmental Resolutions, Inc., June 22, 1999, Request for No Further Action

Environmental Resolutions, Inc., February 11, 2000, Annual Groundwater Monitoring, 2000

APPENDIX D

ALAMEDA COUNTY PUBLIC WORKS AGENCY
BORING/WELL 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: 12/16/2015 By jamesy

Permit Numbers: W2015-1087
Permits Valid from 12/28/2015 to 12/30/2015

Application Id:	1449726646379	**City of Project Site:**	Hayward
Site Location:	23990 Hesperian Blvd-Winton Valero-Hayward, Ca		
Project Start Date:	12/28/2015	**Completion Date:**	12/30/2015
Assigned Inspector:	Contact Lindsay Furuyama at (925) 956-2311 or Lfuruyama@groundzonees.com		
Applicant:	DMI-EMK Environmental Services, Inc. - Eric Kirkegaard 1056 EAST META STREET #101, Ventura, CA 93001	**Phone:**	805-653-0633
Property Owner:	Oscar Quiambao 27472 Hesperian Blvd, Hayward, CA 94542	**Phone:**	--
Client:	** same as Property Owner **		
Contact:	Eric Kirkegaard	**Phone:** **Cell:**	805-653-0633 805-766-3286

Total Due: $265.00
Receipt Number: WR2015-0601 **Total Amount Paid:** $265.00
Payer Name : eric m kirkegaard Paid By: MC **PAID IN FULL**

Works Requesting Permits:

Borehole(s) for Geo Probes-Sampling 24 to 72 hours only - 9 Boreholes
Driller: Cascade Drilling - Lic #: 938110 - Method: DP **Work Total: $265.00**

Specifications

Permit Number	Issued Dt	Expire Dt	# Boreholes	Hole Diam	Max Depth
W2015-1087	12/16/2015	03/27/2016	9	2.00 in.	35.00 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. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all material or waters generated during drilling, boring destruction, and/or other activities associated with this Permit will be safely handled,

properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials and/or waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways or be allowed to move off the property where work is being completed.

6. 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.

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

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

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

APPENDIX E

BORING / WELL LOGS

DMI-EMK Environmental Services, Inc.	BORING # HP1
SITE: Winton Valero	DATE DRILLED: 2/2/16
LOCATION: 23990 Hesperian Boulevard, Hayward, California	BORING DIAMETER: 2.5-Inches
DRILLER: Cascade Drilling, LP	WELL DIAMETER: NA
DRILLING EQUIPMENT: GeoProbe	PERFORATION SIZE: NA
LOGGED BY: Eric Kirkegaard	SAND PACK: NA
PROJECT NUMBER: PSC1	BORING ELEVATION: NA

DEPTH (FT)	DRIVE INTERVAL	SAMPLE INTERVAL	SAMPLE ID	OVA/PID (ppm)	USCS	GRAPHIC LOG	DESCRIPTION Secondary/primary soil types; minor soil type; grain size; Munsell color; density (sand/gravel) or consistency (silt/clay); moisture; plasticity; odor; stain; other (% gravel;organics; etc.)	BORING DETAIL	COMMENTS
							GROUND SURFACE		
0									Soil 0' to 1' bgs
5.0			1	0	Fill		FILL: Sand/Cement slurry fill at dispenser island excavation.		Borehole Abandoned Using Portland Cement Slurry up to 1' bgs
10.0			2	0	Fill		Same as above.		¾" temporary well casing. Well casing removed prior to boring abandonment
15.0			3	3.4	CL		CLAY (CL); very dark gray (10YR 3/1), slightly moist, stiff, slight to moderate hydrocarbon odor and stain.		

DMI-EMK Environmental Services, Inc.

SITE: Winton Valero
23990 Hesperian Blvd, Hayward, CA

BORING # HP1

DEPTH (FT)	DRIVE INTERVAL	SAMPLE INTERVAL	SAMPLE ID	OVA/PID (ppm)	USCS	GRAPHIC LOG	DESCRIPTION Secondary/primary soil types; minor soil type; grain size; Munsell color; density (sand/gravel) or consistency (silt/clay); moisture; plasticity; odor; stain; other (% gravel;organics; etc.)	BORING DETAIL	COMMENTS
19.0									
20.0			4	27	CL		CLAY (CL); very dark gray (10YR 3/1), slightly moist, stiff, slight to moderate hydrocarbon odor and stain. Groundwater sample HP1-W1 at approximately 20 feet bgs.		Borehole Abandoned Using Portland Cement Slurry up to 1' bgs
21.0									
22.0									
23.0									
24.0									¾" temporary well casing. Well casing removed prior to boring abandonment
25.0			5	4.9	CL		CLAY (CL); very dark gray (10YR 3/1), slightly moist, stiff, slight to moderate hydrocarbon odor and stain.		
26.0									
27.0									¾" temporary well screen (0.020" slot). Well screen removed prior to boring abandonment
28.0							Color and moisture change. First groundwater at approximately 27.5 feet bgs.		
29.0									
30.0			6	1.4	CL		CLAY (CL); dark yellowish brown (10YR 3/4), wet, soft, slight hydrocarbon odor, no staining.		
31.0							End of boring at 30.5 feet below ground surface (bgs). Temporary well casing and screen removed after sampling and borehole abandoned using Portland cement slurry up to 1 foot bgs and capped with soil to match existing surface.		
32.0									
33.0									
34.0									
35.0									
36.0									
37.0									
38.0									
39.0									
40.0									
41.0									

DMI-EMK Environmental Services, Inc.	BORING # HP2
SITE: Winton Valero	DATE DRILLED: 2/2/16
LOCATION: 23990 Hesperian Boulevard, Hayward, California	BORING DIAMETER: 2.5-Inches
DRILLER: Cascade Drilling, LP	WELL DIAMETER: NA
DRILLING EQUIPMENT: GeoProbe	PERFORATION SIZE: NA
LOGGED BY: Eric Kirkegaard	SAND PACK: NA
PROJECT NUMBER: PSC1	BORING ELEVATION: NA

DEPTH (FT)	DRIVE INTERVAL	SAMPLE INTERVAL	SAMPLE ID	OVA/PID (ppm)	USCS	GRAPHIC LOG	DESCRIPTION Secondary/primary soil types; minor soil type; grain size; Munsell color; density (sand/gravel) or consistency (silt/clay); moisture; plasticity; odor; stain; other (% gravel;organics; etc.)	BORING DETAIL	COMMENTS
0							GROUND SURFACE		
5.0			1	0	CL		CLAY (CL); very dark brown (10YR 2/2), slightly moist, stiff, low plasticity, no hydrocarbon odor or stain.		Soil 0' to 1' bgs Borehole Abandoned Using Portland Cement Slurry up to 1' bgs
10.0			2	0	CL		CLAY (CL); trace fine to coarse sand, dark brown (10YR 3/3), slightly moist, stiff, no hydrocarbon odor or stain.		¾" temporary well casing. Well casing removed prior to boring abandonment
15.0			3	0	CL		CLAY (CL); very dark brown (10YR 2/1) with dark yellowish brown (10YR 4/4) mottling, slightly moist, stiff, no hydrocarbon odor or stain.		

DMI-EMK Environmental Services, Inc.

SITE: Winton Valero
23990 Hesperian Blvd, Hayward, CA

BORING # HP2

DEPTH (FT)	DRIVE INTERVAL	SAMPLE INTERVAL	SAMPLE ID	OVA/PID (ppm)	USCS	GRAPHIC LOG	DESCRIPTION	BORING DETAIL	COMMENTS
19.0									
20.0			4	0	CL		CLAY (CL); dark grayish brown (10YR 4/2), slightly moist, stiff, no hydrocarbon odor or stain. Groundwater sample HP2-W1 at approximately 20 feet bgs.		Borehole Abandoned Using Portland Cement Slurry up to 1' bgs
21.0									
22.0									
23.0									
24.0									¾" temporary well casing. Well casing removed prior to boring abandonment
25.0			5	1.8	CL		CLAY (CL); very dark grayish brown (10YR 3/2), slightly moist, stiff, slight hydrocarbon odor and stain.		
26.0									
27.0									¾" temporary well screen (0.020" slot). Well screen removed prior to boring abandonment
28.0							Color and moisture change. First groundwater at approximately 27.5 feet bgs.		
29.0									
30.0			6	0.2	CL		CLAY (CL); dark yellowish brown (10YR 3/4), wet, soft, slight hydrocarbon odor, no staining.		
31.0							End of boring at 30.5 feet below ground surface (bgs). Temporary well casing and screen removed after sampling and borehole abandoned using Portland cement slurry up to 1 foot bgs and capped with soil to match existing surface.		
32.0									
33.0									
34.0									
35.0									
36.0									
37.0									
38.0									
39.0									
40.0									
41.0									

DMI-EMK Environmental Services, Inc.	BORING # HP3
SITE: Winton Valero	DATE DRILLED: 2/2/16
LOCATION: 23990 Hesperian Boulevard, Hayward, California	BORING DIAMETER: 2.5-Inches
DRILLER: Cascade Drilling, LP	WELL DIAMETER: NA
DRILLING EQUIPMENT: GeoProbe	PERFORATION SIZE: NA
LOGGED BY: Eric Kirkegaard	SAND PACK: NA
PROJECT NUMBER: PSC1	BORING ELEVATION: NA

DEPTH (FT)	DRIVE INTERVAL	SAMPLE INTERVAL	SAMPLE ID	OVA/PID (ppm)	USCS	GRAPHIC LOG	DESCRIPTION Secondary/primary soil types; minor soil type; grain size; Munsell color; density (sand/gravel) or consistency (silt/clay); moisture; plasticity; odor; stain; other (% gravel;organics; etc.)	BORING DETAIL	COMMENTS
0	HAND-AUGER TO 4-FEET						GROUND SURFACE		Soil 0' to 1' bgs
5.0		■	1	0	CL		CLAY (CL); very dark brown (10YR 2/2), slightly moist, stiff, low plasticity, no hydrocarbon odor or stain.		Borehole Abandoned Using Portland Cement Slurry up to 1' bgs
9.0									¾" temporary well casing. Well casing removed prior to boring abandonment
10.0		■	2	0	CL		CLAY (CL); trace fine to coarse sand, dark brown (10YR 3/3), slightly moist, stiff, no hydrocarbon odor or stain.		
11.0									
15.0		■	3	0	CL		CLAY (CL); very dark brown (10YR 2/1) with dark yellowish brown (10YR 4/4) mottling, slightly moist, stiff, no hydrocarbon odor or stain.		

DMI-EMK Environmental Services, Inc.

SITE: Winton Valero
23990 Hesperian Blvd, Hayward, CA

BORING # HP3

DEPTH (FT)	DRIVE INTERVAL	SAMPLE INTERVAL	SAMPLE ID	OVA/PID (ppm)	USCS	GRAPHIC LOG	DESCRIPTION	BORING DETAIL	COMMENTS
19.0									
20.0			4	0	CL		CLAY (CL); dark grayish brown (10YR 4/2), slightly moist, stiff, no hydrocarbon odor or stain.		Borehole Abandoned Using Portland Cement Slurry up to 1' bgs
21.0							Groundwater sample HP3-W1 at approximately 20 feet bgs.		
22.0									
23.0									
24.0									¾" temporary well casing. Well casing removed prior to boring abandonment
25.0			5	0.6	CL		CLAY (CL); very dark grayish brown (10YR 3/2), slightly moist, stiff, slight hydrocarbon odor, no stain.		
26.0									
27.0									¾" temporary well screen (0.020" slot). Well screen removed prior to boring abandonment
28.0							Color and moisture change First groundwater at approximately 27.5 feet bgs.		
29.0									
30.0			6	0	CL		CLAY (CL); dark yellowish brown (10YR 3/4), wet, soft, no hydrocarbon odor or stain.		
31.0							End of boring at 30.5 feet below ground surface (bgs). Temporary well casing and screen removed after sampling and borehole abandoned using Portland cement slurry up to 1 foot bgs and capped with soil to match existing surface.		
32.0									
33.0									
34.0									
35.0									
36.0									
37.0									
38.0									
39.0									
40.0									
41.0									

DMI-EMK Environmental Services, Inc.	BORING # HP4
SITE: Winton Valero	DATE DRILLED: 2/2/16
LOCATION: 23990 Hesperian Boulevard, Hayward, California	BORING DIAMETER: 2.5-Inches
DRILLER: Cascade Drilling, LP	WELL DIAMETER: NA
DRILLING EQUIPMENT: GeoProbe	PERFORATION SIZE: NA
LOGGED BY: Eric Kirkegaard	SAND PACK: NA
PROJECT NUMBER: PSC1	BORING ELEVATION: NA

DEPTH (FT)	SAMPLE ID	OVA/PID (ppm)	USCS	DESCRIPTION (Secondary/primary soil types; minor soil type; grain size; Munsell color; density (sand/gravel) or consistency (silt/clay); moisture; plasticity; odor; stain; other (% gravel;organics; etc.))	COMMENTS
0				GROUND SURFACE	Soil 0' to 1' bgs
5.0	1	0	CL	CLAY (CL); very dark brown (10YR 2/2), slightly moist, stiff, low plasticity, no hydrocarbon odor or stain.	Borehole Abandoned Using Portland Cement Slurry up to 1' bgs
9.0					¾" temporary well casing. Well casing removed prior to boring abandonment
10.0	2	0	CL	CLAY (CL); trace fine to coarse sand, dark brown (10YR 3/3), slightly moist, stiff, no hydrocarbon odor or stain.	
11.0					
15.0	3	0	CL	CLAY (CL); very dark gray (10YR 3/1), slightly moist, stiff, slight to moderate hydrocarbon odor and stain.	

DMI-EMK Environmental Services, Inc.

SITE: Winton Valero
23990 Hesperian Blvd, Hayward, CA

BORING # HP4

DEPTH (FT)	DRIVE INTERVAL	SAMPLE INTERVAL	SAMPLE ID	OVA/PID (ppm)	USCS	GRAPHIC LOG	DESCRIPTION	BORING DETAIL	COMMENTS
19.0									Borehole Abandoned Using Portland Cement Slurry up to 1' bgs
20.0		■	4	0	CL		CLAY (CL); very dark gray (10YR 3/1), slightly moist, stiff, slight to moderate hydrocarbon odor and stain. Groundwater sample HP4-W1 at approximately 20 feet bgs.		
21.0									
22.0									
23.0									
24.0									¾" temporary well casing. Well casing removed prior to boring abandonment
25.0		■	5	1.8	CL		CLAY (CL); very dark gray (10YR 3/1), slightly moist, stiff, slight to moderate hydrocarbon odor and stain.		
26.0									
27.0									¾" temporary well screen (0.020" slot). Well screen removed prior to boring abandonment
28.0							Color and moisture change. First groundwater at approximately 27.5 feet bgs.		
29.0									
30.0		■	6	0.2	CL		CLAY (CL); dark yellowish brown (10YR 3/4), wet, soft, slight hydrocarbon odor, no stain.		
31.0							End of boring at 30.5 feet below ground surface (bgs). Temporary well casing and screen removed after sampling and borehole abandoned using Portland cement slurry up to 1 foot bgs and capped with soil to match existing surface.		
32.0									
33.0									
34.0									
35.0									
36.0									
37.0									
38.0									
39.0									
40.0									
41.0									

DMI-EMK Environmental Services, Inc.	BORING # HP5
SITE: Winton Valero	DATE DRILLED: 2/2/16
LOCATION: 23990 Hesperian Boulevard, Hayward, California	BORING DIAMETER: 2.5-Inches
DRILLER: Cascade Drilling, LP	WELL DIAMETER: NA
DRILLING EQUIPMENT: GeoProbe	PERFORATION SIZE: NA
LOGGED BY: Eric Kirkegaard	SAND PACK: NA
PROJECT NUMBER: PSC1	BORING ELEVATION: NA

DEPTH (FT)	DRIVE INTERVAL	SAMPLE INTERVAL	SAMPLE ID	OVA/PID (ppm)	USCS	GRAPHIC LOG	DESCRIPTION Secondary/primary soil types; minor soil type; grain size; Munsell color; density (sand/gravel) or consistency (silt/clay); moisture; plasticity; odor; stain; other (% gravel;organics; etc.)	BORING DETAIL	COMMENTS
							GROUND SURFACE		
0									Soil 0' to 1' bgs
1.0									
2.0									
3.0									
4.0									
5.0			1	0	SC		Clayey SAND (SC); very dark brown (10YR 2/2), fine sand, slightly moist, stiff, low plasticity, no hydrocarbon odor or stain.		Borehole Abandoned Using Portland Cement Slurry up to 1' bgs
6.0									
7.0									
8.0									
9.0									¾" temporary well casing. Well casing removed prior to boring abandonment
10.0			2	0	CL		CLAY (CL); trace fine to coarse sand, dark brown (10YR 3/3), slightly moist, stiff, no hydrocarbon odor or stain.		
11.0									
12.0									
13.0									
14.0									
15.0			3	0	CL		CLAY (CL); very dark brown (10YR 2/1), slightly moist, stiff, no hydrocarbon odor or stain.		
16.0									
17.0									
18.0									

DMI-EMK Environmental Services, Inc.

SITE: Winton Valero
23990 Hesperian Blvd, Hayward, CA

BORING # HP5

DEPTH (FT)	DRIVE INTERVAL	SAMPLE INTERVAL	SAMPLE ID	OVA/PID (ppm)	USCS	GRAPHIC LOG	DESCRIPTION	BORING DETAIL	COMMENTS
19.0									Borehole Abandoned Using Portland Cement Slurry up to 1' bgs
20.0		■	4	0.6	CL		CLAY (CL); very dark gray (10YR 3/1), slightly moist, stiff, slight hydrocarbon odor and stain. Groundwater sample HP5-W1 at approximately 20 feet bgs.		
21.0									
22.0									
23.0									
24.0									¾" temporary well casing. Well casing removed prior to boring abandonment
25.0		■	5	1.3	CL		CLAY (CL); very dark gray (10YR 3/1), slightly moist, stiff, slight to moderate hydrocarbon odor and stain.		
26.0									
27.0									¾" temporary well screen (0.020" slot). Well screen removed prior to boring abandonment
28.0							Color and moisture change. First groundwater at approximately 27.5 feet bgs.		
29.0									
30.0		■	6	0.9	CL		CLAY (CL); dark yellowish brown (10YR 3/4), wet, soft, slight hydrocarbon odor, no stain.		
31.0							End of boring at 30.5 feet below ground surface (bgs). Temporary well casing and screen removed after sampling and borehole abandoned using Portland cement slurry up to 1 foot bgs and capped with soil to match existing surface.		
32.0									
33.0									
34.0									
35.0									
36.0									
37.0									
38.0									
39.0									
40.0									
41.0									

APPENDIX F

LABORATORY ANALYTICAL RESULTS AND CHAIN OF CUSTODY DOCUMENTATION FOR SOIL AND GROUNDWATER SAMPLES COLLECTED FEBRUARY 2, 2016

Oilfield Environmental and Compliance, INC.

Eric Kirkegaard
DMI-EMK Environmental Services Inc. Ventura
1056 Meta Street, Suite 101
Ventura, CA 93001

17 February 2016

RE: PSC1 Work Order: 1600510

Dear Client:

Enclosed is an analytical report for the above referenced project. The samples included in this report were received on 03-Feb-16 12:30 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Assurance Manual, applicable standard operating procedures, and other related documentation. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Marissa Censullo

Marissa L. Censullo

Project Manager

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
HP1-1@5'	1600510-01	Solid	02-Feb-16 09:33	03-Feb-16 12:30
HP1-2@10'	1600510-02	Solid	02-Feb-16 09:40	03-Feb-16 12:30
HP1-3@15'	1600510-03	Solid	02-Feb-16 09:44	03-Feb-16 12:30
HP1-4@20'	1600510-04	Solid	02-Feb-16 09:48	03-Feb-16 12:30
HP1-5@25'	1600510-05	Solid	02-Feb-16 09:53	03-Feb-16 12:30
HP1-6@30'	1600510-06	Solid	02-Feb-16 09:58	03-Feb-16 12:30
HP2-1@5'	1600510-07	Solid	02-Feb-16 10:39	03-Feb-16 12:30
HP2-2@10'	1600510-08	Solid	02-Feb-16 10:45	03-Feb-16 12:30
HP2-3@15'	1600510-09	Solid	02-Feb-16 10:50	03-Feb-16 12:30
HP2-4@20'	1600510-10	Solid	02-Feb-16 10:54	03-Feb-16 12:30
HP2-5@25'	1600510-11	Solid	02-Feb-16 11:03	03-Feb-16 12:30
HP2-6@30'	1600510-12	Solid	02-Feb-16 11:09	03-Feb-16 12:30
HP3-1@5'	1600510-13	Solid	02-Feb-16 11:45	03-Feb-16 12:30
HP3-2@10'	1600510-14	Solid	02-Feb-16 11:48	03-Feb-16 12:30
HP3-3@15'	1600510-15	Solid	02-Feb-16 11:51	03-Feb-16 12:30
HP3-4@20'	1600510-16	Solid	02-Feb-16 11:59	03-Feb-16 12:30
HP3-5@25'	1600510-17	Solid	02-Feb-16 12:04	03-Feb-16 12:30
HP3-6@30'	1600510-18	Solid	02-Feb-16 12:08	03-Feb-16 12:30
HP4-1@5'	1600510-19	Solid	02-Feb-16 08:30	03-Feb-16 12:30
HP4-2@10'	1600510-20	Solid	02-Feb-16 08:37	03-Feb-16 12:30
HP4-3@15'	1600510-21	Solid	02-Feb-16 08:43	03-Feb-16 12:30
HP4-4@20'	1600510-22	Solid	02-Feb-16 08:48	03-Feb-16 12:30
HP4-5@25'	1600510-23	Solid	02-Feb-16 08:56	03-Feb-16 12:30
HP4-6@30'	1600510-24	Solid	02-Feb-16 09:05	03-Feb-16 12:30
HP5-1@5'	1600510-25	Solid	02-Feb-16 13:54	03-Feb-16 12:30
HP5-2@10'	1600510-26	Solid	02-Feb-16 14:00	03-Feb-16 12:30

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
HP5-3@15'	1600510-27	Solid	02-Feb-16 14:06	03-Feb-16 12:30
HP5-4@20'	1600510-28	Solid	02-Feb-16 14:13	03-Feb-16 12:30
HP5-5@25'	1600510-29	Solid	02-Feb-16 14:18	03-Feb-16 12:30
HP5-6@30'	1600510-30	Solid	02-Feb-16 14:25	03-Feb-16 12:30
HP1-W1	1600510-31	Ground Water	02-Feb-16 13:25	03-Feb-16 12:30
HP2-W1	1600510-32	Ground Water	02-Feb-16 14:45	03-Feb-16 12:30
HP3-W1	1600510-33	Ground Water	02-Feb-16 15:05	03-Feb-16 12:30
HP4-W1	1600510-34	Ground Water	02-Feb-16 15:30	03-Feb-16 12:30
HP5-W1	1600510-35	Ground Water	02-Feb-16 15:20	03-Feb-16 12:30

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP1-1@5'

1600510-01 (Solid)

Oilfield Environmental and Compliance

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TVPH by GC FID										
TPH Gasoline (C4-C12)	ND	0.089	0.45	mg/kg	1	B6B0213	08-Feb-16	08-Feb-16	EPA 8015M	
Surrogate: 4-Bromofluorobenzene			*99.3 %*	*45-158*		"	"	"	"	
TEPH by GC FID										
TPH Diesel (C13-C22)	**8.3**	7.6	10	mg/kg	1	B6B0115	04-Feb-16	04-Feb-16	EPA 8015M	J
TPH Motor Oil (C23-C40)	ND	40	50	"	"	"	"	"	"	
Surrogate: o-Terphenyl			*92.3 %*	*67-129*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
Benzene	ND	0.0018	0.0044	mg/kg	1	B6B0164	05-Feb-16	05-Feb-16	EPA 8260B	
Bromobenzene	ND	0.0018	0.0044	"	"	"	"	"	"	
Bromochloromethane	ND	0.0018	0.0044	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0018	0.0044	"	"	"	"	"	"	
Bromoform	ND	0.0018	0.0044	"	"	"	"	"	"	
Bromomethane	ND	0.0018	0.0044	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0018	0.0044	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0018	0.0044	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0018	0.0044	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0018	0.0044	"	"	"	"	"	"	
Chlorobenzene	ND	0.0018	0.0044	"	"	"	"	"	"	
Chloroethane	ND	0.0018	0.0044	"	"	"	"	"	"	
Chloroform	ND	0.0018	0.0044	"	"	"	"	"	"	
Chloromethane	ND	0.0018	0.0044	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0018	0.0044	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0018	0.0044	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0018	0.0044	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0018	0.0044	"	"	"	"	"	"	
Dibromomethane	ND	0.0018	0.0044	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0018	0.0044	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0018	0.0044	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0018	0.0044	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0018	0.0044	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0018	0.0044	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP1-1@5'

1600510-01 (Solid)

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,2-Dichloroethane	ND	0.0018	0.0044	mg/kg	1	B6B0164	05-Feb-16	05-Feb-16	EPA 8260B	
1,1-Dichloroethene	ND	0.0018	0.0044	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.0018	0.0044	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.0018	0.0044	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0018	0.0044	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0018	0.0044	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0018	0.0044	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0018	0.0044	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0018	0.0044	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0018	0.0044	"	"	"	"	"	"	
Ethylbenzene	ND	0.0018	0.0044	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0018	0.0044	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0018	0.0044	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0018	0.0044	"	"	"	"	"	"	
4-Isopropyl Toluene	ND	0.0018	0.0044	"	"	"	"	"	"	
Methylene chloride	ND	0.0018	0.0044	"	"	"	"	"	"	
Naphthalene	ND	0.0018	0.0044	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0018	0.0044	"	"	"	"	"	"	
Styrene	ND	0.0018	0.0044	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0018	0.0044	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0018	0.0044	"	"	"	"	"	"	
Tetrachloroethene (PCE)	ND	0.0018	0.0044	"	"	"	"	"	"	
Toluene	ND	0.0018	0.0044	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0018	0.0044	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0018	0.0044	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0018	0.0044	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0018	0.0044	"	"	"	"	"	"	
Trichloroethene (TCE)	ND	0.0018	0.0044	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0018	0.0044	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0018	0.0044	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0018	0.0044	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0018	0.0044	"	"	"	"	"	"	
Vinyl chloride	ND	0.0018	0.0044	"	"	"	"	"	"	
Xylenes (total)	ND	0.0018	0.0044	"	"	"	"	"	"	
t-Amyl Methyl Ether	ND	0.0018	0.0044	"	"	"	"	"	"	
t-Butyl alcohol	ND	0.0088	0.022	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP1-1@5'

1600510-01 (Solid)

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Oilfield Environmental and Compliance										
Volatile Organic Compounds by EPA Method 8260B										
Diisopropyl Ether	ND	0.0018	0.0044	mg/kg	1	B6B0164	05-Feb-16	05-Feb-16	EPA 8260B	
Ethanol	ND	1.8	4.4	"	"	"	"	"	"	
Ethyl t-Butyl Ether	ND	0.0018	0.0044	"	"	"	"	"	"	
Methyl-t-butyl ether	ND	0.0018	0.0044	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane			*105 %*	*87-125*		"	"	"	"	
Surrogate: Toluene-d8			*100 %*	*75-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*98.0 %*	*65-127*		"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP1-2@10'

1600510-02 (Solid)

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Oilfield Environmental and Compliance										
TVPH by GC FID										
TPH Gasoline (C4-C12)	ND	0.087	0.44	mg/kg	1	B6B0213	08-Feb-16	08-Feb-16	EPA 8015M	
Surrogate: 4-Bromofluorobenzene			*100 %*	*45-158*		"	"	"	"	
TEPH by GC FID										
TPH Diesel (C13-C22)	ND	7.6	10	mg/kg	1	B6B0115	04-Feb-16	04-Feb-16	EPA 8015M	
TPH Motor Oil (C23-C40)	ND	40	50	"	"	"	"	"	"	
Surrogate: o-Terphenyl			*90.2 %*	*67-129*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
Benzene	ND	0.0017	0.0042	mg/kg	1	B6B0164	05-Feb-16	05-Feb-16	EPA 8260B	
Bromobenzene	ND	0.0017	0.0042	"	"	"	"	"	"	
Bromochloromethane	ND	0.0017	0.0042	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0017	0.0042	"	"	"	"	"	"	
Bromoform	ND	0.0017	0.0042	"	"	"	"	"	"	
Bromomethane	ND	0.0017	0.0042	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0017	0.0042	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0017	0.0042	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0017	0.0042	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0017	0.0042	"	"	"	"	"	"	
Chlorobenzene	ND	0.0017	0.0042	"	"	"	"	"	"	
Chloroethane	ND	0.0017	0.0042	"	"	"	"	"	"	
Chloroform	ND	0.0017	0.0042	"	"	"	"	"	"	
Chloromethane	ND	0.0017	0.0042	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0017	0.0042	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0017	0.0042	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0017	0.0042	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0017	0.0042	"	"	"	"	"	"	
Dibromomethane	ND	0.0017	0.0042	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0017	0.0042	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0017	0.0042	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0017	0.0042	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0017	0.0042	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0017	0.0042	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0017	0.0042	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0017	0.0042	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.0017	0.0042	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP1-2@10'

1600510-02 (Solid)

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
trans-1,2-Dichloroethene	ND	0.0017	0.0042	mg/kg	1	B6B0164	05-Feb-16	05-Feb-16	EPA 8260B	
1,2-Dichloropropane	ND	0.0017	0.0042	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0017	0.0042	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0017	0.0042	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0017	0.0042	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0017	0.0042	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0017	0.0042	"	"	"	"	"	"	
Ethylbenzene	ND	0.0017	0.0042	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0017	0.0042	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0017	0.0042	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0017	0.0042	"	"	"	"	"	"	
4-Isopropyl Toluene	ND	0.0017	0.0042	"	"	"	"	"	"	
Methylene chloride	ND	0.0017	0.0042	"	"	"	"	"	"	
Naphthalene	ND	0.0017	0.0042	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0017	0.0042	"	"	"	"	"	"	
Styrene	ND	0.0017	0.0042	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0017	0.0042	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0017	0.0042	"	"	"	"	"	"	
Tetrachloroethene (PCE)	ND	0.0017	0.0042	"	"	"	"	"	"	
Toluene	ND	0.0017	0.0042	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0017	0.0042	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0017	0.0042	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0017	0.0042	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0017	0.0042	"	"	"	"	"	"	
Trichloroethene (TCE)	ND	0.0017	0.0042	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0017	0.0042	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0017	0.0042	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0017	0.0042	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0017	0.0042	"	"	"	"	"	"	
Vinyl chloride	ND	0.0017	0.0042	"	"	"	"	"	"	
Xylenes (total)	ND	0.0017	0.0042	"	"	"	"	"	"	
t-Amyl Methyl Ether	ND	0.0017	0.0042	"	"	"	"	"	"	
t-Butyl alcohol	ND	0.0084	0.021	"	"	"	"	"	"	
Diisopropyl Ether	ND	0.0017	0.0042	"	"	"	"	"	"	
Ethanol	ND	1.7	4.2	"	"	"	"	"	"	
Ethyl t-Butyl Ether	ND	0.0017	0.0042	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP1-2@10'

1600510-02 (Solid)

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Methyl-t-butyl ether	ND	0.0017	0.0042	mg/kg	1	B6B0164	05-Feb-16	05-Feb-16	EPA 8260B	
Surrogate: Dibromofluoromethane			*103 %*	*87-125*		"	"	"	"	
Surrogate: Toluene-d8			*99.3 %*	*75-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*95.0 %*	*65-127*		"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP1-3@15'

1600510-03 (Solid)

Oilfield Environmental and Compliance

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TVPH by GC FID										
TPH Gasoline (C4-C12)	**39**	15	30	mg/kg	200	B6B0426	15-Feb-16	16-Feb-16	EPA 8015M	D-04
Surrogate: 4-Bromofluorobenzene			*104 %*	*45-158*		"	"	"	"	
TEPH by GC FID										
TPH Diesel (C13-C22)	**25**	7.6	10	mg/kg	1	B6B0115	04-Feb-16	04-Feb-16	EPA 8015M	
TPH Motor Oil (C23-C40)	ND	40	50	"	"	"	"	"	"	
Surrogate: o-Terphenyl			*91.4 %*	*67-129*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										**R-06**
Benzene	ND	0.072	0.18	mg/kg	200	B6B0230	09-Feb-16	10-Feb-16	EPA 8260B	
Bromobenzene	ND	0.072	0.18	"	"	"	"	"	"	
Bromochloromethane	ND	0.072	0.18	"	"	"	"	"	"	
Bromodichloromethane	ND	0.072	0.18	"	"	"	"	"	"	
Bromoform	ND	0.072	0.18	"	"	"	"	"	"	
Bromomethane	ND	0.072	0.18	"	"	"	"	"	"	
n-Butylbenzene	**0.59**	0.072	0.18	"	"	"	"	"	"	
sec-Butylbenzene	**0.37**	0.072	0.18	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.072	0.18	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.072	0.18	"	"	"	"	"	"	
Chlorobenzene	ND	0.072	0.18	"	"	"	"	"	"	
Chloroethane	ND	0.072	0.18	"	"	"	"	"	"	
Chloroform	ND	0.072	0.18	"	"	"	"	"	"	
Chloromethane	ND	0.072	0.18	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.072	0.18	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.072	0.18	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.072	0.18	"	"	"	"	"	"	
Dibromochloromethane	ND	0.072	0.18	"	"	"	"	"	"	
Dibromomethane	ND	0.072	0.18	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.072	0.18	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.072	0.18	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.072	0.18	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.072	0.18	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.072	0.18	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.072	0.18	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.072	0.18	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.072	0.18	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP1-3@15'

