

# Phase II Environmental Site Assessment Report

Ortega Park 604 East Ortega Street Santa Barbara, California

prepared on behalf ofCity of Santa Barbara

prepared by

Rincon Consultants, Inc. 209 East Victoria Street Santa Barbara, California

June 13, 2019





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June 13, 2019 Rincon Project Number 18-06506

Paul McCaw Santa Barbara County Public Health Department Environmental Health Services Division 2125 South Centerpointe Parkway, Suite 333 Santa Maria, California 93455

Subject: Phase II Environmental Site Assessment Report – Ortega Park

604 East Ortega Street, Santa Barbara, California

Dear Mr. McCaw:

On behalf of the City of Santa Barbara, Rincon Consultants, Inc. has prepared this Phase II Environmental Site Assessment Report for the Ortega Park site located at 604 East Ortega Street, Santa Barbara, California. This report summarizes the results and findings of the soil and groundwater sampling performed within the project area.

Please contact us with any questions regarding this report or this project.

Sincerely,

Rincon Consultants, Inc.

Cody Wilgus, MESM, GIT

Associate Environmental Scientist

Walt Hamann, PG, CEG Vice President, Environmental Services

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City of Santa Barbara – Ortega Park Phase II Environmental Site Assessment Report

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# **Executive Summary**

On behalf of the City of Santa Barbara, Rincon Consultants, Inc. (Rincon) has prepared this Phase II Environmental Site Assessment (ESA) Report for the Ortega Park site located at 604 East Ortega Street, Santa Barbara, California (Figure 1, Vicinity Map). It is our understanding that the site was used as a municipal waste dump from at least 1902 until at least 1927. Between 1927 and 1930, the site was developed to its current use as a City park. There are plans to rehabilitate the park with new features such as a skate park and upgraded playing fields. The current assessment was performed to evaluate whether contaminated soil would be encountered during subsurface activities associated with the park rehabilitation.

This Phase II ESA was performed in accordance with the March 22, 2019 Phase II ESA Work Plan prepared by Rincon and the April 1, 2019 approval email from the Santa Barbara County Public Health Department, Environmental Health Services Division (EHS). On April 16, 2019, under the direction of Rincon, Oilfield Environmental and Compliance (OEC) utilized a limited access Geoprobe direct push rig and hand auger to advance 20 borings at the subject property. Five borings were advanced to 10 feet below grade, 14 borings were advanced to 4 feet below grade, and 1 boring met refusal at 1 foot below grade. Two soil matrix samples were collected from each of the 10-foot and 4-foot borings and 1 soil sample was collected from the 1-foot boring. Discoloration and odor were noted at some boring locations. The photo ionization detector (PID) did not detect measureable concentrations of VOCs in any of the borings with the exception of RB3. Groundwater samples were collected from borings HP2 through HP5. Groundwater was not encountered in boring HP1. The groundwater sample collected from HP3 exhibited a sheen and slight hydrocarbon odor.

Soil sample analyses were performed using a tiered approach. Soil samples were analyzed as follows: 30 soil samples were analyzed for Full Range total petroleum hydrocarbons (TPH) by United States Environmental Protection Agency (EPA) Method 8015M, 30 soil samples were analyzed for polycyclic aromatic hydrocarbons (PAHs) by EPA Method 8270, 12 soil samples were analyzed for volatile organic compounds (VOCs), including oxygenates, by EPA method 8260B, 5 soil samples were analyzed for polychlorinated biphenyls (PCBs) by EPA Method 8082, and 25 soil samples were analyzed for Title 22 metals by EPA Method 6010B/7471A. Additional total, soluble threshold limit concentration (STLC), and toxicity characteristic leaching procedure (TCLP) analyses for individual metals were selected based on initial results.

Four groundwater samples were analyzed for TPH as diesel (TPHd) and TPH as motor oil (TPHo) by EPA Method 8015M and for VOCs, including TPH as gasoline (TPHg) and oxygenates, by EPA Method 8260B. Soil matrix and groundwater analytical results are compared to EHS investigation levels (ILs).

A summary of the soil analytical results are included on Tables 1 through 3. Constituents were detected at concentrations exceeding EHS ILs in soil matrix samples collected from 12 of the 20 borings advanced at the subject property down to 10 feet below grade. PCBs were not detected in the analyzed soil samples.

TPH was detected at concentrations exceeding the EHS IL of 100 mg/kg in 8 of the 20 borings advanced at the subject property (Figure 3). The highest concentration of TPH was detected in soil sample RB6-4 (soil sample collected at 4 feet below grade from boring RB6) at a concentration of 12,700 mg/kg. The TPH detected in the soil samples was primarily in the diesel and motor oil ranges.



TPH concentrations exceeding EHS ILs were generally detected in the northeastern, eastern, and southern portions of the subject property.

The benzo (a) pyrene (BaP) Toxicity Equivalent (TE) exceeds the EHS IL for BaP of 0.11 mg/kg in 5 of 20 borings advanced at the subject property (Figure 5). Similar to the TPH, the highest concentrations of PAHs were detected in soil sample RB6-4. BaP TE was calculated as 75 mg/kg in soil sample RB6-4. PAH concentrations exceeding EHS ILs were generally detected in soil samples collected from borings located in the north central and northeastern portions of the subject property.

Metals were detected at concentrations exceeding EHS ILs in 12 of the 20 borings advanced at the subject property. Metals exceeding EHS ILs included arsenic, barium, chromium, lead, mercury, thallium and zinc. Lead was detected at concentrations exceeding California Hazardous Waste Thresholds in soil samples collected from 7 borings advanced in the eastern and southern portions of the subject property. Zinc was detected at a concentration exceeding California Hazardous Waste Thresholds in the soil sample collected from boring RB6. TCLP lead was detected in soil sample HP4-10 at a concentration of 4.7 milligrams per liter (mg/L) which is below the Federal Hazardous Waste Threshold of 5 mg/L.

A summary of the groundwater analytical results are included on Table 4. TPH was detected in the 4 groundwater samples at concentrations ranging from 57 micrograms per liter ( $\mu$ g/L) to 3,300  $\mu$ g/L. TPH detected in groundwater sample HP3 exceeds the EHS IL of 1,000  $\mu$ g/L. The VOCs benzene and t-butyl alcohol (TBA) were detected at concentrations exceeding EHS ILs in groundwater samples HP3 and HP5. Trichloroethene (TCE) was detected at a concentration of 0.31  $\mu$ g/L, which is below the EHS IL for TCE in groundwater of 5 micrograms per liter ( $\mu$ g/L).

Lead and zinc were detected in the soil at concentrations exceeding California Hazardous Waste Thresholds. It is recommended that a Soil Management Plan be prepared that describes the proper handling, management, and disposal of impacted soil from the site. The Soil Management Plan should be in place for any subsurface work that is performed in the area of the site where contaminated soil has been detected.



# Introduction

On behalf of the City of Santa Barbara, Rincon Consultants, Inc. has prepared this report presenting the findings of the Phase II Environmental Site Assessment (ESA) conducted at Ortega Park, located at 604 East Ortega Street, Santa Barbara, California (Figure 1, Vicinity Map). The subject property is approximately 5.35 acres in size and is identified as Assessor's Parcel Number 031-172-002. Ortega Park is currently developed with a multi-purpose turf field, outdoor basketball courts, a youth softball field, a playground, a small community building, a restroom building, a swimming pool, and a pool house.

It is our understanding that the site was used as a municipal waste dump from at least 1902 until at least 1927. Between 1927 and 1930, the site was developed as a City park. There are plans to rehabilitate the park with new features such as a skate park and upgraded playing fields. This assessment was performed to evaluate whether contaminated soil management would be warranted during subsurface activities associated with the planned site improvements.

This Phase II ESA was performed in accordance March 22, 2019 Phase II ESA Work Plan prepared by Rincon and the April 1, 2019 approval email from the Santa Barbara County Public Health Department, Environmental Health Services Division (EHS).

The following sections describe the purpose and scope of the soil and groundwater assessment, the physical setting, the assessment methodology, findings, and conclusions.

# **Project History**

According to a Request for Proposal from the City of Santa Barbara, the City purchased the site in 1902. The site served as a municipal waste dump for debris disposal resulting from the 1925 earthquake. Between 1927 and 1930, the site was developed as a City park. Debris has been encountered in trenches excavated at the site and EHS investigation records from 1992 to 1993 reference a dump at the site. Rincon is not aware of previous environmental sampling being performed at the site. The City is investigating the feasibility of performing park improvements including installing artificial turf fields, security lighting, park restrooms, and other facilities.

# **Purpose and Scope**

The purpose of this Phase II ESA is to evaluate concentrations of total petroleum hydrocarbons (TPH), metals, polycyclic aromatic hydrocarbons (PAHs), polychlorinated biphenyls (PCBs), and volatile organic compounds (VOCs) in the soil and concentrations of TPH and VOCs in groundwater at the subject property.

- Site Health and Safety Plan. The site health and safety plan was prepared in accordance with California Occupational Safety and Health Administration (Cal/OSHA) requirements (California Code of Regulations [CCR] Title 8 Section 5192).
- Notifications. Rincon coordinated with the client to schedule field work. Rincon pre-marked boring locations and contacted Underground Service Alert (USA) at least 72 hours prior to the commencement of subsurface activities.
- Borings. On April 16, 2019 a Geoprobe direct push rig and hand auger tools were utilized to advance 20 soil borings at the subject property.
  - 5 borings were advanced to 10 feet below grade.
  - 14 borings were advanced to 4 feet below grade.
  - 1 boring met refusal at 1 foot below grade.
  - Groundwater samples were collected from temporary groundwater wells set at boring locations HP1, HP3, HP4 and HP5.
- Sample Analysis. Soil and groundwater samples were transported to Oilfield Environmental and Compliance (OEC) laboratory in Santa Maria, California. Soil samples were analyzed as follows:
  - 30 soil samples were analyzed for Full Range TPH by United States Environmental Protection Agency (EPA) Method 8015M.
  - 30 soil samples were analyzed for PAHs by EPA Method 8270.
  - 12 soil samples were analyzed for VOCs, including oxygenates, by EPA method 8260B.
  - 5 soil samples were analyzed for PCBs by EPA Method 8082.
  - 25 soil samples were analyzed for Title 22 metals by EPA Method 6010B/7471A.
    - 1 additional sample was analyzed for total arsenic by EPA Method 6010B.
    - 1 additional sample was analyzed for total barium by EPA Method 6010B.
      - 1 sample was analyzed for soluble threshold limit concentration (STLC) barium.
    - 2 additional samples were analyzed for total chromium by EPA Method 6010B.
      - 2 samples were analyzed for STLC chromium.
      - 1 sample was analyzed for toxicity characteristic leaching procedure (TCLP) chromium.
    - 31 additional samples were analyzed for total lead by EPA Method 6010B.
      - 8 samples were analyzed for STLC lead.
      - 11 samples were analyzed for TCLP lead.



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- 1 additional sample was analyzed for total mercury by EPA Method 7471A.
  - 1 sample was analyzed for STLC mercury.
- 3 additional samples were analyzed for total thallium by EPA Method 6010B.
- 1 additional sample was analyzed for total zinc by EPA Method 6010B.
  - 1 sample was analyzed for STLC zinc.

#### Groundwater samples were analyzed as follows:

- 4 groundwater samples were analyzed for TPH as diesel (TPHd) and TPH as motor oil (TPHo)
   by EPA Method 8015M and TPHg and VOCs including oxygenates by EPA 8260B.
- Waste Disposal. Soil cuttings and decontamination fluids were properly stored onsite in a labeled Department of Transportation (DOT) 55 gallon drum. The borings were backfilled with bentonite. The drum is pending disposal by a licensed waste disposal contractor.
- **Reporting.** Prepare this report documenting our findings.



# **Physical Setting**

# Topography

The current United States Geological Survey (USGS) topographic map (Santa Barbara Quadrangle, 1952, photo revised 1988) indicates that the subject property is situated at an elevation of approximately 40 feet above mean sea level with generally flat topography. Regional topography slopes gently to the south towards the Pacific Ocean.

# Geology and Hydrogeology

## Site Geology

The site is located on the gently sloping Santa Barbara Coastal Plain, which is comprised of recentaged alluvium, deposited across raised marine terraces. These alluvial deposits were derived from older sedimentary deposits within the Santa Ynez Mountains north of the site, and overlie the Quaternary aged Santa Barbara Formation. Soil encountered during the current assessment generally consisted of silt with varying amounts of sand and clay.

No active faults have been mapped by Dibblee (1986) beneath the subject property. An active fault is defined by the State of California as one which has had surface displacement within the last 11,000 years (Holocene time on the geologic time scale). Active faults are also classified by historic (within the last 200 years) seismicity, where surface rupture may or may not be evident. The concealed trace of the potentially active Mesa Fault is located approximately 1 mile south-southwest of the subject property.

## Regional Groundwater Occurrence

The project site is located within the Santa Barbara Hydrologic sub-area of the South Coast Hydrologic Unit, commonly known as the Santa Barbara Groundwater Basin. The basin is bounded on the southeast by the Pacific Ocean, on the southwest by the Lavigia Fault, on the west by an unnamed fault, and on the north by the Mission Ridge Fault. The Santa Barbara Formation and overlying unconsolidated Holocene alluvium comprise the water bearing zones within this unit. Aquifers within the Santa Barbara Groundwater Basin are used for municipal and domestic water supply. In the site vicinity, the unconsolidated Holocene alluvium aquifer is approximately 200 to 400 feet below grade and the Santa Barbara Formation is located at up to approximately 1,000 feet below grade. It is our understanding that there is a water well located at the subject property. Rincon has not reviewed records for the well.

Records were reviewed on the State Water Resources Control Board's GeoTracker website. GeoTracker records for the R.J. Carroll and Sons Plumbing site located adjacent to the subject property to the southwest indicate that as recently as 2014, groundwater has been encountered at depths ranging from less than 1 foot below grade to approximately 6 feet below grade. Based on information from this and other nearby sites, the local groundwater flow direction in the shallow zone is toward the east, and the regional groundwater flow direction in the shallow zone is



the ocean (south to southeast). During the current assessment, groundwater was encountered in the southwest portion of the site at 5 feet below grade.

# Methodology

# Borings and Sampling

## **Boring Locations**

The boring locations are depicted on Figure 2, Site Map. The locations and depths of the borings were based upon the proposed new park design outlined in *Ortega Park – Alternative Concept B*, drafted by the RRM Design Group and provided to Rincon by the City (Appendix D). The locations of the borings were recorded in the field with a GPS device with sub-meter accuracy. The geographic coordinates of the borings are included on Figure 2.

### Drilling and Soil Sampling

On April 16, 2019, under the direction of Rincon, OEC utilized a limited access Geoprobe direct push rig and hand auger to advance 20 borings at the subject property. Five borings were advanced to 10 feet below grade (HP1 through HP5), 14 borings were advanced to 4 feet below grade (RB1 through RB11 and RB13 through RB15), and 1 boring was advanced to refusal at 1 foot below grade (RB12). Initially, the Geoprobe was utilized to advance boring RB12. However, unconsolidated soil driven into the sampler could not be retrieved before falling back into the boring. A hand auger was then utilized to advance the boring. Refusal was met at 1 foot below grade using the hand auger. Two step-outs were attempted with the hand auger and each met refusal at 1 foot below grade. Abundant debris was encountered in each of the hand auger attempts.