1600510-03 (Solid)

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B **R-06**

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
trans-1,2-Dichloroethene	ND	0.072	0.18	mg/kg	200	B6B0230	09-Feb-16	10-Feb-16	EPA 8260B	
1,2-Dichloropropane	ND	0.072	0.18	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.072	0.18	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.072	0.18	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.072	0.18	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.072	0.18	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.072	0.18	"	"	"	"	"	"	
Ethylbenzene	ND	0.072	0.18	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.072	0.18	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.072	0.18	"	"	"	"	"	"	
Isopropylbenzene	ND	0.072	0.18	"	"	"	"	"	"	
4-Isopropyl Toluene	ND	0.072	0.18	"	"	"	"	"	"	
Methylene chloride	ND	0.072	0.18	"	"	"	"	"	"	
Naphthalene	ND	0.072	0.18	"	"	"	"	"	"	
n-Propylbenzene	**0.19**	0.072	0.18	"	"	"	"	"	"	
Styrene	ND	0.072	0.18	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.072	0.18	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.072	0.18	"	"	"	"	"	"	
Tetrachloroethene (PCE)	ND	0.072	0.18	"	"	"	"	"	"	
Toluene	ND	0.072	0.18	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.072	0.18	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.072	0.18	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.072	0.18	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.072	0.18	"	"	"	"	"	"	
Trichloroethene (TCE)	ND	0.072	0.18	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.072	0.18	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.072	0.18	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.072	0.18	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.072	0.18	"	"	"	"	"	"	
Vinyl chloride	ND	0.072	0.18	"	"	"	"	"	"	
Xylenes (total)	ND	0.072	0.18	"	"	"	"	"	"	
t-Amyl Methyl Ether	ND	0.072	0.18	"	"	"	"	"	"	
t-Butyl alcohol	**1.5**	0.36	0.90	"	"	"	"	"	"	
Diisopropyl Ether	ND	0.072	0.18	"	"	"	"	"	"	
Ethanol	ND	72	180	"	"	"	"	"	"	
Ethyl t-Butyl Ether	ND	0.072	0.18	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP1-3@15'

1600510-03 (Solid)

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B **R-06**

Methyl-t-butyl ether	ND	0.072	0.18	mg/kg	200	B6B0230	09-Feb-16	10-Feb-16	EPA 8260B	
Surrogate: Dibromofluoromethane			*101 %*	*87-125*		"	"	"	"	
Surrogate: Toluene-d8			*99.8 %*	*75-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*100 %*	*65-127*		"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP1-4@20'

1600510-04 (Solid)

Oilfield Environmental and Compliance

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TVPH by GC FID										
TPH Gasoline (C4-C12)	**340**	16	80	mg/kg	200	B6B0426	15-Feb-16	16-Feb-16	EPA 8015M	D-04
Surrogate: 4-Bromofluorobenzene			*189 %*	*45-158*		"	"	"	"	*S-02*
TEPH by GC FID										
TPH Diesel (C13-C22)	**52**	7.6	10	mg/kg	1	B6B0115	04-Feb-16	04-Feb-16	EPA 8015M	
TPH Motor Oil (C23-C40)	ND	40	50	"	"	"	"	"	"	
Surrogate: o-Terphenyl			*91.3 %*	*67-129*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										**R-06**
Benzene	ND	0.39	0.99	mg/kg	1000	B6B0230	08-Feb-16	09-Feb-16	EPA 8260B	
Bromobenzene	ND	0.39	0.99	"	"	"	"	"	"	
Bromochloromethane	ND	0.39	0.99	"	"	"	"	"	"	
Bromodichloromethane	ND	0.39	0.99	"	"	"	"	"	"	
Bromoform	ND	0.39	0.99	"	"	"	"	"	"	
Bromomethane	ND	0.39	0.99	"	"	"	"	"	"	
n-Butylbenzene	**16**	0.39	0.99	"	"	"	"	"	"	
sec-Butylbenzene	**5.2**	0.39	0.99	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.39	0.99	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.39	0.99	"	"	"	"	"	"	
Chlorobenzene	ND	0.39	0.99	"	"	"	"	"	"	
Chloroethane	ND	0.39	0.99	"	"	"	"	"	"	
Chloroform	ND	0.39	0.99	"	"	"	"	"	"	
Chloromethane	ND	0.39	0.99	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.39	0.99	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.39	0.99	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.39	0.99	"	"	"	"	"	"	
Dibromochloromethane	ND	0.39	0.99	"	"	"	"	"	"	
Dibromomethane	ND	0.39	0.99	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.39	0.99	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.39	0.99	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.39	0.99	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.39	0.99	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.39	0.99	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.39	0.99	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.39	0.99	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.39	0.99	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP1-4@20'

1600510-04 (Solid)

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B **R-06**

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
trans-1,2-Dichloroethene	ND	0.39	0.99	mg/kg	1000	B6B0230	08-Feb-16	09-Feb-16	EPA 8260B	
1,2-Dichloropropane	ND	0.39	0.99	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.39	0.99	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.39	0.99	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.39	0.99	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.39	0.99	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.39	0.99	"	"	"	"	"	"	
Ethylbenzene	**0.47**	0.39	0.99	"	"	"	"	"	"	J
1,2-Dibromoethane (EDB)	ND	0.39	0.99	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.39	0.99	"	"	"	"	"	"	
Isopropylbenzene	**5.3**	0.39	0.99	"	"	"	"	"	"	
4-Isopropyl Toluene	ND	0.39	0.99	"	"	"	"	"	"	
Methylene chloride	ND	0.39	0.99	"	"	"	"	"	"	
Naphthalene	ND	0.39	0.99	"	"	"	"	"	"	
n-Propylbenzene	**20**	0.39	0.99	"	"	"	"	"	"	
Styrene	ND	0.39	0.99	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.39	0.99	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.39	0.99	"	"	"	"	"	"	
Tetrachloroethene (PCE)	ND	0.39	0.99	"	"	"	"	"	"	
Toluene	ND	0.39	0.99	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.39	0.99	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.39	0.99	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.39	0.99	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.39	0.99	"	"	"	"	"	"	
Trichloroethene (TCE)	ND	0.39	0.99	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.39	0.99	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.39	0.99	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.39	0.99	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.39	0.99	"	"	"	"	"	"	
Vinyl chloride	ND	0.39	0.99	"	"	"	"	"	"	
Xylenes (total)	ND	0.39	0.99	"	"	"	"	"	"	
t-Amyl Methyl Ether	ND	0.39	0.99	"	"	"	"	"	"	
t-Butyl alcohol	ND	2.0	4.9	"	"	"	"	"	"	
Diisopropyl Ether	ND	0.39	0.99	"	"	"	"	"	"	
Ethanol	ND	390	990	"	"	"	"	"	"	
Ethyl t-Butyl Ether	ND	0.39	0.99	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP1-4@20'

1600510-04 (Solid)

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B **R-06**

Methyl-t-butyl ether	ND	0.39	0.99	mg/kg	1000	B6B0230	08-Feb-16	09-Feb-16	EPA 8260B	
Surrogate: Dibromofluoromethane			*99.6 %*	*87-125*		"	"	"	"	
Surrogate: Toluene-d8			*99.4 %*	*75-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*98.5 %*	*65-127*		"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP1-5@25'

1600510-05 (Solid)

Oilfield Environmental and Compliance

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TVPH by GC FID										
TPH Gasoline (C4-C12)	**53**	18	36	mg/kg	200	B6B0277	09-Feb-16	10-Feb-16	EPA 8015M	
Surrogate: 4-Bromofluorobenzene			*108 %*	*45-158*		"	"	"	"	
TEPH by GC FID										
TPH Diesel (C13-C22)	ND	7.6	10	mg/kg	1	B6B0115	04-Feb-16	04-Feb-16	EPA 8015M	
TPH Motor Oil (C23-C40)	ND	40	50	"	"	"	"	"	"	
Surrogate: o-Terphenyl			*92.1 %*	*67-129*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
Benzene	ND	0.0015	0.0039	mg/kg	1	B6B0164	05-Feb-16	05-Feb-16	EPA 8260B	
Bromobenzene	ND	0.0015	0.0039	"	"	"	"	"	"	
Bromochloromethane	ND	0.0015	0.0039	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0015	0.0039	"	"	"	"	"	"	
Bromoform	ND	0.0015	0.0039	"	"	"	"	"	"	
Bromomethane	ND	0.0015	0.0039	"	"	"	"	"	"	
n-Butylbenzene	**0.0062**	0.0015	0.0039	"	"	"	"	"	"	
sec-Butylbenzene	**0.0038**	0.0015	0.0039	"	"	"	"	"	"	J
tert-Butylbenzene	ND	0.0015	0.0039	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0015	0.0039	"	"	"	"	"	"	
Chlorobenzene	ND	0.0015	0.0039	"	"	"	"	"	"	
Chloroethane	ND	0.0015	0.0039	"	"	"	"	"	"	
Chloroform	ND	0.0015	0.0039	"	"	"	"	"	"	
Chloromethane	ND	0.0015	0.0039	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0015	0.0039	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0015	0.0039	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0015	0.0039	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0015	0.0039	"	"	"	"	"	"	
Dibromomethane	ND	0.0015	0.0039	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0015	0.0039	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0015	0.0039	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0015	0.0039	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0015	0.0039	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0015	0.0039	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0015	0.0039	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0015	0.0039	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.0015	0.0039	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP1-5@25'

1600510-05 (Solid)

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
trans-1,2-Dichloroethene	ND	0.0015	0.0039	mg/kg	1	B6B0164	05-Feb-16	05-Feb-16	EPA 8260B	
1,2-Dichloropropane	ND	0.0015	0.0039	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0015	0.0039	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0015	0.0039	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0015	0.0039	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0015	0.0039	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0015	0.0039	"	"	"	"	"	"	
Ethylbenzene	ND	0.0015	0.0039	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0015	0.0039	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0015	0.0039	"	"	"	"	"	"	
Isopropylbenzene	**0.0015**	0.0015	0.0039	"	"	"	"	"	"	J
4-Isopropyl Toluene	ND	0.0015	0.0039	"	"	"	"	"	"	
Methylene chloride	ND	0.0015	0.0039	"	"	"	"	"	"	
Naphthalene	ND	0.0015	0.0039	"	"	"	"	"	"	
n-Propylbenzene	**0.0041**	0.0015	0.0039	"	"	"	"	"	"	
Styrene	ND	0.0015	0.0039	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0015	0.0039	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0015	0.0039	"	"	"	"	"	"	
Tetrachloroethene (PCE)	ND	0.0015	0.0039	"	"	"	"	"	"	
Toluene	ND	0.0015	0.0039	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0015	0.0039	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0015	0.0039	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0015	0.0039	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0015	0.0039	"	"	"	"	"	"	
Trichloroethene (TCE)	ND	0.0015	0.0039	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0015	0.0039	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0015	0.0039	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0015	0.0039	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0015	0.0039	"	"	"	"	"	"	
Vinyl chloride	ND	0.0015	0.0039	"	"	"	"	"	"	
Xylenes (total)	ND	0.0015	0.0039	"	"	"	"	"	"	
t-Amyl Methyl Ether	ND	0.0015	0.0039	"	"	"	"	"	"	
t-Butyl alcohol	ND	0.0077	0.019	"	"	"	"	"	"	
Diisopropyl Ether	ND	0.0015	0.0039	"	"	"	"	"	"	
Ethanol	ND	1.5	3.9	"	"	"	"	"	"	
Ethyl t-Butyl Ether	ND	0.0015	0.0039	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP1-5@25'

1600510-05 (Solid)

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Oilfield Environmental and Compliance										
Volatile Organic Compounds by EPA Method 8260B										
Methyl-t-butyl ether	ND	0.0015	0.0039	mg/kg	1	B6B0164	05-Feb-16	05-Feb-16	EPA 8260B	
Surrogate: Dibromofluoromethane			*106 %*	*87-125*		"	"	"	"	
Surrogate: Toluene-d8			*104 %*	*75-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*102 %*	*65-127*		"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP1-6@30'

1600510-06 (Solid)

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Oilfield Environmental and Compliance										
TVPH by GC FID										
TPH Gasoline (C4-C12)	ND	0.075	0.37	mg/kg	1	B6B0213	08-Feb-16	08-Feb-16	EPA 8015M	
Surrogate: 4-Bromofluorobenzene			*109 %*	*45-158*		"	"	"	"	
TEPH by GC FID										
TPH Diesel (C13-C22)	ND	7.6	10	mg/kg	1	B6B0115	04-Feb-16	04-Feb-16	EPA 8015M	
TPH Motor Oil (C23-C40)	ND	40	50	"	"	"	"	"	"	
Surrogate: o-Terphenyl			*91.8 %*	*67-129*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
Benzene	**0.0028**	0.0016	0.0040	mg/kg	1	B6B0164	05-Feb-16	05-Feb-16	EPA 8260B	J
Bromobenzene	ND	0.0016	0.0040	"	"	"	"	"	"	
Bromochloromethane	ND	0.0016	0.0040	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0016	0.0040	"	"	"	"	"	"	
Bromoform	ND	0.0016	0.0040	"	"	"	"	"	"	
Bromomethane	ND	0.0016	0.0040	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0016	0.0040	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0016	0.0040	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0016	0.0040	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0016	0.0040	"	"	"	"	"	"	
Chlorobenzene	ND	0.0016	0.0040	"	"	"	"	"	"	
Chloroethane	ND	0.0016	0.0040	"	"	"	"	"	"	
Chloroform	ND	0.0016	0.0040	"	"	"	"	"	"	
Chloromethane	ND	0.0016	0.0040	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0016	0.0040	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0016	0.0040	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0016	0.0040	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0016	0.0040	"	"	"	"	"	"	
Dibromomethane	ND	0.0016	0.0040	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0016	0.0040	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0016	0.0040	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0016	0.0040	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0016	0.0040	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0016	0.0040	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0016	0.0040	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0016	0.0040	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.0016	0.0040	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP1-6@30'

1600510-06 (Solid)

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
trans-1,2-Dichloroethene	ND	0.0016	0.0040	mg/kg	1	B6B0164	05-Feb-16	05-Feb-16	EPA 8260B	
1,2-Dichloropropane	ND	0.0016	0.0040	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0016	0.0040	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0016	0.0040	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0016	0.0040	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0016	0.0040	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0016	0.0040	"	"	"	"	"	"	
Ethylbenzene	ND	0.0016	0.0040	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0016	0.0040	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0016	0.0040	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0016	0.0040	"	"	"	"	"	"	
4-Isopropyl Toluene	ND	0.0016	0.0040	"	"	"	"	"	"	
Methylene chloride	ND	0.0016	0.0040	"	"	"	"	"	"	
Naphthalene	ND	0.0016	0.0040	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0016	0.0040	"	"	"	"	"	"	
Styrene	ND	0.0016	0.0040	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0016	0.0040	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0016	0.0040	"	"	"	"	"	"	
Tetrachloroethene (PCE)	ND	0.0016	0.0040	"	"	"	"	"	"	
Toluene	ND	0.0016	0.0040	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0016	0.0040	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0016	0.0040	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0016	0.0040	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0016	0.0040	"	"	"	"	"	"	
Trichloroethene (TCE)	ND	0.0016	0.0040	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0016	0.0040	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0016	0.0040	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0016	0.0040	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0016	0.0040	"	"	"	"	"	"	
Vinyl chloride	ND	0.0016	0.0040	"	"	"	"	"	"	
Xylenes (total)	ND	0.0016	0.0040	"	"	"	"	"	"	
t-Amyl Methyl Ether	ND	0.0016	0.0040	"	"	"	"	"	"	
t-Butyl alcohol	ND	0.0079	0.020	"	"	"	"	"	"	
Diisopropyl Ether	ND	0.0016	0.0040	"	"	"	"	"	"	
Ethanol	ND	1.6	4.0	"	"	"	"	"	"	
Ethyl t-Butyl Ether	ND	0.0016	0.0040	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP1-6@30'

1600510-06 (Solid)

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B

Methyl-t-butyl ether	ND	0.0016	0.0040	mg/kg	1	B6B0164	05-Feb-16	05-Feb-16	EPA 8260B	
Surrogate: Dibromofluoromethane			*102 %*	*87-125*		"	"	"	"	
Surrogate: Toluene-d8			*100 %*	*75-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*99.8 %*	*65-127*		"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP2-1@5'

1600510-07 (Solid)

Oilfield Environmental and Compliance

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TVPH by GC FID										
TPH Gasoline (C4-C12)	**0.097**	0.087	0.43	mg/kg	1	B6B0213	08-Feb-16	08-Feb-16	EPA 8015M	J
Surrogate: 4-Bromofluorobenzene			*108 %*	*45-158*		"	"	"	"	
TEPH by GC FID										
TPH Diesel (C13-C22)	ND	7.6	10	mg/kg	1	B6B0115	04-Feb-16	04-Feb-16	EPA 8015M	
TPH Motor Oil (C23-C40)	ND	40	50	"	"	"	"	"	"	
Surrogate: o-Terphenyl			*91.3 %*	*67-129*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
Benzene	ND	0.0019	0.0047	mg/kg	1	B6B0164	05-Feb-16	05-Feb-16	EPA 8260B	
Bromobenzene	ND	0.0019	0.0047	"	"	"	"	"	"	
Bromochloromethane	ND	0.0019	0.0047	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0019	0.0047	"	"	"	"	"	"	
Bromoform	ND	0.0019	0.0047	"	"	"	"	"	"	
Bromomethane	ND	0.0019	0.0047	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0019	0.0047	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0019	0.0047	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0019	0.0047	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0019	0.0047	"	"	"	"	"	"	
Chlorobenzene	ND	0.0019	0.0047	"	"	"	"	"	"	
Chloroethane	ND	0.0019	0.0047	"	"	"	"	"	"	
Chloroform	ND	0.0019	0.0047	"	"	"	"	"	"	
Chloromethane	ND	0.0019	0.0047	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0019	0.0047	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0019	0.0047	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0019	0.0047	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0019	0.0047	"	"	"	"	"	"	
Dibromomethane	ND	0.0019	0.0047	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0019	0.0047	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0019	0.0047	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0019	0.0047	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0019	0.0047	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0019	0.0047	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0019	0.0047	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0019	0.0047	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.0019	0.0047	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP2-1@5'

1600510-07 (Solid)

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
trans-1,2-Dichloroethene	ND	0.0019	0.0047	mg/kg	1	B6B0164	05-Feb-16	05-Feb-16	EPA 8260B	
1,2-Dichloropropane	ND	0.0019	0.0047	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0019	0.0047	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0019	0.0047	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0019	0.0047	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0019	0.0047	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0019	0.0047	"	"	"	"	"	"	
Ethylbenzene	ND	0.0019	0.0047	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0019	0.0047	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0019	0.0047	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0019	0.0047	"	"	"	"	"	"	
4-Isopropyl Toluene	ND	0.0019	0.0047	"	"	"	"	"	"	
Methylene chloride	ND	0.0019	0.0047	"	"	"	"	"	"	
Naphthalene	ND	0.0019	0.0047	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0019	0.0047	"	"	"	"	"	"	
Styrene	ND	0.0019	0.0047	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0019	0.0047	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0019	0.0047	"	"	"	"	"	"	
Tetrachloroethene (PCE)	ND	0.0019	0.0047	"	"	"	"	"	"	
Toluene	ND	0.0019	0.0047	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0019	0.0047	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0019	0.0047	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0019	0.0047	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0019	0.0047	"	"	"	"	"	"	
Trichloroethene (TCE)	ND	0.0019	0.0047	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0019	0.0047	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0019	0.0047	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0019	0.0047	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0019	0.0047	"	"	"	"	"	"	
Vinyl chloride	ND	0.0019	0.0047	"	"	"	"	"	"	
Xylenes (total)	ND	0.0019	0.0047	"	"	"	"	"	"	
t-Amyl Methyl Ether	ND	0.0019	0.0047	"	"	"	"	"	"	
t-Butyl alcohol	ND	0.0094	0.024	"	"	"	"	"	"	
Diisopropyl Ether	ND	0.0019	0.0047	"	"	"	"	"	"	
Ethanol	ND	1.9	4.7	"	"	"	"	"	"	
Ethyl t-Butyl Ether	ND	0.0019	0.0047	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP2-1@5'

1600510-07 (Solid)

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Methyl-t-butyl ether	ND	0.0019	0.0047	mg/kg	1	B6B0164	05-Feb-16	05-Feb-16	EPA 8260B	
Surrogate: Dibromofluoromethane			*106 %*	*87-125*		"	"	"	"	
Surrogate: Toluene-d8			*101 %*	*75-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*97.8 %*	*65-127*		"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP2-2@10'

1600510-08 (Solid)

Oilfield Environmental and Compliance

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TVPH by GC FID										
TPH Gasoline (C4-C12)	ND	0.078	0.39	mg/kg	1	B6B0213	08-Feb-16	08-Feb-16	EPA 8015M	
Surrogate: 4-Bromofluorobenzene			*108 %*	*45-158*		"	"	"	"	
TEPH by GC FID										
TPH Diesel (C13-C22)	ND	7.6	10	mg/kg	1	B6B0115	04-Feb-16	04-Feb-16	EPA 8015M	
TPH Motor Oil (C23-C40)	ND	40	50	"	"	"	"	"	"	
Surrogate: o-Terphenyl			*91.7 %*	*67-129*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
Benzene	ND	0.0018	0.0044	mg/kg	1	B6B0164	05-Feb-16	05-Feb-16	EPA 8260B	
Bromobenzene	ND	0.0018	0.0044	"	"	"	"	"	"	
Bromochloromethane	ND	0.0018	0.0044	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0018	0.0044	"	"	"	"	"	"	
Bromoform	ND	0.0018	0.0044	"	"	"	"	"	"	
Bromomethane	ND	0.0018	0.0044	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0018	0.0044	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0018	0.0044	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0018	0.0044	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0018	0.0044	"	"	"	"	"	"	
Chlorobenzene	ND	0.0018	0.0044	"	"	"	"	"	"	
Chloroethane	ND	0.0018	0.0044	"	"	"	"	"	"	
Chloroform	ND	0.0018	0.0044	"	"	"	"	"	"	
Chloromethane	ND	0.0018	0.0044	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0018	0.0044	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0018	0.0044	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0018	0.0044	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0018	0.0044	"	"	"	"	"	"	
Dibromomethane	ND	0.0018	0.0044	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0018	0.0044	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0018	0.0044	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0018	0.0044	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0018	0.0044	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0018	0.0044	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0018	0.0044	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0018	0.0044	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.0018	0.0044	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP2-2@10'

1600510-08 (Solid)

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
trans-1,2-Dichloroethene	ND	0.0018	0.0044	mg/kg	1	B6B0164	05-Feb-16	05-Feb-16	EPA 8260B	
1,2-Dichloropropane	ND	0.0018	0.0044	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0018	0.0044	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0018	0.0044	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0018	0.0044	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0018	0.0044	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0018	0.0044	"	"	"	"	"	"	
Ethylbenzene	ND	0.0018	0.0044	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0018	0.0044	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0018	0.0044	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0018	0.0044	"	"	"	"	"	"	
4-Isopropyl Toluene	ND	0.0018	0.0044	"	"	"	"	"	"	
Methylene chloride	ND	0.0018	0.0044	"	"	"	"	"	"	
Naphthalene	ND	0.0018	0.0044	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0018	0.0044	"	"	"	"	"	"	
Styrene	ND	0.0018	0.0044	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0018	0.0044	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0018	0.0044	"	"	"	"	"	"	
Tetrachloroethene (PCE)	ND	0.0018	0.0044	"	"	"	"	"	"	
Toluene	ND	0.0018	0.0044	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0018	0.0044	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0018	0.0044	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0018	0.0044	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0018	0.0044	"	"	"	"	"	"	
Trichloroethene (TCE)	ND	0.0018	0.0044	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0018	0.0044	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0018	0.0044	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0018	0.0044	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0018	0.0044	"	"	"	"	"	"	
Vinyl chloride	ND	0.0018	0.0044	"	"	"	"	"	"	
Xylenes (total)	ND	0.0018	0.0044	"	"	"	"	"	"	
t-Amyl Methyl Ether	ND	0.0018	0.0044	"	"	"	"	"	"	
t-Butyl alcohol	ND	0.0088	0.022	"	"	"	"	"	"	
Diisopropyl Ether	ND	0.0018	0.0044	"	"	"	"	"	"	
Ethanol	ND	1.8	4.4	"	"	"	"	"	"	
Ethyl t-Butyl Ether	ND	0.0018	0.0044	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP2-2@10'

1600510-08 (Solid)

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B

Methyl-t-butyl ether	ND	0.0018	0.0044	mg/kg	1	B6B0164	05-Feb-16	05-Feb-16	EPA 8260B	
Surrogate: Dibromofluoromethane			*104 %*	*87-125*		"	"	"	"	
Surrogate: Toluene-d8			*101 %*	*75-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*98.6 %*	*65-127*		"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP2-3@15'

1600510-09 (Solid)

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Oilfield Environmental and Compliance										
TVPH by GC FID										
TPH Gasoline (C4-C12)	ND	0.092	0.46	mg/kg	1	B6B0213	08-Feb-16	08-Feb-16	EPA 8015M	
Surrogate: 4-Bromofluorobenzene			*105 %*	*45-158*		"	"	"	"	
TEPH by GC FID										
TPH Diesel (C13-C22)	**12**	7.6	10	mg/kg	1	B6B0115	04-Feb-16	04-Feb-16	EPA 8015M	
TPH Motor Oil (C23-C40)	ND	40	50	"	"	"	"	"	"	
Surrogate: o-Terphenyl			*90.3 %*	*67-129*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
Benzene	ND	0.0016	0.0040	mg/kg	1	B6B0164	05-Feb-16	05-Feb-16	EPA 8260B	
Bromobenzene	ND	0.0016	0.0040	"	"	"	"	"	"	
Bromochloromethane	ND	0.0016	0.0040	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0016	0.0040	"	"	"	"	"	"	
Bromoform	ND	0.0016	0.0040	"	"	"	"	"	"	
Bromomethane	ND	0.0016	0.0040	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0016	0.0040	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0016	0.0040	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0016	0.0040	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0016	0.0040	"	"	"	"	"	"	
Chlorobenzene	ND	0.0016	0.0040	"	"	"	"	"	"	
Chloroethane	ND	0.0016	0.0040	"	"	"	"	"	"	
Chloroform	ND	0.0016	0.0040	"	"	"	"	"	"	
Chloromethane	ND	0.0016	0.0040	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0016	0.0040	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0016	0.0040	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0016	0.0040	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0016	0.0040	"	"	"	"	"	"	
Dibromomethane	ND	0.0016	0.0040	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0016	0.0040	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0016	0.0040	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0016	0.0040	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0016	0.0040	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0016	0.0040	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0016	0.0040	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0016	0.0040	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.0016	0.0040	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP2-3@15'

1600510-09 (Solid)

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
trans-1,2-Dichloroethene	ND	0.0016	0.0040	mg/kg	1	B6B0164	05-Feb-16	05-Feb-16	EPA 8260B	
1,2-Dichloropropane	ND	0.0016	0.0040	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0016	0.0040	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0016	0.0040	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0016	0.0040	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0016	0.0040	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0016	0.0040	"	"	"	"	"	"	
Ethylbenzene	ND	0.0016	0.0040	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0016	0.0040	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0016	0.0040	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0016	0.0040	"	"	"	"	"	"	
4-Isopropyl Toluene	ND	0.0016	0.0040	"	"	"	"	"	"	
Methylene chloride	ND	0.0016	0.0040	"	"	"	"	"	"	
Naphthalene	ND	0.0016	0.0040	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0016	0.0040	"	"	"	"	"	"	
Styrene	ND	0.0016	0.0040	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0016	0.0040	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0016	0.0040	"	"	"	"	"	"	
Tetrachloroethene (PCE)	ND	0.0016	0.0040	"	"	"	"	"	"	
Toluene	ND	0.0016	0.0040	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0016	0.0040	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0016	0.0040	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0016	0.0040	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0016	0.0040	"	"	"	"	"	"	
Trichloroethene (TCE)	ND	0.0016	0.0040	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0016	0.0040	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0016	0.0040	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0016	0.0040	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0016	0.0040	"	"	"	"	"	"	
Vinyl chloride	ND	0.0016	0.0040	"	"	"	"	"	"	
Xylenes (total)	ND	0.0016	0.0040	"	"	"	"	"	"	
t-Amyl Methyl Ether	ND	0.0016	0.0040	"	"	"	"	"	"	
t-Butyl alcohol	ND	0.0081	0.020	"	"	"	"	"	"	
Diisopropyl Ether	ND	0.0016	0.0040	"	"	"	"	"	"	
Ethanol	ND	1.6	4.0	"	"	"	"	"	"	
Ethyl t-Butyl Ether	ND	0.0016	0.0040	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP2-3@15'

1600510-09 (Solid)

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B

Methyl-t-butyl ether	ND	0.0016	0.0040	mg/kg	1	B6B0164	05-Feb-16	05-Feb-16	EPA 8260B	
Surrogate: Dibromofluoromethane			*106 %*	*87-125*		"	"	"	"	
Surrogate: Toluene-d8			*100 %*	*75-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*98.1 %*	*65-127*		"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP2-4@20'

1600510-10 (Solid)

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Oilfield Environmental and Compliance										
TVPH by GC FID										
TPH Gasoline (C4-C12)	ND	0.080	0.40	mg/kg	1	B6B0213	08-Feb-16	08-Feb-16	EPA 8015M	
Surrogate: 4-Bromofluorobenzene			*109 %*	*45-158*		"	"	"	"	
TEPH by GC FID										
TPH Diesel (C13-C22)	ND	7.6	10	mg/kg	1	B6B0115	04-Feb-16	04-Feb-16	EPA 8015M	
TPH Motor Oil (C23-C40)	ND	40	50	"	"	"	"	"	"	
Surrogate: o-Terphenyl			*90.3 %*	*67-129*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
Benzene	ND	0.0018	0.0044	mg/kg	1	B6B0164	05-Feb-16	05-Feb-16	EPA 8260B	
Bromobenzene	ND	0.0018	0.0044	"	"	"	"	"	"	
Bromochloromethane	ND	0.0018	0.0044	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0018	0.0044	"	"	"	"	"	"	
Bromoform	ND	0.0018	0.0044	"	"	"	"	"	"	
Bromomethane	ND	0.0018	0.0044	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0018	0.0044	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0018	0.0044	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0018	0.0044	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0018	0.0044	"	"	"	"	"	"	
Chlorobenzene	ND	0.0018	0.0044	"	"	"	"	"	"	
Chloroethane	ND	0.0018	0.0044	"	"	"	"	"	"	
Chloroform	ND	0.0018	0.0044	"	"	"	"	"	"	
Chloromethane	ND	0.0018	0.0044	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0018	0.0044	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0018	0.0044	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0018	0.0044	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0018	0.0044	"	"	"	"	"	"	
Dibromomethane	ND	0.0018	0.0044	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0018	0.0044	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0018	0.0044	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0018	0.0044	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0018	0.0044	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0018	0.0044	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0018	0.0044	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0018	0.0044	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.0018	0.0044	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP2-4@20'

1600510-10 (Solid)

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
trans-1,2-Dichloroethene	ND	0.0018	0.0044	mg/kg	1	B6B0164	05-Feb-16	05-Feb-16	EPA 8260B	
1,2-Dichloropropane	ND	0.0018	0.0044	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0018	0.0044	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0018	0.0044	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0018	0.0044	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0018	0.0044	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0018	0.0044	"	"	"	"	"	"	
Ethylbenzene	ND	0.0018	0.0044	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0018	0.0044	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0018	0.0044	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0018	0.0044	"	"	"	"	"	"	
4-Isopropyl Toluene	ND	0.0018	0.0044	"	"	"	"	"	"	
Methylene chloride	ND	0.0018	0.0044	"	"	"	"	"	"	
Naphthalene	ND	0.0018	0.0044	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0018	0.0044	"	"	"	"	"	"	
Styrene	ND	0.0018	0.0044	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0018	0.0044	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0018	0.0044	"	"	"	"	"	"	
Tetrachloroethene (PCE)	ND	0.0018	0.0044	"	"	"	"	"	"	
Toluene	ND	0.0018	0.0044	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0018	0.0044	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0018	0.0044	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0018	0.0044	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0018	0.0044	"	"	"	"	"	"	
Trichloroethene (TCE)	ND	0.0018	0.0044	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0018	0.0044	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0018	0.0044	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0018	0.0044	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0018	0.0044	"	"	"	"	"	"	
Vinyl chloride	ND	0.0018	0.0044	"	"	"	"	"	"	
Xylenes (total)	ND	0.0018	0.0044	"	"	"	"	"	"	
t-Amyl Methyl Ether	ND	0.0018	0.0044	"	"	"	"	"	"	
t-Butyl alcohol	ND	0.0088	0.022	"	"	"	"	"	"	
Diisopropyl Ether	ND	0.0018	0.0044	"	"	"	"	"	"	
Ethanol	ND	1.8	4.4	"	"	"	"	"	"	
Ethyl t-Butyl Ether	ND	0.0018	0.0044	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP2-4@20'