Two soil matrix samples were collected from each of the 10-foot borings at depths of approximately 4.5 to 5.0 and 9.5 to 10.0 feet below grade. Two soil matrix samples were collected from each of the 4-foot borings at depths of approximately 1.5 to 2.0 and 3.5 to 4.0 feet below grade. One soil sample was collected at a depth of approximately 0.5-1.0 feet below grade from boring RB12. Soil sample depths were adjusted in the field to collect soil samples from changes in lithology, depths exhibiting field evidence of contamination (including evidence of fill material such as glass, bricks, and other debris), and from the bottom of the boring.

The Geoprobe borings were continuously cored by hydraulically driving a two-inch diameter rod into the ground. The macro-core consisted of a 2-inch diameter tube containing a 4 or 5 foot long acetate sleeve liner. By advancing this sampler into the soil, soil was forced into the opening of the sampling tube and a sample was obtained. Once the sampler was filled, it was retrieved and the acetate liner was removed. The designated sampling section length (6 to 12 inches) was cut and retained for laboratory analysis. The acetate sleeves holding the soil samples were labeled, sealed with Teflon, capped, and stored in a cooler chilled to 4 degrees Celsius. Samples were couriered to a state certified analytical laboratory using chain-of-custody protocol.

Unretained soil recovered near the target sample intervals was used to field screen the soil sample for VOCs and classify the soils. A photoionization detector (PID) was used to field screen the sample. To screen the soil, a small soil volume was placed in a zip lock baggie and allowed to volatilize. After a period of time, the baggie was slightly opened, and the PID probe tip was placed within one-eighth inch of the soil inside the baggie. Prior to testing, the PID was calibrated to an isobutylene standard.



PID data are recorded on the soil boring logs. Observations made in the field were recorded on the log created for each boring. The boring logs include classification of the soil per the Unified Soil Classification System, a description of any discoloration, debris, or odors noted in the soil, and any detection measured by the PID. The boring logs are included as Appendix A.

Soil sample collection was in conformance with the current version of the United States EPA, SW-846 guidance document – *Test Methods for Evaluating Solid Waste.* 

Following collection of soil samples, all equipment was washed in a soap solution and double rinsed with tap water. Upon completion of sampling, the boreholes were backfilled with bentonite. Soil cuttings and decontamination water were properly stored onsite in a labeled DOT 55 gallon drum pending disposal.

All sampling was performed under the oversight of a California Professional Geologist.

### Groundwater Sampling

Following the completion of soil sampling, temporary groundwater wells were constructed at boring locations HP2 through HP5. The temporary wells were constructed of %-inch diameter Schedule 40 PVC piping with 5 feet of 0.010-inch slotted screen. Groundwater was allowed to accumulate in each well and groundwater samples were collected using a disposable tube fitted with a reusable check valve. The reusable check valve was washed in a soap solution and double rinsed with tap water prior to sampling each well. The sampling containers and volume were commensurate with the analytical requirements for the specific analytical procedure performed. The groundwater samples were labeled, sealed, and stored in a cooler chilled to 4 degrees Celsius. The samples were couriered to a state certified laboratory using chain-of-custody protocol.

### Laboratory Analysis

### Soil Matrix Sample Analysis

The soil matrix samples were transported to OEC laboratory in Santa Maria, California. Soil sample analyses were performed using a tiered approach. Initially, 24 soil samples were analyzed for Full Range TPH by EPA Method 8015M, PAHs by EPA Method 8270, and Title 22 metals by EPA Method 6010B/7471A. Select soil samples were analyzed for VOCs including oxygenates by EPA Method 8260B and PCBs by EPA Method 8082 based on field evidence of contamination. Soil samples collected, but not analyzed, were placed on hold with the analytical laboratory pending results of the scheduled analyses.

Following preliminary analytical results, soil samples that detected a total metal concentration above 10 times the STLC were analyzed for STLC for that metal. Soil samples that detected a total metal concentration above 20 times the STLC were analyzed for TCLP for that metal. Additional analyses for total metals, TPH, and PAHs were selected to further delineate the vertical extent of contamination. Soil samples were analyzed as follows:

- 30 soil samples were analyzed for Full Range TPH by EPA Method 8015M.
- 30 soil samples were analyzed for PAHs by EPA Method 8270.
- 12 soil samples were analyzed for VOCs, including oxygenates, by EPA method 8260B.
- 5 soil samples were analyzed for PCBs by EPA Method 8082.
- 25 soil samples were analyzed for Title 22 metals by EPA Method 6010B/7471A.
  - 1 additional sample was analyzed for total arsenic by EPA Method 6010B.



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- 1 additional sample was analyzed for total barium by EPA Method 6010B.
  - 1 sample was analyzed for soluble threshold limit concentration (STLC) barium.
- 2 additional samples were analyzed for total chromium by EPA Method 6010B.
  - 2 samples were analyzed for STLC chromium.
  - 1 sample was analyzed for toxicity characteristic leaching procedure (TCLP) chromium.
- 6 additional samples were analyzed for total lead by EPA Method 6010B.
  - 8 samples were analyzed for STLC lead.
  - 11 samples were analyzed for TCLP lead.
- 1 additional sample was analyzed for total mercury by EPA Method 7471A.
  - 1 sample was analyzed for STLC mercury.
- 3 additional samples were analyzed for total thallium by EPA Method 6010B.
- 1 additional sample was analyzed for total zinc by EPA Method 6010B.
  - 1 sample was analyzed for STLC zinc.

## **Groundwater Sample Analysis**

Four groundwater samples were analyzed for TPHd and TPHo by EPA Method 8015M and for TPHg and VOCs including oxygenates by EPA Method 8260B.

# **Screening Criteria**

The subject property is within the jurisdictional area of the Central Coast Regional Water Quality Control Board (RWQCB). The Central Coast RWQCB regulates groundwater quality in Santa Barbara County. EHS works in conjunction with the Central Coast RWQCB. The goal of EHS is to protect human health, water resources, and the environment from unauthorized releases by providing oversight in accordance with the California Health and Safety Code, California Fire Code, and California Code of Regulations (Leaking Underground Fuel Tank & Site Mitigation Unit Manual, January 2007).

Constituent concentrations detected in the soil samples are compared to EHS investigation levels. In our experience, EHS commonly sets ILs for contaminants in soil at the San Francisco Bay RWQCB's Environmental Screening Levels (ESLs). The screening levels are not necessarily cleanup goals.

## Soil Matrix

#### PAHs, VOCs, and PCBs

EHS ILs for PAHs, VOCs, and PCBs are set at Tier 1 ESLs. Tier 1 ESLs are considered to be conservative concentration thresholds based on a generic site model designed for use at most sites. ESLs were updated in January 2019.

### **TPH**

The EHS IL for TPH is for the aggregate of all carbon chains. For sites where the detected concentrations of TPH in soil are less than 50 feet above groundwater, the EHS IL for TPH in soil is 100 milligrams per kilogram (mg/kg). EHS distinguishes the type of hydrocarbons by the following carbon ranges: gasoline range organics are in the carbon 4 ( $C_4$ ) to  $C_{12}$  range, diesel range organics are in the  $C_{13}$  to  $C_{22}$  range, and oil range organics are in the  $C_{23}$  to  $C_{40}$  range. The analytical laboratory (OEC) used for the current assessment distinguishes the type of hydrocarbons by the same carbon ranges as EHS.

### Metals

EHS ILs for metals are set at the Tier 1 ESL, the upper level of typical background concentrations, or a solid concentration equal to 10 times the STLC value. Typical background concentrations for metals in soil in California are as referenced in Kearny Foundation of Soil Science, Division of Agriculture and Natural Resources, University of California, March 1996.

# Groundwater

## TPH

The EHS IL for TPH in groundwater is 1 milligram per liter (mg/L) or 1,000 micrograms per liter ( $\mu$ g/L).



# **VOCs**

VOC concentrations in the groundwater are compared to Maximum Contaminant Levels (MCLs) for drinking water established by the United States EPA and the California EPA (currently through the State Water Resources Control Board, 2012).

# Results

### Soil Matrix

Organic odor similar to decomposing vegetation was noted in the soil matrix sample collected at 10 feet below grade from boring HP3. Possible grey and black staining was encountered in borings RB4, RB5, RB6, RB9, and RB10. Debris, including glass, metal, and building materials such as brick, was noted in borings HP2, RB4, RB6, RB7, RB9, RB10, RB11, and RB12. Soil encountered in the borings generally consisted of silt with varying amounts of sand and clay. Field screening with the PID did not detect measureable concentrations of VOCs in the borings with the exception of RB3. Soil screened in boring RB3 at 2 and 4 feet below grade detected VOCs at concentrations of 4 parts per million by volume (ppmv) and 10 ppmv, respectively.

A summary of the soil analytical results are included on Tables 1 through 3. Soil matrix laboratory analytical reports are included in Appendix B.

## Full Range TPH

Full Range TPH is the aggregate of all carbon chains. As summarized on Table 1, Full Range TPH was detected in 21 of the 30 analyzed soil samples at concentrations ranging from 0.32 mg/kg to 12,700 mg/kg. Full Range TPH was detected in 12 soil samples at concentrations exceeding the EHS IL of 100 mg/kg. The highest concentration of Full Range TPH was detected in the soil sample collected at 4 feet below grade from boring RB6.

The following describes the breakdown of the aggregate TPH concentrations to TPHg, TPHd, and TPHo.

#### **TPHg**

TPHg was detected in 2 of the analyzed soil samples at concentrations of 0.32 mg/kg and 3.4 mg/kg, below the EHS IL of 100 mg/kg.

#### **TPHd**

TPHd was detected in 12 of the analyzed soil samples at concentrations ranging from 9.6 mg/kg to 5,800 mg/kg. TPHd was detected in 6 soil samples at concentrations exceeding the EHS IL of 100 mg/kg. The highest concentration of TPHd was detected in the soil sample collected at 4 feet below grade from boring RB6. TPHd detected at this location exceeds the construction worker ESL for TPHd in soil of 1,100 mg/kg and the commercial/industrial ESL for TPHd in soil of 1,200 mg/kg.

#### ТРНо

TPHo was detected in 17 of the analyzed soil samples at concentrations ranging from 40 mg/kg to 8,000 mg/kg. TPHo was detected in 11 soil samples at concentrations exceeding the EHS IL of 100 mg/kg. The highest concentration of TPHo was detected in the soil sample collected at 4 feet below grade from boring RB4. TPHo was detected in 5 soil samples at concentrations exceeding the Tier 1



ESL for TPHo in soil of 1,600 mg/kg. None of the TPHo detections exceed the commercial/industrial or construction worker ESLs for TPHo in soil.

#### Metals

As summarized on Table 2, varying concentrations of metals were detected in the soil matrix samples. Arsenic, barium, chromium, lead, mercury, thallium, and zinc were detected at concentrations exceeding EHS ILs.

The following describes concentrations of individual metals that exceed screening criteria.

#### Arsenic

Arsenic was detected in the 26 analyzed soil samples at concentrations ranging from 2 mg/kg to 20 mg/kg and in 1 sample at a concentration exceeding the EHS IL for arsenic in the soil of 11 mg/kg. Arsenic was detected in the soil sample collected at 4 feet below grade from boring RB7 at a concentration of 20 mg/kg.

#### **Barium**

Barium was detected in the 26 analyzed soil samples at concentrations ranging from 25 mg/kg to 1,200 mg/kg and in 1 sample at a concentration exceeding the EHS IL for barium in soil of 1,000 mg/kg. Barium was detected in the soil sample collected at 4 feet below grade from boring RB7 at a concentration of 1,200 mg/kg. This sample was analyzed for STLC barium. STLC barium was not detected above the STLC of 100 mg/L.

#### Chromium

Chromium was detected in the 27 analyzed soil samples at concentrations ranging from 11 to 120 mg/kg and in 2 samples at concentrations exceeding the EHS IL for chromium in soil of 50 mg/kg. Chromium was detected in the soil samples collected at 4 feet below grade from borings RB5 and RB7 at concentrations of 120 mg/kg and 72 mg/kg, respectively. Both samples were analyzed for STLC chromium and the sample collected from RB5 was analyzed for TCLP chromium. STLC and TCLP chromium were not detected above the STLC and TCLP of 5 mg/L.

#### Lead

Lead was detected in the 31 analyzed soil samples at concentrations ranging from 4.2 mg/kg to 4,600 mg/kg. Lead was detected in 12 soil samples at concentrations exceeding the ESH IL for lead in soil of 50 mg/kg. Soil samples collected from borings RB5, RB6, RB7, RB10, RB12, and HP4 detected lead at concentrations exceeding the construction worker ESL for lead in soil of 160 mg/kg. Soil samples collected from borings RB5, RB7, RB10, and HP4 detected lead at concentrations exceeding the commercial/industrial ESL for lead in soil of 320 mg/kg. Lead detected in soil samples collected at 4 feet below grade from borings RB5 and RB10 exceed the total threshold limit concentration (TTLC) for lead of 1,000 mg/kg.

Eight soil samples were analyzed for STLC lead. STLC lead was detected in 6 of the analyzed samples at concentrations exceeding the STLC threshold for lead of 5 mg/L. Eleven soil samples were analyzed for TCLP lead. TCLP lead was not detected above the TCLP threshold for lead of 5 mg/L. TCLP lead was detected in soil sample HP4-10 at a concentration of 4.7 milligrams per liter (mg/L) which is below the Federal Hazardous Waste Threshold of 5 mg/L.



### Mercury

Mercury was detected 24 of the 26 analyzed soil samples at concentrations ranging from 0.0099 mg/kg to 2.1 mg/kg and in 1 sample at a concentration exceeding the EHS IL for mercury in soil of 2 mg/kg. Mercury was detected in the soil sample collected at 4 feet below grade from boring RB5 at a concentration of 2.1 mg/kg. This sample was analyzed for STLC mercury. STLC mercury was not detected above the STLC of 0.2 mg/L.

#### Thallium

Thallium was detected in 21 of the 28 analyzed soil samples at concentrations ranging from 0.46 mg/kg to 2.8 mg/kg in 13 samples at concentrations exceeding the EHS IL for thallium in soil of 2 mg/kg. The highest concentration of thallium was detected in boring HP5. Thallium was not detected at concentrations exceeding the construction worker ESL for thallium in soil of 3.5 mg/kg or the commercial/industrial ESL for thallium in soil of 12 mg/kg.

#### Zinc

Zinc was detected in the 26 analyzed soil samples at concentrations ranging from 11 mg/kg to 3,300 mg/kg and in 1 soil sample at a concentration exceeding the EHS IL for zinc in soil of 2,500 mg/kg. Zinc was detected in the soil sample collected at 4 feet below grade from boring RB6 at a concentration of 3,300 mg/kg. This sample was analyzed for STLC zinc. STLC zinc was detected at a concentration of 330 mg/L, exceeding the STLC of 250 mg/L.

#### **PAHs**

As summarized on Table 3, varying concentrations of PAHs were detected in the soil matrix samples. Benz (a) anthracene, benzo (b) fluoranthene, benzo (a) pyrene (BaP), dibenz (a,h) anthracene, indeno (1,2,3-cd) pyrene, and naphthalene were detected at concentrations exceeding EHS ILs. The highest concentrations of PAHs were detected in the soil sample collected at 4 feet below grade from boring RB6.

#### **BaP Toxicity Equivalent Factors**

The Provisional Guidance for Quantitative Risk Assessment of Polycyclic Aromatic Hydrocarbons (EPA/600/R-93/089, July 1993) recommends that a toxicity equivalent factor (TEF) be used to convert concentrations of carcinogenic PAHs to a BaP Toxicity Equivalent (TE) concentration when evaluating the cancer risks posed by exposure to these substances. The TEFs and the TEs for each soil sample are included in Table 3. Calculated BaP TEs are compared to screening levels for BaP.

The calculated BaP TEs range from not detected to 75 mg/kg. The calculated BaP TE exceeds the EHS IL for BaP in soil of 0.11 mg/kg in 7 of the 30 analyzed soil samples. BaP TEs for soil samples collected at 4 feet below grade from borings RB5 and RB6 were calculated to be 25 mg/kg and 75 mg/kg, respectively, exceeding the commercial/industrial ESL for BaP in soil of 20 mg/kg. None of the calculated BaP TEs exceed the construction worker ESL for BaP in soil of 110 mg/kg.

#### **VOCs**

The VOC 4-isopropyl toluene was detected in the soil sample collected at 3 feet below grade from boring RB3 at a concentration of 0.12 mg/kg. Screening levels have not been established for 4-isopropyl toluene in the soil. VOCs were not detected above the method detection limit in any of the other analyzed soil samples. Results for VOCs in soil samples are summarized on Table 1.



#### **PCBs**

As summarized on Table 1, PCBs were not detected above the method detection limit in the 5 analyzed soil samples.

# Groundwater

Groundwater samples were collected from borings HP2 through HP5. Groundwater was not encountered in boring HP1. The groundwater sample collected from HP3 exhibited a sheen and slight hydrocarbon odor. A summary of the groundwater analytical results are included on Table 4. The groundwater laboratory analytical report is included in Appendix B.

## Full Range TPH

As summarized on Table 4, Full Range TPH was detected in the 4 groundwater samples at concentrations ranging from 57  $\mu$ g/L to 3,300  $\mu$ g/L. Full Range TPH detected in groundwater sample HP3 exceeds the EHS IL of 1,000  $\mu$ g/L.

The following describes the breakdown of the aggregate TPH concentrations to TPHg, TPHd, and TPHo.

## **TPHg**

TPHg was not detected above the method detection limit in any of the groundwater samples. It should be noted that groundwater samples HP3 and HP4 reported an elevated method detection limit of 200  $\mu$ g/L, due to sample dilutions. The EHS IL for TPHg in groundwater is 1,000  $\mu$ g/L.

#### **TPHd**

TPHd was detected in 3 of the 4 groundwater samples at concentrations ranging from 81  $\mu$ g/L to 1,300  $\mu$ g/L. TPHd detected in groundwater sample HP3 exceeds the EHS IL of 1,000  $\mu$ g/L.

#### **TPHo**

TPHo was detected in the 4 groundwater samples at concentrations ranging from 57  $\mu$ g/L to 2,000  $\mu$ g/L. TPHo detected in groundwater sample HP3 exceeds the EHS IL of 1,000  $\mu$ g/L.

#### **VOCs**

As summarized on Table 4, the VOCs benzene, t-butyl alcohol (TBA), toluene, and trichloroethene (TCE) were detected in the groundwater samples. Benzene was detected in groundwater sample HP5 at a concentration of 1.0  $\mu$ g/L, equal to the MCL of 1  $\mu$ g/L. TBA does not have an established MCL. VOCs were not detected above method detection limits in groundwater sample HP4.

# Discussion

## Distribution of Contaminants in Soil

Metals and TPH were generally detected at concentrations exceeding EHS ILs in soil samples collected from borings advanced in the eastern half of the subject property. PAHs were detected at concentrations exceeding EHS ILs in soil samples collected from borings advanced in the northern half of the subject property.

Metals and PAH concentrations increased with depth at some locations. This could be the result of cover material over the dumped materials. It is unknown if the entire site was used for dumping or only the eastern portion of the site.

#### Hazardous Waste Characterization

As depicted on Figure 4, lead concentrations exceeding California (non-RCRA) Hazardous Waste Thresholds were detected in borings RB5, RB6, RB7, RB9, RB10, RB12, and HP4, advanced in the eastern half of the subject property. Boring RB6 also detected zinc at a concentration exceeding the California Hazardous Waste Threshold for zinc in soil.

## Distribution of Contaminants in Groundwater

The highest contaminant concentrations detected in the groundwater consisted of TPH in the diesel and motor oil ranges and TBA in the groundwater sample collected from boring HP3. Boring HP3 was advanced between the existing locations of the pool and softball diamond in the southern portion of the site. Low concentrations of TPH were detected in the soil samples collected from HP3.

Groundwater was not encountered, and groundwater samples were not collected from borings advanced in the northeastern portion of the site in which the highest contaminant concentrations were detected in the soil.



# Conclusions

Contaminants in the soil were generally detected in the eastern portion of the site. Metals and PAH concentrations increased with depth at some locations. This could be the result of cover material over the dumped materials. It is unknown if the entire site was used for dumping or only the eastern portion of the site. Constituents were not detected above screening criteria in the soil matrix samples collected from borings RB1, RB2, RB13, RB14, RB15, HP1, HP2, and HP3.

Lead was detected above California Hazardous Waste Thresholds in soil samples collected from 7 borings advanced in the eastern and southern portions of the subject property. TCLP lead was detected in the soil sample collected from boring HP4 at a concentration below the Federal Hazardous Waste Threshold of 5 mg/L. Zinc was detected above California Hazardous Waste Thresholds in the soil sample collected from boring RB6.

Elevated concentrations of TPH were detected in the groundwater sample collected at HP3. Groundwater was not encountered, and groundwater samples were not collected from borings advanced in the northeastern portion of the site in which the highest contaminant concentrations were detected in the soil.

The subject property is a public park. Structures at the site include bathrooms, a pool house and a community building. With the exception of 4-isopropyl toluene detected at a concentration of 0.12 mg/kg in soil samples RB3-3, VOCs were not detected in the analyzed soil samples. Groundwater was encountered at approximately 5 feet below grade. TBA was detected at 26  $\mu$ g/L and benzene was detected at 1  $\mu$ g/L in the groundwater samples. Based on the results from this assessment, there is a low risk of vapor intrusion.



# Recommendations

The soil assessment was performed to evaluate whether contaminated soil management would be warranted during subsurface activities associated with the planned site improvements. PAHs, TPH, and metals were detected in the soil at concentrations exceeding EHS ILs. In our experience, EHS requires excavated soil containing constituents at concentrations exceeding EHS ILs to be properly disposed. It is recommended that a Soil Management Plan be prepared that describes the proper handling, management, and disposal of impacted soil from the site.

Prior to excavating contaminated soil from the site a permit may be required from the Santa Barbara County Air Pollution Control District (APCD). If the quantity of contaminated soil to be excavated is less than 1,000 cubic yards, an exemption from permits requirements may be applied for from the APCD. A grading permit may also be required from the City of Santa Barbara.

Constituents were not detected at concentrations exceeding EHS ILs in the analyzed soil samples collected from most of the borings advanced in the western portion of the site. The thickness of cover material at the site is unknown. The cover thickness might vary throughout the site.

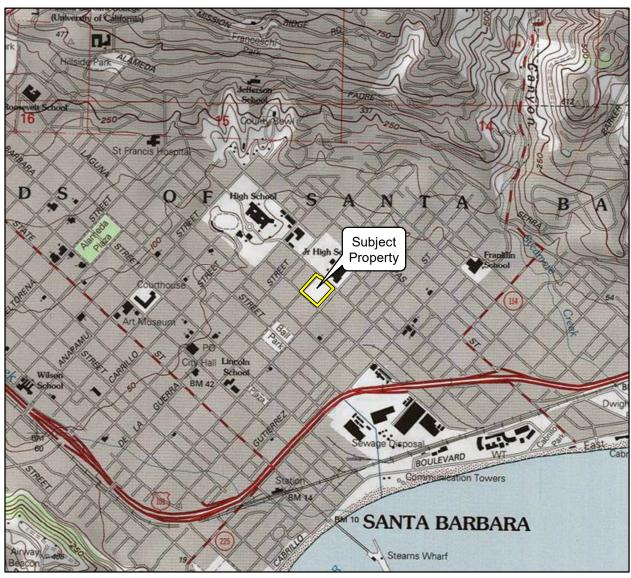
# Limitations

This report has been prepared for and is intended for the exclusive use of the City of Santa Barbara. The contents of this report should not be relied upon by any other party without the written consent of Rincon Consultants, Inc.

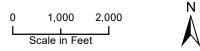
Our conclusions regarding the site are based on the results of a limited subsurface sampling program. The results of this evaluation are qualified by the fact that only limited sampling and analytical testing was conducted during this assessment.

This scope was not intended to completely establish the quantities and distribution of contaminants present at the site or to determine the cost to remediate the site. The concentrations of contaminants measured at any given location may not be representative of conditions at other locations. Further, conditions may change at any particular location as a function of time in response to natural conditions, chemical reactions, and other events. Conclusions regarding the condition of the site do not represent a warranty that all areas within the site are similar to those sampled.





Imagery provided by National Geographic Society, Esri and its licensors © 2018. The topographic representation depicted in this map may not portray all of the features currently found in the vicinity today and/or features depicted in this map may have changed since the original topographic map was assembled.