1600510-10 (Solid)

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Methyl-t-butyl ether	ND	0.0018	0.0044	mg/kg	1	B6B0164	05-Feb-16	05-Feb-16	EPA 8260B	
Surrogate: Dibromofluoromethane			*105 %*	*87-125*		"	"	"	"	
Surrogate: Toluene-d8			*101 %*	*75-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*97.0 %*	*65-127*		"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP2-5@25'

1600510-11 (Solid)

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Oilfield Environmental and Compliance										
TVPH by GC FID										**NH**
TPH Gasoline (C4-C12)	**1.9**	0.48	1.4	mg/kg	1	B6B0308	10-Feb-16	10-Feb-16	EPA 8015M	
Surrogate: 4-Bromofluorobenzene			*104 %*	*45-158*		"	"	"	"	
TEPH by GC FID										
TPH Diesel (C13-C22)	ND	7.6	10	mg/kg	1	B6B0115	04-Feb-16	04-Feb-16	EPA 8015M	
TPH Motor Oil (C23-C40)	ND	40	50	"	"	"	"	"	"	
Surrogate: o-Terphenyl			*90.4 %*	*67-129*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
Benzene	ND	0.0018	0.0046	mg/kg	1	B6B0164	05-Feb-16	05-Feb-16	EPA 8260B	
Bromobenzene	ND	0.0018	0.0046	"	"	"	"	"	"	
Bromochloromethane	ND	0.0018	0.0046	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0018	0.0046	"	"	"	"	"	"	
Bromoform	ND	0.0018	0.0046	"	"	"	"	"	"	
Bromomethane	ND	0.0018	0.0046	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0018	0.0046	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0018	0.0046	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0018	0.0046	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0018	0.0046	"	"	"	"	"	"	
Chlorobenzene	ND	0.0018	0.0046	"	"	"	"	"	"	
Chloroethane	ND	0.0018	0.0046	"	"	"	"	"	"	
Chloroform	ND	0.0018	0.0046	"	"	"	"	"	"	
Chloromethane	ND	0.0018	0.0046	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0018	0.0046	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0018	0.0046	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0018	0.0046	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0018	0.0046	"	"	"	"	"	"	
Dibromomethane	ND	0.0018	0.0046	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0018	0.0046	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0018	0.0046	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0018	0.0046	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0018	0.0046	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0018	0.0046	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0018	0.0046	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0018	0.0046	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.0018	0.0046	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP2-5@25'

1600510-11 (Solid)

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
trans-1,2-Dichloroethene	ND	0.0018	0.0046	mg/kg	1	B6B0164	05-Feb-16	05-Feb-16	EPA 8260B	
1,2-Dichloropropane	ND	0.0018	0.0046	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0018	0.0046	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0018	0.0046	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0018	0.0046	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0018	0.0046	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0018	0.0046	"	"	"	"	"	"	
Ethylbenzene	ND	0.0018	0.0046	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0018	0.0046	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0018	0.0046	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0018	0.0046	"	"	"	"	"	"	
4-Isopropyl Toluene	ND	0.0018	0.0046	"	"	"	"	"	"	
Methylene chloride	ND	0.0018	0.0046	"	"	"	"	"	"	
Naphthalene	ND	0.0018	0.0046	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0018	0.0046	"	"	"	"	"	"	
Styrene	ND	0.0018	0.0046	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0018	0.0046	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0018	0.0046	"	"	"	"	"	"	
Tetrachloroethene (PCE)	ND	0.0018	0.0046	"	"	"	"	"	"	
Toluene	ND	0.0018	0.0046	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0018	0.0046	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0018	0.0046	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0018	0.0046	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0018	0.0046	"	"	"	"	"	"	
Trichloroethene (TCE)	ND	0.0018	0.0046	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0018	0.0046	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0018	0.0046	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0018	0.0046	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0018	0.0046	"	"	"	"	"	"	
Vinyl chloride	ND	0.0018	0.0046	"	"	"	"	"	"	
Xylenes (total)	ND	0.0018	0.0046	"	"	"	"	"	"	
t-Amyl Methyl Ether	ND	0.0018	0.0046	"	"	"	"	"	"	
t-Butyl alcohol	ND	0.0092	0.023	"	"	"	"	"	"	
Diisopropyl Ether	ND	0.0018	0.0046	"	"	"	"	"	"	
Ethanol	ND	1.8	4.6	"	"	"	"	"	"	
Ethyl t-Butyl Ether	ND	0.0018	0.0046	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP2-5@25'

1600510-11 (Solid)

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B

Methyl-t-butyl ether	ND	0.0018	0.0046	mg/kg	1	B6B0164	05-Feb-16	05-Feb-16	EPA 8260B	
Surrogate: Dibromofluoromethane			*106 %*	*87-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*100 %*	*65-127*		"	"	"	"	
Surrogate: Toluene-d8			*99.9 %*	*75-120*		"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP2-6@30'

1600510-12 (Solid)

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Oilfield Environmental and Compliance										
TVPH by GC FID										
TPH Gasoline (C4-C12)	ND	0.083	0.41	mg/kg	1	B6B0213	08-Feb-16	08-Feb-16	EPA 8015M	
Surrogate: 4-Bromofluorobenzene			*109 %*	*45-158*		"	"	"	"	
TEPH by GC FID										
TPH Diesel (C13-C22)	ND	7.6	10	mg/kg	1	B6B0115	04-Feb-16	04-Feb-16	EPA 8015M	
TPH Motor Oil (C23-C40)	ND	40	50	"	"	"	"	"	"	
Surrogate: o-Terphenyl			*90.5 %*	*67-129*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
Benzene	ND	0.0018	0.0045	mg/kg	1	B6B0113	04-Feb-16	04-Feb-16	EPA 8260B	
Bromobenzene	ND	0.0018	0.0045	"	"	"	"	"	"	
Bromochloromethane	ND	0.0018	0.0045	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0018	0.0045	"	"	"	"	"	"	
Bromoform	ND	0.0018	0.0045	"	"	"	"	"	"	
Bromomethane	ND	0.0018	0.0045	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0018	0.0045	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0018	0.0045	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0018	0.0045	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0018	0.0045	"	"	"	"	"	"	
Chlorobenzene	ND	0.0018	0.0045	"	"	"	"	"	"	
Chloroethane	ND	0.0018	0.0045	"	"	"	"	"	"	
Chloroform	ND	0.0018	0.0045	"	"	"	"	"	"	
Chloromethane	ND	0.0018	0.0045	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0018	0.0045	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0018	0.0045	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0018	0.0045	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0018	0.0045	"	"	"	"	"	"	
Dibromomethane	ND	0.0018	0.0045	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0018	0.0045	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0018	0.0045	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0018	0.0045	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0018	0.0045	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0018	0.0045	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0018	0.0045	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0018	0.0045	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.0018	0.0045	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP2-6@30'

1600510-12 (Solid)

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
trans-1,2-Dichloroethene	ND	0.0018	0.0045	mg/kg	1	B6B0113	04-Feb-16	04-Feb-16	EPA 8260B	
1,2-Dichloropropane	ND	0.0018	0.0045	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0018	0.0045	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0018	0.0045	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0018	0.0045	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0018	0.0045	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0018	0.0045	"	"	"	"	"	"	
Ethylbenzene	ND	0.0018	0.0045	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0018	0.0045	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0018	0.0045	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0018	0.0045	"	"	"	"	"	"	
4-Isopropyl Toluene	ND	0.0018	0.0045	"	"	"	"	"	"	
Methylene chloride	ND	0.0018	0.0045	"	"	"	"	"	"	
Naphthalene	ND	0.0018	0.0045	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0018	0.0045	"	"	"	"	"	"	
Styrene	ND	0.0018	0.0045	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0018	0.0045	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0018	0.0045	"	"	"	"	"	"	
Tetrachloroethene (PCE)	ND	0.0018	0.0045	"	"	"	"	"	"	
Toluene	ND	0.0018	0.0045	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0018	0.0045	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0018	0.0045	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0018	0.0045	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0018	0.0045	"	"	"	"	"	"	
Trichloroethene (TCE)	ND	0.0018	0.0045	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0018	0.0045	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0018	0.0045	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0018	0.0045	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0018	0.0045	"	"	"	"	"	"	
Vinyl chloride	ND	0.0018	0.0045	"	"	"	"	"	"	
Xylenes (total)	ND	0.0018	0.0045	"	"	"	"	"	"	
t-Amyl Methyl Ether	ND	0.0018	0.0045	"	"	"	"	"	"	
t-Butyl alcohol	ND	0.0089	0.022	"	"	"	"	"	"	
Diisopropyl Ether	ND	0.0018	0.0045	"	"	"	"	"	"	
Ethanol	ND	1.8	4.5	"	"	"	"	"	"	
Ethyl t-Butyl Ether	ND	0.0018	0.0045	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP2-6@30'

1600510-12 (Solid)

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B

Methyl-t-butyl ether	ND	0.0018	0.0045	mg/kg	1	B6B0113	04-Feb-16	04-Feb-16	EPA 8260B	
Surrogate: Dibromofluoromethane			*104 %*	*87-125*		"	"	"	"	
Surrogate: Toluene-d8			*99.7 %*	*75-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*96.6 %*	*65-127*		"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP3-1@5'

1600510-13 (Solid)

Oilfield Environmental and Compliance

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TVPH by GC FID										
TPH Gasoline (C4-C12)	ND	0.079	0.40	mg/kg	1	B6B0213	08-Feb-16	08-Feb-16	EPA 8015M	
Surrogate: 4-Bromofluorobenzene			*108 %*	*45-158*		"	"	"	"	
TEPH by GC FID										
TPH Diesel (C13-C22)	ND	7.6	10	mg/kg	1	B6B0115	04-Feb-16	04-Feb-16	EPA 8015M	
TPH Motor Oil (C23-C40)	ND	40	50	"	"	"	"	"	"	
Surrogate: o-Terphenyl			*90.6 %*	*67-129*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
Benzene	ND	0.0017	0.0043	mg/kg	1	B6B0113	04-Feb-16	04-Feb-16	EPA 8260B	
Bromobenzene	ND	0.0017	0.0043	"	"	"	"	"	"	
Bromochloromethane	ND	0.0017	0.0043	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0017	0.0043	"	"	"	"	"	"	
Bromoform	ND	0.0017	0.0043	"	"	"	"	"	"	
Bromomethane	ND	0.0017	0.0043	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0017	0.0043	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0017	0.0043	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0017	0.0043	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0017	0.0043	"	"	"	"	"	"	
Chlorobenzene	ND	0.0017	0.0043	"	"	"	"	"	"	
Chloroethane	ND	0.0017	0.0043	"	"	"	"	"	"	
Chloroform	ND	0.0017	0.0043	"	"	"	"	"	"	
Chloromethane	ND	0.0017	0.0043	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0017	0.0043	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0017	0.0043	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0017	0.0043	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0017	0.0043	"	"	"	"	"	"	
Dibromomethane	ND	0.0017	0.0043	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0017	0.0043	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0017	0.0043	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0017	0.0043	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0017	0.0043	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0017	0.0043	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0017	0.0043	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0017	0.0043	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.0017	0.0043	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP3-1@5'

1600510-13 (Solid)

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
trans-1,2-Dichloroethene	ND	0.0017	0.0043	mg/kg	1	B6B0113	04-Feb-16	04-Feb-16	EPA 8260B	
1,2-Dichloropropane	ND	0.0017	0.0043	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0017	0.0043	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0017	0.0043	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0017	0.0043	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0017	0.0043	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0017	0.0043	"	"	"	"	"	"	
Ethylbenzene	ND	0.0017	0.0043	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0017	0.0043	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0017	0.0043	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0017	0.0043	"	"	"	"	"	"	
4-Isopropyl Toluene	ND	0.0017	0.0043	"	"	"	"	"	"	
Methylene chloride	ND	0.0017	0.0043	"	"	"	"	"	"	
Naphthalene	ND	0.0017	0.0043	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0017	0.0043	"	"	"	"	"	"	
Styrene	ND	0.0017	0.0043	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0017	0.0043	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0017	0.0043	"	"	"	"	"	"	
Tetrachloroethene (PCE)	ND	0.0017	0.0043	"	"	"	"	"	"	
Toluene	ND	0.0017	0.0043	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0017	0.0043	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0017	0.0043	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0017	0.0043	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0017	0.0043	"	"	"	"	"	"	
Trichloroethene (TCE)	ND	0.0017	0.0043	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0017	0.0043	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0017	0.0043	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0017	0.0043	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0017	0.0043	"	"	"	"	"	"	
Vinyl chloride	ND	0.0017	0.0043	"	"	"	"	"	"	
Xylenes (total)	ND	0.0017	0.0043	"	"	"	"	"	"	
t-Amyl Methyl Ether	ND	0.0017	0.0043	"	"	"	"	"	"	
t-Butyl alcohol	ND	0.0086	0.022	"	"	"	"	"	"	
Diisopropyl Ether	ND	0.0017	0.0043	"	"	"	"	"	"	
Ethanol	ND	1.7	4.3	"	"	"	"	"	"	
Ethyl t-Butyl Ether	ND	0.0017	0.0043	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP3-1@5'

1600510-13 (Solid)

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Methyl-t-butyl ether	ND	0.0017	0.0043	mg/kg	1	B6B0113	04-Feb-16	04-Feb-16	EPA 8260B	
Surrogate: Dibromofluoromethane			*106 %*	*87-125*		"	"	"	"	
Surrogate: Toluene-d8			*98.8 %*	*75-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*96.0 %*	*65-127*		"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP3-2@10'

1600510-14 (Solid)

Oilfield Environmental and Compliance

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TVPH by GC FID										
TPH Gasoline (C4-C12)	ND	0.080	0.40	mg/kg	1	B6B0213	08-Feb-16	08-Feb-16	EPA 8015M	
Surrogate: 4-Bromofluorobenzene			*108 %*	*45-158*		"	"	"	"	
TEPH by GC FID										
TPH Diesel (C13-C22)	ND	7.6	10	mg/kg	1	B6B0115	04-Feb-16	04-Feb-16	EPA 8015M	
TPH Motor Oil (C23-C40)	ND	40	50	"	"	"	"	"	"	
Surrogate: o-Terphenyl			*91.1 %*	*67-129*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
Benzene	ND	0.0015	0.0039	mg/kg	1	B6B0113	04-Feb-16	04-Feb-16	EPA 8260B	
Bromobenzene	ND	0.0015	0.0039	"	"	"	"	"	"	
Bromochloromethane	ND	0.0015	0.0039	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0015	0.0039	"	"	"	"	"	"	
Bromoform	ND	0.0015	0.0039	"	"	"	"	"	"	
Bromomethane	ND	0.0015	0.0039	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0015	0.0039	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0015	0.0039	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0015	0.0039	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0015	0.0039	"	"	"	"	"	"	
Chlorobenzene	ND	0.0015	0.0039	"	"	"	"	"	"	
Chloroethane	ND	0.0015	0.0039	"	"	"	"	"	"	
Chloroform	ND	0.0015	0.0039	"	"	"	"	"	"	
Chloromethane	ND	0.0015	0.0039	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0015	0.0039	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0015	0.0039	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0015	0.0039	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0015	0.0039	"	"	"	"	"	"	
Dibromomethane	ND	0.0015	0.0039	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0015	0.0039	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0015	0.0039	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0015	0.0039	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0015	0.0039	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0015	0.0039	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0015	0.0039	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0015	0.0039	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.0015	0.0039	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP3-2@10'

1600510-14 (Solid)

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
trans-1,2-Dichloroethene	ND	0.0015	0.0039	mg/kg	1	B6B0113	04-Feb-16	04-Feb-16	EPA 8260B	
1,2-Dichloropropane	ND	0.0015	0.0039	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0015	0.0039	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0015	0.0039	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0015	0.0039	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0015	0.0039	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0015	0.0039	"	"	"	"	"	"	
Ethylbenzene	ND	0.0015	0.0039	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0015	0.0039	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0015	0.0039	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0015	0.0039	"	"	"	"	"	"	
4-Isopropyl Toluene	ND	0.0015	0.0039	"	"	"	"	"	"	
Methylene chloride	ND	0.0015	0.0039	"	"	"	"	"	"	
Naphthalene	ND	0.0015	0.0039	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0015	0.0039	"	"	"	"	"	"	
Styrene	ND	0.0015	0.0039	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0015	0.0039	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0015	0.0039	"	"	"	"	"	"	
Tetrachloroethene (PCE)	ND	0.0015	0.0039	"	"	"	"	"	"	
Toluene	ND	0.0015	0.0039	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0015	0.0039	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0015	0.0039	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0015	0.0039	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0015	0.0039	"	"	"	"	"	"	
Trichloroethene (TCE)	ND	0.0015	0.0039	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0015	0.0039	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0015	0.0039	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0015	0.0039	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0015	0.0039	"	"	"	"	"	"	
Vinyl chloride	ND	0.0015	0.0039	"	"	"	"	"	"	
Xylenes (total)	ND	0.0015	0.0039	"	"	"	"	"	"	
t-Amyl Methyl Ether	ND	0.0015	0.0039	"	"	"	"	"	"	
t-Butyl alcohol	ND	0.0077	0.019	"	"	"	"	"	"	
Diisopropyl Ether	ND	0.0015	0.0039	"	"	"	"	"	"	
Ethanol	ND	1.5	3.9	"	"	"	"	"	"	
Ethyl t-Butyl Ether	ND	0.0015	0.0039	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP3-2@10'

1600510-14 (Solid)

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B

Methyl-t-butyl ether	ND	0.0015	0.0039	mg/kg	1	B6B0113	04-Feb-16	04-Feb-16	EPA 8260B	
Surrogate: Dibromofluoromethane			*106 %*	*87-125*		"	"	"	"	
Surrogate: Toluene-d8			*99.8 %*	*75-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*95.4 %*	*65-127*		"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP3-3@15'

1600510-15 (Solid)

Oilfield Environmental and Compliance

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TVPH by GC FID										
TPH Gasoline (C4-C12)	ND	0.086	0.43	mg/kg	1	B6B0213	08-Feb-16	08-Feb-16	EPA 8015M	
Surrogate: 4-Bromofluorobenzene			*108 %*	*45-158*		"	"	"	"	
TEPH by GC FID										
TPH Diesel (C13-C22)	**9.9**	7.6	10	mg/kg	1	B6B0115	04-Feb-16	04-Feb-16	EPA 8015M	J
TPH Motor Oil (C23-C40)	ND	40	50	"	"	"	"	"	"	
Surrogate: o-Terphenyl			*92.0 %*	*67-129*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
Benzene	ND	0.0016	0.0041	mg/kg	1	B6B0113	04-Feb-16	04-Feb-16	EPA 8260B	
Bromobenzene	ND	0.0016	0.0041	"	"	"	"	"	"	
Bromochloromethane	ND	0.0016	0.0041	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0016	0.0041	"	"	"	"	"	"	
Bromoform	ND	0.0016	0.0041	"	"	"	"	"	"	
Bromomethane	ND	0.0016	0.0041	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0016	0.0041	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0016	0.0041	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0016	0.0041	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0016	0.0041	"	"	"	"	"	"	
Chlorobenzene	ND	0.0016	0.0041	"	"	"	"	"	"	
Chloroethane	ND	0.0016	0.0041	"	"	"	"	"	"	
Chloroform	ND	0.0016	0.0041	"	"	"	"	"	"	
Chloromethane	ND	0.0016	0.0041	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0016	0.0041	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0016	0.0041	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0016	0.0041	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0016	0.0041	"	"	"	"	"	"	
Dibromomethane	ND	0.0016	0.0041	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0016	0.0041	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0016	0.0041	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0016	0.0041	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0016	0.0041	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0016	0.0041	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0016	0.0041	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0016	0.0041	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.0016	0.0041	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP3-3@15'

1600510-15 (Solid)

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
trans-1,2-Dichloroethene	ND	0.0016	0.0041	mg/kg	1	B6B0113	04-Feb-16	04-Feb-16	EPA 8260B	
1,2-Dichloropropane	ND	0.0016	0.0041	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0016	0.0041	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0016	0.0041	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0016	0.0041	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0016	0.0041	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0016	0.0041	"	"	"	"	"	"	
Ethylbenzene	ND	0.0016	0.0041	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0016	0.0041	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0016	0.0041	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0016	0.0041	"	"	"	"	"	"	
4-Isopropyl Toluene	ND	0.0016	0.0041	"	"	"	"	"	"	
Methylene chloride	ND	0.0016	0.0041	"	"	"	"	"	"	
Naphthalene	ND	0.0016	0.0041	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0016	0.0041	"	"	"	"	"	"	
Styrene	ND	0.0016	0.0041	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0016	0.0041	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0016	0.0041	"	"	"	"	"	"	
Tetrachloroethene (PCE)	ND	0.0016	0.0041	"	"	"	"	"	"	
Toluene	ND	0.0016	0.0041	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0016	0.0041	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0016	0.0041	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0016	0.0041	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0016	0.0041	"	"	"	"	"	"	
Trichloroethene (TCE)	ND	0.0016	0.0041	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0016	0.0041	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0016	0.0041	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0016	0.0041	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0016	0.0041	"	"	"	"	"	"	
Vinyl chloride	ND	0.0016	0.0041	"	"	"	"	"	"	
Xylenes (total)	ND	0.0016	0.0041	"	"	"	"	"	"	
t-Amyl Methyl Ether	ND	0.0016	0.0041	"	"	"	"	"	"	
t-Butyl alcohol	ND	0.0081	0.020	"	"	"	"	"	"	
Diisopropyl Ether	ND	0.0016	0.0041	"	"	"	"	"	"	
Ethanol	ND	1.6	4.1	"	"	"	"	"	"	
Ethyl t-Butyl Ether	ND	0.0016	0.0041	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP3-3@15'

1600510-15 (Solid)

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B

Methyl-t-butyl ether	ND	0.0016	0.0041	mg/kg	1	B6B0113	04-Feb-16	04-Feb-16	EPA 8260B	
Surrogate: Dibromofluoromethane			*109 %*	*87-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*98.3 %*	*65-127*		"	"	"	"	
Surrogate: Toluene-d8			*99.8 %*	*75-120*		"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP3-4@20'

1600510-16 (Solid)

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Oilfield Environmental and Compliance										
TVPH by GC FID										
TPH Gasoline (C4-C12)	ND	0.085	0.43	mg/kg	1	B6B0213	08-Feb-16	08-Feb-16	EPA 8015M	
Surrogate: 4-Bromofluorobenzene			*109 %*	*45-158*		"	"	"	"	
TEPH by GC FID										
TPH Diesel (C13-C22)	ND	7.6	10	mg/kg	1	B6B0115	04-Feb-16	04-Feb-16	EPA 8015M	
TPH Motor Oil (C23-C40)	ND	40	50	"	"	"	"	"	"	
Surrogate: o-Terphenyl			*91.4 %*	*67-129*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
Benzene	ND	0.0017	0.0042	mg/kg	1	B6B0113	04-Feb-16	04-Feb-16	EPA 8260B	
Bromobenzene	ND	0.0017	0.0042	"	"	"	"	"	"	
Bromochloromethane	ND	0.0017	0.0042	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0017	0.0042	"	"	"	"	"	"	
Bromoform	ND	0.0017	0.0042	"	"	"	"	"	"	
Bromomethane	ND	0.0017	0.0042	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0017	0.0042	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0017	0.0042	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0017	0.0042	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0017	0.0042	"	"	"	"	"	"	
Chlorobenzene	ND	0.0017	0.0042	"	"	"	"	"	"	
Chloroethane	ND	0.0017	0.0042	"	"	"	"	"	"	
Chloroform	ND	0.0017	0.0042	"	"	"	"	"	"	
Chloromethane	ND	0.0017	0.0042	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0017	0.0042	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0017	0.0042	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0017	0.0042	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0017	0.0042	"	"	"	"	"	"	
Dibromomethane	ND	0.0017	0.0042	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0017	0.0042	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0017	0.0042	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0017	0.0042	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0017	0.0042	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0017	0.0042	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0017	0.0042	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0017	0.0042	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.0017	0.0042	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP3-4@20'

1600510-16 (Solid)

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
trans-1,2-Dichloroethene	ND	0.0017	0.0042	mg/kg	1	B6B0113	04-Feb-16	04-Feb-16	EPA 8260B	
1,2-Dichloropropane	ND	0.0017	0.0042	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0017	0.0042	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0017	0.0042	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0017	0.0042	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0017	0.0042	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0017	0.0042	"	"	"	"	"	"	
Ethylbenzene	ND	0.0017	0.0042	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0017	0.0042	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0017	0.0042	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0017	0.0042	"	"	"	"	"	"	
4-Isopropyl Toluene	ND	0.0017	0.0042	"	"	"	"	"	"	
Methylene chloride	ND	0.0017	0.0042	"	"	"	"	"	"	
Naphthalene	ND	0.0017	0.0042	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0017	0.0042	"	"	"	"	"	"	
Styrene	ND	0.0017	0.0042	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0017	0.0042	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0017	0.0042	"	"	"	"	"	"	
Tetrachloroethene (PCE)	ND	0.0017	0.0042	"	"	"	"	"	"	
Toluene	ND	0.0017	0.0042	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0017	0.0042	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0017	0.0042	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0017	0.0042	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0017	0.0042	"	"	"	"	"	"	
Trichloroethene (TCE)	ND	0.0017	0.0042	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0017	0.0042	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0017	0.0042	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0017	0.0042	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0017	0.0042	"	"	"	"	"	"	
Vinyl chloride	ND	0.0017	0.0042	"	"	"	"	"	"	
Xylenes (total)	ND	0.0017	0.0042	"	"	"	"	"	"	
t-Amyl Methyl Ether	ND	0.0017	0.0042	"	"	"	"	"	"	
t-Butyl alcohol	ND	0.0083	0.021	"	"	"	"	"	"	
Diisopropyl Ether	ND	0.0017	0.0042	"	"	"	"	"	"	
Ethanol	ND	1.7	4.2	"	"	"	"	"	"	
Ethyl t-Butyl Ether	ND	0.0017	0.0042	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP3-4@20'

1600510-16 (Solid)

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Methyl-t-butyl ether	ND	0.0017	0.0042	mg/kg	1	B6B0113	04-Feb-16	04-Feb-16	EPA 8260B	
Surrogate: Dibromofluoromethane			*106 %*	*87-125*		"	"	"	"	
Surrogate: Toluene-d8			*98.8 %*	*75-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*97.9 %*	*65-127*		"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP3-5@25'

1600510-17 (Solid)

Oilfield Environmental and Compliance

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TVPH by GC FID										
TPH Gasoline (C4-C12)	**2.7**	0.089	0.45	mg/kg	1	B6B0213	08-Feb-16	09-Feb-16	EPA 8015M	
Surrogate: 4-Bromofluorobenzene			*150 %*	*45-158*		"	"	"	"	
TEPH by GC FID										
TPH Diesel (C13-C22)	**7.6**	7.6	10	mg/kg	1	B6B0115	04-Feb-16	04-Feb-16	EPA 8015M	J
TPH Motor Oil (C23-C40)	ND	40	50	"	"	"	"	"	"	
Surrogate: o-Terphenyl			*90.8 %*	*67-129*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
Benzene	ND	0.0015	0.0038	mg/kg	1	B6B0113	04-Feb-16	04-Feb-16	EPA 8260B	
Bromobenzene	ND	0.0015	0.0038	"	"	"	"	"	"	
Bromochloromethane	ND	0.0015	0.0038	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0015	0.0038	"	"	"	"	"	"	
Bromoform	ND	0.0015	0.0038	"	"	"	"	"	"	
Bromomethane	ND	0.0015	0.0038	"	"	"	"	"	"	
n-Butylbenzene	**0.052**	0.0015	0.0038	"	"	"	"	"	"	
sec-Butylbenzene	**0.030**	0.0015	0.0038	"	"	"	"	"	"	
tert-Butylbenzene	**0.0019**	0.0015	0.0038	"	"	"	"	"	"	J
Carbon tetrachloride	ND	0.0015	0.0038	"	"	"	"	"	"	
Chlorobenzene	ND	0.0015	0.0038	"	"	"	"	"	"	
Chloroethane	ND	0.0015	0.0038	"	"	"	"	"	"	
Chloroform	ND	0.0015	0.0038	"	"	"	"	"	"	
Chloromethane	ND	0.0015	0.0038	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0015	0.0038	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0015	0.0038	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0015	0.0038	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0015	0.0038	"	"	"	"	"	"	
Dibromomethane	ND	0.0015	0.0038	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0015	0.0038	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0015	0.0038	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0015	0.0038	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0015	0.0038	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0015	0.0038	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0015	0.0038	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0015	0.0038	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.0015	0.0038	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP3-5@25'

1600510-17 (Solid)

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
trans-1,2-Dichloroethene	ND	0.0015	0.0038	mg/kg	1	B6B0113	04-Feb-16	04-Feb-16	EPA 8260B	
1,2-Dichloropropane	ND	0.0015	0.0038	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0015	0.0038	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0015	0.0038	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0015	0.0038	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0015	0.0038	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0015	0.0038	"	"	"	"	"	"	
Ethylbenzene	ND	0.0015	0.0038	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0015	0.0038	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0015	0.0038	"	"	"	"	"	"	
Isopropylbenzene	**0.0015**	0.0015	0.0038	"	"	"	"	"	"	J
4-Isopropyl Toluene	ND	0.0015	0.0038	"	"	"	"	"	"	
Methylene chloride	ND	0.0015	0.0038	"	"	"	"	"	"	
Naphthalene	ND	0.0015	0.0038	"	"	"	"	"	"	
n-Propylbenzene	**0.0037**	0.0015	0.0038	"	"	"	"	"	"	J
Styrene	ND	0.0015	0.0038	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0015	0.0038	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0015	0.0038	"	"	"	"	"	"	
Tetrachloroethene (PCE)	ND	0.0015	0.0038	"	"	"	"	"	"	
Toluene	ND	0.0015	0.0038	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0015	0.0038	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0015	0.0038	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0015	0.0038	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0015	0.0038	"	"	"	"	"	"	
Trichloroethene (TCE)	ND	0.0015	0.0038	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0015	0.0038	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0015	0.0038	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0015	0.0038	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0015	0.0038	"	"	"	"	"	"	
Vinyl chloride	ND	0.0015	0.0038	"	"	"	"	"	"	
Xylenes (total)	ND	0.0015	0.0038	"	"	"	"	"	"	
t-Amyl Methyl Ether	ND	0.0015	0.0038	"	"	"	"	"	"	
t-Butyl alcohol	ND	0.0076	0.019	"	"	"	"	"	"	
Diisopropyl Ether	ND	0.0015	0.0038	"	"	"	"	"	"	
Ethanol	ND	1.5	3.8	"	"	"	"	"	"	
Ethyl t-Butyl Ether	ND	0.0015	0.0038	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP3-5@25'

1600510-17 (Solid)

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Methyl-t-butyl ether	ND	0.0015	0.0038	mg/kg	1	B6B0113	04-Feb-16	04-Feb-16	EPA 8260B	
Surrogate: Dibromofluoromethane			*107 %*	*87-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*111 %*	*65-127*		"	"	"	"	
Surrogate: Toluene-d8			*121 %*	*75-120*		"	"	"	"	*A-01*

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP3-6@30'

1600510-18 (Solid)

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Oilfield Environmental and Compliance										
TVPH by GC FID										
TPH Gasoline (C4-C12)	ND	0.10	0.50	mg/kg	1	B6B0264	09-Feb-16	09-Feb-16	EPA 8015M	
Surrogate: 4-Bromofluorobenzene			*104 %*	*45-158*		"	"	"	"	
TEPH by GC FID										
TPH Diesel (C13-C22)	**9.6**	7.6	10	mg/kg	1	B6B0115	04-Feb-16	04-Feb-16	EPA 8015M	J
TPH Motor Oil (C23-C40)	ND	40	50	"	"	"	"	"	"	
Surrogate: o-Terphenyl			*94.3 %*	*67-129*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
Benzene	ND	0.0017	0.0042	mg/kg	1	B6B0113	04-Feb-16	04-Feb-16	EPA 8260B	
Bromobenzene	ND	0.0017	0.0042	"	"	"	"	"	"	
Bromochloromethane	ND	0.0017	0.0042	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0017	0.0042	"	"	"	"	"	"	
Bromoform	ND	0.0017	0.0042	"	"	"	"	"	"	
Bromomethane	ND	0.0017	0.0042	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0017	0.0042	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0017	0.0042	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0017	0.0042	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0017	0.0042	"	"	"	"	"	"	
Chlorobenzene	ND	0.0017	0.0042	"	"	"	"	"	"	
Chloroethane	ND	0.0017	0.0042	"	"	"	"	"	"	
Chloroform	ND	0.0017	0.0042	"	"	"	"	"	"	
Chloromethane	ND	0.0017	0.0042	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0017	0.0042	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0017	0.0042	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0017	0.0042	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0017	0.0042	"	"	"	"	"	"	
Dibromomethane	ND	0.0017	0.0042	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0017	0.0042	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0017	0.0042	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0017	0.0042	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0017	0.0042	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0017	0.0042	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0017	0.0042	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0017	0.0042	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.0017	0.0042	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP3-6@30'

1600510-18 (Solid)

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
trans-1,2-Dichloroethene	ND	0.0017	0.0042	mg/kg	1	B6B0113	04-Feb-16	04-Feb-16	EPA 8260B	
1,2-Dichloropropane	ND	0.0017	0.0042	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0017	0.0042	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0017	0.0042	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0017	0.0042	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0017	0.0042	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0017	0.0042	"	"	"	"	"	"	
Ethylbenzene	ND	0.0017	0.0042	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0017	0.0042	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0017	0.0042	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0017	0.0042	"	"	"	"	"	"	
4-Isopropyl Toluene	ND	0.0017	0.0042	"	"	"	"	"	"	
Methylene chloride	ND	0.0017	0.0042	"	"	"	"	"	"	
Naphthalene	ND	0.0017	0.0042	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0017	0.0042	"	"	"	"	"	"	
Styrene	ND	0.0017	0.0042	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0017	0.0042	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0017	0.0042	"	"	"	"	"	"	
Tetrachloroethene (PCE)	ND	0.0017	0.0042	"	"	"	"	"	"	
Toluene	ND	0.0017	0.0042	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0017	0.0042	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0017	0.0042	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0017	0.0042	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0017	0.0042	"	"	"	"	"	"	
Trichloroethene (TCE)	ND	0.0017	0.0042	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0017	0.0042	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0017	0.0042	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0017	0.0042	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0017	0.0042	"	"	"	"	"	"	
Vinyl chloride	ND	0.0017	0.0042	"	"	"	"	"	"	
Xylenes (total)	ND	0.0017	0.0042	"	"	"	"	"	"	
t-Amyl Methyl Ether	ND	0.0017	0.0042	"	"	"	"	"	"	
t-Butyl alcohol	ND	0.0084	0.021	"	"	"	"	"	"	
Diisopropyl Ether	ND	0.0017	0.0042	"	"	"	"	"	"	
Ethanol	ND	1.7	4.2	"	"	"	"	"	"	
Ethyl t-Butyl Ether	ND	0.0017	0.0042	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP3-6@30'

1600510-18 (Solid)

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Methyl-t-butyl ether	ND	0.0017	0.0042	mg/kg	1	B6B0113	04-Feb-16	04-Feb-16	EPA 8260B	
Surrogate: Dibromofluoromethane			*105 %*	*87-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*96.0 %*	*65-127*		"	"	"	"	
Surrogate: Toluene-d8			*99.5 %*	*75-120*		"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP4-1@5'

1600510-19 (Solid)

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Oilfield Environmental and Compliance										
TVPH by GC FID										
TPH Gasoline (C4-C12)	ND	0.091	0.45	mg/kg	1	B6B0213	08-Feb-16	09-Feb-16	EPA 8015M	
Surrogate: 4-Bromofluorobenzene			*108 %*	*45-158*		"	"	"	"	
TEPH by GC FID										
TPH Diesel (C13-C22)	**14**	7.6	10	mg/kg	1	B6B0115	04-Feb-16	04-Feb-16	EPA 8015M	
TPH Motor Oil (C23-C40)	ND	40	50	"	"	"	"	"	"	
Surrogate: o-Terphenyl			*93.4 %*	*67-129*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
Benzene	ND	0.0019	0.0047	mg/kg	1	B6B0113	04-Feb-16	04-Feb-16	EPA 8260B	
Bromobenzene	ND	0.0019	0.0047	"	"	"	"	"	"	
Bromochloromethane	ND	0.0019	0.0047	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0019	0.0047	"	"	"	"	"	"	
Bromoform	ND	0.0019	0.0047	"	"	"	"	"	"	
Bromomethane	ND	0.0019	0.0047	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0019	0.0047	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0019	0.0047	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0019	0.0047	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0019	0.0047	"	"	"	"	"	"	
Chlorobenzene	ND	0.0019	0.0047	"	"	"	"	"	"	
Chloroethane	ND	0.0019	0.0047	"	"	"	"	"	"	
Chloroform	ND	0.0019	0.0047	"	"	"	"	"	"	
Chloromethane	ND	0.0019	0.0047	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0019	0.0047	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0019	0.0047	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0019	0.0047	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0019	0.0047	"	"	"	"	"	"	
Dibromomethane	ND	0.0019	0.0047	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0019	0.0047	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0019	0.0047	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0019	0.0047	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0019	0.0047	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0019	0.0047	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0019	0.0047	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0019	0.0047	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.0019	0.0047	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP4-1@5'

1600510-19 (Solid)

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
trans-1,2-Dichloroethene	ND	0.0019	0.0047	mg/kg	1	B6B0113	04-Feb-16	04-Feb-16	EPA 8260B	
1,2-Dichloropropane	ND	0.0019	0.0047	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0019	0.0047	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0019	0.0047	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0019	0.0047	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0019	0.0047	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0019	0.0047	"	"	"	"	"	"	
Ethylbenzene	ND	0.0019	0.0047	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0019	0.0047	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0019	0.0047	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0019	0.0047	"	"	"	"	"	"	
4-Isopropyl Toluene	ND	0.0019	0.0047	"	"	"	"	"	"	
Methylene chloride	ND	0.0019	0.0047	"	"	"	"	"	"	
Naphthalene	ND	0.0019	0.0047	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0019	0.0047	"	"	"	"	"	"	
Styrene	ND	0.0019	0.0047	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0019	0.0047	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0019	0.0047	"	"	"	"	"	"	
Tetrachloroethene (PCE)	ND	0.0019	0.0047	"	"	"	"	"	"	
Toluene	ND	0.0019	0.0047	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0019	0.0047	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0019	0.0047	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0019	0.0047	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0019	0.0047	"	"	"	"	"	"	
Trichloroethene (TCE)	ND	0.0019	0.0047	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0019	0.0047	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0019	0.0047	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0019	0.0047	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0019	0.0047	"	"	"	"	"	"	
Vinyl chloride	ND	0.0019	0.0047	"	"	"	"	"	"	
Xylenes (total)	ND	0.0019	0.0047	"	"	"	"	"	"	
t-Amyl Methyl Ether	ND	0.0019	0.0047	"	"	"	"	"	"	
t-Butyl alcohol	ND	0.0094	0.023	"	"	"	"	"	"	
Diisopropyl Ether	ND	0.0019	0.0047	"	"	"	"	"	"	
Ethanol	ND	1.9	4.7	"	"	"	"	"	"	
Ethyl t-Butyl Ether	ND	0.0019	0.0047	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP4-1@5'

1600510-19 (Solid)

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Methyl-t-butyl ether	ND	0.0019	0.0047	mg/kg	1	B6B0113	04-Feb-16	04-Feb-16	EPA 8260B	
Surrogate: Dibromofluoromethane			*107 %*	*87-125*		"	"	"	"	
Surrogate: Toluene-d8			*99.3 %*	*75-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*96.7 %*	*65-127*		"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP4-2@10'

1600510-20 (Solid)

Oilfield Environmental and Compliance

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TVPH by GC FID										
TPH Gasoline (C4-C12)	**0.30**	0.088	0.44	mg/kg	1	B6B0213	08-Feb-16	09-Feb-16	EPA 8015M	J
Surrogate: 4-Bromofluorobenzene			*121 %*	*45-158*		"	"	"	"	
TEPH by GC FID										
TPH Diesel (C13-C22)	**11**	7.6	10	mg/kg	1	B6B0115	04-Feb-16	04-Feb-16	EPA 8015M	
TPH Motor Oil (C23-C40)	ND	40	50	"	"	"	"	"	"	
Surrogate: o-Terphenyl			*91.0 %*	*67-129*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
Benzene	ND	0.0017	0.0043	mg/kg	1	B6B0113	04-Feb-16	04-Feb-16	EPA 8260B	
Bromobenzene	ND	0.0017	0.0043	"	"	"	"	"	"	
Bromochloromethane	ND	0.0017	0.0043	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0017	0.0043	"	"	"	"	"	"	
Bromoform	ND	0.0017	0.0043	"	"	"	"	"	"	
Bromomethane	ND	0.0017	0.0043	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0017	0.0043	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0017	0.0043	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0017	0.0043	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0017	0.0043	"	"	"	"	"	"	
Chlorobenzene	ND	0.0017	0.0043	"	"	"	"	"	"	
Chloroethane	ND	0.0017	0.0043	"	"	"	"	"	"	
Chloroform	ND	0.0017	0.0043	"	"	"	"	"	"	
Chloromethane	ND	0.0017	0.0043	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0017	0.0043	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0017	0.0043	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0017	0.0043	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0017	0.0043	"	"	"	"	"	"	
Dibromomethane	ND	0.0017	0.0043	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0017	0.0043	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0017	0.0043	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0017	0.0043	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0017	0.0043	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0017	0.0043	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0017	0.0043	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0017	0.0043	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.0017	0.0043	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP4-2@10'

1600510-20 (Solid)

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
trans-1,2-Dichloroethene	ND	0.0017	0.0043	mg/kg	1	B6B0113	04-Feb-16	04-Feb-16	EPA 8260B	
1,2-Dichloropropane	ND	0.0017	0.0043	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0017	0.0043	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0017	0.0043	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0017	0.0043	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0017	0.0043	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0017	0.0043	"	"	"	"	"	"	
Ethylbenzene	ND	0.0017	0.0043	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0017	0.0043	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0017	0.0043	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0017	0.0043	"	"	"	"	"	"	
4-Isopropyl Toluene	ND	0.0017	0.0043	"	"	"	"	"	"	
Methylene chloride	ND	0.0017	0.0043	"	"	"	"	"	"	
Naphthalene	**0.0036**	0.0017	0.0043	"	"	"	"	"	"	J
n-Propylbenzene	ND	0.0017	0.0043	"	"	"	"	"	"	
Styrene	ND	0.0017	0.0043	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0017	0.0043	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0017	0.0043	"	"	"	"	"	"	
Tetrachloroethene (PCE)	ND	0.0017	0.0043	"	"	"	"	"	"	
Toluene	ND	0.0017	0.0043	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0017	0.0043	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0017	0.0043	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0017	0.0043	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0017	0.0043	"	"	"	"	"	"	
Trichloroethene (TCE)	ND	0.0017	0.0043	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0017	0.0043	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0017	0.0043	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**0.0079**	0.0017	0.0043	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**0.0070**	0.0017	0.0043	"	"	"	"	"	"	
Vinyl chloride	ND	0.0017	0.0043	"	"	"	"	"	"	
Xylenes (total)	**0.0017**	0.0017	0.0043	"	"	"	"	"	"	J
t-Amyl Methyl Ether	ND	0.0017	0.0043	"	"	"	"	"	"	
t-Butyl alcohol	ND	0.0085	0.021	"	"	"	"	"	"	
Diisopropyl Ether	ND	0.0017	0.0043	"	"	"	"	"	"	
Ethanol	ND	1.7	4.3	"	"	"	"	"	"	
Ethyl t-Butyl Ether	ND	0.0017	0.0043	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP4-2@10'

1600510-20 (Solid)

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Methyl-t-butyl ether	ND	0.0017	0.0043	mg/kg	1	B6B0113	04-Feb-16	04-Feb-16	EPA 8260B	
Surrogate: Dibromofluoromethane			*108 %*	*87-125*		"	"	"	"	
Surrogate: Toluene-d8			*99.8 %*	*75-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*97.7 %*	*65-127*		"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP4-3@15'

1600510-21 (Solid)

Oilfield Environmental and Compliance

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TVPH by GC FID										
TPH Gasoline (C4-C12)	**500**	15	76	mg/kg	200	B6B0277	09-Feb-16	10-Feb-16	EPA 8015M	D-04
Surrogate: 4-Bromofluorobenzene			*334 %*	*45-158*		"	"	"	"	*S-02*
TEPH by GC FID										
TPH Diesel (C13-C22)	**180**	7.6	10	mg/kg	1	B6B0118	04-Feb-16	04-Feb-16	EPA 8015M	D-05
TPH Motor Oil (C23-C40)	ND	40	50	"	"	"	"	"	"	
Surrogate: o-Terphenyl			*94.2 %*	*67-129*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										**R-06**
Benzene	ND	0.37	0.91	mg/kg	1000	B6B0230	08-Feb-16	09-Feb-16	EPA 8260B	
Bromobenzene	ND	0.37	0.91	"	"	"	"	"	"	
Bromochloromethane	ND	0.37	0.91	"	"	"	"	"	"	
Bromodichloromethane	ND	0.37	0.91	"	"	"	"	"	"	
Bromoform	ND	0.37	0.91	"	"	"	"	"	"	
Bromomethane	ND	0.37	0.91	"	"	"	"	"	"	
n-Butylbenzene	**9.2**	0.37	0.91	"	"	"	"	"	"	
sec-Butylbenzene	**4.4**	0.37	0.91	"	"	"	"	"	"	
tert-Butylbenzene	**0.43**	0.37	0.91	"	"	"	"	"	"	J
Carbon tetrachloride	ND	0.37	0.91	"	"	"	"	"	"	
Chlorobenzene	ND	0.37	0.91	"	"	"	"	"	"	
Chloroethane	ND	0.37	0.91	"	"	"	"	"	"	
Chloroform	ND	0.37	0.91	"	"	"	"	"	"	
Chloromethane	ND	0.37	0.91	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.37	0.91	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.37	0.91	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.37	0.91	"	"	"	"	"	"	
Dibromochloromethane	ND	0.37	0.91	"	"	"	"	"	"	
Dibromomethane	ND	0.37	0.91	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.37	0.91	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.37	0.91	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.37	0.91	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.37	0.91	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.37	0.91	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.37	0.91	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.37	0.91	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.37	0.91	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP4-3@15'

1600510-21 (Solid)

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B **R-06**

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
trans-1,2-Dichloroethene	ND	0.37	0.91	mg/kg	1000	B6B0230	08-Feb-16	09-Feb-16	EPA 8260B	
1,2-Dichloropropane	ND	0.37	0.91	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.37	0.91	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.37	0.91	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.37	0.91	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.37	0.91	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.37	0.91	"	"	"	"	"	"	
Ethylbenzene	**1.7**	0.37	0.91	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.37	0.91	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.37	0.91	"	"	"	"	"	"	
Isopropylbenzene	**5.1**	0.37	0.91	"	"	"	"	"	"	
4-Isopropyl Toluene	**0.38**	0.37	0.91	"	"	"	"	"	"	J
Methylene chloride	ND	0.37	0.91	"	"	"	"	"	"	
Naphthalene	**1.1**	0.37	0.91	"	"	"	"	"	"	
n-Propylbenzene	**18**	0.37	0.91	"	"	"	"	"	"	
Styrene	ND	0.37	0.91	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.37	0.91	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.37	0.91	"	"	"	"	"	"	
Tetrachloroethene (PCE)	ND	0.37	0.91	"	"	"	"	"	"	
Toluene	ND	0.37	0.91	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.37	0.91	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.37	0.91	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.37	0.91	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.37	0.91	"	"	"	"	"	"	
Trichloroethene (TCE)	ND	0.37	0.91	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.37	0.91	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.37	0.91	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.37	0.91	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.37	0.91	"	"	"	"	"	"	
Vinyl chloride	ND	0.37	0.91	"	"	"	"	"	"	
Xylenes (total)	ND	0.37	0.91	"	"	"	"	"	"	
t-Amyl Methyl Ether	ND	0.37	0.91	"	"	"	"	"	"	
t-Butyl alcohol	ND	1.8	4.6	"	"	"	"	"	"	
Diisopropyl Ether	ND	0.37	0.91	"	"	"	"	"	"	
Ethanol	ND	370	910	"	"	"	"	"	"	
Ethyl t-Butyl Ether	ND	0.37	0.91	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP4-3@15'

1600510-21 (Solid)

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B **R-06**

Methyl-t-butyl ether	ND	0.37	0.91	mg/kg	1000	B6B0230	08-Feb-16	09-Feb-16	EPA 8260B	
Surrogate: Dibromofluoromethane			*98.4 %*		*87-125*		"	"	"	"
Surrogate: Toluene-d8			*99.2 %*		*75-120*		"	"	"	"
Surrogate: 4-Bromofluorobenzene			*99.4 %*		*65-127*		"	"	"	"

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP4-4@20'

1600510-22 (Solid)

Oilfield Environmental and Compliance

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TVPH by GC FID										
TPH Gasoline (C4-C12)	**590**	17	83	mg/kg	200	B6B0277	09-Feb-16	10-Feb-16	EPA 8015M	D-04
Surrogate: 4-Bromofluorobenzene			*259 %*	*45-158*		"	"	"	"	*S-02*
TEPH by GC FID										
TPH Diesel (C13-C22)	**42**	7.6	10	mg/kg	1	B6B0118	04-Feb-16	04-Feb-16	EPA 8015M	D-05
TPH Motor Oil (C23-C40)	ND	40	50	"	"	"	"	"	"	
Surrogate: o-Terphenyl			*92.0 %*	*67-129*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										**R-06**
Benzene	ND	0.40	1.0	mg/kg	1000	B6B0230	08-Feb-16	09-Feb-16	EPA 8260B	
Bromobenzene	ND	0.40	1.0	"	"	"	"	"	"	
Bromochloromethane	ND	0.40	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	0.40	1.0	"	"	"	"	"	"	
Bromoform	ND	0.40	1.0	"	"	"	"	"	"	
Bromomethane	ND	0.40	1.0	"	"	"	"	"	"	
n-Butylbenzene	**10**	0.40	1.0	"	"	"	"	"	"	
sec-Butylbenzene	**3.0**	0.40	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.40	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.40	1.0	"	"	"	"	"	"	
Chlorobenzene	ND	0.40	1.0	"	"	"	"	"	"	
Chloroethane	ND	0.40	1.0	"	"	"	"	"	"	
Chloroform	ND	0.40	1.0	"	"	"	"	"	"	
Chloromethane	ND	0.40	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.40	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.40	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.40	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	0.40	1.0	"	"	"	"	"	"	
Dibromomethane	ND	0.40	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.40	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.40	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.40	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.40	1.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.40	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	1.0	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP4-4@20'

1600510-22 (Solid)

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B **R-06**

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
trans-1,2-Dichloroethene	ND	0.40	1.0	mg/kg	1000	B6B0230	08-Feb-16	09-Feb-16	EPA 8260B	
1,2-Dichloropropane	ND	0.40	1.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.40	1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.40	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.40	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.40	1.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.40	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.40	1.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.40	1.0	"	"	"	"	"	"	
Isopropylbenzene	**1.6**	0.40	1.0	"	"	"	"	"	"	
4-Isopropyl Toluene	ND	0.40	1.0	"	"	"	"	"	"	
Methylene chloride	ND	0.40	1.0	"	"	"	"	"	"	
Naphthalene	ND	0.40	1.0	"	"	"	"	"	"	
n-Propylbenzene	**6.4**	0.40	1.0	"	"	"	"	"	"	
Styrene	ND	0.40	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	1.0	"	"	"	"	"	"	
Tetrachloroethene (PCE)	ND	0.40	1.0	"	"	"	"	"	"	
Toluene	ND	0.40	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.40	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.40	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	1.0	"	"	"	"	"	"	
Trichloroethene (TCE)	ND	0.40	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.40	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.40	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.40	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.40	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	0.40	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	0.40	1.0	"	"	"	"	"	"	
t-Amyl Methyl Ether	ND	0.40	1.0	"	"	"	"	"	"	
t-Butyl alcohol	ND	2.0	5.1	"	"	"	"	"	"	
Diisopropyl Ether	ND	0.40	1.0	"	"	"	"	"	"	
Ethanol	ND	400	1000	"	"	"	"	"	"	
Ethyl t-Butyl Ether	ND	0.40	1.0	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP4-4@20'

1600510-22 (Solid)

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B **R-06**

Methyl-t-butyl ether	ND	0.40	1.0	mg/kg	1000	B6B0230	08-Feb-16	09-Feb-16	EPA 8260B	
Surrogate: Dibromofluoromethane			*100 %*	*87-125*		"	"	"	"	
Surrogate: Toluene-d8			*105 %*	*75-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*100 %*	*65-127*		"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP4-5@25'

1600510-23 (Solid)

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Oilfield Environmental and Compliance										
TVPH by GC FID										
TPH Gasoline (C4-C12)	**1.8**	0.090	0.45	mg/kg	1	B6B0264	09-Feb-16	09-Feb-16	EPA 8015M	
Surrogate: 4-Bromofluorobenzene			*134 %*	*45-158*		"	"	"	"	
TEPH by GC FID										
TPH Diesel (C13-C22)	**15**	7.6	10	mg/kg	1	B6B0118	04-Feb-16	04-Feb-16	EPA 8015M	
TPH Motor Oil (C23-C40)	ND	40	50	"	"	"	"	"	"	
Surrogate: o-Terphenyl			*92.1 %*	*67-129*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
Benzene	ND	0.0016	0.0041	mg/kg	1	B6B0113	04-Feb-16	04-Feb-16	EPA 8260B	
Bromobenzene	ND	0.0016	0.0041	"	"	"	"	"	"	
Bromochloromethane	ND	0.0016	0.0041	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0016	0.0041	"	"	"	"	"	"	
Bromoform	ND	0.0016	0.0041	"	"	"	"	"	"	
Bromomethane	ND	0.0016	0.0041	"	"	"	"	"	"	
n-Butylbenzene	**0.0026**	0.0016	0.0041	"	"	"	"	"	"	J
sec-Butylbenzene	ND	0.0016	0.0041	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0016	0.0041	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0016	0.0041	"	"	"	"	"	"	
Chlorobenzene	ND	0.0016	0.0041	"	"	"	"	"	"	
Chloroethane	ND	0.0016	0.0041	"	"	"	"	"	"	
Chloroform	ND	0.0016	0.0041	"	"	"	"	"	"	
Chloromethane	ND	0.0016	0.0041	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0016	0.0041	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0016	0.0041	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0016	0.0041	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0016	0.0041	"	"	"	"	"	"	
Dibromomethane	ND	0.0016	0.0041	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0016	0.0041	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0016	0.0041	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0016	0.0041	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0016	0.0041	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0016	0.0041	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0016	0.0041	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0016	0.0041	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.0016	0.0041	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP4-5@25'

1600510-23 (Solid)

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
trans-1,2-Dichloroethene	ND	0.0016	0.0041	mg/kg	1	B6B0113	04-Feb-16	04-Feb-16	EPA 8260B	
1,2-Dichloropropane	ND	0.0016	0.0041	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0016	0.0041	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0016	0.0041	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0016	0.0041	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0016	0.0041	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0016	0.0041	"	"	"	"	"	"	
Ethylbenzene	ND	0.0016	0.0041	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0016	0.0041	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0016	0.0041	"	"	"	"	"	"	
Isopropylbenzene	**0.0033**	0.0016	0.0041	"	"	"	"	"	"	J
4-Isopropyl Toluene	ND	0.0016	0.0041	"	"	"	"	"	"	
Methylene chloride	ND	0.0016	0.0041	"	"	"	"	"	"	
Naphthalene	ND	0.0016	0.0041	"	"	"	"	"	"	
n-Propylbenzene	**0.0072**	0.0016	0.0041	"	"	"	"	"	"	
Styrene	ND	0.0016	0.0041	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0016	0.0041	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0016	0.0041	"	"	"	"	"	"	
Tetrachloroethene (PCE)	ND	0.0016	0.0041	"	"	"	"	"	"	
Toluene	ND	0.0016	0.0041	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0016	0.0041	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0016	0.0041	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0016	0.0041	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0016	0.0041	"	"	"	"	"	"	
Trichloroethene (TCE)	ND	0.0016	0.0041	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0016	0.0041	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0016	0.0041	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0016	0.0041	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0016	0.0041	"	"	"	"	"	"	
Vinyl chloride	ND	0.0016	0.0041	"	"	"	"	"	"	
Xylenes (total)	ND	0.0016	0.0041	"	"	"	"	"	"	
t-Amyl Methyl Ether	ND	0.0016	0.0041	"	"	"	"	"	"	
t-Butyl alcohol	ND	0.0081	0.020	"	"	"	"	"	"	
Diisopropyl Ether	ND	0.0016	0.0041	"	"	"	"	"	"	
Ethanol	ND	1.6	4.1	"	"	"	"	"	"	
Ethyl t-Butyl Ether	ND	0.0016	0.0041	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP4-5@25'

1600510-23 (Solid)

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Methyl-t-butyl ether	ND	0.0016	0.0041	mg/kg	1	B6B0113	04-Feb-16	04-Feb-16	EPA 8260B	
Surrogate: Dibromofluoromethane			*107 %*	*87-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*97.2 %*	*65-127*		"	"	"	"	
Surrogate: Toluene-d8			*100 %*	*75-120*		"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP4-6@30'

1600510-24 (Solid)

Oilfield Environmental and Compliance

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TVPH by GC FID										
TPH Gasoline (C4-C12)	ND	0.083	0.41	mg/kg	1	B6B0264	09-Feb-16	09-Feb-16	EPA 8015M	
Surrogate: 4-Bromofluorobenzene			*108 %*	*45-158*		"	"	"	"	
TEPH by GC FID										
TPH Diesel (C13-C22)	**8.2**	7.6	10	mg/kg	1	B6B0118	04-Feb-16	04-Feb-16	EPA 8015M	J
TPH Motor Oil (C23-C40)	ND	40	50	"	"	"	"	"	"	
Surrogate: o-Terphenyl			*93.2 %*	*67-129*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
Benzene	ND	0.0016	0.0040	mg/kg	1	B6B0113	04-Feb-16	04-Feb-16	EPA 8260B	
Bromobenzene	ND	0.0016	0.0040	"	"	"	"	"	"	
Bromochloromethane	ND	0.0016	0.0040	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0016	0.0040	"	"	"	"	"	"	
Bromoform	ND	0.0016	0.0040	"	"	"	"	"	"	
Bromomethane	ND	0.0016	0.0040	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0016	0.0040	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0016	0.0040	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0016	0.0040	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0016	0.0040	"	"	"	"	"	"	
Chlorobenzene	ND	0.0016	0.0040	"	"	"	"	"	"	
Chloroethane	ND	0.0016	0.0040	"	"	"	"	"	"	
Chloroform	ND	0.0016	0.0040	"	"	"	"	"	"	
Chloromethane	ND	0.0016	0.0040	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0016	0.0040	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0016	0.0040	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0016	0.0040	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0016	0.0040	"	"	"	"	"	"	
Dibromomethane	ND	0.0016	0.0040	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0016	0.0040	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0016	0.0040	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0016	0.0040	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0016	0.0040	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0016	0.0040	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0016	0.0040	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0016	0.0040	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.0016	0.0040	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP4-6@30'

1600510-24 (Solid)

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
trans-1,2-Dichloroethene	ND	0.0016	0.0040	mg/kg	1	B6B0113	04-Feb-16	04-Feb-16	EPA 8260B	
1,2-Dichloropropane	ND	0.0016	0.0040	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0016	0.0040	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0016	0.0040	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0016	0.0040	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0016	0.0040	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0016	0.0040	"	"	"	"	"	"	
Ethylbenzene	ND	0.0016	0.0040	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0016	0.0040	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0016	0.0040	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0016	0.0040	"	"	"	"	"	"	
4-Isopropyl Toluene	ND	0.0016	0.0040	"	"	"	"	"	"	
Methylene chloride	ND	0.0016	0.0040	"	"	"	"	"	"	
Naphthalene	ND	0.0016	0.0040	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0016	0.0040	"	"	"	"	"	"	
Styrene	ND	0.0016	0.0040	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0016	0.0040	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0016	0.0040	"	"	"	"	"	"	
Tetrachloroethene (PCE)	ND	0.0016	0.0040	"	"	"	"	"	"	
Toluene	ND	0.0016	0.0040	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0016	0.0040	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0016	0.0040	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0016	0.0040	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0016	0.0040	"	"	"	"	"	"	
Trichloroethene (TCE)	ND	0.0016	0.0040	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0016	0.0040	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0016	0.0040	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0016	0.0040	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0016	0.0040	"	"	"	"	"	"	
Vinyl chloride	ND	0.0016	0.0040	"	"	"	"	"	"	
Xylenes (total)	ND	0.0016	0.0040	"	"	"	"	"	"	
t-Amyl Methyl Ether	ND	0.0016	0.0040	"	"	"	"	"	"	
t-Butyl alcohol	ND	0.0081	0.020	"	"	"	"	"	"	
Diisopropyl Ether	ND	0.0016	0.0040	"	"	"	"	"	"	
Ethanol	ND	1.6	4.0	"	"	"	"	"	"	
Ethyl t-Butyl Ether	ND	0.0016	0.0040	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP4-6@30'

1600510-24 (Solid)

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B

Methyl-t-butyl ether	ND	0.0016	0.0040	mg/kg	1	B6B0113	04-Feb-16	04-Feb-16	EPA 8260B	
Surrogate: Dibromofluoromethane			*103 %*	*87-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*95.0 %*	*65-127*		"	"	"	"	
Surrogate: Toluene-d8			*99.1 %*	*75-120*		"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP5-1@5'

1600510-25 (Solid)

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Oilfield Environmental and Compliance										
TVPH by GC FID										
TPH Gasoline (C4-C12)	ND	0.078	0.39	mg/kg	1	B6B0264	09-Feb-16	09-Feb-16	EPA 8015M	
Surrogate: 4-Bromofluorobenzene			*106 %*	*45-158*		"	"	"	"	
TEPH by GC FID										
TPH Diesel (C13-C22)	ND	7.6	10	mg/kg	1	B6B0118	04-Feb-16	04-Feb-16	EPA 8015M	
TPH Motor Oil (C23-C40)	ND	40	50	"	"	"	"	"	"	
Surrogate: o-Terphenyl			*91.9 %*	*67-129*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
Benzene	ND	0.0016	0.0041	mg/kg	1	B6B0113	04-Feb-16	04-Feb-16	EPA 8260B	
Bromobenzene	ND	0.0016	0.0041	"	"	"	"	"	"	
Bromochloromethane	ND	0.0016	0.0041	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0016	0.0041	"	"	"	"	"	"	
Bromoform	ND	0.0016	0.0041	"	"	"	"	"	"	
Bromomethane	ND	0.0016	0.0041	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0016	0.0041	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0016	0.0041	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0016	0.0041	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0016	0.0041	"	"	"	"	"	"	
Chlorobenzene	ND	0.0016	0.0041	"	"	"	"	"	"	
Chloroethane	ND	0.0016	0.0041	"	"	"	"	"	"	
Chloroform	ND	0.0016	0.0041	"	"	"	"	"	"	
Chloromethane	ND	0.0016	0.0041	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0016	0.0041	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0016	0.0041	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0016	0.0041	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0016	0.0041	"	"	"	"	"	"	
Dibromomethane	ND	0.0016	0.0041	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0016	0.0041	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0016	0.0041	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0016	0.0041	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0016	0.0041	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0016	0.0041	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0016	0.0041	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0016	0.0041	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.0016	0.0041	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP5-1@5'

1600510-25 (Solid)

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
trans-1,2-Dichloroethene	ND	0.0016	0.0041	mg/kg	1	B6B0113	04-Feb-16	04-Feb-16	EPA 8260B	
1,2-Dichloropropane	ND	0.0016	0.0041	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0016	0.0041	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0016	0.0041	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0016	0.0041	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0016	0.0041	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0016	0.0041	"	"	"	"	"	"	
Ethylbenzene	ND	0.0016	0.0041	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0016	0.0041	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0016	0.0041	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0016	0.0041	"	"	"	"	"	"	
4-Isopropyl Toluene	ND	0.0016	0.0041	"	"	"	"	"	"	
Methylene chloride	ND	0.0016	0.0041	"	"	"	"	"	"	
Naphthalene	ND	0.0016	0.0041	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0016	0.0041	"	"	"	"	"	"	
Styrene	ND	0.0016	0.0041	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0016	0.0041	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0016	0.0041	"	"	"	"	"	"	
Tetrachloroethene (PCE)	ND	0.0016	0.0041	"	"	"	"	"	"	
Toluene	ND	0.0016	0.0041	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0016	0.0041	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0016	0.0041	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0016	0.0041	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0016	0.0041	"	"	"	"	"	"	
Trichloroethene (TCE)	ND	0.0016	0.0041	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0016	0.0041	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0016	0.0041	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0016	0.0041	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0016	0.0041	"	"	"	"	"	"	
Vinyl chloride	ND	0.0016	0.0041	"	"	"	"	"	"	
Xylenes (total)	ND	0.0016	0.0041	"	"	"	"	"	"	
t-Amyl Methyl Ether	ND	0.0016	0.0041	"	"	"	"	"	"	
t-Butyl alcohol	ND	0.0081	0.020	"	"	"	"	"	"	
Diisopropyl Ether	ND	0.0016	0.0041	"	"	"	"	"	"	
Ethanol	ND	1.6	4.1	"	"	"	"	"	"	
Ethyl t-Butyl Ether	ND	0.0016	0.0041	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP5-1@5'