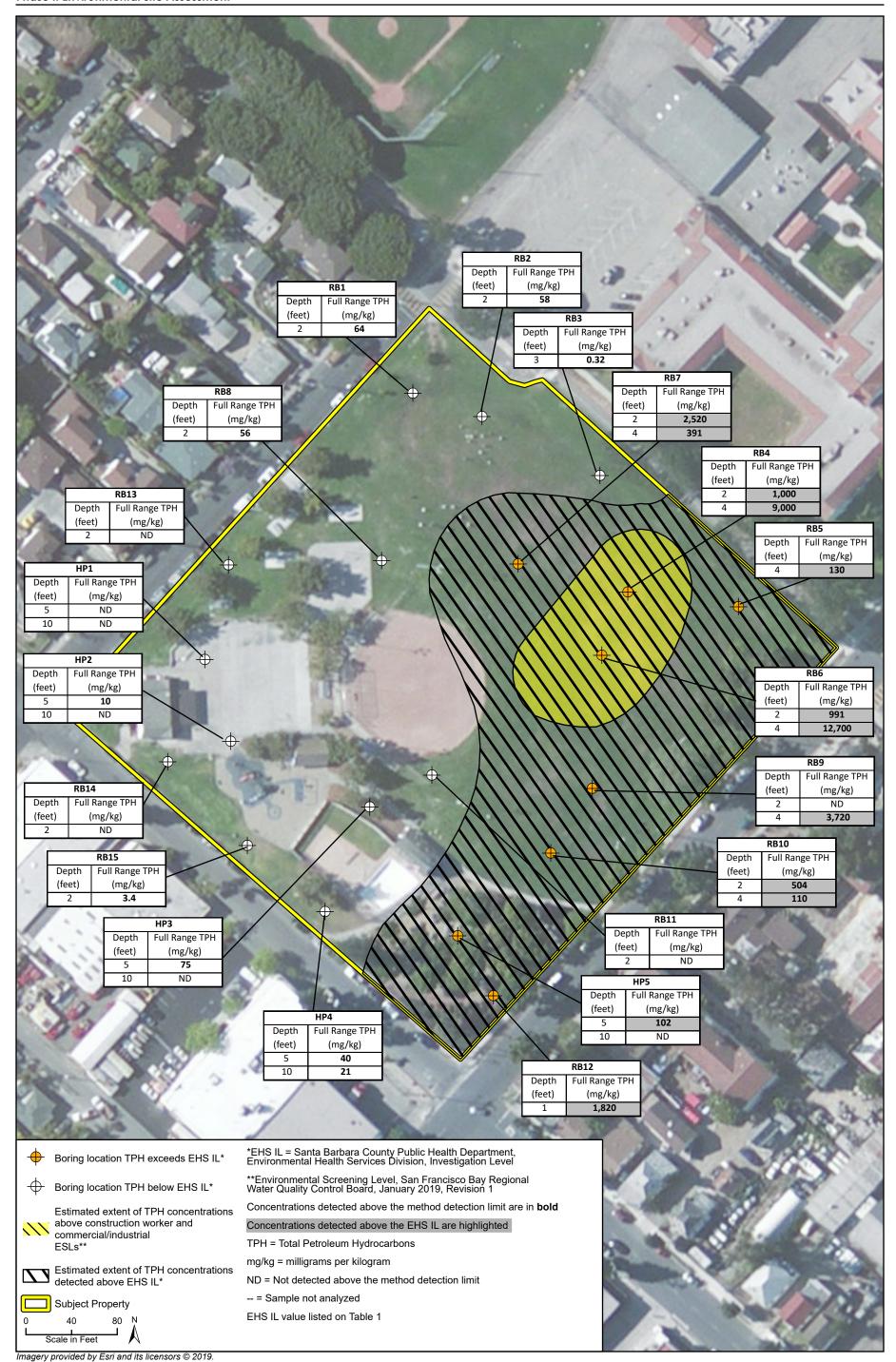


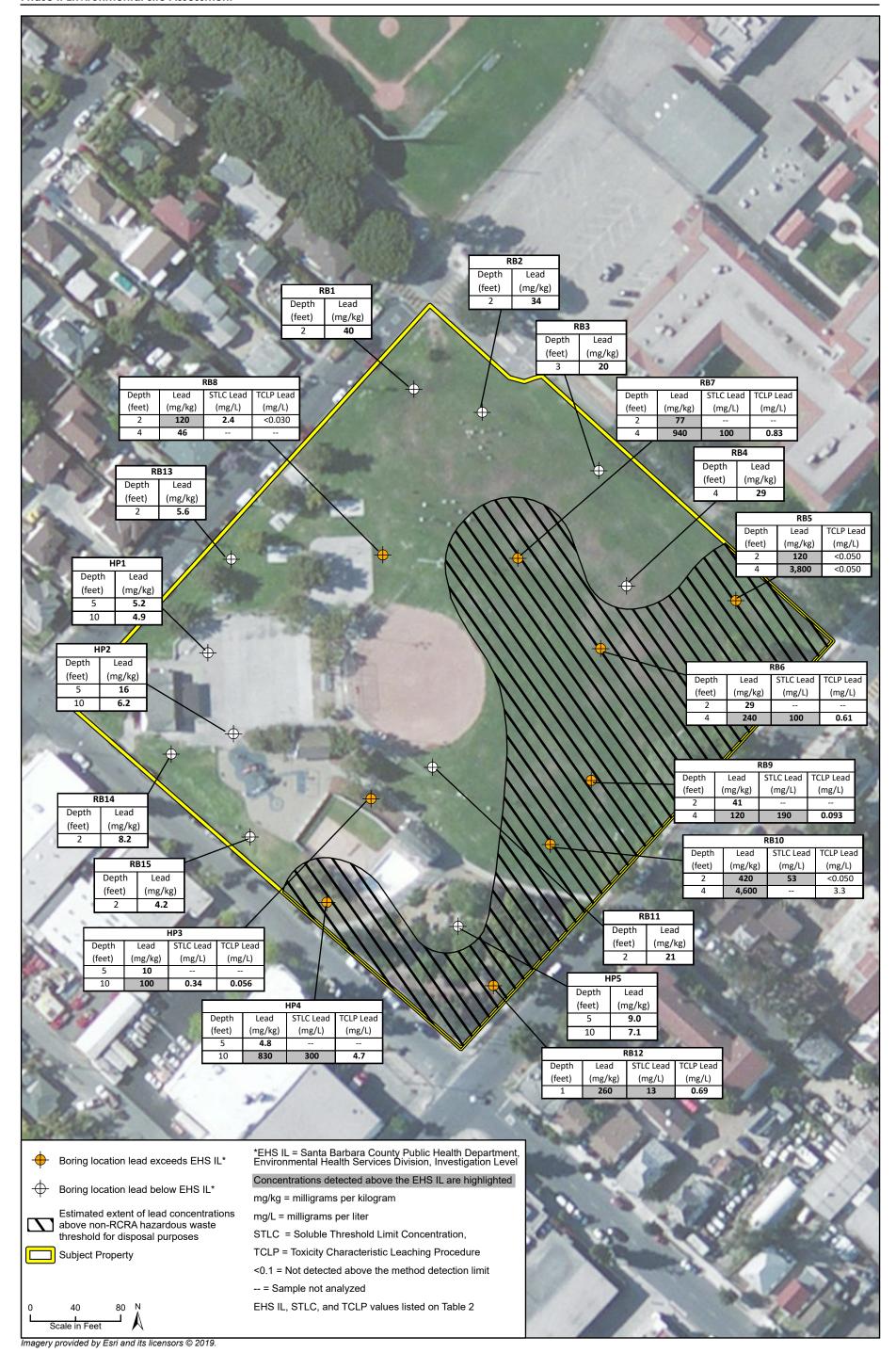


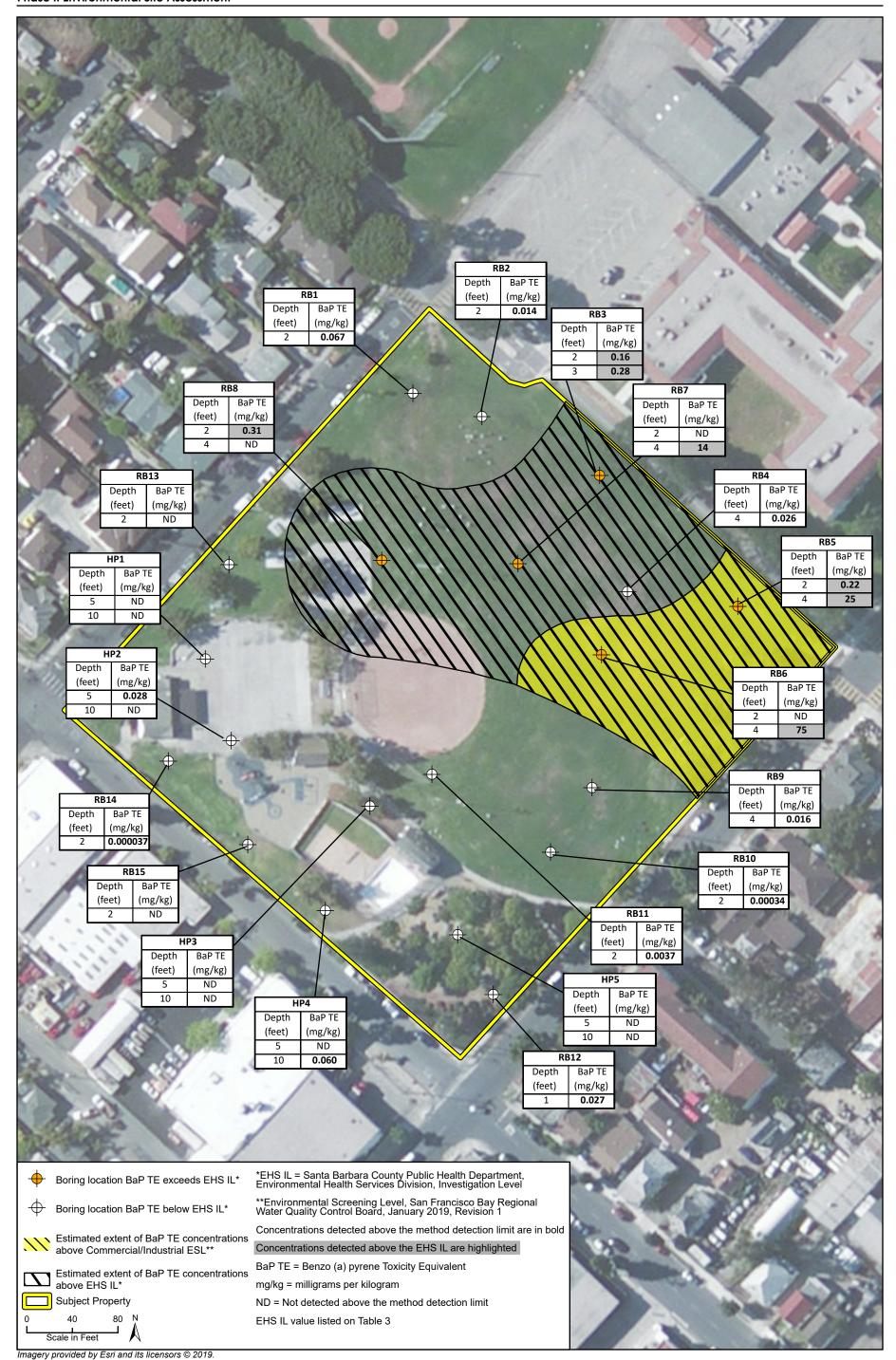
Vicinity Map



Rincon Consultants, Inc.









# TABLE 1 Summary of TPH, VOCs, and PCBs in Soil Matrix Samples

Ortega Park Phase II Environmental Site Assessment 604 East Ortega Street, Santa Barbara, California

Sample Location         Sample Depth (feet of the section)           RB1         2           4         4           RB2         2           4         2           4         3           RB4         2           4         4           RB5         4           RB6         2           4         4           RB7         4           RB8         4           RB9         4           RB10         4           RB11         4           RB12         1	TPHg (C <sub>4</sub> -C <sub>12</sub> )  <0.00099  <0.098	<7.6 	TPHo (C <sub>23</sub> -C <sub>40</sub> ) Results in mill 64	Full Range TPH	4-Isopropyl Toluene	Other VOCs	PCBs							
Location     Depth (feed       RB1     2       4     4       RB2     2       4     2       RB3     3       RB4     2       4     4       RB5     4       RB6     2       4     2       RB7     4       RB8     2       RB8     4       RB9     4       RB10     4       RB11     4       RB12     1	<0.00099 <0.098	(C <sub>13</sub> -C <sub>22</sub> )	(C <sub>23</sub> -C <sub>40</sub> ) Results in mill	ТРН		Other VOCs	PCBs							
RB1 2 RB2 4 RB2 4 RB3 3 RB4 4 RB5 4 RB5 4 RB6 4 RB7 4 RB8 2 RB8 4 RB9 4 RB10 4 RB11 4 RB12 1	<0.00099  <0.098 	<7.6	Results in mill		Toluene									
RB1 4 RB2 2 4 RB3 3 RB4 4 RB5 4 RB5 4 RB6 4 RB7 4 RB8 2 RB8 4 RB9 4 RB10 4 RB11 4 RB12 1	 <0.098 	<7.6 		igrams ner kil										
RB1 4 RB2 2 4 RB3 3 RB4 4 RB5 4 RB5 4 RB6 4 RB7 4 RB8 2 RB8 4 RB9 4 RB10 4 RB11 4 RB11 1	 <0.098 	<7.6 		igrams ner kil										
RB1 4 RB2 2 4 RB3 3 RB4 4 RB5 4 RB5 4 RB6 4 RB7 4 RB8 2 RB8 4 RB9 4 RB10 4 RB11 4 RB12 1	 <0.098 	<7.6 		Results in milligrams per kilogram (mg/kg)   <0.00099   <7.6   64   64										
RB2	<0.098					i ı								
RB2 4 RB3 3 RB4 2 RB4 4 RB5 4 RB5 4 RB6 4 RB7 4 RB8 2 RB8 4 RB9 4 RB10 4 RB11 4 RB12 1		47 C												
RB3 2 RB4 4 RB5 4 RB5 4 RB6 4 RB7 4 RB8 2 RB8 4 RB9 4 RB10 4 RB11 4 RB12 1	-	<7.6	58	58										
RB3 3 RB4 2 RB5 4 RB5 4 RB6 2 RB7 4 RB8 2 RB8 4 RB9 4 RB10 4 RB11 2 RB12 1														
RB4 2 RB5 4 RB6 4 RB7 4 RB8 2 RB9 4 RB10 4 RB11 4 RB12 1														
RB4 4 RB5 2 RB6 4 RB7 4 RB8 2 RB8 4 RB9 4 RB10 4 RB11 4 RB12 1	0.32	<7.6	<40	0.32	0.12	ND	<0.010							
RB5 2 4 RB6 4 RB7 4 RB8 2 RB8 4 RB9 4 RB10 4 RB11 4 RB12 1	<0.097	110	890	1,000										
RB5 4 RB6 2 RB7 4 RB7 4 RB8 2 RB9 4 RB10 4 RB11 4 RB12 1	<0.099	1,000	8,000	9,000	<0.0020	ND 	<0.010							
RB6 2 4 RB7 4 RB8 2 RB8 4 RB9 4 RB10 4 RB11 4 RB12 1	<0.10	 <7.5	130	130	<0.0020	ND								
RB6 4 RB7 2 RB8 2 RB8 4 RB9 2 RB10 4 RB11 2 RB11 4 RB12 1	<0.10	31	960	991	<0.0020	ND ND								
RB7 2  RB8 2  RB9 4  RB10 4  RB11 2  RB12 1	<0.10	5,800	6,900	12,700	<0.0020	ND ND	<del></del>							
RB7 4 RB8 2 RB9 4 RB10 4 RB11 2 RB11 4 RB12 1	<0.097	120	2,400	2,520										
RB8 2 4 RB9 2 4 RB10 4 RB11 2 RB11 4 RB12 1	<0.10	31	360	391	<0.0020	ND	<0.030							
RB9 2  RB10 2  RB11 2  RB11 4  RB12 1	<0.098	<7.6	56	56										
RB9 4 RB10 2 RB11 2 RB11 4 RB12 1														
RB10 2 4 2 4 4 RB11 2 4 RB12 1	<0.098	<7.6	<40	ND										
RB10 4 RB11 2 RB12 1	<0.10	420	3,300	3,720	<0.0020	ND	< 0.010							
RB11 2 4 4 4 RB12 1	<0.099	54	450	504	<0.0020	ND								
RB12 4	<0.099	<7.6	110	110										
RB12 1	<0.099	<7.6	<40	ND										
			4.700	4.020	<0.0020	 ND								
	<0.10	<b>120</b> <7.5	<b>1,700</b> <40	<b>1,820</b> ND	<0.0020	ND 	<0.010							
RB13 2	<0.098			ND 										
2	<0.099	<7.6	<40	ND										
RB14 4														
2	3.4	<7.6	<40	3.4										
RB15 4														
HP1 5	<0.097	<7.6	<40	ND	<0.0020	ND								
10		<7.6	<40	ND	<0.0020	ND								
HP2 5	<0.10	9.6	<40	10										
10	<0.096	<7.6	<40	ND										
HP3 5	<0.097	<7.6	75	75										
10	<0.098	<7.5	<40	ND										
HP4 5	<0.097	<7.6	40	40	<0.0020	 ND								
10	<0.20 <0.099	21 10	<40 <b>92</b>	21 102										
HP5 3	<0.099	<7.6	<40	ND			 							
EHS		100	100	100		varies	0.23							
Tier 1 E		260	1,600			varies	0.23							
ESL (C		1,200	180,000			varies	0.23							
ESL (C		1,100	54,000			varies	5.5							

Soil samples collected by Rincon Consultants on April 16, 2019

Concentrations detected above the method detection limit are in **bold** Concentrations detected above the EHS IL are highlighted grey

TPH = Total Petroleum Hydrocarbons

TPHg = TPH as gasoline

TPHd = TPH as diesel fuel

TPHo = TPH as motor oil

VOCs = Volatile Organic Compounds

PCBs = Polychlorinated Biphenyls

EHS IL = Santa Barbara County Public Health Department, Environmental Health Services Division, Investigation Level

ESL = Environmental Screening Levels, San Francisco Bay Regional Water Quality Control Board, January 2019, Rev. 1

Tier 1 ESL = Based on a generic conceptual site model designed for use at most sites

ESL (CW) = Any Land Use/Any Depth Soil Exposure: Construction Worker - Direct Exposure Human Health Risk Levels (Table S-1)

mg/kg = milligrams per kilogram

<0.1 = Not detected above the method detection limit

ND = Not detected above the method detection limit

-- = Value not established

Soil samples analyzed by Oilfield Environmental and Compliance, Inc.  $\label{eq:complex}$ 

# Analyses:

Full Range TPH by EPA Method 8015M VOCs by EPA Method 8260B PCBs by EPA Method 8082

#### TABLE 2

#### Summary of Metals in Soil Matrix Samples

Ortega Park Phase II Environmental Site Assessment 604 East Ortega Street, Santa Barbara, California

Sample Location	Sample Depth (Feet)	Antimony	Arsenic	Barium	STLC Barium (mg/L)	Beryllium	Cadmium	Chromium	STLC Chromium (mg/L)	TCLP Chromium (mg/L)	Cobalt	Copper	Lead	STLC Lead (mg/L)	TCLP Lead (mg/L)	Mercury	STLC Mercury (mg/L)	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	STLC Zinc (mg/L)
	2	<0.95	4.4	74		0.38	<0.14	22			4.3	n milligrams j 18	er Kilogram 40	(mg/kg) unio	ess otnerwise	0.078		0.40	19	<0.95	<0.19	1.9	27	65	
RB1	4										4.5														
RB2	2 4	<1.0	4.9	67		0.37	<0.15	22			4.4	22	34			0.079		0.59	18	<1.0	<0.20	1.7	25	63	
RB3	2																								
KDS	3	<0.99	10	57		0.31	<0.15	15			4.1	14	20			0.049		0.27	15	<0.99	<0.20	1.8	20	41	
RB4	2 4	<0.93	3.3	 57		0.28	<0.14	 15			4.1	 11	29			0.32		0.59	14	<0.93	<0.19	1.6	22	90	
	2							15			4.1		120		<0.050	0.32									
RB5	4	9.9	5.0	500		0.25	<0.15	120	0.071	<0.025	5.7	150	3,800		<0.050	2.1	<0.00050	0.62	21	<0.97	<0.19	<0.48	16	1,100	
RB6	2												29											39	
	2	2.7	4.7 5.9	680 100		<0.24	3.1	20 13			2.9	46	240 77	100	0.61	0.067		<0.24	16 	<0.96	<0.19	1.4	7.3	3,300	330
RB7	4	5.9	20	1,200	13	<0.24	<0.14	72	0.19		7.1	170	940	100	0.83	0.44		1.9	120	<0.96	<0.19	<0.48	5.8	380	
RB8	2	< 0.93	3.2	72		0.27	<0.14	14			4.0	24	120	2.4	<0.030	0.15		<0.23	15	<0.93	<0.19	0.55	17	100	
	4												46												
RB9	<u>2</u>	<0.95	4.2	640		0.46	<0.14	20			7.6	16	41 120	190	0.093	0.45		0.32	 16	 <0.95	13	<0.49 <b>2.0</b>	26	120	
RB10	2	2.1	3.7	260		0.28	<0.15	40			5.1	42	420	53	<0.050	1.3		0.46	14	<0.99	0.65	1.1	19	630	
KBIU	4	-											4,600		3.3										
RB11	2 4	<0.98	3.4	74		0.26	0.19	19			3.2	12	21			0.065		1.4	16	<0.98	<0.20	<b>2.0</b> <0.47	31	51 	
RB12	1	<0.99	4.7	150		0.28	1.8	17			5.6	54	260	13	0.69	0.47		<0.25	19	<0.99	<0.20	0.61	20	630	
RB13	2	<0.95	3.7	96		0.53	<0.14	23			3.0	12	5.6			0.034		<0.24	19	<0.95	<0.19	0.95	31	33	
	4																								
RB14	<u>2</u>	<0.92	4.9	53		0.32	<0.14	22			4.1	7.5	8.2			0.024		2.2	23	<0.92	<0.18	<b>2.1</b> <0.48	21	31	
RB15	2	<0.97	3.9	25		0.29	<0.15	18			3.8	5.9	4.2			0.013		1.3	20	<0.97	<0.19	1.7	19	24	
KB15	4	-																							
HP1	5 10	<0.93 <0.92	2.8	96 57		0.44 0.31	<0.14 <0.14	12 11			6.4 2.5	6.1 6.3	5.2 4.9			<b>0.0099</b> <0.010		<0.23 <0.23	12 8.2	<0.93 <0.92	<0.19 <0.18	<0.46 <0.46	22 17	11 18	
1100	5	<0.95	2.4	95		0.42	<0.14	14			7.2	12	16			0.29		<0.23	14	<0.92	<0.18	0.76	22	32	
HP2	10	<1.0	5.2	44		0.50	<0.15	15			3.9	9.5	6.2			<0.010		0.64	19	<1.0	<0.20	1.0	23	31	
HP3	5 10	<0.97 <0.97	2.5 5.5	61 130		0.40 0.72	<0.15 <0.15	13 25			5.4 6.4	8.4 23	10 100	0.34	0.056	0.028 0.17		<0.24 <0.24	11 17	<0.97 <0.97	<0.19 <0.19	1.0 0.65	21 38	23 360	
	5	<0.97	4.1	36		0.72	<0.15	18			3.5	5.7	4.8		0.056	0.17		1.4	19	<0.97	<0.19	1.9	18	25	
HP4	10	1.2	3.9	360		0.29	<0.14	20			3.7	79	830	300	4.7	0.66		<0.23	15	<0.93	1.9	0.46	18	1,200	
HP5	5 10	<0.93 <b>1.1</b>	3.2 5.3	130 170		0.51 0.67	<0.14 <0.14	28 44			6.8 8.7	17 20	9.0 7.1			0.014 0.016		<0.23 <0.23	33 50	<0.93 <0.91	<0.19 <0.18	2.8	34 38	200 59	
Background	Concentration	0.15 - 1.95	0.6 - 11	133 -		0.25 - 2.70	0.05 - 1.70		23 - 1,579		2.7 - 46.9	9.1 - 96.4		12.4 - 97.1		0.05	- 0.90	0.1 - 9.6	9.0 - 509	0.015 - 0.430	0.10 - 8.3	0.17 - 1.1	39 - 288	88	
	EHS IL	11	11	1,0	000	7.5	10		50		23	250		50			2	390	200	10	50	2	240	2,5	500
	Tier 1	11	0.067	39		5.0	1.9		16		23	18		32	•		.3	6.9	86	2.4	25	0.78	18	34	34
<b> </b>	ESLs (C/I) ESL (CW)	160 50	0.31 0.98	220, 3,0		230 27	1,100 5,100		1,800,000 53,000		350 28	47,000 14,000		320 160			90 14	5,800 1,800	11,000 86	5,800 1,700	5,800 1,800	12 3.5	5,800 470	350, 110,	
	TTLC	500	500	10,0		75	100		2,500		8,000	2,500		1,000			20	3,500	2,000	100	500	700	2,400	5,0	
	STLC (mg/L)	15	5	10	00	0.75	1		5		80	25		5		0.	.2	350	20	1	5	7	24	25	
L	TCLP (mg/L)		5	10	00		1		5					5		0.	.2			1	5				- ]

Soil samples collected by Rincon Consultants on April 16, 2019

Concentrations detected above the method detection limit are in **bold** 

Concentrations detected above EHS ILs are highlighted grey

Background Concentration = Kearney, Background Concentrations of Trace and Major Elements in California Soils, University of California, 1996

EHS IL = Santa Barbara County Public Health Department, Environmental Health Services Division, Investigation Level

ESL = Environmental Screening Levels, San Francisco Bay Regional Water Quality Control Board, January 2019, Rev. 1

Tier 1 ESL = Based on a generic conceptual site model designed for use at most sites

ESL (C/I) = Commercial/Industrial: Shallow Soil Exposure - Direct Exposure Human Health Risk Levels (Table S-1)

ESL (CW) = Any Land Use/Any Depth Soil Exposure: Construction Worker - Direct Exposure Human Health Risk Levels (Table S-1)

TTLC = Total Threshold Limit Concentration, California Code of Regulations, Title 22, Chapter 11, Article 3
STLC = Soluble Threshold Limit Concentration, California Code of Regulations, Title 22, Chapter 11, Article 3

TCLP = Toxicity characteristic leaching procedure, USEPA

mg/L = milligrams per liter

mg/kg = milligrams per kilogram

<0.1 = Not detected above the method detection limit

-- = Sample not analyzed or value not established

Soil samples analyzed by Oilfield Environmental and Compliance, Inc.

#### Analyses:

CAM17 Metals by EPA Method 6010B/7471A

Page 1 of 1 Rincon Consultants, Inc.

# TABLE 3 Summary of PAHs in Soil Matrix Samples

Ortega Park Phase II Environmental Site Assessment 604 East Ortega Street, Santa Barbara, California

Sample Location	Sample Depth (feet)	Acenaphthene	Acenaphthylene	Anthracene	Benz (a) anthracene	Benzo (b) fluoranthene	Benzo (k) fluoranthene	Benzo (a) pyrene	Benzo (g,h,i) perylene	Chrysene	. Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene	Benzo(a)pyrene Toxicity Equivalent Concentration
										s per kilogran								
RB1	4	<0.0060	0.0060	<0.0060	0.020	0.031	0.032	0.059	0.072	0.029	<0.010	0.062	<0.0060	0.023	<0.010	0.023		0.067
RB2	2	<0.0060	0.0067	<0.0060	0.0080	0.0093	0.013	0.012	<0.010	0.013	<0.010	0.017	<0.0060	<0.0060	0.039	0.015	0.020	0.014
ND2	4																	
222	2	< 0.030	< 0.030	< 0.030	0.050	0.097	0.077	0.14	0.21	0.067	< 0.050	0.15	< 0.030	0.063	< 0.050	0.067	0.31	0.16
RB3	3	0.042	<0.0030	0.096	0.22	0.23	0.19	0.21	0.060	0.26	0.014	0.480	0.040	0.063	0.018	0.39	0.40	0.28
DD4	2																	
RB4	4	< 0.012	<0.012	<0.012	<0.012	0.015	0.015	0.024	0.032	0.016	<0.020	0.031	< 0.012	<0.012	<0.020	0.016	0.059	0.026
	2	<0.012	0.020	0.012	0.051	0.11	0.088	0.19	0.28	0.077	<0.020	0.20	<0.012	0.083	<0.020	0.061		0.22
RB5	4	<0.060	1.3	0.73	2.9	6.5	4.4	22	67	4.2	0.14	18	0.11	15	0.23	3.5		25
	2	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.040	<0.024	<0.040	<0.024	<0.024	<0.024	<0.040	<0.024		ND
RB6	4	0.90	25	24	36	30	39	59	47	51	5.2	130	11	40	42	200		75
	2	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	<1.0	<0.60	<1.0	<0.60	<0.60	<0.60	<1.0	<0.60		ND
RB7	4	0.92	0.91	0.85	1.7	3.8	2.6	12	42	2.4	0.11	11	0.21	8.5	0.23	4.6		14
	2	<0.024	0.027	0.027	0.045	0.13	0.053	0.27	0.65	0.064	<0.040	0.39	<0.024	0.17	<0.040	0.15		0.31
RB8	4	<0.024	<0.0030	<0.0030	<0.0030	<0.0030	<0.0030	<0.0030	< 0.0050	<0.0030	<0.0050	0.0030	<0.024	<0.0030	<0.040	<0.0030		ND
RB9	2																	
	4	<0.0030	<0.0030	0.0030	0.010	<0.0030	<0.0030	0.014	0.011	0.012	<0.0050	0.017	<0.0030	0.0050	<0.0050	0.0090		0.016
RB10	2	<0.0030	<0.0030	<0.0030	<0.0030	0.0033	<0.0030	<0.0030	<0.0050	0.0083	<0.0050	0.0033	<0.0030	<0.0030	<0.0050	0.0040		0.00034
	4																	
RB11	2	<0.0030	<0.0030	<0.0030	<0.0030	0.0040	<0.0030	0.0033	<0.0050	<0.0030	<0.0050	0.0067	<0.0030	<0.0030	<0.0050	0.0043		0.0037
	4																	
RB12	1	<0.0060	0.0080	<0.0060	0.013	<0.0060	<0.0060	0.024	0.057	0.025	< 0.010	0.033	<0.0060	0.014	< 0.010	0.011		0.027
RB13	2	<0.0030	<0.0030	<0.0030	<0.0030	<0.0030	<0.0030	<0.0030	<0.0050	<0.0030	<0.0050	<0.0030	<0.0030	<0.0030	<0.0050	<0.0030	<0.0030	ND
RDIS	4																	
RB14	2	< 0.0030	<0.0030	< 0.0030	< 0.0030	< 0.0030	0.0037	< 0.0030	< 0.0050	<0.0030	< 0.0050	< 0.0030	< 0.0030	<0.0030	< 0.0050	<0.0030	0.14 0.020 0.31 0.40 0.059 0.41 61 <0.024 150 <0.60 31 0.81 0.0076 0.0021 0.0040 0.0030 0.0030 0.0030 0.0030 0.0030 0.0040 0.0030	0.000037
VD14	4					-												
RB15	2	<0.0030	< 0.0030	<0.0030	< 0.0030	<0.0030	<0.0030	< 0.0030	< 0.0050	<0.0030	< 0.0050	< 0.0030	< 0.0030	< 0.0030	<0.0050	<0.0030		ND
VD12	4																	
HP1	5	<0.0030	< 0.0030	< 0.0030	< 0.0030	<0.0030	<0.0030	< 0.0030	<0.0050	<0.0030	< 0.0050	<0.0030	< 0.0030	< 0.0030	< 0.0050	< 0.0030	< 0.0030	ND
ULI	10	< 0.0030	<0.0030	< 0.0030	< 0.0030	< 0.0030	<0.0030	< 0.0030	< 0.0050	<0.0030	< 0.0050	<0.0030	< 0.0030	< 0.0030	< 0.0050	< 0.0030	0.14 0.020 0.31 0.40 0.059 0.41 61 <0.024 150 <0.60 31 0.81 0.0076 0.021 0.0040 0.0030 <0.0030 <0.0030 <0.0030 0.0060 <0.0030 0.0064 <0.0030 0.0064 <0.0030 45 45 23,000	ND
LID3	5	< 0.0033	0.0033	<0.0030	0.013	<0.0030	< 0.0030	0.026	0.024	0.020	<0.0050	0.012	< 0.0030	0.010	< 0.0050	0.012	0.040	0.028
HP2	10	<0.0030	<0.0030	<0.0030	<0.0030	<0.0030	<0.0030	<0.0030	<0.0050	<0.0030	<0.0050	<0.0030	<0.0030	<0.0030	<0.0050	<0.0030	0.14 0.020 0.31 0.40 0.059 0.60 31 0.81 0.0076 0.021 0.0040 0.0077 0.0030 <0.0030 <0.0030 <0.0030 <0.0030 <0.0030 <0.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030 <1.0030	ND
HP3	5	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.010	<0.0060	<0.010	0.0060	<0.0060	<0.0060	<0.010	<0.0060	0.0060	ND
	10	<0.0030	<0.0030	<0.0030	<0.0030	<0.0030	<0.0030	<0.0030	<0.0050	<0.0030	<0.0050	<0.0030	<0.0030	<0.0030	< 0.0050	<0.0030	0.14 0.020 0.31 0.40 0.059 0.41 61 <0.024 150 <0.60 31 0.81 0.0076 0.021 0.0030 <0.0030 <0.0030 <0.0030 0.040 <0.0030 0.064 <0.0030 0.064 <0.0030 45 45 23,000	ND
HP4	5	< 0.0030	<0.0030	< 0.0030	< 0.0030	< 0.0030	<0.0030	< 0.0030	< 0.0050	<0.0030	< 0.0050	< 0.0030	< 0.0030	<0.0030	< 0.0050	<0.0030	< 0.0030	ND
nr4	10	<0.018	<0.018	<0.018	0.042	0.054	<0.018	0.050	0.044	0.078	< 0.030	0.034	<0.018	<0.018	< 0.030	0.020	0.064	0.060
UDE	5	<0.0030	<0.0030	< 0.0030	<0.0030	<0.0030	<0.0030	< 0.0030	<0.0050	<0.0030	< 0.0050	<0.0030	< 0.0030	< 0.0030	< 0.0050	< 0.0030		ND
HP5	10	< 0.0030	<0.0030	<0.0030	< 0.0030	<0.0030	< 0.0030	< 0.0030	<0.0050	<0.0030	<0.0050	<0.0030	< 0.0030	< 0.0030	< 0.0050	< 0.0030	< 0.0030	ND
Benzo	(a) pyrene TEF				0.1	0.1	0.01	1		0.001	1			0.1	*			
	EHS IL	12	6.4	1.9	0.63	1.1	2.8	0.11	2.5	2.2	0.11	0.69	6.0	0.48	0.042	7.8	45	0.11
	Tier 1 ESL	12	6.4	1.9	0.63	1.1	2.8	0.11	2.5	2.2	0.11	0.69	6.0	0.48	0.042	7.8		0.11
	ESL (C/I)	45,000		230,000	20	21	210	20		2,100	2.1	30,000	30,000	21	17			20
													<u> </u>				1	
	ESL (CW)	10,000		50,000	11	11	910	110		9,100	11	6,700	6,700	110	400		5,000	110

Soil samples collected by Rincon Consultants on April 16, 2019

Concentrations detected above the method detection limit are in **bold** 

Concentrations detected above the EHS IL are highlighted

PAHs = Polycyclic Aromatic Hydrocarbons

Benzo (a) pyrene TEF = Relative Potency Factor values for carcinogenic PAHs (excluding naphthalene\*), United States Environmental Protection Agency

\*Naphthalene is evaluated separately from other carcinogenic PAHS, no TEF is listed

EHS IL = Santa Barbara County Public Health Department, Environmental Health Services Division, Investigation Level

ESL = Environmental Screening Levels, San Francisco Bay Regional Water Quality Control Board, January 2019, Rev. 1

Tier 1 ESL = Based on a generic conceptual site model designed for use at most sites ESL (C/I) = Commercial/Industrial: Shallow Soil Exposure - Direct Exposure Human Health Risk Levels (Table S-1)

ESL (CW) = Any Land Use/Any Depth Soil Exposure: Construction Worker - Direct Exposure Human Health Risk Levels (Table S-1)

mg/kg = milligrams per kilogram

<0.1 = Not detected above the method detection limit

-- = Value not established

Soil samples analyzed by Oilfield Environmental and Compliance, Inc.