1600510-25 (Solid)

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Methyl-t-butyl ether	ND	0.0016	0.0041	mg/kg	1	B6B0113	04-Feb-16	04-Feb-16	EPA 8260B	
Surrogate: Dibromofluoromethane			*104 %*	*87-125*		"	"	"	"	
Surrogate: Toluene-d8			*97.3 %*	*75-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*86.5 %*	*65-127*		"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP5-2@10'

1600510-26 (Solid)

Oilfield Environmental and Compliance

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TVPH by GC FID										
TPH Gasoline (C4-C12)	ND	0.087	0.43	mg/kg	1	B6B0264	09-Feb-16	09-Feb-16	EPA 8015M	
Surrogate: 4-Bromofluorobenzene			*109 %*	*45-158*		"	"	"	"	
TEPH by GC FID										
TPH Diesel (C13-C22)	**7.7**	7.6	10	mg/kg	1	B6B0118	04-Feb-16	04-Feb-16	EPA 8015M	J
TPH Motor Oil (C23-C40)	ND	40	50	"	"	"	"	"	"	
Surrogate: o-Terphenyl			*89.5 %*	*67-129*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
Benzene	ND	0.0017	0.0041	mg/kg	1	B6B0113	04-Feb-16	04-Feb-16	EPA 8260B	
Bromobenzene	ND	0.0017	0.0041	"	"	"	"	"	"	
Bromochloromethane	ND	0.0017	0.0041	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0017	0.0041	"	"	"	"	"	"	
Bromoform	ND	0.0017	0.0041	"	"	"	"	"	"	
Bromomethane	ND	0.0017	0.0041	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0017	0.0041	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0017	0.0041	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0017	0.0041	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0017	0.0041	"	"	"	"	"	"	
Chlorobenzene	ND	0.0017	0.0041	"	"	"	"	"	"	
Chloroethane	ND	0.0017	0.0041	"	"	"	"	"	"	
Chloroform	ND	0.0017	0.0041	"	"	"	"	"	"	
Chloromethane	ND	0.0017	0.0041	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0017	0.0041	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0017	0.0041	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0017	0.0041	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0017	0.0041	"	"	"	"	"	"	
Dibromomethane	ND	0.0017	0.0041	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0017	0.0041	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0017	0.0041	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0017	0.0041	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0017	0.0041	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0017	0.0041	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0017	0.0041	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0017	0.0041	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.0017	0.0041	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP5-2@10'

1600510-26 (Solid)

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
trans-1,2-Dichloroethene	ND	0.0017	0.0041	mg/kg	1	B6B0113	04-Feb-16	04-Feb-16	EPA 8260B	
1,2-Dichloropropane	ND	0.0017	0.0041	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0017	0.0041	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0017	0.0041	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0017	0.0041	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0017	0.0041	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0017	0.0041	"	"	"	"	"	"	
Ethylbenzene	ND	0.0017	0.0041	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0017	0.0041	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0017	0.0041	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0017	0.0041	"	"	"	"	"	"	
4-Isopropyl Toluene	ND	0.0017	0.0041	"	"	"	"	"	"	
Methylene chloride	ND	0.0017	0.0041	"	"	"	"	"	"	
Naphthalene	ND	0.0017	0.0041	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0017	0.0041	"	"	"	"	"	"	
Styrene	ND	0.0017	0.0041	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0017	0.0041	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0017	0.0041	"	"	"	"	"	"	
Tetrachloroethene (PCE)	ND	0.0017	0.0041	"	"	"	"	"	"	
Toluene	ND	0.0017	0.0041	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0017	0.0041	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0017	0.0041	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0017	0.0041	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0017	0.0041	"	"	"	"	"	"	
Trichloroethene (TCE)	ND	0.0017	0.0041	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0017	0.0041	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0017	0.0041	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0017	0.0041	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0017	0.0041	"	"	"	"	"	"	
Vinyl chloride	ND	0.0017	0.0041	"	"	"	"	"	"	
Xylenes (total)	ND	0.0017	0.0041	"	"	"	"	"	"	
t-Amyl Methyl Ether	ND	0.0017	0.0041	"	"	"	"	"	"	
t-Butyl alcohol	ND	0.0083	0.021	"	"	"	"	"	"	
Diisopropyl Ether	ND	0.0017	0.0041	"	"	"	"	"	"	
Ethanol	ND	1.7	4.1	"	"	"	"	"	"	
Ethyl t-Butyl Ether	ND	0.0017	0.0041	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP5-2@10'

1600510-26 (Solid)

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B

Methyl-t-butyl ether	ND	0.0017	0.0041	mg/kg	1	B6B0113	04-Feb-16	04-Feb-16	EPA 8260B	
Surrogate: Dibromofluoromethane			*105 %*	*87-125*		"	"	"	"	
Surrogate: Toluene-d8			*99.2 %*	*75-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*101 %*	*65-127*		"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP5-3@15'

1600510-27 (Solid)

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Oilfield Environmental and Compliance										
TVPH by GC FID										
TPH Gasoline (C4-C12)	ND	0.092	0.46	mg/kg	1	B6B0264	09-Feb-16	10-Feb-16	EPA 8015M	
Surrogate: 4-Bromofluorobenzene			*107 %*	*45-158*		"	"	"	"	
TEPH by GC FID										
TPH Diesel (C13-C22)	**8.3**	7.6	10	mg/kg	1	B6B0118	04-Feb-16	04-Feb-16	EPA 8015M	J
TPH Motor Oil (C23-C40)	ND	40	50	"	"	"	"	"	"	
Surrogate: o-Terphenyl			*90.4 %*	*67-129*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
Benzene	ND	0.0016	0.0041	mg/kg	1	B6B0113	04-Feb-16	04-Feb-16	EPA 8260B	
Bromobenzene	ND	0.0016	0.0041	"	"	"	"	"	"	
Bromochloromethane	ND	0.0016	0.0041	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0016	0.0041	"	"	"	"	"	"	
Bromoform	ND	0.0016	0.0041	"	"	"	"	"	"	
Bromomethane	ND	0.0016	0.0041	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0016	0.0041	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0016	0.0041	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0016	0.0041	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0016	0.0041	"	"	"	"	"	"	
Chlorobenzene	ND	0.0016	0.0041	"	"	"	"	"	"	
Chloroethane	ND	0.0016	0.0041	"	"	"	"	"	"	
Chloroform	ND	0.0016	0.0041	"	"	"	"	"	"	
Chloromethane	ND	0.0016	0.0041	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0016	0.0041	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0016	0.0041	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0016	0.0041	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0016	0.0041	"	"	"	"	"	"	
Dibromomethane	ND	0.0016	0.0041	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0016	0.0041	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0016	0.0041	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0016	0.0041	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0016	0.0041	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0016	0.0041	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0016	0.0041	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0016	0.0041	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.0016	0.0041	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP5-3@15'

1600510-27 (Solid)

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
trans-1,2-Dichloroethene	ND	0.0016	0.0041	mg/kg	1	B6B0113	04-Feb-16	04-Feb-16	EPA 8260B	
1,2-Dichloropropane	ND	0.0016	0.0041	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0016	0.0041	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0016	0.0041	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0016	0.0041	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0016	0.0041	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0016	0.0041	"	"	"	"	"	"	
Ethylbenzene	ND	0.0016	0.0041	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0016	0.0041	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0016	0.0041	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0016	0.0041	"	"	"	"	"	"	
4-Isopropyl Toluene	ND	0.0016	0.0041	"	"	"	"	"	"	
Methylene chloride	ND	0.0016	0.0041	"	"	"	"	"	"	
Naphthalene	ND	0.0016	0.0041	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0016	0.0041	"	"	"	"	"	"	
Styrene	ND	0.0016	0.0041	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0016	0.0041	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0016	0.0041	"	"	"	"	"	"	
Tetrachloroethene (PCE)	ND	0.0016	0.0041	"	"	"	"	"	"	
Toluene	ND	0.0016	0.0041	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0016	0.0041	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0016	0.0041	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0016	0.0041	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0016	0.0041	"	"	"	"	"	"	
Trichloroethene (TCE)	ND	0.0016	0.0041	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0016	0.0041	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0016	0.0041	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0016	0.0041	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0016	0.0041	"	"	"	"	"	"	
Vinyl chloride	ND	0.0016	0.0041	"	"	"	"	"	"	
Xylenes (total)	ND	0.0016	0.0041	"	"	"	"	"	"	
t-Amyl Methyl Ether	ND	0.0016	0.0041	"	"	"	"	"	"	
t-Butyl alcohol	ND	0.0082	0.020	"	"	"	"	"	"	
Diisopropyl Ether	ND	0.0016	0.0041	"	"	"	"	"	"	
Ethanol	ND	1.6	4.1	"	"	"	"	"	"	
Ethyl t-Butyl Ether	ND	0.0016	0.0041	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP5-3@15'

1600510-27 (Solid)

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B

Methyl-t-butyl ether	ND	0.0016	0.0041	mg/kg	1	B6B0113	04-Feb-16	04-Feb-16	EPA 8260B	
Surrogate: Dibromofluoromethane			*107 %*	*87-125*		"	"	"	"	
Surrogate: Toluene-d8			*99.0 %*	*75-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*101 %*	*65-127*		"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP5-4@20'

1600510-28 (Solid)

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Oilfield Environmental and Compliance										
TVPH by GC FID										**NH**
TPH Gasoline (C4-C12)	ND	0.45	2.2	mg/kg	1	B6B0308	10-Feb-16	10-Feb-16	EPA 8015M	
Surrogate: 4-Bromofluorobenzene			*105 %*	*45-158*		"	"	"	"	
TEPH by GC FID										
TPH Diesel (C13-C22)	**7.9**	7.6	10	mg/kg	1	B6B0118	04-Feb-16	04-Feb-16	EPA 8015M	J
TPH Motor Oil (C23-C40)	ND	40	50	"	"	"	"	"	"	
Surrogate: o-Terphenyl			*91.2 %*	*67-129*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
Benzene	ND	0.0017	0.0043	mg/kg	1	B6B0113	04-Feb-16	04-Feb-16	EPA 8260B	
Bromobenzene	ND	0.0017	0.0043	"	"	"	"	"	"	
Bromochloromethane	ND	0.0017	0.0043	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0017	0.0043	"	"	"	"	"	"	
Bromoform	ND	0.0017	0.0043	"	"	"	"	"	"	
Bromomethane	ND	0.0017	0.0043	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0017	0.0043	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0017	0.0043	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0017	0.0043	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0017	0.0043	"	"	"	"	"	"	
Chlorobenzene	ND	0.0017	0.0043	"	"	"	"	"	"	
Chloroethane	ND	0.0017	0.0043	"	"	"	"	"	"	
Chloroform	ND	0.0017	0.0043	"	"	"	"	"	"	
Chloromethane	ND	0.0017	0.0043	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0017	0.0043	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0017	0.0043	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0017	0.0043	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0017	0.0043	"	"	"	"	"	"	
Dibromomethane	ND	0.0017	0.0043	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0017	0.0043	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0017	0.0043	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0017	0.0043	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0017	0.0043	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0017	0.0043	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0017	0.0043	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0017	0.0043	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.0017	0.0043	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP5-4@20'

1600510-28 (Solid)

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
trans-1,2-Dichloroethene	ND	0.0017	0.0043	mg/kg	1	B6B0113	04-Feb-16	04-Feb-16	EPA 8260B	
1,2-Dichloropropane	ND	0.0017	0.0043	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0017	0.0043	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0017	0.0043	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0017	0.0043	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0017	0.0043	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0017	0.0043	"	"	"	"	"	"	
Ethylbenzene	ND	0.0017	0.0043	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0017	0.0043	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0017	0.0043	"	"	"	"	"	"	
Isopropylbenzene	**0.0036**	0.0017	0.0043	"	"	"	"	"	"	J
4-Isopropyl Toluene	ND	0.0017	0.0043	"	"	"	"	"	"	
Methylene chloride	ND	0.0017	0.0043	"	"	"	"	"	"	
Naphthalene	ND	0.0017	0.0043	"	"	"	"	"	"	
n-Propylbenzene	**0.0042**	0.0017	0.0043	"	"	"	"	"	"	J
Styrene	ND	0.0017	0.0043	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0017	0.0043	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0017	0.0043	"	"	"	"	"	"	
Tetrachloroethene (PCE)	ND	0.0017	0.0043	"	"	"	"	"	"	
Toluene	ND	0.0017	0.0043	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0017	0.0043	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0017	0.0043	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0017	0.0043	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0017	0.0043	"	"	"	"	"	"	
Trichloroethene (TCE)	ND	0.0017	0.0043	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0017	0.0043	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0017	0.0043	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**0.0029**	0.0017	0.0043	"	"	"	"	"	"	J
1,3,5-Trimethylbenzene	ND	0.0017	0.0043	"	"	"	"	"	"	
Vinyl chloride	ND	0.0017	0.0043	"	"	"	"	"	"	
Xylenes (total)	**0.0017**	0.0017	0.0043	"	"	"	"	"	"	J
t-Amyl Methyl Ether	ND	0.0017	0.0043	"	"	"	"	"	"	
t-Butyl alcohol	ND	0.0086	0.021	"	"	"	"	"	"	
Diisopropyl Ether	ND	0.0017	0.0043	"	"	"	"	"	"	
Ethanol	ND	1.7	4.3	"	"	"	"	"	"	
Ethyl t-Butyl Ether	ND	0.0017	0.0043	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP5-4@20'

1600510-28 (Solid)

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B

Methyl-t-butyl ether	ND	0.0017	0.0043	mg/kg	1	B6B0113	04-Feb-16	04-Feb-16	EPA 8260B	
Surrogate: Dibromofluoromethane			*105 %*	*87-125*		"	"	"	"	
Surrogate: Toluene-d8			*99.4 %*	*75-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*102 %*	*65-127*		"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP5-5@25'

1600510-29 (Solid)

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Oilfield Environmental and Compliance										
TVPH by GC FID										
TPH Gasoline (C4-C12)	**110**	16	79	mg/kg	200	B6B0277	09-Feb-16	10-Feb-16	EPA 8015M	
Surrogate: 4-Bromofluorobenzene			*115 %*	*45-158*		"	"	"	"	
TEPH by GC FID										
TPH Diesel (C13-C22)	**12**	7.6	10	mg/kg	1	B6B0118	04-Feb-16	04-Feb-16	EPA 8015M	
TPH Motor Oil (C23-C40)	ND	40	50	"	"	"	"	"	"	
Surrogate: o-Terphenyl			*90.7 %*	*67-129*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
Benzene	ND	0.0014	0.0036	mg/kg	1	B6B0113	04-Feb-16	04-Feb-16	EPA 8260B	
Bromobenzene	ND	0.0014	0.0036	"	"	"	"	"	"	
Bromochloromethane	ND	0.0014	0.0036	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0014	0.0036	"	"	"	"	"	"	
Bromoform	ND	0.0014	0.0036	"	"	"	"	"	"	
Bromomethane	ND	0.0014	0.0036	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0014	0.0036	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0014	0.0036	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0014	0.0036	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0014	0.0036	"	"	"	"	"	"	
Chlorobenzene	ND	0.0014	0.0036	"	"	"	"	"	"	
Chloroethane	ND	0.0014	0.0036	"	"	"	"	"	"	
Chloroform	ND	0.0014	0.0036	"	"	"	"	"	"	
Chloromethane	ND	0.0014	0.0036	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0014	0.0036	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0014	0.0036	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0014	0.0036	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0014	0.0036	"	"	"	"	"	"	
Dibromomethane	ND	0.0014	0.0036	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0014	0.0036	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0014	0.0036	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0014	0.0036	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0014	0.0036	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0014	0.0036	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0014	0.0036	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0014	0.0036	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.0014	0.0036	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP5-5@25'

1600510-29 (Solid)

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
trans-1,2-Dichloroethene	ND	0.0014	0.0036	mg/kg	1	B6B0113	04-Feb-16	04-Feb-16	EPA 8260B	
1,2-Dichloropropane	ND	0.0014	0.0036	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0014	0.0036	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0014	0.0036	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0014	0.0036	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0014	0.0036	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0014	0.0036	"	"	"	"	"	"	
Ethylbenzene	ND	0.0014	0.0036	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0014	0.0036	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0014	0.0036	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0014	0.0036	"	"	"	"	"	"	
4-Isopropyl Toluene	ND	0.0014	0.0036	"	"	"	"	"	"	
Methylene chloride	ND	0.0014	0.0036	"	"	"	"	"	"	
Naphthalene	ND	0.0014	0.0036	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0014	0.0036	"	"	"	"	"	"	
Styrene	ND	0.0014	0.0036	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0014	0.0036	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0014	0.0036	"	"	"	"	"	"	
Tetrachloroethene (PCE)	ND	0.0014	0.0036	"	"	"	"	"	"	
Toluene	ND	0.0014	0.0036	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0014	0.0036	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0014	0.0036	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0014	0.0036	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0014	0.0036	"	"	"	"	"	"	
Trichloroethene (TCE)	ND	0.0014	0.0036	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0014	0.0036	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0014	0.0036	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0014	0.0036	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0014	0.0036	"	"	"	"	"	"	
Vinyl chloride	ND	0.0014	0.0036	"	"	"	"	"	"	
Xylenes (total)	ND	0.0014	0.0036	"	"	"	"	"	"	
t-Amyl Methyl Ether	ND	0.0014	0.0036	"	"	"	"	"	"	
t-Butyl alcohol	ND	0.0071	0.018	"	"	"	"	"	"	
Diisopropyl Ether	ND	0.0014	0.0036	"	"	"	"	"	"	
Ethanol	ND	1.4	3.6	"	"	"	"	"	"	
Ethyl t-Butyl Ether	ND	0.0014	0.0036	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP5-5@25'

1600510-29 (Solid)

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B

Methyl-t-butyl ether	ND	0.0014	0.0036	mg/kg	1	B6B0113	04-Feb-16	04-Feb-16	EPA 8260B	
Surrogate: Dibromofluoromethane			*105 %*	*87-125*		"	"	"	"	
Surrogate: Toluene-d8			*101 %*	*75-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*105 %*	*65-127*		"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP5-6@30'

1600510-30 (Solid)

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Oilfield Environmental and Compliance										
TVPH by GC FID										
TPH Gasoline (C4-C12)	ND	0.098	0.49	mg/kg	1	B6B0308	10-Feb-16	10-Feb-16	EPA 8015M	
Surrogate: 4-Bromofluorobenzene			*105 %*	*45-158*		"	"	"	"	
TEPH by GC FID										
TPH Diesel (C13-C22)	ND	7.6	10	mg/kg	1	B6B0118	04-Feb-16	04-Feb-16	EPA 8015M	
TPH Motor Oil (C23-C40)	ND	40	50	"	"	"	"	"	"	
Surrogate: o-Terphenyl			*92.4 %*	*67-129*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
Benzene	ND	0.0018	0.0045	mg/kg	1	B6B0113	04-Feb-16	04-Feb-16	EPA 8260B	
Bromobenzene	ND	0.0018	0.0045	"	"	"	"	"	"	
Bromochloromethane	ND	0.0018	0.0045	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0018	0.0045	"	"	"	"	"	"	
Bromoform	ND	0.0018	0.0045	"	"	"	"	"	"	
Bromomethane	ND	0.0018	0.0045	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0018	0.0045	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0018	0.0045	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0018	0.0045	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0018	0.0045	"	"	"	"	"	"	
Chlorobenzene	ND	0.0018	0.0045	"	"	"	"	"	"	
Chloroethane	ND	0.0018	0.0045	"	"	"	"	"	"	
Chloroform	ND	0.0018	0.0045	"	"	"	"	"	"	
Chloromethane	ND	0.0018	0.0045	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0018	0.0045	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0018	0.0045	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0018	0.0045	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0018	0.0045	"	"	"	"	"	"	
Dibromomethane	ND	0.0018	0.0045	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0018	0.0045	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0018	0.0045	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0018	0.0045	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0018	0.0045	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0018	0.0045	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0018	0.0045	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0018	0.0045	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.0018	0.0045	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP5-6@30'

1600510-30 (Solid)

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
trans-1,2-Dichloroethene	ND	0.0018	0.0045	mg/kg	1	B6B0113	04-Feb-16	04-Feb-16	EPA 8260B	
1,2-Dichloropropane	ND	0.0018	0.0045	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0018	0.0045	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0018	0.0045	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0018	0.0045	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0018	0.0045	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0018	0.0045	"	"	"	"	"	"	
Ethylbenzene	ND	0.0018	0.0045	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0018	0.0045	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0018	0.0045	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0018	0.0045	"	"	"	"	"	"	
4-Isopropyl Toluene	ND	0.0018	0.0045	"	"	"	"	"	"	
Methylene chloride	ND	0.0018	0.0045	"	"	"	"	"	"	
Naphthalene	ND	0.0018	0.0045	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0018	0.0045	"	"	"	"	"	"	
Styrene	ND	0.0018	0.0045	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0018	0.0045	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0018	0.0045	"	"	"	"	"	"	
Tetrachloroethene (PCE)	ND	0.0018	0.0045	"	"	"	"	"	"	
Toluene	ND	0.0018	0.0045	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0018	0.0045	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0018	0.0045	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0018	0.0045	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0018	0.0045	"	"	"	"	"	"	
Trichloroethene (TCE)	ND	0.0018	0.0045	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0018	0.0045	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0018	0.0045	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0018	0.0045	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0018	0.0045	"	"	"	"	"	"	
Vinyl chloride	ND	0.0018	0.0045	"	"	"	"	"	"	
Xylenes (total)	ND	0.0018	0.0045	"	"	"	"	"	"	
t-Amyl Methyl Ether	ND	0.0018	0.0045	"	"	"	"	"	"	
t-Butyl alcohol	ND	0.0090	0.023	"	"	"	"	"	"	
Diisopropyl Ether	ND	0.0018	0.0045	"	"	"	"	"	"	
Ethanol	ND	1.8	4.5	"	"	"	"	"	"	
Ethyl t-Butyl Ether	ND	0.0018	0.0045	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP5-6@30'

1600510-30 (Solid)

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Methyl-t-butyl ether	ND	0.0018	0.0045	mg/kg	1	B6B0113	04-Feb-16	04-Feb-16	EPA 8260B	
Surrogate: Dibromofluoromethane			*101 %*	*87-125*		"	"	"	"	
Surrogate: Toluene-d8			*99.4 %*	*75-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*104 %*	*65-127*		"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP1-W1

1600510-31 (Ground Water)

Oilfield Environmental and Compliance

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TVPH by GC FID										
TPH Gasoline (C4-C12)	**290**	25	50	ug/L	1	B6B0390	12-Feb-16	13-Feb-16	EPA 8015M	
Surrogate: 4-Bromofluorobenzene			*110 %*	*57-149*		"	"	"	"	
TEPH by GC FID										
TPH Diesel (C13-C22)	**0.081**	0.044	0.054	mg/L	1	B6B0242	09-Feb-16	09-Feb-16	EPA 8015M	
TPH Motor Oil (C23-C40)	ND	0.054	0.11	"	"	"	"	"	"	
Surrogate: o-Terphenyl			*107 %*	*51-151*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
Benzene	ND	0.25	0.50	ug/L	1	B6B0166	05-Feb-16	05-Feb-16	EPA 8260B	
Bromobenzene	ND	0.25	0.50	"	"	"	"	"	"	
Bromochloromethane	ND	0.25	0.50	"	"	"	"	"	"	
Bromodichloromethane	ND	0.25	0.50	"	"	"	"	"	"	
Bromoform	ND	0.25	0.50	"	"	"	"	"	"	
Bromomethane	ND	0.25	0.50	"	"	"	"	"	"	
n-Butylbenzene	**3.4**	0.25	0.50	"	"	"	"	"	"	
sec-Butylbenzene	**1.8**	0.25	0.50	"	"	"	"	"	"	
tert-Butylbenzene	**0.45**	0.25	0.50	"	"	"	"	"	"	J
Carbon tetrachloride	ND	0.25	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	0.25	0.50	"	"	"	"	"	"	
Chloroethane	ND	0.25	0.50	"	"	"	"	"	"	
Chloroform	ND	0.25	0.50	"	"	"	"	"	"	
Chloromethane	ND	0.25	0.50	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.25	0.50	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.25	0.50	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.75	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	0.25	0.50	"	"	"	"	"	"	
Dibromomethane	ND	0.25	0.50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.25	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.25	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.25	0.50	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.26	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.25	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.25	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.25	0.50	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.25	0.50	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP1-W1

1600510-31 (Ground Water)

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
trans-1,2-Dichloroethene	ND	0.25	0.50	ug/L	1	B6B0166	05-Feb-16	05-Feb-16	EPA 8260B	
1,2-Dichloropropane	ND	0.25	0.50	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.25	0.50	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.25	0.50	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.25	0.50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.25	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.25	0.50	"	"	"	"	"	"	
Ethylbenzene	**0.33**	0.25	0.50	"	"	"	"	"	"	J
1,2-Dibromoethane (EDB)	ND	0.25	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.25	0.50	"	"	"	"	"	"	
Isopropylbenzene	**2.0**	0.25	0.50	"	"	"	"	"	"	
4-Isopropyl Toluene	ND	0.25	0.50	"	"	"	"	"	"	
Methylene chloride	ND	0.50	1.0	"	"	"	"	"	"	
Naphthalene	**2.0**	0.25	0.50	"	"	"	"	"	"	
n-Propylbenzene	**6.8**	0.25	0.50	"	"	"	"	"	"	
Styrene	ND	0.25	0.50	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.25	0.50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.25	0.50	"	"	"	"	"	"	
Tetrachloroethene (PCE)	ND	0.25	0.50	"	"	"	"	"	"	
Toluene	ND	0.25	0.50	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.25	0.50	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.25	0.50	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.25	0.50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.25	0.50	"	"	"	"	"	"	
Trichloroethene (TCE)	ND	0.25	0.50	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.25	0.50	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.25	0.50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**0.44**	0.25	0.50	"	"	"	"	"	"	J
1,3,5-Trimethylbenzene	ND	0.25	0.50	"	"	"	"	"	"	
Vinyl chloride	ND	0.25	0.50	"	"	"	"	"	"	
Xylenes (total)	**0.29**	0.27	0.50	"	"	"	"	"	"	J
t-Amyl Methyl Ether	ND	0.25	0.50	"	"	"	"	"	"	
t-Butyl alcohol	ND	2.5	10	"	"	"	"	"	"	
Diisopropyl Ether	ND	0.25	0.50	"	"	"	"	"	"	
Ethanol	ND	250	500	"	"	"	"	"	"	
Ethyl t-Butyl Ether	ND	0.25	0.50	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP1-W1

1600510-31 (Ground Water)

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Oilfield Environmental and Compliance										
Volatile Organic Compounds by EPA Method 8260B										
Methyl-t-butyl ether	**0.36**	0.25	0.50	ug/L	1	B6B0166	05-Feb-16	05-Feb-16	EPA 8260B	J
Surrogate: Dibromofluoromethane			*89.1 %*	*83-131*		"	"	"	"	
Surrogate: Toluene-d8			*95.4 %*	*78-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*95.8 %*	*78-134*		"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP2-W1

1600510-32 (Ground Water)

Oilfield Environmental and Compliance

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TVPH by GC FID										
TPH Gasoline (C4-C12)	**400**	25	50	ug/L	1	B6B0390	12-Feb-16	13-Feb-16	EPA 8015M	
Surrogate: 4-Bromofluorobenzene			*105 %*	*57-149*		"	"	"	"	
TEPH by GC FID										
TPH Diesel (C13-C22)	**0.065**	0.043	0.053	mg/L	1	B6B0242	09-Feb-16	09-Feb-16	EPA 8015M	
TPH Motor Oil (C23-C40)	ND	0.053	0.11	"	"	"	"	"	"	
Surrogate: o-Terphenyl			*106 %*	*51-151*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
Benzene	ND	0.25	0.50	ug/L	1	B6B0166	05-Feb-16	05-Feb-16	EPA 8260B	
Bromobenzene	ND	0.25	0.50	"	"	"	"	"	"	
Bromochloromethane	ND	0.25	0.50	"	"	"	"	"	"	
Bromodichloromethane	ND	0.25	0.50	"	"	"	"	"	"	
Bromoform	ND	0.25	0.50	"	"	"	"	"	"	
Bromomethane	ND	0.25	0.50	"	"	"	"	"	"	
n-Butylbenzene	**0.36**	0.25	0.50	"	"	"	"	"	"	J
sec-Butylbenzene	**0.97**	0.25	0.50	"	"	"	"	"	"	
tert-Butylbenzene	**0.36**	0.25	0.50	"	"	"	"	"	"	J
Carbon tetrachloride	ND	0.25	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	0.25	0.50	"	"	"	"	"	"	
Chloroethane	ND	0.25	0.50	"	"	"	"	"	"	
Chloroform	ND	0.25	0.50	"	"	"	"	"	"	
Chloromethane	ND	0.25	0.50	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.25	0.50	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.25	0.50	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.75	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	0.25	0.50	"	"	"	"	"	"	
Dibromomethane	ND	0.25	0.50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.25	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.25	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.25	0.50	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.26	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.25	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.25	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.25	0.50	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.25	0.50	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP2-W1

1600510-32 (Ground Water)

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
trans-1,2-Dichloroethene	ND	0.25	0.50	ug/L	1	B6B0166	05-Feb-16	05-Feb-16	EPA 8260B	
1,2-Dichloropropane	ND	0.25	0.50	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.25	0.50	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.25	0.50	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.25	0.50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.25	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.25	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.25	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.25	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.25	0.50	"	"	"	"	"	"	
Isopropylbenzene	ND	0.25	0.50	"	"	"	"	"	"	
4-Isopropyl Toluene	ND	0.25	0.50	"	"	"	"	"	"	
Methylene chloride	ND	0.50	1.0	"	"	"	"	"	"	
Naphthalene	ND	0.25	0.50	"	"	"	"	"	"	
n-Propylbenzene	ND	0.25	0.50	"	"	"	"	"	"	
Styrene	ND	0.25	0.50	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.25	0.50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.25	0.50	"	"	"	"	"	"	
Tetrachloroethene (PCE)	ND	0.25	0.50	"	"	"	"	"	"	
Toluene	ND	0.25	0.50	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.25	0.50	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.25	0.50	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.25	0.50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.25	0.50	"	"	"	"	"	"	
Trichloroethene (TCE)	ND	0.25	0.50	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.25	0.50	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.25	0.50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.25	0.50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.25	0.50	"	"	"	"	"	"	
Vinyl chloride	ND	0.25	0.50	"	"	"	"	"	"	
Xylenes (total)	**0.47**	0.27	0.50	"	"	"	"	"	"	J
t-Amyl Methyl Ether	ND	0.25	0.50	"	"	"	"	"	"	
t-Butyl alcohol	ND	2.5	10	"	"	"	"	"	"	
Diisopropyl Ether	ND	0.25	0.50	"	"	"	"	"	"	
Ethanol	ND	250	500	"	"	"	"	"	"	
Ethyl t-Butyl Ether	ND	0.25	0.50	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP2-W1

1600510-32 (Ground Water)

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Oilfield Environmental and Compliance										
Volatile Organic Compounds by EPA Method 8260B										
Methyl-t-butyl ether	ND	0.25	0.50	ug/L	1	B6B0166	05-Feb-16	05-Feb-16	EPA 8260B	
Surrogate: Dibromofluoromethane			*91.6 %*	*83-131*		"	"	"	"	
Surrogate: Toluene-d8			*94.6 %*	*78-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*95.9 %*	*78-134*		"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP3-W1

1600510-33 (Ground Water)

Oilfield Environmental and Compliance

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TVPH by GC FID										
TPH Gasoline (C4-C12)	**370**	25	50	ug/L	1	B6B0390	12-Feb-16	13-Feb-16	EPA 8015M	
Surrogate: 4-Bromofluorobenzene			*106 %*	*57-149*		"	"	"	"	
TEPH by GC FID										
TPH Diesel (C13-C22)	**0.17**	0.045	0.055	mg/L	1	B6B0242	09-Feb-16	09-Feb-16	EPA 8015M	
TPH Motor Oil (C23-C40)	**0.076**	0.055	0.11	"	"	"	"	"	"	J
Surrogate: o-Terphenyl			*102 %*	*51-151*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
Benzene	ND	0.25	0.50	ug/L	1	B6B0166	05-Feb-16	05-Feb-16	EPA 8260B	
Bromobenzene	ND	0.25	0.50	"	"	"	"	"	"	
Bromochloromethane	ND	0.25	0.50	"	"	"	"	"	"	
Bromodichloromethane	ND	0.25	0.50	"	"	"	"	"	"	
Bromoform	ND	0.25	0.50	"	"	"	"	"	"	
Bromomethane	ND	0.25	0.50	"	"	"	"	"	"	
n-Butylbenzene	**0.77**	0.25	0.50	"	"	"	"	"	"	
sec-Butylbenzene	**2.2**	0.25	0.50	"	"	"	"	"	"	
tert-Butylbenzene	**0.49**	0.25	0.50	"	"	"	"	"	"	J
Carbon tetrachloride	ND	0.25	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	0.25	0.50	"	"	"	"	"	"	
Chloroethane	ND	0.25	0.50	"	"	"	"	"	"	
Chloroform	ND	0.25	0.50	"	"	"	"	"	"	
Chloromethane	ND	0.25	0.50	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.25	0.50	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.25	0.50	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.75	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	0.25	0.50	"	"	"	"	"	"	
Dibromomethane	ND	0.25	0.50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.25	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.25	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.25	0.50	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.26	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.25	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.25	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.25	0.50	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.25	0.50	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP3-W1

1600510-33 (Ground Water)

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
trans-1,2-Dichloroethene	ND	0.25	0.50	ug/L	1	B6B0166	05-Feb-16	05-Feb-16	EPA 8260B	
1,2-Dichloropropane	ND	0.25	0.50	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.25	0.50	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.25	0.50	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.25	0.50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.25	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.25	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.25	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.25	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.25	0.50	"	"	"	"	"	"	
Isopropylbenzene	**0.43**	0.25	0.50	"	"	"	"	"	"	J
4-Isopropyl Toluene	ND	0.25	0.50	"	"	"	"	"	"	
Methylene chloride	ND	0.50	1.0	"	"	"	"	"	"	
Naphthalene	ND	0.25	0.50	"	"	"	"	"	"	
n-Propylbenzene	**0.29**	0.25	0.50	"	"	"	"	"	"	J
Styrene	ND	0.25	0.50	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.25	0.50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.25	0.50	"	"	"	"	"	"	
Tetrachloroethene (PCE)	ND	0.25	0.50	"	"	"	"	"	"	
Toluene	**0.28**	0.25	0.50	"	"	"	"	"	"	J
1,2,3-Trichlorobenzene	ND	0.25	0.50	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.25	0.50	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.25	0.50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.25	0.50	"	"	"	"	"	"	
Trichloroethene (TCE)	ND	0.25	0.50	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.25	0.50	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.25	0.50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**0.25**	0.25	0.50	"	"	"	"	"	"	J
1,3,5-Trimethylbenzene	ND	0.25	0.50	"	"	"	"	"	"	
Vinyl chloride	ND	0.25	0.50	"	"	"	"	"	"	
Xylenes (total)	**0.53**	0.27	0.50	"	"	"	"	"	"	
t-Amyl Methyl Ether	ND	0.25	0.50	"	"	"	"	"	"	
t-Butyl alcohol	ND	2.5	10	"	"	"	"	"	"	
Diisopropyl Ether	ND	0.25	0.50	"	"	"	"	"	"	
Ethanol	ND	250	500	"	"	"	"	"	"	
Ethyl t-Butyl Ether	ND	0.25	0.50	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
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HP3-W1

1600510-33 (Ground Water)

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Methyl-t-butyl ether	ND	0.25	0.50	ug/L	1	B6B0166	05-Feb-16	05-Feb-16	EPA 8260B	
Surrogate: Dibromofluoromethane			*94.0 %*	*83-131*		"	"	"	"	
Surrogate: Toluene-d8			*95.8 %*	*78-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*97.9 %*	*78-134*		"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP4-W1

1600510-34 (Ground Water)

Oilfield Environmental and Compliance

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TVPH by GC FID										
TPH Gasoline (C4-C12)	**1200**	25	50	ug/L	1	B6B0390	12-Feb-16	13-Feb-16	EPA 8015M	
TEPH by GC FID										
TPH Diesel (C13-C22)	**0.12**	0.044	0.054	mg/L	1	B6B0242	09-Feb-16	09-Feb-16	EPA 8015M	
TPH Motor Oil (C23-C40)	ND	0.054	0.11	"	"	"	"	"	"	
Surrogate: o-Terphenyl			*109 %*	*51-151*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
Benzene	**0.37**	0.25	0.50	ug/L	1	B6B0166	05-Feb-16	05-Feb-16	EPA 8260B	J
Bromobenzene	ND	0.25	0.50	"	"	"	"	"	"	
Bromochloromethane	ND	0.25	0.50	"	"	"	"	"	"	
Bromodichloromethane	ND	0.25	0.50	"	"	"	"	"	"	
Bromoform	ND	0.25	0.50	"	"	"	"	"	"	
Bromomethane	ND	0.25	0.50	"	"	"	"	"	"	
n-Butylbenzene	**9.6**	0.25	0.50	"	"	"	"	"	"	
sec-Butylbenzene	**7.7**	0.25	0.50	"	"	"	"	"	"	
tert-Butylbenzene	**0.71**	0.25	0.50	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.25	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	0.25	0.50	"	"	"	"	"	"	
Chloroethane	ND	0.25	0.50	"	"	"	"	"	"	
Chloroform	ND	0.25	0.50	"	"	"	"	"	"	
Chloromethane	ND	0.25	0.50	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.25	0.50	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.25	0.50	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.75	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	0.25	0.50	"	"	"	"	"	"	
Dibromomethane	ND	0.25	0.50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.25	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.25	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.25	0.50	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.26	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.25	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.25	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.25	0.50	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.25	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.25	0.50	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
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HP4-W1

1600510-34 (Ground Water)

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,2-Dichloropropane	ND	0.25	0.50	ug/L	1	B6B0166	05-Feb-16	05-Feb-16	EPA 8260B	
1,3-Dichloropropane	ND	0.25	0.50	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.25	0.50	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.25	0.50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.25	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.25	0.50	"	"	"	"	"	"	
Ethylbenzene	**0.96**	0.25	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.25	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.25	0.50	"	"	"	"	"	"	
Isopropylbenzene	**23**	0.25	0.50	"	"	"	"	"	"	
4-Isopropyl Toluene	ND	0.25	0.50	"	"	"	"	"	"	
Methylene chloride	ND	0.50	1.0	"	"	"	"	"	"	
Naphthalene	**1.4**	0.25	0.50	"	"	"	"	"	"	
n-Propylbenzene	**44**	0.25	0.50	"	"	"	"	"	"	
Styrene	ND	0.25	0.50	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.25	0.50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.25	0.50	"	"	"	"	"	"	
Tetrachloroethene (PCE)	ND	0.25	0.50	"	"	"	"	"	"	
Toluene	**0.33**	0.25	0.50	"	"	"	"	"	"	J
1,2,3-Trichlorobenzene	ND	0.25	0.50	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.25	0.50	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.25	0.50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.25	0.50	"	"	"	"	"	"	
Trichloroethene (TCE)	ND	0.25	0.50	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.25	0.50	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.25	0.50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**0.29**	0.25	0.50	"	"	"	"	"	"	J
1,3,5-Trimethylbenzene	ND	0.25	0.50	"	"	"	"	"	"	
Vinyl chloride	ND	0.25	0.50	"	"	"	"	"	"	
Xylenes (total)	**0.89**	0.27	0.50	"	"	"	"	"	"	
t-Amyl Methyl Ether	ND	0.25	0.50	"	"	"	"	"	"	
t-Butyl alcohol	**15**	2.5	10	"	"	"	"	"	"	
Diisopropyl Ether	ND	0.25	0.50	"	"	"	"	"	"	
Ethanol	ND	250	500	"	"	"	"	"	"	
Ethyl t-Butyl Ether	ND	0.25	0.50	"	"	"	"	"	"	
Methyl-t-butyl ether	**3.9**	0.25	0.50	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
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HP4-W1

1600510-34 (Ground Water)

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B

Surrogate: Dibromofluoromethane	*94.0 %*	*83-131*	*B6B0166*	*05-Feb-16*	*05-Feb-16*	*EPA 8260B*	
Surrogate: Toluene-d8	*96.9 %*	*78-125*	*"*	*"*	*"*	*"*	
Surrogate: 4-Bromofluorobenzene	*97.3 %*	*78-134*	*"*	*"*	*"*	*"*	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

HP5-W1

1600510-35 (Ground Water)

Oilfield Environmental and Compliance

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TVPH by GC FID										
TPH Gasoline (C4-C12)	**1100**	25	50	ug/L	1	B6B0390	12-Feb-16	13-Feb-16	EPA 8015M	
Surrogate: 4-Bromofluorobenzene			*130 %*	*57-149*		"	"	"	"	
TEPH by GC FID										
TPH Diesel (C13-C22)	**0.092**	0.042	0.051	mg/L	1	B6B0242	09-Feb-16	09-Feb-16	EPA 8015M	
TPH Motor Oil (C23-C40)	ND	0.051	0.10	"	"	"	"	"	"	
Surrogate: o-Terphenyl			*97.0 %*	*51-151*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
Benzene	ND	0.25	0.50	ug/L	1	B6B0166	05-Feb-16	05-Feb-16	EPA 8260B	
Bromobenzene	ND	0.25	0.50	"	"	"	"	"	"	
Bromochloromethane	ND	0.25	0.50	"	"	"	"	"	"	
Bromodichloromethane	ND	0.25	0.50	"	"	"	"	"	"	
Bromoform	ND	0.25	0.50	"	"	"	"	"	"	
Bromomethane	ND	0.25	0.50	"	"	"	"	"	"	
n-Butylbenzene	**1.3**	0.25	0.50	"	"	"	"	"	"	
sec-Butylbenzene	**3.0**	0.25	0.50	"	"	"	"	"	"	
tert-Butylbenzene	**0.46**	0.25	0.50	"	"	"	"	"	"	J
Carbon tetrachloride	ND	0.25	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	0.25	0.50	"	"	"	"	"	"	
Chloroethane	ND	0.25	0.50	"	"	"	"	"	"	
Chloroform	ND	0.25	0.50	"	"	"	"	"	"	
Chloromethane	ND	0.25	0.50	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.25	0.50	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.25	0.50	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.75	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	0.25	0.50	"	"	"	"	"	"	
Dibromomethane	ND	0.25	0.50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.25	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.25	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.25	0.50	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.26	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.25	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.25	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.25	0.50	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.25	0.50	"	"	"	"	"	"	

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1600510-35 (Ground Water)

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
trans-1,2-Dichloroethene	ND	0.25	0.50	ug/L	1	B6B0166	05-Feb-16	05-Feb-16	EPA 8260B	
1,2-Dichloropropane	ND	0.25	0.50	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.25	0.50	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.25	0.50	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.25	0.50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.25	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.25	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.25	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.25	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.25	0.50	"	"	"	"	"	"	
Isopropylbenzene	**11**	0.25	0.50	"	"	"	"	"	"	
4-Isopropyl Toluene	ND	0.25	0.50	"	"	"	"	"	"	
Methylene chloride	ND	0.50	1.0	"	"	"	"	"	"	
Naphthalene	ND	0.25	0.50	"	"	"	"	"	"	
n-Propylbenzene	**6.8**	0.25	0.50	"	"	"	"	"	"	
Styrene	ND	0.25	0.50	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.25	0.50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.25	0.50	"	"	"	"	"	"	
Tetrachloroethene (PCE)	ND	0.25	0.50	"	"	"	"	"	"	
Toluene	**0.27**	0.25	0.50	"	"	"	"	"	"	J
1,2,3-Trichlorobenzene	ND	0.25	0.50	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.25	0.50	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.25	0.50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.25	0.50	"	"	"	"	"	"	
Trichloroethene (TCE)	ND	0.25	0.50	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.25	0.50	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.25	0.50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.25	0.50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.25	0.50	"	"	"	"	"	"	
Vinyl chloride	ND	0.25	0.50	"	"	"	"	"	"	
Xylenes (total)	**0.55**	0.27	0.50	"	"	"	"	"	"	
t-Amyl Methyl Ether	ND	0.25	0.50	"	"	"	"	"	"	
t-Butyl alcohol	**17**	2.5	10	"	"	"	"	"	"	
Diisopropyl Ether	ND	0.25	0.50	"	"	"	"	"	"	
Ethanol	ND	250	500	"	"	"	"	"	"	
Ethyl t-Butyl Ether	ND	0.25	0.50	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
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1600510-35 (Ground Water)

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Methyl-t-butyl ether	**1.2**	0.25	0.50	ug/L	1	B6B0166	05-Feb-16	05-Feb-16	EPA 8260B	
Surrogate: Dibromofluoromethane			*94.3 %*	*83-131*		"	"	"	"	
Surrogate: Toluene-d8			*95.6 %*	*78-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*98.0 %*	*78-134*		"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
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TVPH by GC FID - Quality Control

Analyte	Result	MDL	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B6B0213 - EPA 5035/5030B MEOH GC											
Blank (B6B0213-BLK1)					Prepared & Analyzed: 08-Feb-16						
TPH Gasoline (C4-C12)	ND	0.099	0.50	mg/kg							
Surrogate: 4-Bromofluorobenzene	*0.127*			*"*	*0.124*		*102*	*45-158*			
LCS (B6B0213-BS1)					Prepared & Analyzed: 08-Feb-16						
TPH Gasoline (C4-C12)	0.504	0.099	0.50	mg/kg	0.497		101	74-144			
Surrogate: 4-Bromofluorobenzene	*0.129*			*"*	*0.124*		*104*	*45-158*			
LCS Dup (B6B0213-BSD1)					Prepared & Analyzed: 08-Feb-16						
TPH Gasoline (C4-C12)	0.518	0.099	0.50	mg/kg	0.496		104	74-144	2.65	20	
Surrogate: 4-Bromofluorobenzene	*0.129*			*"*	*0.124*		*104*	*45-158*			
Duplicate (B6B0213-DUP1)	**Source: 1600467-02**				Prepared & Analyzed: 08-Feb-16						
TPH Gasoline (C4-C12)	ND	0.099	0.50	mg/kg		ND				20	
Surrogate: 4-Bromofluorobenzene	*0.122*			*"*	*0.124*		*97.8*	*45-158*			
Matrix Spike (B6B0213-MS1)	**Source: 1600467-02**				Prepared & Analyzed: 08-Feb-16						
TPH Gasoline (C4-C12)	0.463	0.099	0.49	mg/kg	0.494	ND	93.6	18-155			J
Surrogate: 4-Bromofluorobenzene	*0.120*			*"*	*0.124*		*97.6*	*45-158*			
Matrix Spike Dup (B6B0213-MSD1)	**Source: 1600467-02**				Prepared & Analyzed: 08-Feb-16						
TPH Gasoline (C4-C12)	0.429	0.099	0.50	mg/kg	0.495	ND	86.7	18-155	7.47	20	J
Surrogate: 4-Bromofluorobenzene	*0.122*			*"*	*0.124*		*98.4*	*45-158*			
Batch B6B0264 - EPA 5035/5030B MEOH GC											
Blank (B6B0264-BLK1)					Prepared & Analyzed: 09-Feb-16						
TPH Gasoline (C4-C12)	ND	0.10	0.50	mg/kg							
Surrogate: 4-Bromofluorobenzene	*0.131*			*"*	*0.125*		*105*	*45-158*			

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

TVPH by GC FID - Quality Control

Analyte	Result	MDL	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B6B0264 - EPA 5035/5030B MEOH GC											
LCS (B6B0264-BS1)					Prepared & Analyzed: 09-Feb-16						
TPH Gasoline (C4-C12)	0.546	0.10	0.50	mg/kg	0.501		109	74-144			
Surrogate: 4-Bromofluorobenzene	*0.133*			"	*0.125*		*106*	*45-158*			
LCS Dup (B6B0264-BSD1)					Prepared & Analyzed: 09-Feb-16						
TPH Gasoline (C4-C12)	0.559	0.10	0.50	mg/kg	0.498		112	74-144	2.37	20	
Surrogate: 4-Bromofluorobenzene	*0.133*			"	*0.125*		*106*	*45-158*			
Matrix Spike (B6B0264-MS1)	**Source: 1600467-03**				Prepared: 09-Feb-16 Analyzed: 10-Feb-16						
TPH Gasoline (C4-C12)	0.457	0.099	0.50	mg/kg	0.497	ND	91.9	18-155			J
Surrogate: 4-Bromofluorobenzene	*0.122*			"	*0.124*		*97.9*	*45-158*			
Matrix Spike Dup (B6B0264-MSD1)	**Source: 1600467-03**				Prepared: 09-Feb-16 Analyzed: 10-Feb-16						
TPH Gasoline (C4-C12)	0.438	0.095	0.48	mg/kg	0.477	ND	91.8	18-155	4.26	20	J
Surrogate: 4-Bromofluorobenzene	*0.127*			"	*0.119*		*106*	*45-158*			
Batch B6B0277 - EPA 5035/5030B MEOH GC											
Blank (B6B0277-BLK1)					Prepared: 09-Feb-16 Analyzed: 10-Feb-16						
TPH Gasoline (C4-C12)	ND	0.10	0.50	mg/kg							
Surrogate: 4-Bromofluorobenzene	*0.129*			"	*0.125*		*104*	*45-158*			
LCS (B6B0277-BS1)					Prepared: 09-Feb-16 Analyzed: 10-Feb-16						
TPH Gasoline (C4-C12)	533	48	240	mg/kg	481		111	74-144			
Surrogate: 4-Bromofluorobenzene	*0.127*			"	*0.120*		*105*	*45-158*			
LCS Dup (B6B0277-BSD1)					Prepared: 09-Feb-16 Analyzed: 10-Feb-16						
TPH Gasoline (C4-C12)	559	47	240	mg/kg	472		119	74-144	4.70	20	
Surrogate: 4-Bromofluorobenzene	*0.124*			"	*0.118*		*105*	*45-158*			

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

TVPH by GC FID - Quality Control

Analyte	Result	MDL	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B6B0308 - EPA 5035/5030B MEOH GC											
Blank (B6B0308-BLK1)					Prepared & Analyzed: 10-Feb-16						
TPH Gasoline (C4-C12)	ND	0.097	0.49	mg/kg							
Surrogate: 4-Bromofluorobenzene	*0.128*			*"*	*0.122*		*105*	*45-158*			
LCS (B6B0308-BS1)					Prepared & Analyzed: 10-Feb-16						
TPH Gasoline (C4-C12)	0.549	0.098	0.49	mg/kg	0.489		112	74-144			
Surrogate: 4-Bromofluorobenzene	*0.131*			*"*	*0.122*		*107*	*45-158*			
LCS Dup (B6B0308-BSD1)					Prepared & Analyzed: 10-Feb-16						
TPH Gasoline (C4-C12)	0.552	0.099	0.49	mg/kg	0.494		112	74-144	0.539	20	
Surrogate: 4-Bromofluorobenzene	*0.130*			*"*	*0.124*		*106*	*45-158*			
Duplicate (B6B0308-DUP1)	**Source: 1600578-01**				Prepared & Analyzed: 10-Feb-16						
TPH Gasoline (C4-C12)	18.2	0.10	0.50	mg/kg		17.5			3.67	20	E
Surrogate: 4-Bromofluorobenzene	*0.377*			*"*	*0.125*		*303*	*45-158*			*S-02*
Matrix Spike (B6B0308-MS1)	**Source: 1600578-01**				Prepared & Analyzed: 10-Feb-16						
TPH Gasoline (C4-C12)	18.3	0.095	0.48	mg/kg	0.477	17.5	164	18-155			E, QM-07
Surrogate: 4-Bromofluorobenzene	*0.326*			*"*	*0.119*		*274*	*45-158*			*S-02*
Matrix Spike Dup (B6B0308-MSD1)	**Source: 1600578-01**				Prepared & Analyzed: 10-Feb-16						
TPH Gasoline (C4-C12)	36.3	0.097	0.49	mg/kg	0.486	17.5	NR	18-155	66.1	20	E, QM-07
Surrogate: 4-Bromofluorobenzene	*0.579*			*"*	*0.122*		*476*	*45-158*			*S-02*
Batch B6B0390 - EPA 5030B VOCGC											
Blank (B6B0390-BLK1)					Prepared & Analyzed: 12-Feb-16						
TPH Gasoline (C4-C12)	ND	25	50	ug/L							
Surrogate: 4-Bromofluorobenzene	*133*			*"*	*125*		*106*	*57-149*			

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

TVPH by GC FID - Quality Control

Analyte	Result	MDL	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B6B0390 - EPA 5030B VOCGC											
LCS (B6B0390-BS1)					Prepared & Analyzed: 12-Feb-16						
TPH Gasoline (C4-C12)	511	25	50	ug/L	500		102	71-137			
Surrogate: 4-Bromofluorobenzene	*135*			*"*	*125*		*108*	*57-149*			
LCS Dup (B6B0390-BSD1)					Prepared & Analyzed: 12-Feb-16						
TPH Gasoline (C4-C12)	550	25	50	ug/L	500		110	71-137	7.22	20	
Surrogate: 4-Bromofluorobenzene	*135*			*"*	*125*		*108*	*57-149*			
Duplicate (B6B0390-DUP1)	**Source: 1600501-01**				Prepared: 12-Feb-16 Analyzed: 13-Feb-16						
TPH Gasoline (C4-C12)	ND	25	50	ug/L		26.4				20	
Surrogate: 4-Bromofluorobenzene	*133*			*"*	*125*		*107*	*57-149*			
Matrix Spike (B6B0390-MS1)	**Source: 1600501-01**				Prepared: 12-Feb-16 Analyzed: 13-Feb-16						
TPH Gasoline (C4-C12)	438	25	50	ug/L	500	26.4	82.4	39-154			
Surrogate: 4-Bromofluorobenzene	*135*			*"*	*125*		*108*	*57-149*			
Matrix Spike Dup (B6B0390-MSD1)	**Source: 1600501-01**				Prepared: 12-Feb-16 Analyzed: 13-Feb-16						
TPH Gasoline (C4-C12)	425	25	50	ug/L	500	26.4	79.6	39-154	3.15	20	
Surrogate: 4-Bromofluorobenzene	*134*			*"*	*125*		*107*	*57-149*			
Batch B6B0426 - EPA 5035/5030B MEOH GC											
Blank (B6B0426-BLK1)					Prepared: 15-Feb-16 Analyzed: 17-Feb-16						
TPH Gasoline (C4-C12)	ND	0.098	0.49	mg/kg							
Surrogate: 4-Bromofluorobenzene	*0.123*			*"*	*0.123*		*99.7*	*45-158*			
LCS (B6B0426-BS1)					Prepared: 15-Feb-16 Analyzed: 16-Feb-16						
TPH Gasoline (C4-C12)	550	48	240	mg/kg	484		113	74-144			
Surrogate: 4-Bromofluorobenzene	*0.125*			*"*	*0.121*		*103*	*45-158*			

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

TVPH by GC FID - Quality Control

Analyte	Result	MDL	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B6B0426 - EPA 5035/5030B MEOH GC											
LCS Dup (B6B0426-BSD1)					Prepared: 15-Feb-16 Analyzed: 16-Feb-16						
TPH Gasoline (C4-C12)	475	49	250	mg/kg	494		96.2	74-144	14.5	20	
Surrogate: 4-Bromofluorobenzene	*0.125*			"	*0.124*		*102*	*45-158*			
Duplicate (B6B0426-DUP1)	**Source: 1600510-03**				Prepared: 15-Feb-16 Analyzed: 16-Feb-16						
TPH Gasoline (C4-C12)	42.0	15	30	mg/kg		39.2			6.81	20	
Surrogate: 4-Bromofluorobenzene	*0.0959*			"	*0.0927*		*103*	*45-158*			
Matrix Spike (B6B0426-MS1)	**Source: 1600510-03**				Prepared: 15-Feb-16 Analyzed: 16-Feb-16						
TPH Gasoline (C4-C12)	85.2	15	74	mg/kg	74.2	39.2	62.0	18-155			
Surrogate: 4-Bromofluorobenzene	*19.2*			"	*18.5*		*104*	*45-158*			
Matrix Spike Dup (B6B0426-MSD1)	**Source: 1600510-03**				Prepared: 15-Feb-16 Analyzed: 16-Feb-16						
TPH Gasoline (C4-C12)	90.8	15	74	mg/kg	74.1	39.2	69.6	18-155	6.33	20	
Surrogate: 4-Bromofluorobenzene	*19.2*			"	*18.5*		*103*	*45-158*			

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

TEPH by GC FID - Quality Control

Analyte	Result	MDL	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B6B0115 - EPA 3550B											
Blank (B6B0115-BLK1)					Prepared & Analyzed: 04-Feb-16						
TPH Diesel (C13-C22)	ND	7.6	10	mg/kg							
TPH Motor Oil (C23-C40)	ND	40	50	"							
Surrogate: o-Terphenyl	*45.1*			*"*	*50.0*		*90.2*	*67-129*			
LCS (B6B0115-BS1)					Prepared & Analyzed: 04-Feb-16						
TPH Diesel (C13-C22)	497	7.6	10	mg/kg	500		99.4	84-112			
Surrogate: o-Terphenyl	*39.6*			*"*	*50.0*		*79.2*	*67-129*			
LCS Dup (B6B0115-BSD1)					Prepared & Analyzed: 04-Feb-16						
TPH Diesel (C13-C22)	501	7.6	10	mg/kg	500		100	84-112	0.764	20	
Surrogate: o-Terphenyl	*38.5*			*"*	*50.0*		*77.1*	*67-129*			
Duplicate (B6B0115-DUP1)	**Source: 1600510-10**				Prepared & Analyzed: 04-Feb-16						
TPH Diesel (C13-C22)	ND	7.6	10	mg/kg		ND				20	
TPH Motor Oil (C23-C40)	ND	40	50	"		ND				20	
Surrogate: o-Terphenyl	*43.6*			*"*	*49.8*		*87.6*	*67-129*			
Matrix Spike (B6B0115-MS1)	**Source: 1600510-10**				Prepared & Analyzed: 04-Feb-16						
TPH Diesel (C13-C22)	522	7.6	10	mg/kg	502	ND	104	72-122			
Surrogate: o-Terphenyl	*41.1*			*"*	*50.2*		*82.0*	*67-129*			
Matrix Spike Dup (B6B0115-MSD1)	**Source: 1600510-10**				Prepared & Analyzed: 04-Feb-16						
TPH Diesel (C13-C22)	527	7.6	10	mg/kg	500	ND	105	72-122	0.908	20	
Surrogate: o-Terphenyl	*40.4*			*"*	*50.0*		*80.7*	*67-129*			
Batch B6B0118 - EPA 3550B											
Blank (B6B0118-BLK1)					Prepared & Analyzed: 04-Feb-16						
TPH Diesel (C13-C22)	ND	7.6	10	mg/kg							
TPH Motor Oil (C23-C40)	ND	40	50	"							
Surrogate: o-Terphenyl	*45.2*			*"*	*50.0*		*90.5*	*67-129*			

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

TEPH by GC FID - Quality Control

Analyte	Result	MDL	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B6B0118 - EPA 3550B											
LCS (B6B0118-BS1)					Prepared & Analyzed: 04-Feb-16						
TPH Diesel (C13-C22)	499	7.6	10	mg/kg	500		99.8	84-112			
Surrogate: o-Terphenyl	*41.7*			"	*50.0*		*83.4*	*67-129*			
LCS Dup (B6B0118-BSD1)					Prepared & Analyzed: 04-Feb-16						
TPH Diesel (C13-C22)	513	7.6	10	mg/kg	500		103	84-112	2.78	20	
Surrogate: o-Terphenyl	*40.6*			"	*50.0*		*81.1*	*67-129*			
Duplicate (B6B0118-DUP1)	**Source: 1600510-30**				Prepared & Analyzed: 04-Feb-16						
TPH Diesel (C13-C22)	ND	7.6	10	mg/kg		ND				20	
TPH Motor Oil (C23-C40)	ND	40	50	"		ND				20	
Surrogate: o-Terphenyl	*47.4*			"	*50.2*		*94.4*	*67-129*			
Matrix Spike (B6B0118-MS1)	**Source: 1600510-30**				Prepared & Analyzed: 04-Feb-16						
TPH Diesel (C13-C22)	521	7.6	10	mg/kg	501	ND	104	72-122			
Surrogate: o-Terphenyl	*42.5*			"	*50.1*		*84.9*	*67-129*			
Matrix Spike Dup (B6B0118-MSD1)	**Source: 1600510-30**				Prepared & Analyzed: 04-Feb-16						
TPH Diesel (C13-C22)	519	7.6	10	mg/kg	501	ND	104	72-122	0.488	20	
Surrogate: o-Terphenyl	*40.0*			"	*50.1*		*80.0*	*67-129*			
Batch B6B0242 - EPA 3510C											
Blank (B6B0242-BLK1)					Prepared & Analyzed: 09-Feb-16						
TPH Diesel (C13-C22)	ND	0.041	0.050	mg/L							
TPH Motor Oil (C23-C40)	ND	0.050	0.10	"							
Surrogate: o-Terphenyl	*0.107*			"	*0.100*		*107*	*51-151*			

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Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

TEPH by GC FID - Quality Control

Analyte	Result	MDL	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B6B0242 - EPA 3510C											
LCS (B6B0242-BS1)					Prepared & Analyzed: 09-Feb-16						
TPH Diesel (C13-C22)	1.08	0.041	0.050	mg/L	1.00		108	57-118			
Surrogate: o-Terphenyl	*0.107*			*"*	*0.100*		*107*	*51-151*			
LCS Dup (B6B0242-BSD1)					Prepared & Analyzed: 09-Feb-16						
TPH Diesel (C13-C22)	1.02	0.041	0.050	mg/L	1.00		102	57-118	5.96	20	
Surrogate: o-Terphenyl	*0.109*			*"*	*0.100*		*109*	*51-151*			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	MDL	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B6B0113 - EPA 5035/5030B MEOH											
Blank (B6B0113-BLK1)					Prepared & Analyzed: 04-Feb-16						
Benzene	ND	0.0020	0.0050	mg/kg							
Bromobenzene	ND	0.0020	0.0050	"							
Bromochloromethane	ND	0.0020	0.0050	"							
Bromodichloromethane	ND	0.0020	0.0050	"							
Bromoform	ND	0.0020	0.0050	"							
Bromomethane	ND	0.0020	0.0050	"							
n-Butylbenzene	ND	0.0020	0.0050	"							
sec-Butylbenzene	ND	0.0020	0.0050	"							
tert-Butylbenzene	ND	0.0020	0.0050	"							
Carbon tetrachloride	ND	0.0020	0.0050	"							
Chlorobenzene	ND	0.0020	0.0050	"							
Chloroethane	ND	0.0020	0.0050	"							
Chloroform	ND	0.0020	0.0050	"							
Chloromethane	ND	0.0020	0.0050	"							
2-Chlorotoluene	ND	0.0020	0.0050	"							
4-Chlorotoluene	ND	0.0020	0.0050	"							
1,2-Dibromo-3-chloropropane	ND	0.0020	0.0050	"							
Dibromochloromethane	ND	0.0020	0.0050	"							
Dibromomethane	ND	0.0020	0.0050	"							
1,2-Dichlorobenzene	ND	0.0020	0.0050	"							
1,3-Dichlorobenzene	ND	0.0020	0.0050	"							
1,4-Dichlorobenzene	ND	0.0020	0.0050	"							
Dichlorodifluoromethane	ND	0.0020	0.0050	"							
1,1-Dichloroethane	ND	0.0020	0.0050	"							
1,2-Dichloroethane	ND	0.0020	0.0050	"							
1,1-Dichloroethene	ND	0.0020	0.0050	"							
cis-1,2-Dichloroethene	ND	0.0020	0.0050	"							
trans-1,2-Dichloroethene	ND	0.0020	0.0050	"							
1,2-Dichloropropane	ND	0.0020	0.0050	"							
1,3-Dichloropropane	ND	0.0020	0.0050	"							
2,2-Dichloropropane	ND	0.0020	0.0050	"							
1,1-Dichloropropene	ND	0.0020	0.0050	"							
cis-1,3-Dichloropropene	ND	0.0020	0.0050	"							
trans-1,3-Dichloropropene	ND	0.0020	0.0050	"							
Ethylbenzene	ND	0.0020	0.0050	"							
1,2-Dibromoethane (EDB)	ND	0.0020	0.0050	"							
Hexachlorobutadiene	ND	0.0020	0.0050	"							
Isopropylbenzene	ND	0.0020	0.0050	"							
4-Isopropyl Toluene	ND	0.0020	0.0050	"							
Methylene chloride	ND	0.0020	0.0050	"							