Analyses:

PAHs by EPA Method 8270

Page 1 of 1 Rincon Consultants, Inc.

# TABLE 4 Summary of TPH and VOCs in Groundwater Samples

Ortega Park Phase II Environmental Site Assessment 604 East Ortega Street, Santa Barbara, California

		TP	Н		VOCs									
Sample Location	TPHg (C <sub>4</sub> -C <sub>12</sub> )	TPHd (C <sub>13</sub> -C <sub>22</sub> )	TPHo (C <sub>23</sub> -C <sub>40</sub> )	Full Range TPH	Benzene	t-Butyl Alcohol	Toluene	Trichloroethene (TCE)	Other VOCs					
	Results in micrograms per liter (μg/L)													
HP2	<20	<44			<0.25	<2.5	<0.25	0.31	ND					
HP3	<200	1,300	2,000	3,300	<2.5	26	<2.5	<2.5	ND					
HP4			690	<2.5	<25	<2.5	<2.5	ND						
HP5	<20	81	170	251	1.0	<2.5	0.36	<2.5	ND					
EHS IL	1,000	1,000	1,000	1,000	1		150	5	varies					
MCL					1		150	5	varies					

Soil samples collected by Rincon Consultants on April 16, 2019

Concentrations detected above the method detection limit are in **bold** 

#### Concentrations detected above EHS ILs are highlighted

TPH = Total Petroleum Hydrocarbons

TPHg = TPH as gasoline

TPHd = TPH as diesel fuel

TPHo = TPH as motor oil

VOCs = Volatile Organic Compounds

EHS IL = Santa Barbara County Public Health Department, Environmental Health Services Division, Investigation Level

MCL = Maximum Contaminant Levels for drinking water established by the California Department of Public Health, March 2018

<0.1, ND = Not detected above the method detection limit

-- = Sample not analyzed or value not established

Soil samples analyzed by Oilfield Environmental and Compliance, Inc.

#### **Analyses:**

TPHd and TPHo by EPA Method 8015M VOCs including TPHg by EPA Method 8260B

# Appendix A

Boring Logs

## Rincon Consultants, Inc. rincon LOG OF BORING HP1 Environmental Scientists Planners Engineers (Page 1 of 1) www.rinconconsultants.com **Date Completed** : April 16, 2019 Ortega Park Phase II Environmental Site Assessment Method : Geoprobe 604 East Ortega Street Drilled By : OEC Santa Barbara, California Logged By : Nico Navarro Project # 18-06506 Location : 34.425142, -119.690793 GRAPHIC Samples Depth **DESCRIPTION** in PID Feet Silty clayey SAND, dark brown to black, moist, loose to moderately dense, slightly plastic, medium grained sand, poorly graded, no odor. 2 3 05-31-2019 L:\ESA\Santa Barbara, City of\18-06506 Ortga Prk Ph II ESA\Graphics\Boring Logs\HP1.bor 0.0 SC 9

0.0

Light brown.

### Rincon Consultants, Inc. rincon **LOG OF BORING HP2** Environmental Scientists Planners Engineers (Page 1 of 1) www.rinconconsultants.com **Date Completed** : April 16, 2019 Ortega Park Phase II Environmental Site Assessment Method : Geoprobe 604 East Ortega Street Drilled By : OEC Santa Barbara, California Logged By : Nico Navarro Project # 18-06506 Location : 34.424946, -119.690714 GRAPHIC Samples Depth **DESCRIPTION** in PID Feet Clayey SILT with some sand, red to dark brown, moist, soft, slightly plastic, no odor, brick and building debris from 0 to 5 below grade. 2 3 05-31-2019 L:\ESA\Santa Barbara, City of\18-06506 Ortga Prk Ph II ESA\Graphics\Boring Logs\HP2.bor 0.0 ML \_\_\_\_ Saturated. 9 Light brown. 0.0

### Rincon Consultants, Inc. rincon LOG OF BORING HP3 Environmental Scientists Planners Engineers (Page 1 of 1) www.rinconconsultants.com **Date Completed** : April 16, 2019 Ortega Park Phase II Environmental Site Assessment Method : Geoprobe 604 East Ortega Street Drilled By : OEC Santa Barbara, California Logged By : Nico Navarro Project # 18-06506 Location : 34.424794, -119.690307 GRAPHIC Depth **DESCRIPTION** in PID Feet Silty clayey SAND, dark brown, wet, loose to moderately dense, slightly plastic, medium to coars grained sand, moderately graded, no odor. 2 3 05-31-2019 L:\ESA\Santa Barbara, City of\18-06506 Ortga Prk Ph II ESA\Graphics\Boring Logs\HP3.bor 0.0 SC \_\_\_\_ Saturated. 9 Dark grey, organic odor. 0.0

### Rincon Consultants, Inc. rincon LOG OF BORING HP4 Environmental Scientists Planners Engineers (Page 1 of 1) www.rinconconsultants.com **Date Completed** : April 16, 2019 Ortega Park Phase II Environmental Site Assessment Method : Geoprobe 604 East Ortega Street Drilled By : OEC Santa Barbara, California Logged By : Nico Navarro Project # 18-06506 Location : 34.424541, -119.690432 GRAPHIC Depth **DESCRIPTION** in PID Feet Silty clayey SAND, light brown, wet, loose to moderately dense, slightly plastic, medium grained sand, poorly graded, no odor. 2 3 05-31-2019 L:\ESA\Santa Barbara, City of\18-06506 Ortga Prk Ph II ESA\Graphics\Boring Logs\HP4.bor SC 0.0 ▼ Saturated. 9 Clayey SILT with occasional sand, dark brown to black, wet, soft, slightly plastic to plastic, no ML 0.0 odor.

### Rincon Consultants, Inc. rincon **LOG OF BORING HP5** Environmental Scientists Planners Engineers (Page 1 of 1) www.rinconconsultants.com **Date Completed** : April 16, 2019 Ortega Park Phase II Environmental Site Assessment Method : Geoprobe 604 East Ortega Street Drilled By : OEC Santa Barbara, California Logged By : Nico Navarro Project # 18-06506 Location : 34.424487, -119.690045 GRAPHIC Samples Depth **DESCRIPTION** in PID Feet Sandy clayey SILT, dark brown, very moist to wet, soft, slightly plastic, no odor. 2 3 05-31-2019 L:\ESA\Santa Barbara, City of\18-06506 Ortga Prk Ph II ESA\Graphics\Boring Logs\HP5.bor 0.0 ML ▼ Saturated. 9 0.0

## Rincon Consultants, Inc. rincon LOG OF BORING RB1 Environmental Scientists Planners Engineers (Page 1 of 1) www.rinconconsultants.com **Date Completed** : April 16, 2019 Ortega Park Phase II Environmental Site Assessment Method : Geoprobe 604 East Ortega Street Drilled By : OEC Santa Barbara, California Logged By : Nico Navarro Project # 18-06506 Location : 34.425792, -119.690202 GRAPHIC Samples Depth **DESCRIPTION** in PID Feet Clayey silty SAND, light brown, moist, loose to moderately dense, slightly plastic, medium grained sand, poorly graded, no odor. 0.0 2 SM 3 0.0 05-31-2019 L:\ESA\Santa Barbara, City of\18-06506 Ortga Prk Ph II ESA\Graphics\Boring Logs\RB1.bor 10

## Rincon Consultants, Inc. rincon **LOG OF BORING RB2** Environmental Scientists Planners Engineers (Page 1 of 1) www.rinconconsultants.com Date Completed : April 16, 2019 Ortega Park Phase II Environmental Site Assessment Method : Geoprobe 604 East Ortega Street Drilled By : OEC Santa Barbara, California Logged By : Nico Navarro Project # 18-06506 Location : 34.425738, -119.690000 GRAPHIC Samples Depth **DESCRIPTION** in PID Feet Sandy clayey SILT, dark brown, slightly moist, soft, slightly plastic, no odor. 0.0 2 ML 3 Less sand, light/dark brown mix. 0.0 05-31-2019 L:\ESA\Santa Barbara, City of\18-06506 Ortga Prk Ph II ESA\Graphics\Boring Logs\RB2.bor 10

## Rincon Consultants, Inc. rincon LOG OF BORING RB3 Environmental Scientists Planners Engineers (Page 1 of 1) www.rinconconsultants.com **Date Completed** : April 16, 2019 Ortega Park Phase II Environmental Site Assessment Method : Geoprobe 604 East Ortega Street Drilled By : OEC Santa Barbara, California Logged By : Nico Navarro Project # 18-06506 Location : 34.425601, -119.689655 GRAPHIC Samples Depth **DESCRIPTION** in PID Feet Clayey SILT with some sand, medium brown, moist, soft, slightly plastic, no odor. 4.0 ML 3 Sandy clayey SILT, dark brown, moist, soft, slightly plastic, no odor. 10.0 05-31-2019 L:\ESA\Santa Barbara, City of\18-06506 Ortga Prk Ph II ESA\Graphics\Boring Logs\RB3.bor 10

## Rincon Consultants, Inc. rincon LOG OF BORING RB4 Environmental Scientists Planners Engineers (Page 1 of 1) www.rinconconsultants.com Date Completed : April 16, 2019 Ortega Park Phase II Environmental Site Assessment Method : Geoprobe 604 East Ortega Street Drilled By : OEC Santa Barbara, California Logged By : Nico Navarro Project # 18-06506 Location : 34.425323, -119.689568 GRAPHIC Depth **DESCRIPTION** in PID Feet Sandy clayey SILT, medium brown, moist, soft, slightly plastic, no odor. 0.0 ML 3 Dark brown/black mix, metal debris. 0.0 05-31-2019 L:\ESA\Santa Barbara, City of\18-06506 Ortga Prk Ph II ESA\Graphics\Boring Logs\RB4.bor 10

### Rincon Consultants, Inc. rincon LOG OF BORING RB5 Environmental Scientists Planners Engineers (Page 1 of 1) www.rinconconsultants.com **Date Completed** : April 16, 2019 Ortega Park Phase II Environmental Site Assessment Method : Geoprobe 604 East Ortega Street Drilled By : OEC Santa Barbara, California Logged By : Nico Navarro Project # 18-06506 Location : 34.425291, -119.689246 GRAPHIC Samples Depth **DESCRIPTION** in PID Feet Clayey silty SAND, medium brown, moist, loose to moderately dense, slightly plastic, medium grained sand, poorly graded, no odor. 0.0 2 SM 3 Light brown/black mix. 0.0 05-31-2019 L:\ESA\Santa Barbara, City of\18-06506 Ortga Prk Ph II ESA\Graphics\Boring Logs\RB5.bor 10

## Rincon Consultants, Inc. rincon LOG OF BORING RB6 Environmental Scientists Planners Engineers (Page 1 of 1) www.rinconconsultants.com **Date Completed** : April 16, 2019 Ortega Park Phase II Environmental Site Assessment Method : Geoprobe 604 East Ortega Street Drilled By : OEC Santa Barbara, California Logged By : Nico Navarro Project # 18-06506 Location : 34.425169, -119.68964 GRAPHIC Samples Depth **DESCRIPTION** in PID Feet Silty clayey SAND, dark brown, moist, loose to moderately dense, slightly plastic, fine to medium grained sand, moderately graded, no odor. 0.0 SC 3 Dark brown/black/light grey mix, glass and other debris. 0.0 05-31-2019 L:\ESA\Santa Barbara, City of\18-06506 Ortga Prk Ph II ESA\Graphics\Boring Logs\RB6.bor

10

## Rincon Consultants, Inc. rincon LOG OF BORING RB7 Environmental Scientists Planners Engineers (Page 1 of 1) www.rinconconsultants.com **Date Completed** : April 16, 2019 Ortega Park Phase II Environmental Site Assessment Method : Geoprobe 604 East Ortega Street Drilled By : OEC Santa Barbara, California Logged By : Nico Navarro Project # 18-06506 Location : 34.425385, -119.689888 GRAPHIC Samples Depth **DESCRIPTION** in PID Feet Clayey silty SAND, light/dark brown mix, moist, soft, slightly plastic, medium grained sand, poorly graded, no odor, unkown shards and debris. 0.0 2 SM 3 Dark brown. 0.0 05-31-2019 L:\ESA\Santa Barbara, City of\18-06506 Ortga Prk Ph II ESA\Graphics\Boring Logs\RB7.bor

10

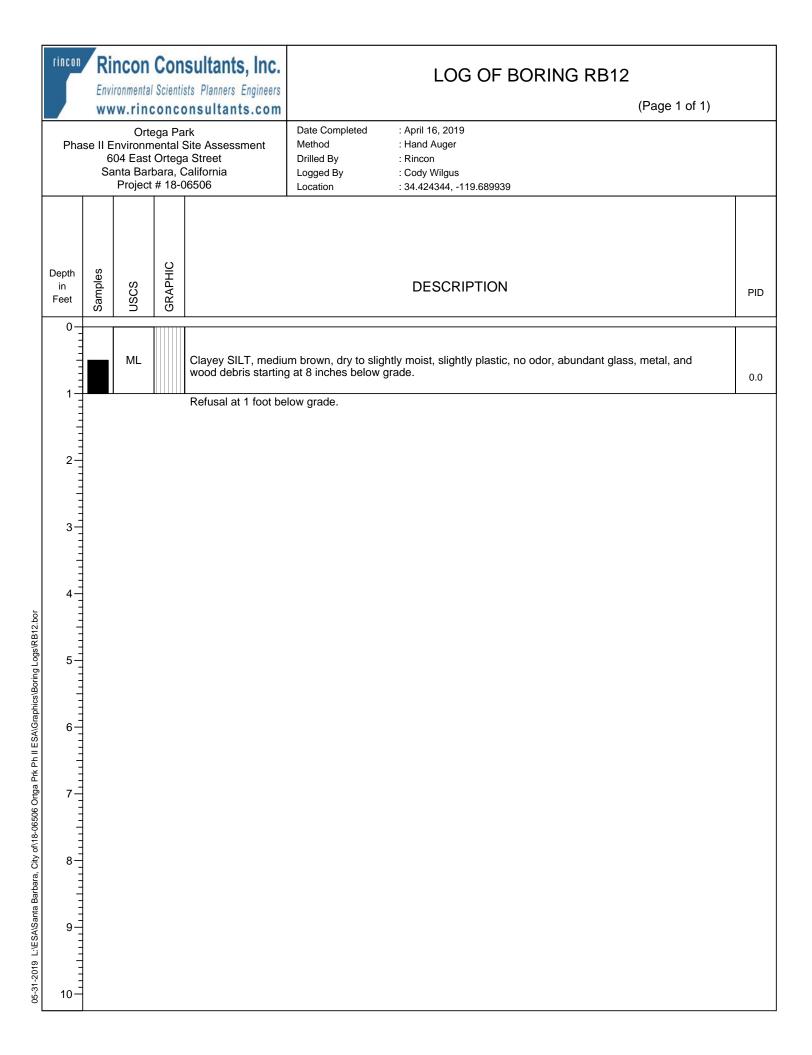
### Rincon Consultants, Inc. rincon LOG OF BORING RB8 Environmental Scientists Planners Engineers (Page 1 of 1) www.rinconconsultants.com **Date Completed** : April 16, 2019 Ortega Park Phase II Environmental Site Assessment Method : Geoprobe 604 East Ortega Street Drilled By : OEC Santa Barbara, California Logged By : Nico Navarro Project # 18-06506 Location : 34.425388, -119.690285 GRAPHIC Samples Depth **DESCRIPTION** in PID Feet Clayey silty SAND, dark brown, moist, loose to moderately dense, slightly plastic, medium to coarse grained sand, moderately graded, no odor. 0.0 2 SM 3 Grey/brown mix. 0.0 05-31-2019 L:\ESA\Santa Barbara, City of\18-06506 Ortga Prk Ph II ESA\Graphics\Boring Logs\RB8.bor 10

## Rincon Consultants, Inc. rincon LOG OF BORING RB9 Environmental Scientists Planners Engineers (Page 1 of 1) www.rinconconsultants.com **Date Completed** : April 16, 2019 Ortega Park Phase II Environmental Site Assessment Method : Geoprobe 604 East Ortega Street Drilled By : OEC Santa Barbara, California Logged By : Nico Navarro Project # 18-06506 Location : 34.424848, -119.689661 GRAPHIC Samples Depth **DESCRIPTION** in PID Feet Silty clayey SAND, medium brown, moist, loose to moderately dense, slightly plastic, medium grained sand, poorly graded, no odor. 0.0 2 SC 3 Black/red/brown mix, possible brick/building debris. 0.0 05-31-2019 L:\ESA\Santa Barbara, City of\18-06506 Ortga Prk Ph II ESA\Graphics\Boring Logs\RB9.bor

10

## Rincon Consultants, Inc. rincon LOG OF BORING RB10 Environmental Scientists Planners Engineers (Page 1 of 1) www.rinconconsultants.com Date Completed : April 16, 2019 Ortega Park Phase II Environmental Site Assessment Method : Geoprobe 604 East Ortega Street Drilled By : OEC Santa Barbara, California Logged By : Nico Navarro Project # 18-06506 Location : 34.424690, -119.689779 GRAPHIC Samples Depth **DESCRIPTION** in PID Feet Clayey SILT with some sand, dark brown, moist, soft, slightly plastic to plastic, no odor, glass debris. 0.0 2 ML 3 Black, no debris. 0.0 05-31-2019 L:\ESA\Santa Barbara, City of\18-06506 Ortga Prk Ph II ESA\Graphics\Boring Logs\RB10.bor 10

## Rincon Consultants, Inc. rincon LOG OF BORING RB11 Environmental Scientists Planners Engineers (Page 1 of 1) www.rinconconsultants.com **Date Completed** : April 16, 2019 Ortega Park Phase II Environmental Site Assessment Method : Geoprobe 604 East Ortega Street Drilled By : OEC Santa Barbara, California Logged By : Nico Navarro Project # 18-06506 Location : 34.424873, -119.690128 GRAPHIC Depth **DESCRIPTION** in PID Feet Silty clayey SAND, dark brown, moist, loose to moderately dense, slightly plastic, medium to coarse grained sand, moderately graded, no odor, debris. 0.0 SC 3 Light brown, possible fill material. 0.0 05-31-2019 L:\ESA\Santa Barbara, City of\18-06506 Ortga Prk Ph II ESA\Graphics\Boring Logs\RB11.bor 10



## Rincon Consultants, Inc. rincon LOG OF BORING RB13 Environmental Scientists Planners Engineers (Page 1 of 1) www.rinconconsultants.com **Date Completed** : April 16, 2019 Ortega Park Phase II Environmental Site Assessment Method : Geoprobe 604 East Ortega Street Drilled By : OEC Santa Barbara, California Logged By : Nico Navarro Project # 18-06506 Location : 34.425371, -119.690729 GRAPHIC Depth **DESCRIPTION** in PID Feet Silty clayey SAND, medium brown/red mix, moist, loose to moderately dense, slightly plastic, medium to coarse grained sand, moderately graded, no odor. 0.0 SC 3 0.0 05-31-2019 L:\ESA\Santa Barbara, City of\18-06506 Ortga Prk Ph II ESA\Graphics\Boring Logs\RB13.bor 10

## Rincon Consultants, Inc. rincon LOG OF BORING RB14 Environmental Scientists Planners Engineers (Page 1 of 1) www.rinconconsultants.com Date Completed : April 16, 2019 Ortega Park Phase II Environmental Site Assessment Method : Geoprobe 604 East Ortega Street Drilled By : OEC Santa Barbara, California Logged By : Nico Navarro Project # 18-06506 Location : 34.424895, -119.690896 GRAPHIC Samples Depth **DESCRIPTION** in PID Feet Silty CLAY with some sand, medium brown, wet, soft, slightly plastic to plastic, no odor. 0.0 CL 3 Grey-brown. 0.0 05-31-2019 L:\ESA\Santa Barbara, City of\18-06506 Ortga Prk Ph II ESA\Graphics\Boring Logs\RB14.bor 10

## Rincon Consultants, Inc. rincon **LOG OF BORING RB15** Environmental Scientists Planners Engineers (Page 1 of 1) www.rinconconsultants.com Date Completed : April 16, 2019 Ortega Park Phase II Environmental Site Assessment Method : Hand Auger 604 East Ortega Street Drilled By : Rincon Santa Barbara, California Logged By : Nico Navarro Project # 18-06506 Location : 34.424696, -119.690661 GRAPHIC Samples Depth **DESCRIPTION** in PID Feet Clayey SILT with some sand, light brown, moist, soft, slightly plastic to plastic, no odor. 0.0 2 ML 3 Medium brown. 0.0 05-31-2019 L:\ESA\Santa Barbara, City of\18-06506 Ortga Prk Ph II ESA\Graphics\Boring Logs\RB15.bor 10

# Appendix B

**Laboratory Analytical Reports** 



Nico Navarro Rincon Consultants 180 N. Ashwood Ave. Ventura, CA 93003

Report: May 31, 2019 12:54 Work Order: 1901966

Project: Ortega Park

Number: 18-06506/604 E. Ortega St., Santa Barbara, CA

#### Dear Client:

Enclosed is an analytical report for the above referenced project. The samples included in this report were received on April 17, 2019 07:55 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 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.

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TEL: (805) 922-4772

FAX: (805) 925-3376

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

Sincerely,

Alyssa Zuniga, Project Manager

azuniga@oecusa.com



Rincon Consultants Project: Ortega Park WO & Reported: 180 N. Ashwood Ave. Project Number: 18-06506/604 E. Ortega St., Santa Barbara, CA 1901966
Ventura CA, 93003 Project Manager: Nico Navarro 05/31/2019 12:54

#### **SAMPLE SUMMARY**

Sample ID	Laboratory ID	Client Matrix	Lab Matrix	Date Sampled	Date Received
RB1-2	1901966-01	Solid	Solid	04/16/19 08:30	04/17/19 07:55
RB2-2	1901966-03	Solid	Solid	04/16/19 09:00	04/17/19 07:55
RB3-2	1901966-05	Solid	Solid	04/16/19 09:10	04/17/19 07:55
RB3-4	1901966-06	Solid	Solid	04/16/19 09:10	04/17/19 07:55
RB7-2	1901966-07	Solid	Solid	04/16/19 09:25	04/17/19 07:55
RB7-4	1901966-08	Solid	Solid	04/16/19 09:25	04/17/19 07:55
RB4-2	1901966-09	Solid	Solid	04/16/19 09:45	04/17/19 07:55
RB4-4	1901966-10	Solid	Solid	04/16/19 09:45	04/17/19 07:55
RB6-2	1901966-11	Solid	Solid	04/16/19 09:50	04/17/19 07:55
RB6-4	1901966-12	Solid	Solid	04/16/19 09:50	04/17/19 07:55
RB5-2	1901966-13	Solid	Solid	04/16/19 10:00	04/17/19 07:55
RB5-4	1901966-14	Solid	Solid	04/16/19 10:00	04/17/19 07:55
RB9-2	1901966-15	Solid	Solid	04/16/19 10:20	04/17/19 07:55
RB9-4	1901966-16	Solid	Solid	04/16/19 10:20	04/17/19 07:55
RB10-2	1901966-17	Solid	Solid	04/16/19 10:30	04/17/19 07:55
RB10-4	1901966-18	Solid	Solid	04/16/19 10:30	04/17/19 07:55
HP4-5	1901966-19	Solid	Solid	04/16/19 13:45	04/17/19 07:55
HP4-10	1901966-20	Solid	Solid	04/16/19 13:50	04/17/19 07:55
RB15-2	1901966-21	Solid	Solid	04/16/19 14:10	04/17/19 07:55
RB14-2	1901966-23	Solid	Solid	04/16/19 14:20	04/17/19 07:55
RB14-4	1901966-24	Solid	Solid	04/16/19 14:20	04/17/19 07:55
HP5-5	1901966-25	Solid	Solid	04/16/19 10:45	04/17/19 07:55
HP5-10	1901966-26	Solid	Solid	04/16/19 10:50	04/17/19 07:55
RB11-2	1901966-27	Solid	Solid	04/16/19 11:50	04/17/19 07:55
RB11-4	1901966-28	Solid	Solid	04/16/19 11:50	04/17/19 07:55
HP3-5	1901966-29	Solid	Solid	04/16/19 12:20	04/17/19 07:55

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Rincon Consultants Project: Ortega Park WO & Reported: 180 N. Ashwood Ave. Project Number: 18-06506/604 E. Ortega St., Santa Barbara, CA 1901966
Ventura CA, 93003 Project Manager: Nico Navarro 05/31/2019 12:54

#### **SAMPLE SUMMARY**

Sample ID	Laboratory ID	Client Matrix	Lab Matrix	Date Sampled	Date Received
HP3-10	1901966-30	Solid	Solid	04/16/19 12:25	04/17/19 07:55
HP2-5	1901966-31	Solid	Solid	04/16/19 14:35	04/17/19 07:55
HP2-10	1901966-32	Solid	Solid	04/16/19 14:40	04/17/19 07:55
HP1-5	1901966-33	Solid	Solid	04/16/19 14:50	04/17/19 07:55
HP1-10	1901966-34	Solid	Solid	04/16/19 14:55	04/17/19 07:55
RB13-2	1901966-35	Solid	Solid	04/16/19 15:10	04/17/19 07:55
RB8-2	1901966-37	Solid	Solid	04/16/19 15:25	04/17/19 07:55
RB8-4	1901966-38	Solid	Solid	04/16/19 15:25	04/17/19 07:55
RB12-1	1901966-39	Solid	Solid	04/16/19 15:18	04/17/19 07:55

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Rincon Consultants Project: Ortega Park WO & Reported: 180 N. Ashwood Ave. Project Number: 18-06506/604 E. Ortega St., Santa Barbara, CA 1901966
Ventura CA, 93003 Project Manager: Nico Navarro 05/31/2019 12:54

### ANALYTICAL REPORT FOR SAMPLES 1901966-01 (Solid) RB1-2

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Metals by CVAA									
Mercury	ND	0.079	mg/kg	1	B9D0688	04/24/19	04/24/19	EPA 7471A	
Total Metals by ICP									
Antimony	ND	2.4	mg/kg	1	B9D0566	04/19/19	04/23/19	EPA 6010B	
Arsenic	4.4	1.9	"	"	"	"	"	"	
Barium	74	0.95	"	"	"	"	"	"	
Beryllium	ND	0.47	"	"	"	"	"	"	
Cadmium	ND	0.24	"	"	"	"	"	"	
Chromium	22	0.47	"	"	"	"	"	"	
Cobalt	4.3	0.47	"	"	"	"	"	"	
Copper	18	0.95	"	"	"	"	"	"	
Lead	40	0.47	"	"	"	"	"	"	
Molybdenum	ND	0.47	"	"	"	"	"	"	
Nickel	19	0.24	"	"	"	"	"	"	
Selenium	ND	1.9	"	"	"	"	"	"	
Silver	ND	0.47	"	"	"	"	"	"	
Thallium	1.9	0.95	"	"	"	"	"	"	
Vanadium	27	0.95	"	"	"	"	"	"	
Zinc	65	0.95	"	"	"	"	"	"	
Volatile Organic TPH by GC/FID									
TPH Gasoline (C4-C12)	ND	0.0050	mg/kg	1	B9D0596	04/19/19	04/19/19	EPA 8015M	
Surrogate: 4-Bromofluorobenzene		69.8 %	(36 -	163)	"	"	"	"	
Semi-Volatile Organic TPH by GC/FID									
TPH Diesel (C13-C22)	ND	10	mg/kg	1	B9D0534	04/18/19	04/19/19	EPA 8015M	
TPH Motor Oil (C23-C40)	64	50	"	"	"	"	"	"	
Surrogate: o-Terphenyl		91.2 %	(67 -	134)	"	"	"	"	

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# Oilfield Environmental & Compliance, Inc.