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	MDL	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B6B0113 - EPA 5035/5030B MEOH											
Blank (B6B0113-BLK1)					Prepared & Analyzed: 04-Feb-16						
Naphthalene	ND	0.0020	0.0050	mg/kg							
n-Propylbenzene	ND	0.0020	0.0050	"							
Styrene	ND	0.0020	0.0050	"							
1,1,1,2-Tetrachloroethane	ND	0.0020	0.0050	"							
1,1,2,2-Tetrachloroethane	ND	0.0020	0.0050	"							
Tetrachloroethene (PCE)	ND	0.0020	0.0050	"							
Toluene	ND	0.0020	0.0050	"							
1,2,3-Trichlorobenzene	ND	0.0020	0.0050	"							
1,2,4-Trichlorobenzene	ND	0.0020	0.0050	"							
1,1,1-Trichloroethane	ND	0.0020	0.0050	"							
1,1,2-Trichloroethane	ND	0.0020	0.0050	"							
Trichloroethene (TCE)	ND	0.0020	0.0050	"							
Trichlorofluoromethane	ND	0.0020	0.0050	"							
1,2,3-Trichloropropane	ND	0.0020	0.0050	"							
1,2,4-Trimethylbenzene	ND	0.0020	0.0050	"							
1,3,5-Trimethylbenzene	ND	0.0020	0.0050	"							
Vinyl chloride	ND	0.0020	0.0050	"							
Xylenes (total)	ND	0.0020	0.0050	"							
t-Amyl Methyl Ether	ND	0.0020	0.0050	"							
t-Butyl alcohol	ND	0.010	0.025	"							
Diisopropyl Ether	ND	0.0020	0.0050	"							
Ethanol	ND	2.0	5.0	"							
Ethyl t-Butyl Ether	ND	0.0020	0.0050	"							
Methyl-t-butyl ether	ND	0.0020	0.0050	"							
Surrogate: Dibromofluoromethane	*0.0500*			*"*	*0.0499*		*100*	*87-125*			
Surrogate: 4-Bromofluorobenzene	*0.0476*			*"*	*0.0499*		*95.4*	*65-127*			
Surrogate: Toluene-d8	*0.0491*			*"*	*0.0499*		*98.4*	*75-120*			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	MDL	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B6B0113 - EPA 5035/5030B MEOH											
LCS (B6B0113-BS1)					Prepared & Analyzed: 04-Feb-16						
Benzene	0.105	0.0020	0.0050	mg/kg	0.100		105	70-133			
Chlorobenzene	0.106	0.0020	0.0050	"	0.100		106	78-137			
1,1-Dichloroethene	0.111	0.0020	0.0050	"	0.100		111	56-149			
Toluene	0.104	0.0020	0.0050	"	0.100		104	74-132			
Trichloroethene (TCE)	0.105	0.0020	0.0050	"	0.100		104	67-143			
Surrogate: Dibromofluoromethane	*0.0503*			*"*	*0.0501*		*100*	*87-125*			
Surrogate: 4-Bromofluorobenzene	*0.0478*			*"*	*0.0501*		*95.4*	*65-127*			
Surrogate: Toluene-d8	*0.0495*			*"*	*0.0501*		*98.8*	*75-120*			
LCS Dup (B6B0113-BSD1)					Prepared & Analyzed: 04-Feb-16						
Benzene	0.105	0.0020	0.0050	mg/kg	0.0992		106	70-133	0.142	20	
Chlorobenzene	0.104	0.0020	0.0050	"	0.0992		105	78-137	1.83	20	
1,1-Dichloroethene	0.108	0.0020	0.0050	"	0.0992		109	56-149	2.49	20	
Toluene	0.103	0.0020	0.0050	"	0.0992		104	74-132	1.11	20	
Trichloroethene (TCE)	0.103	0.0020	0.0050	"	0.0992		104	67-143	1.38	20	
Surrogate: Dibromofluoromethane	*0.0500*			*"*	*0.0496*		*101*	*87-125*			
Surrogate: Toluene-d8	*0.0491*			*"*	*0.0496*		*99.0*	*75-120*			
Surrogate: 4-Bromofluorobenzene	*0.0474*			*"*	*0.0496*		*95.6*	*65-127*			
Duplicate (B6B0113-DUP1)	**Source: 1600491-01**				Prepared & Analyzed: 04-Feb-16						
Benzene	ND	0.0020	0.0050	mg/kg		ND				20	
Bromobenzene	ND	0.0020	0.0050	"		ND				20	
Bromochloromethane	ND	0.0020	0.0050	"		ND				20	
Bromodichloromethane	ND	0.0020	0.0050	"		ND				20	
Bromoform	ND	0.0020	0.0050	"		ND				20	
Bromomethane	ND	0.0020	0.0050	"		ND				20	
n-Butylbenzene	ND	0.0020	0.0050	"		ND				20	
sec-Butylbenzene	ND	0.0020	0.0050	"		ND				20	
tert-Butylbenzene	ND	0.0020	0.0050	"		ND				20	
Carbon tetrachloride	ND	0.0020	0.0050	"		ND				20	
Chlorobenzene	ND	0.0020	0.0050	"		ND				20	
Chloroethane	ND	0.0020	0.0050	"		ND				20	
Chloroform	ND	0.0020	0.0050	"		ND				20	
Chloromethane	ND	0.0020	0.0050	"		ND				20	
2-Chlorotoluene	ND	0.0020	0.0050	"		ND				20	
4-Chlorotoluene	ND	0.0020	0.0050	"		ND				20	
1,2-Dibromo-3-chloropropane	ND	0.0020	0.0050	"		ND				20	
Dibromochloromethane	ND	0.0020	0.0050	"		ND				20	
Dibromomethane	ND	0.0020	0.0050	"		ND				20	
1,2-Dichlorobenzene	ND	0.0020	0.0050	"		ND				20	

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	MDL	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B6B0113 - EPA 5035/5030B MEOH											
Duplicate (B6B0113-DUP1)	**Source: 1600491-01**				Prepared & Analyzed: 04-Feb-16						
1,3-Dichlorobenzene	ND	0.0020	0.0050	mg/kg		ND				20	
1,4-Dichlorobenzene	ND	0.0020	0.0050	"		ND				20	
Dichlorodifluoromethane	ND	0.0020	0.0050	"		ND				20	
1,1-Dichloroethane	ND	0.0020	0.0050	"		ND				20	
1,2-Dichloroethane	ND	0.0020	0.0050	"		ND				20	
1,1-Dichloroethene	ND	0.0020	0.0050	"		ND				20	
cis-1,2-Dichloroethene	ND	0.0020	0.0050	"		ND				20	
trans-1,2-Dichloroethene	ND	0.0020	0.0050	"		ND				20	
1,2-Dichloropropane	ND	0.0020	0.0050	"		ND				20	
1,3-Dichloropropane	ND	0.0020	0.0050	"		ND				20	
2,2-Dichloropropane	ND	0.0020	0.0050	"		ND				20	
1,1-Dichloropropene	ND	0.0020	0.0050	"		ND				20	
cis-1,3-Dichloropropene	ND	0.0020	0.0050	"		ND				20	
trans-1,3-Dichloropropene	ND	0.0020	0.0050	"		ND				20	
Ethylbenzene	ND	0.0020	0.0050	"		ND				20	
1,2-Dibromoethane (EDB)	ND	0.0020	0.0050	"		ND				20	
Hexachlorobutadiene	ND	0.0020	0.0050	"		ND				20	
Isopropylbenzene	ND	0.0020	0.0050	"		ND				20	
4-Isopropyl Toluene	ND	0.0020	0.0050	"		ND				20	
Methylene chloride	ND	0.0020	0.0050	"		ND				20	
Naphthalene	ND	0.0020	0.0050	"		ND				20	
n-Propylbenzene	ND	0.0020	0.0050	"		ND				20	
Styrene	ND	0.0020	0.0050	"		ND				20	
1,1,1,2-Tetrachloroethane	ND	0.0020	0.0050	"		ND				20	
1,1,2,2-Tetrachloroethane	ND	0.0020	0.0050	"		ND				20	
Tetrachloroethene (PCE)	ND	0.0020	0.0050	"		ND				20	
Toluene	ND	0.0020	0.0050	"		ND				20	
1,2,3-Trichlorobenzene	ND	0.0020	0.0050	"		ND				20	
1,2,4-Trichlorobenzene	ND	0.0020	0.0050	"		ND				20	
1,1,1-Trichloroethane	ND	0.0020	0.0050	"		ND				20	
1,1,2-Trichloroethane	ND	0.0020	0.0050	"		ND				20	
Trichloroethene (TCE)	ND	0.0020	0.0050	"		ND				20	
Trichlorofluoromethane	ND	0.0020	0.0050	"		ND				20	
1,2,3-Trichloropropane	ND	0.0020	0.0050	"		ND				20	
1,2,4-Trimethylbenzene	ND	0.0020	0.0050	"		ND				20	
1,3,5-Trimethylbenzene	ND	0.0020	0.0050	"		ND				20	
Vinyl chloride	ND	0.0020	0.0050	"		ND				20	
Xylenes (total)	ND	0.0020	0.0050	"		ND				20	
t-Amyl Methyl Ether	ND	0.0020	0.0050	"		ND				20	
t-Butyl alcohol	ND	0.010	0.025	"		ND				20	

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	MDL	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B6B0113 - EPA 5035/5030B MEOH											
Duplicate (B6B0113-DUP1)	**Source: 1600491-01**				Prepared & Analyzed: 04-Feb-16						
Diisopropyl Ether	ND	0.0020	0.0050	mg/kg		ND				20	
Ethanol	ND	2.0	5.0	"		ND				20	
Ethyl t-Butyl Ether	ND	0.0020	0.0050	"		ND				20	
Methyl-t-butyl ether	ND	0.0020	0.0050	"		ND				20	
Surrogate: Dibromofluoromethane	*0.0497*			*"*	*0.0499*		*99.6*	*87-125*			
Surrogate: Toluene-d8	*0.0488*			*"*	*0.0499*		*97.8*	*75-120*			
Surrogate: 4-Bromofluorobenzene	*0.0455*			*"*	*0.0499*		*91.3*	*65-127*			
Matrix Spike (B6B0113-MS1)	**Source: 1600491-01**				Prepared & Analyzed: 04-Feb-16						
Benzene	0.106	0.0020	0.0050	mg/kg	0.0996	ND	106	77-120			
Chlorobenzene	0.106	0.0020	0.0050	"	0.0996	ND	106	74-132			
1,1-Dichloroethene	0.108	0.0020	0.0050	"	0.0996	ND	109	57-140			
Toluene	0.103	0.0020	0.0050	"	0.0996	ND	104	74-128			
Trichloroethene (TCE)	0.103	0.0020	0.0050	"	0.0996	ND	103	70-135			
Surrogate: Dibromofluoromethane	*0.0506*			*"*	*0.0498*		*102*	*87-125*			
Surrogate: 4-Bromofluorobenzene	*0.0471*			*"*	*0.0498*		*94.6*	*65-127*			
Surrogate: Toluene-d8	*0.0489*			*"*	*0.0498*		*98.2*	*75-120*			
Matrix Spike Dup (B6B0113-MSD1)	**Source: 1600491-01**				Prepared & Analyzed: 04-Feb-16						
Benzene	0.108	0.0020	0.0050	mg/kg	0.100	ND	108	77-120	1.88	20	
Chlorobenzene	0.108	0.0020	0.0050	"	0.100	ND	108	74-132	2.34	20	
1,1-Dichloroethene	0.112	0.0020	0.0050	"	0.100	ND	112	57-140	3.49	20	
Toluene	0.105	0.0020	0.0050	"	0.100	ND	105	74-128	1.61	20	
Trichloroethene (TCE)	0.105	0.0020	0.0050	"	0.100	ND	105	70-135	1.80	20	
Surrogate: Dibromofluoromethane	*0.0516*			*"*	*0.0502*		*103*	*87-125*			
Surrogate: Toluene-d8	*0.0497*			*"*	*0.0502*		*99.0*	*75-120*			
Surrogate: 4-Bromofluorobenzene	*0.0468*			*"*	*0.0502*		*93.2*	*65-127*			

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	MDL	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B6B0164 - EPA 5035/5030B MEOH											
Blank (B6B0164-BLK1)					Prepared & Analyzed: 05-Feb-16						
Benzene	ND	0.0020	0.0050	mg/kg							
Bromobenzene	ND	0.0020	0.0050	"							
Bromochloromethane	ND	0.0020	0.0050	"							
Bromodichloromethane	ND	0.0020	0.0050	"							
Bromoform	ND	0.0020	0.0050	"							
Bromomethane	ND	0.0020	0.0050	"							
n-Butylbenzene	ND	0.0020	0.0050	"							
sec-Butylbenzene	ND	0.0020	0.0050	"							
tert-Butylbenzene	ND	0.0020	0.0050	"							
Carbon tetrachloride	ND	0.0020	0.0050	"							
Chlorobenzene	ND	0.0020	0.0050	"							
Chloroethane	ND	0.0020	0.0050	"							
Chloroform	ND	0.0020	0.0050	"							
Chloromethane	ND	0.0020	0.0050	"							
2-Chlorotoluene	ND	0.0020	0.0050	"							
4-Chlorotoluene	ND	0.0020	0.0050	"							
1,2-Dibromo-3-chloropropane	ND	0.0020	0.0050	"							
Dibromochloromethane	ND	0.0020	0.0050	"							
Dibromomethane	ND	0.0020	0.0050	"							
1,2-Dichlorobenzene	ND	0.0020	0.0050	"							
1,3-Dichlorobenzene	ND	0.0020	0.0050	"							
1,4-Dichlorobenzene	ND	0.0020	0.0050	"							
Dichlorodifluoromethane	ND	0.0020	0.0050	"							
1,1-Dichloroethane	ND	0.0020	0.0050	"							
1,2-Dichloroethane	ND	0.0020	0.0050	"							
1,1-Dichloroethene	ND	0.0020	0.0050	"							
cis-1,2-Dichloroethene	ND	0.0020	0.0050	"							
trans-1,2-Dichloroethene	ND	0.0020	0.0050	"							
1,2-Dichloropropane	ND	0.0020	0.0050	"							
1,3-Dichloropropane	ND	0.0020	0.0050	"							
2,2-Dichloropropane	ND	0.0020	0.0050	"							
1,1-Dichloropropene	ND	0.0020	0.0050	"							
cis-1,3-Dichloropropene	ND	0.0020	0.0050	"							
trans-1,3-Dichloropropene	ND	0.0020	0.0050	"							
Ethylbenzene	ND	0.0020	0.0050	"							
1,2-Dibromoethane (EDB)	ND	0.0020	0.0050	"							
Hexachlorobutadiene	ND	0.0020	0.0050	"							
Isopropylbenzene	ND	0.0020	0.0050	"							
4-Isopropyl Toluene	ND	0.0020	0.0050	"							
Methylene chloride	ND	0.0020	0.0050	"							

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	MDL	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B6B0164 - EPA 5035/5030B MEOH											
Blank (B6B0164-BLK1)					Prepared & Analyzed: 05-Feb-16						
Naphthalene	ND	0.0020	0.0050	mg/kg							
n-Propylbenzene	ND	0.0020	0.0050	"							
Styrene	ND	0.0020	0.0050	"							
1,1,1,2-Tetrachloroethane	ND	0.0020	0.0050	"							
1,1,2,2-Tetrachloroethane	ND	0.0020	0.0050	"							
Tetrachloroethene (PCE)	ND	0.0020	0.0050	"							
Toluene	ND	0.0020	0.0050	"							
1,2,3-Trichlorobenzene	ND	0.0020	0.0050	"							
1,2,4-Trichlorobenzene	ND	0.0020	0.0050	"							
1,1,1-Trichloroethane	ND	0.0020	0.0050	"							
1,1,2-Trichloroethane	ND	0.0020	0.0050	"							
Trichloroethene (TCE)	ND	0.0020	0.0050	"							
Trichlorofluoromethane	ND	0.0020	0.0050	"							
1,2,3-Trichloropropane	ND	0.0020	0.0050	"							
1,2,4-Trimethylbenzene	ND	0.0020	0.0050	"							
1,3,5-Trimethylbenzene	ND	0.0020	0.0050	"							
Vinyl chloride	ND	0.0020	0.0050	"							
Xylenes (total)	ND	0.0020	0.0050	"							
t-Amyl Methyl Ether	ND	0.0020	0.0050	"							
t-Butyl alcohol	ND	0.010	0.025	"							
Diisopropyl Ether	ND	0.0020	0.0050	"							
Ethanol	ND	2.0	5.0	"							
Ethyl t-Butyl Ether	ND	0.0020	0.0050	"							
Methyl-t-butyl ether	ND	0.0020	0.0050	"							
Surrogate: Dibromofluoromethane	*0.0490*			*"*	*0.0499*		*98.2*	*87-125*			
Surrogate: Toluene-d8	*0.0497*			*"*	*0.0499*		*99.5*	*75-120*			
Surrogate: 4-Bromofluorobenzene	*0.0484*			*"*	*0.0499*		*97.0*	*65-127*			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	MDL	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B6B0164 - EPA 5035/5030B MEOH											
LCS (B6B0164-BS1)					Prepared & Analyzed: 05-Feb-16						
Benzene	0.104	0.0020	0.0050	mg/kg	0.0996		105	70-133			
Chlorobenzene	0.106	0.0020	0.0050	"	0.0996		107	78-137			
1,1-Dichloroethene	0.110	0.0020	0.0050	"	0.0996		110	56-149			
Toluene	0.106	0.0020	0.0050	"	0.0996		106	74-132			
Trichloroethene (TCE)	0.108	0.0020	0.0050	"	0.0996		108	67-143			
Surrogate: Dibromofluoromethane	*0.0497*			*"*	*0.0498*		*99.8*	*87-125*			
Surrogate: Toluene-d8	*0.0503*			*"*	*0.0498*		*101*	*75-120*			
Surrogate: 4-Bromofluorobenzene	*0.0497*			*"*	*0.0498*		*99.8*	*65-127*			
LCS Dup (B6B0164-BSD1)					Prepared & Analyzed: 05-Feb-16						
Benzene	0.106	0.0020	0.0050	mg/kg	0.0998		106	70-133	1.42	20	
Chlorobenzene	0.107	0.0020	0.0050	"	0.0998		107	78-137	0.462	20	
1,1-Dichloroethene	0.112	0.0020	0.0050	"	0.0998		112	56-149	1.97	20	
Toluene	0.106	0.0020	0.0050	"	0.0998		107	74-132	0.538	20	
Trichloroethene (TCE)	0.109	0.0020	0.0050	"	0.0998		109	67-143	1.04	20	
Surrogate: Dibromofluoromethane	*0.0493*			*"*	*0.0499*		*98.8*	*87-125*			
Surrogate: Toluene-d8	*0.0499*			*"*	*0.0499*		*100*	*75-120*			
Surrogate: 4-Bromofluorobenzene	*0.0487*			*"*	*0.0499*		*97.7*	*65-127*			
Duplicate (B6B0164-DUP1)	**Source: 1600527-01**				Prepared & Analyzed: 05-Feb-16						
Benzene	ND	0.0020	0.0050	mg/kg		ND				20	
Bromobenzene	ND	0.0020	0.0050	"		ND				20	
Bromochloromethane	ND	0.0020	0.0050	"		ND				20	
Bromodichloromethane	ND	0.0020	0.0050	"		ND				20	
Bromoform	ND	0.0020	0.0050	"		ND				20	
Bromomethane	ND	0.0020	0.0050	"		ND				20	
n-Butylbenzene	ND	0.0020	0.0050	"		ND				20	
sec-Butylbenzene	ND	0.0020	0.0050	"		ND				20	
tert-Butylbenzene	ND	0.0020	0.0050	"		ND				20	
Carbon tetrachloride	ND	0.0020	0.0050	"		ND				20	
Chlorobenzene	ND	0.0020	0.0050	"		ND				20	
Chloroethane	ND	0.0020	0.0050	"		ND				20	
Chloroform	ND	0.0020	0.0050	"		ND				20	
Chloromethane	ND	0.0020	0.0050	"		ND				20	
2-Chlorotoluene	ND	0.0020	0.0050	"		ND				20	
4-Chlorotoluene	ND	0.0020	0.0050	"		ND				20	
1,2-Dibromo-3-chloropropane	ND	0.0020	0.0050	"		ND				20	
Dibromochloromethane	ND	0.0020	0.0050	"		ND				20	
Dibromomethane	ND	0.0020	0.0050	"		ND				20	
1,2-Dichlorobenzene	ND	0.0020	0.0050	"		ND				20	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	MDL	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B6B0164 - EPA 5035/5030B MEOH											
Duplicate (B6B0164-DUP1)	**Source: 1600527-01**			Prepared & Analyzed: 05-Feb-16							
1,3-Dichlorobenzene	ND	0.0020	0.0050	mg/kg		ND				20	
1,4-Dichlorobenzene	ND	0.0020	0.0050	"		ND				20	
Dichlorodifluoromethane	ND	0.0020	0.0050	"		ND				20	
1,1-Dichloroethane	ND	0.0020	0.0050	"		ND				20	
1,2-Dichloroethane	ND	0.0020	0.0050	"		ND				20	
1,1-Dichloroethene	ND	0.0020	0.0050	"		ND				20	
cis-1,2-Dichloroethene	ND	0.0020	0.0050	"		ND				20	
trans-1,2-Dichloroethene	ND	0.0020	0.0050	"		ND				20	
1,2-Dichloropropane	ND	0.0020	0.0050	"		ND				20	
1,3-Dichloropropane	ND	0.0020	0.0050	"		ND				20	
2,2-Dichloropropane	ND	0.0020	0.0050	"		ND				20	
1,1-Dichloropropene	ND	0.0020	0.0050	"		ND				20	
cis-1,3-Dichloropropene	ND	0.0020	0.0050	"		ND				20	
trans-1,3-Dichloropropene	ND	0.0020	0.0050	"		ND				20	
Ethylbenzene	ND	0.0020	0.0050	"		ND				20	
1,2-Dibromoethane (EDB)	ND	0.0020	0.0050	"		ND				20	
Hexachlorobutadiene	ND	0.0020	0.0050	"		ND				20	
Isopropylbenzene	ND	0.0020	0.0050	"		ND				20	
4-Isopropyl Toluene	ND	0.0020	0.0050	"		ND				20	
Methylene chloride	ND	0.0020	0.0050	"		ND				20	
Naphthalene	ND	0.0020	0.0050	"		ND				20	
n-Propylbenzene	ND	0.0020	0.0050	"		ND				20	
Styrene	ND	0.0020	0.0050	"		ND				20	
1,1,1,2-Tetrachloroethane	ND	0.0020	0.0050	"		ND				20	
1,1,2,2-Tetrachloroethane	ND	0.0020	0.0050	"		ND				20	
Tetrachloroethene (PCE)	ND	0.0020	0.0050	"		ND				20	
Toluene	ND	0.0020	0.0050	"		ND				20	
1,2,3-Trichlorobenzene	ND	0.0020	0.0050	"		ND				20	
1,2,4-Trichlorobenzene	ND	0.0020	0.0050	"		ND				20	
1,1,1-Trichloroethane	ND	0.0020	0.0050	"		ND				20	
1,1,2-Trichloroethane	ND	0.0020	0.0050	"		ND				20	
Trichloroethene (TCE)	ND	0.0020	0.0050	"		ND				20	
Trichlorofluoromethane	ND	0.0020	0.0050	"		ND				20	
1,2,3-Trichloropropane	ND	0.0020	0.0050	"		ND				20	
1,2,4-Trimethylbenzene	ND	0.0020	0.0050	"		ND				20	
1,3,5-Trimethylbenzene	ND	0.0020	0.0050	"		ND				20	
Vinyl chloride	ND	0.0020	0.0050	"		ND				20	
Xylenes (total)	ND	0.0020	0.0050	"		ND				20	
t-Amyl Methyl Ether	ND	0.0020	0.0050	"		ND				20	
t-Butyl alcohol	ND	0.010	0.025	"		ND				20	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	MDL	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B6B0164 - EPA 5035/5030B MEOH											
Duplicate (B6B0164-DUP1)	**Source: 1600527-01**				Prepared & Analyzed: 05-Feb-16						
Diisopropyl Ether	ND	0.0020	0.0050	mg/kg		ND				20	
Ethanol	ND	2.0	5.0	"		ND				20	
Ethyl t-Butyl Ether	ND	0.0020	0.0050	"		ND				20	
Methyl-t-butyl ether	ND	0.0020	0.0050	"		ND				20	
Surrogate: Dibromofluoromethane	*0.0498*			*"*	*0.0502*		*99.3*	*87-125*			
Surrogate: Toluene-d8	*0.0488*			*"*	*0.0502*		*97.3*	*75-120*			
Surrogate: 4-Bromofluorobenzene	*0.0476*			*"*	*0.0502*		*94.9*	*65-127*			
Matrix Spike (B6B0164-MS1)	**Source: 1600527-01**				Prepared & Analyzed: 05-Feb-16						
Benzene	0.0996	0.0020	0.0050	mg/kg	0.100	ND	99.2	77-120			
Chlorobenzene	0.101	0.0020	0.0050	"	0.100	ND	101	74-132			
1,1-Dichloroethene	0.106	0.0020	0.0050	"	0.100	ND	105	57-140			
Toluene	0.100	0.0020	0.0050	"	0.100	ND	100	74-128			
Trichloroethene (TCE)	0.104	0.0020	0.0050	"	0.100	ND	103	70-135			
Surrogate: Dibromofluoromethane	*0.0486*			*"*	*0.0502*		*96.7*	*87-125*			
Surrogate: Toluene-d8	*0.0501*			*"*	*0.0502*		*99.8*	*75-120*			
Surrogate: 4-Bromofluorobenzene	*0.0502*			*"*	*0.0502*		*100*	*65-127*			
Matrix Spike Dup (B6B0164-MSD1)	**Source: 1600527-01**				Prepared & Analyzed: 05-Feb-16						
Benzene	0.100	0.0020	0.0050	mg/kg	0.0990	ND	101	77-120	0.798	20	
Chlorobenzene	0.104	0.0020	0.0050	"	0.0990	ND	105	74-132	2.56	20	
1,1-Dichloroethene	0.107	0.0020	0.0050	"	0.0990	ND	108	57-140	0.974	20	
Toluene	0.104	0.0020	0.0050	"	0.0990	ND	105	74-128	3.21	20	
Trichloroethene (TCE)	0.106	0.0020	0.0050	"	0.0990	ND	107	70-135	2.29	20	
Surrogate: Dibromofluoromethane	*0.0475*			*"*	*0.0495*		*96.0*	*87-125*			
Surrogate: Toluene-d8	*0.0499*			*"*	*0.0495*		*101*	*75-120*			
Surrogate: 4-Bromofluorobenzene	*0.0502*			*"*	*0.0495*		*101*	*65-127*			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	MDL	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B6B0166 - EPA 5030B VOCGCMS											
Blank (B6B0166-BLK1)					Prepared & Analyzed: 05-Feb-16						
Benzene	ND	0.25	0.50	ug/L							
Bromobenzene	ND	0.25	0.50	"							
Bromochloromethane	ND	0.25	0.50	"							
Bromodichloromethane	ND	0.25	0.50	"							
Bromoform	ND	0.25	0.50	"							
Bromomethane	ND	0.25	0.50	"							
n-Butylbenzene	ND	0.25	0.50	"							
sec-Butylbenzene	ND	0.25	0.50	"							
tert-Butylbenzene	ND	0.25	0.50	"							
Carbon tetrachloride	ND	0.25	0.50	"							
Chlorobenzene	ND	0.25	0.50	"							
Chloroethane	ND	0.25	0.50	"							
Chloroform	ND	0.25	0.50	"							
Chloromethane	ND	0.25	0.50	"							
2-Chlorotoluene	ND	0.25	0.50	"							
4-Chlorotoluene	ND	0.25	0.50	"							
1,2-Dibromo-3-chloropropane	ND	0.75	1.0	"							
Dibromochloromethane	ND	0.25	0.50	"							
Dibromomethane	ND	0.25	0.50	"							
1,2-Dichlorobenzene	ND	0.25	0.50	"							
1,3-Dichlorobenzene	ND	0.25	0.50	"							
1,4-Dichlorobenzene	ND	0.25	0.50	"							
Dichlorodifluoromethane	ND	0.26	0.50	"							
1,1-Dichloroethane	ND	0.25	0.50	"							
1,2-Dichloroethane	ND	0.25	0.50	"							
1,1-Dichloroethene	ND	0.25	0.50	"							
cis-1,2-Dichloroethene	ND	0.25	0.50	"							
trans-1,2-Dichloroethene	ND	0.25	0.50	"							
1,2-Dichloropropane	ND	0.25	0.50	"							
1,3-Dichloropropane	ND	0.25	0.50	"							
2,2-Dichloropropane	ND	0.25	0.50	"							
1,1-Dichloropropene	ND	0.25	0.50	"							
cis-1,3-Dichloropropene	ND	0.25	0.50	"							
trans-1,3-Dichloropropene	ND	0.25	0.50	"							
Ethylbenzene	ND	0.25	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.25	0.50	"							
Hexachlorobutadiene	ND	0.25	0.50	"							
Isopropylbenzene	ND	0.25	0.50	"							
4-Isopropyl Toluene	ND	0.25	0.50	"							
Methylene chloride	ND	0.50	1.0	"							

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	MDL	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B6B0166 - EPA 5030B VOCGCMS											
Blank (B6B0166-BLK1)					Prepared & Analyzed: 05-Feb-16						
Naphthalene	ND	0.25	0.50	ug/L							
n-Propylbenzene	ND	0.25	0.50	"							
Styrene	ND	0.25	0.50	"							
1,1,1,2-Tetrachloroethane	ND	0.25	0.50	"							
1,1,2,2-Tetrachloroethane	ND	0.25	0.50	"							
Tetrachloroethene (PCE)	ND	0.25	0.50	"							
Toluene	ND	0.25	0.50	"							
1,2,3-Trichlorobenzene	ND	0.25	0.50	"							
1,2,4-Trichlorobenzene	ND	0.25	0.50	"							
1,1,1-Trichloroethane	ND	0.25	0.50	"							
1,1,2-Trichloroethane	ND	0.25	0.50	"							
Trichloroethene (TCE)	ND	0.25	0.50	"							
Trichlorofluoromethane	ND	0.25	0.50	"							
1,2,3-Trichloropropane	ND	0.25	0.50	"							
1,2,4-Trimethylbenzene	ND	0.25	0.50	"							
1,3,5-Trimethylbenzene	ND	0.25	0.50	"							
Vinyl chloride	ND	0.25	0.50	"							
Xylenes (total)	ND	0.27	0.50	"							
t-Amyl Methyl Ether	ND	0.25	0.50	"							
t-Butyl alcohol	ND	2.5	10	"							
Diisopropyl Ether	ND	0.25	0.50	"							
Ethanol	ND	250	500	"							
Ethyl t-Butyl Ether	ND	0.25	0.50	"							
Methyl-t-butyl ether	ND	0.25	0.50	"							
Surrogate: Dibromofluoromethane	*11.5*			*"*	*12.5*		*92.2*	*83-131*			
Surrogate: Toluene-d8	*12.1*			*"*	*12.5*		*96.7*	*78-125*			
Surrogate: 4-Bromofluorobenzene	*11.4*			*"*	*12.5*		*91.4*	*78-134*			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	MDL	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B6B0166 - EPA 5030B VOCGCMS											
LCS (B6B0166-BS1)					Prepared & Analyzed: 05-Feb-16						
Benzene	24.4	0.25	0.50	ug/L	25.0		97.7	84-120			
Chlorobenzene	25.4	0.25	0.50	"	25.0		102	85-130			
1,1-Dichloroethene	24.0	0.25	0.50	"	25.0		96.0	63-143			
Toluene	23.7	0.25	0.50	"	25.0		94.7	84-125			
Trichloroethene (TCE)	24.9	0.25	0.50	"	25.0		99.7	70-142			
Surrogate: Dibromofluoromethane	*11.4*			*"*	*12.5*		*91.2*	*83-131*			
Surrogate: Toluene-d8	*11.9*			*"*	*12.5*		*95.4*	*78-125*			
Surrogate: 4-Bromofluorobenzene	*11.7*			*"*	*12.5*		*93.8*	*78-134*			
LCS Dup (B6B0166-BSD1)					Prepared & Analyzed: 05-Feb-16						
Benzene	25.0	0.25	0.50	ug/L	25.0		100	84-120	2.39	20	
Chlorobenzene	25.9	0.25	0.50	"	25.0		104	85-130	2.03	20	
1,1-Dichloroethene	24.2	0.25	0.50	"	25.0		97.0	63-143	0.953	20	
Toluene	24.1	0.25	0.50	"	25.0		96.5	84-125	1.92	20	
Trichloroethene (TCE)	25.4	0.25	0.50	"	25.0		102	70-142	1.95	20	
Surrogate: Dibromofluoromethane	*11.5*			*"*	*12.5*		*91.7*	*83-131*			
Surrogate: Toluene-d8	*11.8*			*"*	*12.5*		*94.8*	*78-125*			
Surrogate: 4-Bromofluorobenzene	*11.8*			*"*	*12.5*		*94.2*	*78-134*			
Duplicate (B6B0166-DUP1)	**Source: 1600510-31**				Prepared & Analyzed: 05-Feb-16						
Benzene	ND	0.25	0.50	ug/L		ND				20	
Bromobenzene	ND	0.25	0.50	"		ND				20	
Bromochloromethane	ND	0.25	0.50	"		ND				20	
Bromodichloromethane	ND	0.25	0.50	"		ND				20	
Bromoform	ND	0.25	0.50	"		ND				20	
Bromomethane	ND	0.25	0.50	"		ND				20	
n-Butylbenzene	3.23	0.25	0.50	"		3.40			5.13	20	
sec-Butylbenzene	1.65	0.25	0.50	"		1.77			7.02	20	
tert-Butylbenzene	0.430	0.25	0.50	"		0.450			4.55	20	J
Carbon tetrachloride	ND	0.25	0.50	"		ND				20	
Chlorobenzene	ND	0.25	0.50	"		ND				20	
Chloroethane	ND	0.25	0.50	"		ND				20	
Chloroform	ND	0.25	0.50	"		ND				20	
Chloromethane	ND	0.25	0.50	"		ND				20	
2-Chlorotoluene	ND	0.25	0.50	"		ND				20	
4-Chlorotoluene	ND	0.25	0.50	"		ND				20	
1,2-Dibromo-3-chloropropane	ND	0.75	1.0	"		ND				20	
Dibromochloromethane	ND	0.25	0.50	"		ND				20	
Dibromomethane	ND	0.25	0.50	"		ND				20	
1,2-Dichlorobenzene	ND	0.25	0.50	"		ND				20	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	MDL	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B6B0166 - EPA 5030B VOCGCMS											
Duplicate (B6B0166-DUP1)	**Source: 1600510-31**			Prepared & Analyzed: 05-Feb-16							
1,3-Dichlorobenzene	ND	0.25	0.50	ug/L		ND				20	
1,4-Dichlorobenzene	ND	0.25	0.50	"		ND				20	
Dichlorodifluoromethane	ND	0.26	0.50	"		ND				20	
1,1-Dichloroethane	ND	0.25	0.50	"		ND				20	
1,2-Dichloroethane	ND	0.25	0.50	"		ND				20	
1,1-Dichloroethene	ND	0.25	0.50	"		ND				20	
cis-1,2-Dichloroethene	ND	0.25	0.50	"		ND				20	
trans-1,2-Dichloroethene	ND	0.25	0.50	"		ND				20	
1,2-Dichloropropane	ND	0.25	0.50	"		ND				20	
1,3-Dichloropropane	ND	0.25	0.50	"		ND				20	
2,2-Dichloropropane	ND	0.25	0.50	"		ND				20	
1,1-Dichloropropene	ND	0.25	0.50	"		ND				20	
cis-1,3-Dichloropropene	ND	0.25	0.50	"		ND				20	
trans-1,3-Dichloropropene	ND	0.25	0.50	"		ND				20	
Ethylbenzene	0.310	0.25	0.50	"		0.330			6.25	20	J
1,2-Dibromoethane (EDB)	ND	0.25	0.50	"		ND				20	
Hexachlorobutadiene	ND	0.25	0.50	"		ND				20	
Isopropylbenzene	1.89	0.25	0.50	"		2.04			7.63	20	
4-Isopropyl Toluene	ND	0.25	0.50	"		ND				20	
Methylene chloride	ND	0.50	1.0	"		ND				20	
Naphthalene	2.08	0.25	0.50	"		2.00			3.92	20	
n-Propylbenzene	6.37	0.25	0.50	"		6.83			6.97	20	
Styrene	ND	0.25	0.50	"		ND				20	
1,1,1,2-Tetrachloroethane	ND	0.25	0.50	"		ND				20	
1,1,2,2-Tetrachloroethane	ND	0.25	0.50	"		ND				20	
Tetrachloroethene (PCE)	ND	0.25	0.50	"		ND				20	
Toluene	ND	0.25	0.50	"		ND				20	
1,2,3-Trichlorobenzene	ND	0.25	0.50	"		ND				20	
1,2,4-Trichlorobenzene	ND	0.25	0.50	"		ND				20	
1,1,1-Trichloroethane	ND	0.25	0.50	"		ND				20	
1,1,2-Trichloroethane	ND	0.25	0.50	"		ND				20	
Trichloroethene (TCE)	ND	0.25	0.50	"		ND				20	
Trichlorofluoromethane	ND	0.25	0.50	"		ND				20	
1,2,3-Trichloropropane	ND	0.25	0.50	"		ND				20	
1,2,4-Trimethylbenzene	0.410	0.25	0.50	"		0.440			7.06	20	J
1,3,5-Trimethylbenzene	ND	0.25	0.50	"		ND				20	
Vinyl chloride	ND	0.25	0.50	"		ND				20	
Xylenes (total)	0.290	0.27	0.50	"		0.290			0.00	20	J
t-Amyl Methyl Ether	ND	0.25	0.50	"		ND				20	
t-Butyl alcohol	ND	2.5	10	"		ND				20	

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	MDL	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B6B0166 - EPA 5030B VOCGCMS											
Duplicate (B6B0166-DUP1)	**Source: 1600510-31**				Prepared & Analyzed: 05-Feb-16						
Diisopropyl Ether	ND	0.25	0.50	ug/L		ND				20	
Ethanol	ND	250	500	"		ND				20	
Ethyl t-Butyl Ether	ND	0.25	0.50	"		ND				20	
Methyl-t-butyl ether	0.380	0.25	0.50	"		0.360			5.41	20	J
Surrogate: Dibromofluoromethane	*11.2*			*"*	*12.5*		*89.7*	*83-131*			
Surrogate: Toluene-d8	*11.9*			*"*	*12.5*		*94.9*	*78-125*			
Surrogate: 4-Bromofluorobenzene	*11.9*			*"*	*12.5*		*95.0*	*78-134*			
Matrix Spike (B6B0166-MS1)	**Source: 1600510-32**				Prepared & Analyzed: 05-Feb-16						
Benzene	24.5	0.25	0.50	ug/L	25.0	ND	98.0	82-118			
Chlorobenzene	25.4	0.25	0.50	"	25.0	ND	101	88-121			
1,1-Dichloroethene	23.5	0.25	0.50	"	25.0	ND	93.8	56-154			
Toluene	23.5	0.25	0.50	"	25.0	ND	94.0	82-123			
Trichloroethene (TCE)	24.6	0.25	0.50	"	25.0	ND	98.5	70-142			
Surrogate: Dibromofluoromethane	*11.6*			*"*	*12.5*		*92.4*	*83-131*			
Surrogate: Toluene-d8	*11.9*			*"*	*12.5*		*95.4*	*78-125*			
Surrogate: 4-Bromofluorobenzene	*12.0*			*"*	*12.5*		*95.6*	*78-134*			
Batch B6B0230 - EPA 5035/5030B MEOH											
Blank (B6B0230-BLK1)					Prepared & Analyzed: 08-Feb-16						
Benzene	ND	0.10	0.25	mg/kg							
Bromobenzene	ND	0.10	0.25	"							
Bromochloromethane	ND	0.10	0.25	"							
Bromodichloromethane	ND	0.10	0.25	"							
Bromoform	ND	0.10	0.25	"							
Bromomethane	ND	0.10	0.25	"							
n-Butylbenzene	ND	0.10	0.25	"							
sec-Butylbenzene	ND	0.10	0.25	"							
tert-Butylbenzene	ND	0.10	0.25	"							
Carbon tetrachloride	ND	0.10	0.25	"							
Chlorobenzene	ND	0.10	0.25	"							
Chloroethane	ND	0.10	0.25	"							
Chloroform	ND	0.10	0.25	"							
Chloromethane	ND	0.10	0.25	"							
2-Chlorotoluene	ND	0.10	0.25	"							
4-Chlorotoluene	ND	0.10	0.25	"							
1,2-Dibromo-3-chloropropane	ND	0.10	0.25	"							
Dibromochloromethane	ND	0.10	0.25	"							
Dibromomethane	ND	0.10	0.25	"							

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	MDL	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B6B0230 - EPA 5035/5030B MEOH											
Blank (B6B0230-BLK1)					Prepared & Analyzed: 08-Feb-16						
1,2-Dichlorobenzene	ND	0.10	0.25	mg/kg							
1,3-Dichlorobenzene	ND	0.10	0.25	"							
1,4-Dichlorobenzene	ND	0.10	0.25	"							
Dichlorodifluoromethane	ND	0.10	0.25	"							
1,1-Dichloroethane	ND	0.10	0.25	"							
1,2-Dichloroethane	ND	0.10	0.25	"							
1,1-Dichloroethene	ND	0.10	0.25	"							
cis-1,2-Dichloroethene	ND	0.10	0.25	"							
trans-1,2-Dichloroethene	ND	0.10	0.25	"							
1,2-Dichloropropane	ND	0.10	0.25	"							
1,3-Dichloropropane	ND	0.10	0.25	"							
2,2-Dichloropropane	ND	0.10	0.25	"							
1,1-Dichloropropene	ND	0.10	0.25	"							
cis-1,3-Dichloropropene	ND	0.10	0.25	"							
trans-1,3-Dichloropropene	ND	0.10	0.25	"							
Ethylbenzene	ND	0.10	0.25	"							
1,2-Dibromoethane (EDB)	ND	0.10	0.25	"							
Hexachlorobutadiene	ND	0.10	0.25	"							
Isopropylbenzene	ND	0.10	0.25	"							
4-Isopropyl Toluene	ND	0.10	0.25	"							
Methylene chloride	ND	0.10	0.25	"							
Naphthalene	ND	0.10	0.25	"							
n-Propylbenzene	ND	0.10	0.25	"							
Styrene	ND	0.10	0.25	"							
1,1,1,2-Tetrachloroethane	ND	0.10	0.25	"							
1,1,2,2-Tetrachloroethane	ND	0.10	0.25	"							
Tetrachloroethene (PCE)	ND	0.10	0.25	"							
Toluene	ND	0.10	0.25	"							
1,2,3-Trichlorobenzene	ND	0.10	0.25	"							
1,2,4-Trichlorobenzene	ND	0.10	0.25	"							
1,1,1-Trichloroethane	ND	0.10	0.25	"							
1,1,2-Trichloroethane	ND	0.10	0.25	"							
Trichloroethene (TCE)	ND	0.10	0.25	"							
Trichlorofluoromethane	ND	0.10	0.25	"							
1,2,3-Trichloropropane	ND	0.10	0.25	"							
1,2,4-Trimethylbenzene	ND	0.10	0.25	"							
1,3,5-Trimethylbenzene	ND	0.10	0.25	"							
Vinyl chloride	ND	0.10	0.25	"							
Xylenes (total)	ND	0.10	0.25	"							
t-Amyl Methyl Ether	ND	0.10	0.25	"							

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	MDL	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B6B0230 - EPA 5035/5030B MEOH											
Blank (B6B0230-BLK1)					Prepared & Analyzed: 08-Feb-16						
t-Butyl alcohol	ND	0.50	1.2	mg/kg							
Diisopropyl Ether	ND	0.10	0.25	"							
Ethanol	ND	100	250	"							
Ethyl t-Butyl Ether	ND	0.10	0.25	"							
Methyl-t-butyl ether	ND	0.10	0.25	"							
Surrogate: Dibromofluoromethane	*0.0500*			*"*	*0.0500*		*100*	*87-125*			
Surrogate: Toluene-d8	*0.0500*			*"*	*0.0500*		*100*	*75-120*			
Surrogate: 4-Bromofluorobenzene	*0.0493*			*"*	*0.0500*		*98.6*	*65-127*			
LCS (B6B0230-BS1)					Prepared & Analyzed: 08-Feb-16						
Benzene	5.18	0.10	0.25	mg/kg	5.00		104	70-133			
Chlorobenzene	5.18	0.10	0.25	"	5.00		104	78-137			
1,1-Dichloroethene	5.43	0.10	0.25	"	5.00		109	56-149			
Toluene	5.23	0.10	0.25	"	5.00		105	74-132			
Trichloroethene (TCE)	5.34	0.10	0.25	"	5.00		107	67-143			
Surrogate: Dibromofluoromethane	*0.0495*			*"*	*0.0500*		*99.0*	*87-125*			
Surrogate: 4-Bromofluorobenzene	*0.0494*			*"*	*0.0500*		*98.7*	*65-127*			
Surrogate: Toluene-d8	*0.0502*			*"*	*0.0500*		*100*	*75-120*			
LCS Dup (B6B0230-BSD1)					Prepared & Analyzed: 08-Feb-16						
Benzene	5.41	0.10	0.25	mg/kg	5.00		108	70-133	4.42	20	
Chlorobenzene	5.40	0.10	0.25	"	5.00		108	78-137	4.20	20	
1,1-Dichloroethene	5.51	0.10	0.25	"	5.00		110	56-149	1.46	20	
Toluene	5.39	0.10	0.25	"	5.00		108	74-132	3.01	20	
Trichloroethene (TCE)	5.49	0.10	0.25	"	5.00		110	67-143	2.70	20	
Surrogate: Dibromofluoromethane	*0.0502*			*"*	*0.0500*		*100*	*87-125*			
Surrogate: Toluene-d8	*0.0497*			*"*	*0.0500*		*99.4*	*75-120*			
Surrogate: 4-Bromofluorobenzene	*0.0496*			*"*	*0.0500*		*99.1*	*65-127*			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	MDL	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B6B0230 - EPA 5035/5030B MEOH											
Duplicate (B6B0230-DUP1)	**Source: 1600460-01**				Prepared & Analyzed: 08-Feb-16						
Benzene	ND	0.096	0.24	mg/kg		ND				20	
Bromobenzene	ND	0.096	0.24	"		ND				20	
Bromochloromethane	ND	0.096	0.24	"		ND				20	
Bromodichloromethane	ND	0.096	0.24	"		ND				20	
Bromoform	ND	0.096	0.24	"		ND				20	
Bromomethane	ND	0.096	0.24	"		ND				20	
n-Butylbenzene	0.339	0.096	0.24	"		0.645			62.1	20	QR-04
sec-Butylbenzene	ND	0.096	0.24	"		ND				20	
tert-Butylbenzene	ND	0.096	0.24	"		ND				20	
Carbon tetrachloride	ND	0.096	0.24	"		ND				20	
Chlorobenzene	ND	0.096	0.24	"		ND				20	
Chloroethane	ND	0.096	0.24	"		ND				20	
Chloroform	ND	0.096	0.24	"		ND				20	
Chloromethane	ND	0.096	0.24	"		ND				20	
2-Chlorotoluene	ND	0.096	0.24	"		ND				20	
4-Chlorotoluene	ND	0.096	0.24	"		ND				20	
1,2-Dibromo-3-chloropropane	ND	0.096	0.24	"		ND				20	
Dibromochloromethane	ND	0.096	0.24	"		ND				20	
Dibromomethane	ND	0.096	0.24	"		ND				20	
1,2-Dichlorobenzene	ND	0.096	0.24	"		ND				20	
1,3-Dichlorobenzene	ND	0.096	0.24	"		ND				20	
1,4-Dichlorobenzene	ND	0.096	0.24	"		ND				20	
Dichlorodifluoromethane	ND	0.096	0.24	"		ND				20	
1,1-Dichloroethane	ND	0.096	0.24	"		ND				20	
1,2-Dichloroethane	ND	0.096	0.24	"		ND				20	
1,1-Dichloroethene	ND	0.096	0.24	"		ND				20	
cis-1,2-Dichloroethene	ND	0.096	0.24	"		ND				20	
trans-1,2-Dichloroethene	ND	0.096	0.24	"		ND				20	
1,2-Dichloropropane	ND	0.096	0.24	"		ND				20	
1,3-Dichloropropane	ND	0.096	0.24	"		ND				20	
2,2-Dichloropropane	ND	0.096	0.24	"		ND				20	
1,1-Dichloropropene	ND	0.096	0.24	"		ND				20	
cis-1,3-Dichloropropene	ND	0.096	0.24	"		ND				20	
trans-1,3-Dichloropropene	ND	0.096	0.24	"		ND				20	
Ethylbenzene	ND	0.096	0.24	"		ND				20	
1,2-Dibromoethane (EDB)	ND	0.096	0.24	"		ND				20	
Hexachlorobutadiene	ND	0.096	0.24	"		ND				20	
Isopropylbenzene	ND	0.096	0.24	"		ND				20	
4-Isopropyl Toluene	ND	0.096	0.24	"		ND				20	
Methylene chloride	ND	0.096	0.24	"		ND				20	

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	MDL	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B6B0230 - EPA 5035/5030B MEOH											
Duplicate (B6B0230-DUP1)	**Source: 1600460-01**			Prepared & Analyzed: 08-Feb-16							
Naphthalene	2.16	0.096	0.24	mg/kg		4.02			60.3	20	QR-04
n-Propylbenzene	ND	0.096	0.24	"		ND				20	
Styrene	ND	0.096	0.24	"		ND				20	
1,1,1,2-Tetrachloroethane	ND	0.096	0.24	"		ND				20	
1,1,2,2-Tetrachloroethane	ND	0.096	0.24	"		ND				20	
Tetrachloroethene (PCE)	ND	0.096	0.24	"		ND				20	
Toluene	12.0	0.096	0.24	"		29.3			83.7	20	E, QR-04
1,2,3-Trichlorobenzene	ND	0.096	0.24	"		ND				20	
1,2,4-Trichlorobenzene	ND	0.096	0.24	"		ND				20	
1,1,1-Trichloroethane	ND	0.096	0.24	"		ND				20	
1,1,2-Trichloroethane	ND	0.096	0.24	"		ND				20	
Trichloroethene (TCE)	ND	0.096	0.24	"		ND				20	
Trichlorofluoromethane	ND	0.096	0.24	"		ND				20	
1,2,3-Trichloropropane	ND	0.096	0.24	"		ND				20	
1,2,4-Trimethylbenzene	0.141	0.096	0.24	"		0.287			68.5	20	QR-04, J
1,3,5-Trimethylbenzene	ND	0.096	0.24	"		ND				20	
Vinyl chloride	ND	0.096	0.24	"		ND				20	
Xylenes (total)	0.0963	0.096	0.24	"		0.207				20	J
t-Amyl Methyl Ether	ND	0.096	0.24	"		ND				20	
t-Butyl alcohol	ND	0.48	1.2	"		ND				20	
Diisopropyl Ether	ND	0.096	0.24	"		ND				20	
Ethanol	ND	96	240	"		ND				20	
Ethyl t-Butyl Ether	ND	0.096	0.24	"		ND				20	
Methyl-t-butyl ether	ND	0.096	0.24	"		ND				20	
Surrogate: Dibromofluoromethane	*0.0478*			*"*	*0.0482*		*99.2*	*87-125*			
Surrogate: 4-Bromofluorobenzene	*0.0485*			*"*	*0.0482*		*101*	*65-127*			
Surrogate: Toluene-d8	*0.0487*			*"*	*0.0482*		*101*	*75-120*			

DMI-EMK Environmental Services Inc. Ventura	Project: PSC1	
1056 Meta Street, Suite 101	Project Number: Winton Valero	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	17-Feb-16 17:08

Notes and Definitions

S-02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
R-06	The Reporting Limit has been raised to account for the presence of high levels of analytes.
QR-04	The RPD exceeded the QC control limits.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS and/or LCSD recovery and/or RPD values.
NH	Multiple analyses indicate the sample is non-homogenous.
J	Detected but below the RL/PQL; therefore, result is an estimated concentration.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate (CLP E-flag).
D-05	Results in the diesel organics range are primarily due to overlap from a gasoline range product.
D-04	The sample chromatographic pattern does not resemble the fuel standard used for quantitation.
A-01	The surrogate recovery for this sample was outside the in-house generated control limits but within the 70-130 percent recovery range.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the Method Limit (MDL)
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Oilfield Environmental and Compliance

307 Roemer Way, Santa Maria CA 93454
phone: (805) 922-4772 fax: (805) 925-3376 www.oecusa.com

Rev 062012

101 Adkisson Way, Taft, CA 93268
phone: (661) 762-9143

CHAIN OF CUSTODY

Page 1 of 3

Company: DMT-EMK ENVIRONMENTAL SERVICES, INC.
Address: 1056 E. MAIN ST #101
City/State/ZIP: VENTURA, CA 93001
Phone: 805-653-0633 Fax: E-mail: DMT-EMK
Report To: DMT-EMK Sampler: ERIC KIRKEGAARD
Send report via- FAX- ☐ PDF- ☒ Geotracker EDF- ☒ EDD- ☐
Turnaround Time: 10 Days- ☐ 5 Days- ☒ 72 hr- ☐ 48 hr- ☐ 24 hr- ☐ ASAP- ☐

Project Name/#: PSC1
Site: WINTON VALERO

OEC Sample ID	Date/Time Sampled	Matrix** (see key)	# of Cont.	Client Sample ID	Analysis Requested: TPH-G/D/O C8015	Analysis Requested: VOC's by 8260	Special Instructions:
1600510-1A-D	2/2/16 933	S	4	HP1-1@5'	X	X	
2A-D	940	S	4	HP1-2@10'	X	X	
3A-D	944	S	4	HP1-3@15'	X	X	
4A-D	948	S	4	HP1-4@20'	X	X	
5A-D	953	S	4	HP1-5@25'	X	X	
6A-D	958	S	4	HP1-6@30'	X	X	
7A-D	1039	S	4	HP2-1@5'	X	X	
8A-D	1045	S	4	HP2-2@10'	X	X	
9A-D	1050	S	4	HP2-3@15'	X	X	
10A-D	1054	S	4	HP2-4@20'	X	X	
11A-D	1103	S	4	HP2-5@25'	X	X	
12A-D	1109	S	4	HP2-6@30'	X	X	

Relinquished By: Date: 2/3/16 Time: 12:30
Received By: Date: 02/03/16 Time: 1230
Relinquished By: Date: Time:
Received By: Date: Time:
Relinquished By: Date: Time:
Received By: Date: Time:

** Matrix Key
A = vapor / air
S = solid / sediment
P = product / oil
HW = haz waste (Liq.)
WATER Types:
DW = drinking
GW = ground
PW = produced
SW = surface
WW = waste

Comments/PO#:

RECEIVED 4.1°C

Oilfield Environmental and Compliance

307 Roemer Way, Santa Maria CA 93454
phone: (805) 922-4772 fax: (805) 925-3376 www.oecusa.com

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101 Adkisson Way, Taft, CA 93268
phone: (661) 762-9143

CHAIN OF CUSTODY

Company: DMI-EMK ENVIRONMENTAL SERVICES, INC.
Address: 1056 E. MEDIA ST #101
City/State/ZIP: VENTURA, CA 93001
Phone: 805-653-0633 Fax: E-mail: DMI-EMK
Report To: DMI-EMK Sampler: ERIC KIRKEGAARD
Send report via- FAX- ☐ PDF- ☒ Geotracker EDF- ☒ EDD- ☐
Turnaround Time: 10 Days- ☐ 5 Days- ☒ 72 hr- ☐ 48 hr- ☐ 24 hr- ☐ ASAP- ☐

Project Name/#: ASC
Site: WINTON VALERO

OEC Sample ID	Date/Time Sampled	Matrix** (see key)	# of Cont.	Client Sample ID	Analysis Requested: TPH-G/BTEX (8015/8260)	Analysis Requested: VOA's (8260)	Special Instructions:
1600510-13A-D	2/2/16 1145	S	4	HP3-1@5'	X	X	
14A-D	1148	S	4	HP3-2@10'	X	X	
15A-D	1151	S	4	HP3-3@15'	X	X	
16A-D	1159	S	4	HP3-4@20'	X	X	
17A-D	1204	S	4	HP3-5@25'	X	X	
18A-D	1208	S	4	HP3-6@30'	X	X	
19A-D	830	S	4	HP4-1@5'	X	X	
20A-D	837	S	4	HP4-2@10'	X	X	
21A-D	843	S	4	HP4-3@15'	X	X	
22A-D	848	S	4	HP4-4@20'	X	X	
23A-D	856	S	4	HP4-5@25'	X	X	
24A-D	905	S	4	HP4-6@30'	X	X	

Relinquished By:	Date: 2/3/16	Time: 12:30
Received By:	Date: 02/03/16	Time: 1230
Relinquished By:	Date:	Time:
Received By:	Date:	Time:
Relinquished By:	Date:	Time:
Received By:	Date:	Time:

**** Matrix Key**
A = vapor / air
S = solid / sediment
P = product / oil
HW = haz waste (Liq.)

WATER Types:
DW = drinking
GW = ground
PW = produced
SW = surface
WW = waste

Comments/PO#:

Rec'd @ 4.1°C

Oilfield Environmental and Compliance

307 Roemer Way Suite 300, Santa Maria, CA 93454
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101 Adkisson Way, Taft, CA 93268
Phone: (661) 762-9143

CHAIN OF CUSTODY

Company: DMI-EMK ENVIRONMENTAL SERVICES, INC.
Address: 1056 E. MEMA ST. #101
City/State/ZIP: VENTURA, CA 93001
Phone: 805-653-0633 Fax: E-mail: DMI-EMK
Report To: DMI-EMK Sampler: ERIC KIRKEGAARD
Report Format(s): FAX- ☐ PDF (std)- ☒ Colt/LUFT EDF- ☒ EDD- ☐
Turnaround Time: 10 Days- ☐ 5 Days (std)- ☒ 3 Days- ☐ 2 Days- ☐ 1 Day- ☐ ASAP- ☐
NOTE: Samples received after 4:00PM will be considered as received the next business day

Project Name/#: ASH
Site: WINTON VALERO

QEC Sample ID	Date/Time Sampled	Matrix** (see key)	# of Cont.	Client Sample ID	Analysis Requested: 5-HT PAHs (8270SIM)	VOCs (8260B)	Special Instructions:
1600610-25A-D	2/2/16 1354	S	4	HAS-1@5'	X	X	
26A-D	1400	S	4	HAS-2@10'	X	X	
27A-D	1406	S	4	HAS-3@15'	X	X	
28A-D	1413	S	4	HAS-4@20'	X	X	
29A-D	1418	S	4	HAS-5@25'	X	X	
30A-D	1425	S	4	HAS-6@30'	X	X	
31A-E	1325	GW	5	HP1-W1	X	X	
32A-E	1445	GW	5	HP2-W1	X	X	
33A-E	1505	GW	5	HP3-W1	X	X	
34A-E	1230	GW	5	HP4-W1	X	X	
35A-E	√ 1520	GW	5	HAS-W1	X	X	

Relinquished By: [signature] Date: 2/3/16 Time: 12:30
Received By: [signature] Date: 02/03/16 Time: 1230
Relinquished By: Date: Time:
Received By: Date: Time:
Relinquished By: Date: Time:
Received By: Date: Time:

Matrix Key**:
A = air / vapor
AQ = aqueous
DW = drinking water
F = filter
GW = ground water
P = product / oil
PW = product water
S = solid / sediment
SW = surface water
WP = wipe
WW = waste water

Comments/PO#:

Rec'd @ 4.1°c

CLIENT: DMI-EMK WORK ORDER: 1600510 TEMPERATURE: 4.1 °C SAMPLE RECEIPT

Acceptable Range: 0°C to 6°C [see exception notes below]

COC RECEIVED DATE/TIME: 020316 1230 LOGIN DATE/TIME: 02/03/16 @ 1421 REFRIGERATOR(S): 8, 3, VOA Freezer

SAMPLE TRANSPORT

- ☐ OEC Courier/Sampler
- ☒ Delivery (Other than OEC)
- ☐ After-Hours Outside Drop-Off [Brought Inside]
  - Initials/Date/Time: _____
- ☐ Shipment Carrier: _____
  - Tracking #: _____

CUSTODY SEALS

☒ None Present

Cooler(s): ☐ Present, Intact ☐ Present, Not Intact ☐ None

Sample(s): ☐ Present, Intact ☐ Present, Not Intact ☐ None

SAMPLE RECEIPT, CONDITION, PRESERVATION

- ☐ Samples Received Outside Temperature Range [Acceptable]
  - ☒ ~~Direct from Field~~; on Ice
  - ☐ Ambient: Air or Filter Matrix
  - ☐ Received Ambient, Placed on Ice for Transport
  - ☐ Sample Temperature Acceptable for Analysis Requested
- ☐ Samples Received Outside Temperature Range [Exception]
  - ☐ See Problem Chain *
  - ☐ Insufficient Ice or Unknown Cause
  - ☐ Expedited PM Notification [Init/Date/Time]: _____

	YES	NO	N/A	(**) OEC PRES. ID
COC Document(s) Received With Samples	☒	☐*	☐	
Correct Container(s) for Analysis Requested	☒	☐*	☐	
Container(s) Intact and in Good Condition	☒	☐*	☐	
Container Label(s) Consistent with COC	☒	☐*	☐	
Proper Preservation on Sample Label(s)	☒	☐	☐	
OEC Preservative Added **	☐	☒	☐	
VOA Containers Free of Headspace	☒	☐*	☐	
Tedlar Bag(s) Free of Condensation	☐	☐*	☒	

(*) PROBLEM CHAIN FORM REQUIRED

CONTAINERS, COC CHANGES, AND/OR CORRECTIONS

OEC CONTAINER ID	CONTAINER DESCRIPTION	PRESERVATIVE	CHECKS: Cl⁻, S⁻ &/or pH	MATRIX	COMMENTS	INITIALS
1-30A	1 - Tube ea	-	-	S	8	
1-30B-C	2-40 mL VOAs ea	SOBI	—	↓	VOA Freezer	
1-30 D	1 - 40 mL VOA ea	MeOH	-	↓	↓	
31-35A	1 - 1L Amber ea	+	—	W	8	
31-35B-E	4 - 40 mL VOAs ea	HCl	—	↓	3	

RECEIPT LOGIN BY: _____ RECEIPT REVIEWED BY: EMA

APPENDIX G

STATE WATER RESOURCES CONTROL BOARD
LOW-THREAT UNDERGROUND STORAGE TANK CASE CLOSURE CHECKLIST

Site Name: WINTON VALERO GEOTRACKER GLOBAL ID # T10000007782
Site Address: 23990 HESPERIAN BLVD., HAYWARD, CA 94541

Site meets the criteria of the Low-Threat Underground Storage Tank (UST) Case Closure Policy as described below.[1]

General Criteria General criteria that must be satisfied by all candidate sites:	
Is the unauthorized release located within the service area of a public water system?	☑ Yes ☐ No
Does the unauthorized release consist only of petroleum?	☑ Yes ☐ No
Has the unauthorized ("primary") release from the UST system been stopped?	☑ Yes ☐ No
Has free product been removed to the maximum extent practicable?	☐ Yes ☐ No ☒ NA
Has a conceptual site model that assesses the nature, extent, and mobility of the release been developed?	☑ Yes ☐ No
Has secondary source been removed to the extent practicable?	☑ Yes ☐ No
Has soil or groundwater been tested for MTBE and results reported in accordance with Health and Safety Code Section 25296.15?	☑ Yes ☐ No
Does nuisance as defined by Water Code section 13050 exist at the site?	☐ Yes ☒ No
Are there unique site attributes or site-specific conditions that demonstrably increase the risk associated with residual petroleum constituents?	☐ Yes ☑ No
Media-Specific Criteria Candidate sites must satisfy all three of these media-specific criteria: **1. Groundwater:** To satisfy the media-specific criteria for groundwater, the contaminant plume that exceeds water quality objectives must be stable or decreasing in areal extent, and meet all of the additional characteristics of one of the five classes of sites:	
Is the contaminant plume that exceeds water quality objectives stable or decreasing in areal extent?	☐ Yes ☐ No ☒ NA
Does the contaminant plume that exceeds water quality objectives meet all of the additional characteristics of one of the five classes of sites?	☐ Yes ☐ No ☐ NA
If YES, check applicable class: ☑ **1** ☒ **2** ☐ **3** ☑ **4** ☐ **5**	

[1] Refer to the Low-Threat Underground Storage Tank Case Closure Policy for closure criteria for low-threat petroleum UST sites.

Site Name:
Site Address:

For sites with releases that have not affected groundwater, do mobile constituents (leachate, vapors, or light non-aqueous phase liquids) contain sufficient mobile constituents to cause groundwater to exceed the groundwater criteria?	☐ Yes ☐ No ☒ NA
2. Petroleum Vapor Intrusion to Indoor Air: The site is considered low-threat for vapor intrusion to indoor air if site-specific conditions satisfy all of the characteristics of one of the three classes of sites (a through c) or if the exception for active commercial fueling facilities applies. **Is the site an active commercial petroleum fueling facility?** Exception: Satisfaction of the media-specific criteria for petroleum vapor intrusion to indoor air is not required at active commercial petroleum fueling facilities, except in cases where release characteristics can be reasonably believed to pose an unacceptable health risk.	☒ Yes ☐ No
a. Do site-specific conditions at the release site satisfy all of the applicable characteristics and criteria of scenarios 1 through 3 or all of the applicable characteristics and criteria of scenario 4? If YES, check applicable scenarios: ☐ **1** ☐ **2** ☐ **3** ☐ **4**	☐ Yes ☐ No ☒ NA
b. Has a site-specific risk assessment for the vapor intrusion pathway been conducted and demonstrates that human health is protected to the satisfaction of the regulatory agency?	☐ Yes ☐ No ☒ NA
c. As a result of controlling exposure through the use of mitigation measures or through the use of institutional or engineering controls, has the regulatory agency determined that petroleum vapors migrating from soil or groundwater will have no significant risk of adversely affecting human health?	☐ Yes ☐ No ☒ NA
3. Direct Contact and Outdoor Air Exposure: The site is considered low-threat for direct contact and outdoor air exposure if site-specific conditions satisfy one of the three classes of sites (a through c).	
a. Are maximum concentrations of petroleum constituents in soil less than or equal to those listed in Table 1 for the specified depth below ground surface (bgs)?	☒ Yes ☐ No ☐ NA
b. Are maximum concentrations of petroleum constituents in soil less than levels that a site specific risk assessment demonstrates will have no significant risk of adversely affecting human health?	☐ Yes ☐ No ☒ NA
c. As a result of controlling exposure through the use of mitigation measures or through the use of institutional or engineering controls, has the regulatory agency determined that the concentrations of petroleum constituents in soil will have no significant risk of adversely affecting human health?	☐ Yes ☐ No ☒ NA