Rincon Consultants Project: Ortega Park WO & Reported: Project Number: 18-06506/604 E. Ortega St., Santa Barbara, CA 1901966 180 N. Ashwood Ave.

Project Manager: Nico Navarro Ventura CA, 93003

05/31/2019 12:54

### 1901966-01 (Solid) **RB1-2**

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Polynuclear Aromatic Compour	nds by GC/MS wi	th Select	ed Ion Mo	onitoring					R-05
Acenaphthene	ND	0.010	mg/kg	2	B9D0605	04/22/19	04/26/19	EPA 8270-SIM	
Acenaphthylene	ND	0.010	"	"	"	"	"	"	
Anthracene	ND	0.010	"	"	"	"	"	"	
Benz (a) anthracene	0.020	0.010	"	"	"	"	"	"	
Benzo (b) fluoranthene	0.031	0.010	"	"	"	"	"	"	ISlowA
Benzo (k) fluoranthene	0.032	0.010	"	"	"	"	"	"	ISlowA
Benzo (a) pyrene	0.059	0.010	"	"	"	"	"	"	ISlowA
Benzo (g,h,i) perylene	0.072	0.020	"	"	"	"	"	"	ISlowA
Chrysene	0.029	0.010	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.020	"	"	"	"	"	"	
Fluoranthene	0.062	0.010	"	"	"	"	"	"	
Fluorene	ND	0.010	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	0.023	0.010	"	"	"	"	"	"	ISlowA
Naphthalene	ND	0.020	"	"	"	"	"	"	
Phenanthrene	0.023	0.010	"	"	"	"	"	"	
Pyrene	0.14	0.010	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14		102 %	(13 -	180)	"	"	"	"	

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Rincon Consultants Project: Ortega Park WO & Reported: 180 N. Ashwood Ave. Project Number: 18-06506/604 E. Ortega St., Santa Barbara, CA 1901966
Ventura CA, 93003 Project Manager: Nico Navarro 05/31/2019 12:54

### 1901966-03 (Solid) RB2-2

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Metals by CVAA									
Mercury	ND	0.095	mg/kg	1	B9D0688	04/24/19	04/24/19	EPA 7471A	
Total Metals by ICP									
Antimony	ND	2.5	mg/kg	1	B9D0566	04/19/19	04/23/19	EPA 6010B	
Arsenic	4.9	2.0	"	"	"	"	"	"	
Barium	67	1.0	"	"	"	"	"	"	
Beryllium	ND	0.50	"	"	"	"	"	"	
Cadmium	ND	0.25	"	"	"	"	"	"	
Chromium	22	0.50	"	"	"	"	"	"	
Cobalt	4.4	0.50	"	"	"	"	"	"	
Copper	22	1.0	"	"	"	"	"	"	
Lead	34	0.50	"	"	**	"	"	"	
Molybdenum	0.59	0.50	"	"	**	"	"	"	
Nickel	18	0.25	"	"	**	"	"	"	
Selenium	ND	2.0	"	"	"	"	"	"	
Silver	ND	0.50	"	"	"	"	"	"	
Thallium	1.7	1.0	"	"	"	"	"	"	
Vanadium	25	1.0	"	"	**	"	"	"	
Zinc	63	1.0	"	"	"	"	"	"	
Volatile Organic TPH by GC/FID									
TPH Gasoline (C4-C12)	ND	0.49	mg/kg	1	B9D0596	04/19/19	04/19/19	EPA 8015M	
Surrogate: 4-Bromofluorobenzene		78.4 %	(36 -	163)	"	"	"	"	
Semi-Volatile Organic TPH by GC/F	ID								
TPH Diesel (C13-C22)	ND	10	mg/kg	1	B9D0534	04/18/19	04/19/19	EPA 8015M	
TPH Motor Oil (C23-C40)	58	50	"	"	"	"	"	"	
Surrogate: o-Terphenyl		93.9 %	(67 -	134)	"	"	"	"	

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# Oilfield Environmental & Compliance, Inc.

Rincon Consultants Project: Ortega Park WO & Reported: Project Number: 18-06506/604 E. Ortega St., Santa Barbara, CA 1901966 180 N. Ashwood Ave.

Project Manager: Nico Navarro Ventura CA, 93003

05/31/2019 12:54

### 1901966-03 (Solid) **RB2-2**

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Polynuclear Aromatic Compour	nds by GC/MS wi	th Select	ed Ion Mo	onitoring					R-05
Acenaphthene	ND	0.010	mg/kg	2	B9D0605	04/22/19	04/26/19	EPA 8270-SIM	
Acenaphthylene	ND	0.010	"	"	"	"	"	"	
Anthracene	ND	0.010	"	"	"	"	"	"	
Benz (a) anthracene	ND	0.010	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.010	"	"	"	"	"	"	ISlowA
Benzo (k) fluoranthene	0.013	0.010	"	"	"	"	"	"	ISlowA
Benzo (a) pyrene	0.012	0.010	"	"	"	"	"	"	ISlowA
Benzo (g,h,i) perylene	ND	0.020	"	"	"	"	"	"	
Chrysene	0.013	0.010	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.020	"	"	"	"	"	"	
Fluoranthene	0.017	0.010	"	"	"	"	"	"	
Fluorene	ND	0.010	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.010	"	"	"	"	"	"	
Naphthalene	0.039	0.020	"	"	"	"	"	"	
Phenanthrene	0.015	0.010	"	"	"	"	"	"	
Pyrene	0.020	0.010	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14		105 %	(13 -	180)	"	"	"	"	

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Analyte

# Oilfield Environmental & Compliance, Inc.

Batch

Prepared

Analyzed

Rincon Consultants Project: Ortega Park WO & Reported: Project Number: 18-06506/604 E. Ortega St., Santa Barbara, CA 1901966 180 N. Ashwood Ave.

Project Manager: Nico Navarro Ventura CA, 93003

Result

RL

Notes

05/31/2019 12:54

Method

### 1901966-05 (Solid) **RB3-2**

Dilution

Units

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Polynuclear Aromatic Compour	nds by GC/MS wi	th Select	ed Ion Mo	onitoring					R-01
Acenaphthene	ND	0.050	mg/kg	5	B9D0848	04/30/19	05/02/19	EPA 8270-SIM	
Acenaphthylene	ND	0.050	"	"	"	"	"	"	
Anthracene	ND	0.050	"	"	"	"	"	"	
Benz (a) anthracene	0.050	0.050	"	"	"	"	"	"	
Benzo (b) fluoranthene	0.097	0.050	"	"	"	"	"	"	ISlowA
Benzo (k) fluoranthene	0.077	0.050	"	"	"	"	"	"	ISlowA
Benzo (a) pyrene	0.14	0.050	"	"	"	"	"	"	ISlowA
Benzo (g,h,i) perylene	0.21	0.10	"	"	"	"	"	"	ISlowA
Chrysene	0.067	0.050	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.10	"	"	"	"	"	"	
Fluoranthene	0.15	0.050	"	"	"	"	"	"	
Fluorene	ND	0.050	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	0.063	0.050	"	"	"	"	"	"	ISlowA
Naphthalene	ND	0.10	"	"	"	"	"	"	
Phenanthrene	0.067	0.050	"	"	"	"	"	"	
Pyrene	0.31	0.050	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14		100 %	(13	180)	"	"	"	"	

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Rincon Consultants Project: Ortega Park WO & Reported: 180 N. Ashwood Ave. Project Number: 18-06506/604 E. Ortega St., Santa Barbara, CA 1901966 05/31/2019 12:54 Ventura CA, 93003

Project Manager: Nico Navarro

1901966-06 (Solid) **RB3-4** 

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Metals by CVAA									
Mercury	ND	0.089	mg/kg	1	B9D0688	04/24/19	04/24/19	EPA 7471A	
Total Metals by ICP									
Antimony	ND	2.5	mg/kg	1	B9D0566	04/19/19	04/23/19	EPA 6010B	
Arsenic	10	2.0	"	"	"	"	"	"	
Barium	57	0.99	"	"	"	"	"	"	
Beryllium	ND	0.50	"	"	"	"	"	"	
Cadmium	ND	0.25	"	"	"	"	"	"	
Chromium	15	0.50	"	"	"	"	"	"	
Cobalt	4.1	0.50	"	"	"	"	"	"	
Copper	14	0.99	"	"	"	"	"	"	
Lead	20	0.50	"	"	"	"	"	"	
Molybdenum	ND	0.50	"	"	"	"	"	"	
Nickel	15	0.25	"	"	"	"	"	"	
Selenium	ND	2.0	"	"	"	"	"	"	
Silver	ND	0.50	"	"	"	"	"	"	
Thallium	1.8	0.99	"	"	"	"	"	"	
Vanadium	20	0.99	"	"	"	"	"	"	
Zinc	41	0.99	"	"	"	"	"	"	
Volatile Organic TPH by GC/FID									
TPH Gasoline (C4-C12)	ND	0.49	mg/kg	1	B9D0596	04/19/19	04/19/19	EPA 8015M	
Surrogate: 4-Bromofluorobenzene		85.0 %	(36 -	163)	"	"	"	"	
Semi-Volatile Organic TPH by GC/FID									
TPH Diesel (C13-C22)	ND	10	mg/kg	1	B9D0534	04/18/19	04/18/19	EPA 8015M	
TPH Motor Oil (C23-C40)	ND	50	"	"	"	"	"	"	
Surrogate: o-Terphenyl		100 %	(67 -	134)	"	"	"	"	

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Ventura CA, 93003

# Oilfield Environmental & Compliance, Inc.

Rincon Consultants Project: Ortega Park WO & Reported: 180 N. Ashwood Ave. Project Number: 18-06506/604 E. Ortega St., Santa Barbara, CA 1901966

Project Manager: Nico Navarro

05/31/2019 12:54

### 1901966-06 (Solid) RB3-4

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by G	C/MS								
t-Amyl Methyl Ether	ND	0.0050	mg/kg	1	B9D0564	04/19/19	04/19/19	EPA 8260B	
Benzene	ND	0.0050	"	"	"	"	"	"	
Bromobenzene	ND	0.0050	"	"	"	"	"	"	
Bromochloromethane	ND	0.0050	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0050	"	"	"	"	"	"	
Bromoform	ND	0.0050	"	"	"	"	"	"	
Bromomethane	ND	0.0050	"	"	"	"	"	"	
t-Butyl alcohol	ND	0.10	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0050	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0050	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0050	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0050	"	"	"	"	"	"	
Chlorobenzene	ND	0.0050	"	"	"	"	"	"	
Chloroethane	ND	0.0050	"	"	"	"	"	"	
Chloroform	ND	0.0050	"	"	"	"	"	"	
Chloromethane	ND	0.0050	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0050	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0050	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0050	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0050	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0050	"	"	"	"	"	"	
Dibromomethane	ND	0.0050	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0050	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0050	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0050	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0050	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0050	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.0050	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.0050	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0050	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0050	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0050	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0050	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0050	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0050	"	"	"	"	"	"	
Diisopropyl Ether	ND	0.0050	"	"	"	"	"	"	

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Ventura CA, 93003

# Oilfield Environmental & Compliance, Inc.

Rincon Consultants Project: Ortega Park WO & Reported: 180 N. Ashwood Ave. Project Number: 18-06506/604 E. Ortega St., Santa Barbara, CA 1901966

Project Manager: Nico Navarro

1901966 05/31/2019 12:54

### 1901966-06 (Solid) RB3-4

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by G	C/MS (Contin	nued)							
Ethanol	ND	4.0	mg/kg	1	B9D0564	04/19/19	04/19/19	EPA 8260B	
Ethyl t-Butyl Ether	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0050	"	"	"	"	"	"	
l-Isopropyl Toluene	0.12	0.0050	"	"	"	"	"	"	
sopropylbenzene	ND	0.0050	"	"	"	"	"	"	
Methylene chloride	ND	0.0050	"	"	"	"	"	"	
Methyl-t-butyl ether	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0050	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0050	"	"	"	"	"	"	
Styrene	ND	0.0050	"	"	"	"	"	"	
,1,1,2-Tetrachloroethane	ND	0.0050	"	"	"	"	"	"	
,1,2,2-Tetrachloroethane	ND	0.0050	"	"	"	"	"	"	
Tetrachloroethene (PCE)	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
,2,3-Trichlorobenzene	ND	0.0050	"	"	"	"	"	"	
,2,4-Trichlorobenzene	ND	0.0050	"	"	"	"	"	"	
,1,1-Trichloroethane	ND	0.0050	"	"	"	"	"	"	
,1,2-Trichloroethane	ND	0.0050	"	"	"	"	"	"	
Trichloroethene (TCE)	ND	0.0050	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0050	"	"	"	"	"	"	
,2,3-Trichloropropane	ND	0.0050	"	"	"	"	"	"	
,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Vinyl chloride	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		95.0 %	(73 -	132)	"	"	"	"	
Surrogate: Toluene-d8		98.3 %	(70 -	126)	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	(78 -	118)	"	"	"	"	

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Rincon Consultants Project: Ortega Park WO & Reported: Project Number: 18-06506/604 E. Ortega St., Santa Barbara, CA 180 N. Ashwood Ave.

Project Manager: Nico Navarro Ventura CA, 93003

1901966

05/31/2019 12:54

### 1901966-06 (Solid) **RB3-4**

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Polychlorinated Biphenyls by GC/EC	D								C-01
PCB-1016	ND	0.020	mg/kg	1	B9D0538	04/18/19	04/19/19	EPA 8082	
PCB-1221	ND	0.020	"	"	"	"	"	"	
PCB-1232	ND	0.020	"	"	"	"	"	"	
PCB-1242	ND	0.020	"	"	"	"	"	"	
PCB-1248	ND	0.020	"	"	"	"	"	"	
PCB-1254	ND	0.020	"	"	"	"	"	"	
PCB-1260	ND	0.020	"	"	"	"	"	"	
Surrogate: Decachlorobiphenyl		81.6 %	(10 -	163)	"	"	"	"	
Surrogate: 2,4,5,6 Tetrachloro-m-xylene		55.8 %	(10 -	150)	"	"	"	"	
Polynuclear Aromatic Compounds by					D0D0/05	0.4/22/10	0.4/2.5/10	ED4 0250 CD4	
Acenaphthene	0.042	0.025	mg/kg	5	B9D0605	04/22/19	04/25/19	EPA 8270-SIM	
Acenaphthylene	ND	0.0050	"	1	"	"	04/24/19	"	
Anthracene	0.096	0.025	"	5	"	"	04/25/19	"	
Benz (a) anthracene	0.22	0.025	"	"	"	"	"	"	
Benzo (b) fluoranthene	0.23	0.025	"	"	"	"	"	"	
Benzo (k) fluoranthene	0.19	0.025	"	"	"	"	"	"	
Benzo (a) pyrene	0.21	0.025	"	"	"	"	"	"	
Benzo (g,h,i) perylene	0.060	0.050	"	"	"	"	"	"	
Chrysene	0.26	0.025	"	"	"	"	"	"	
Dibenz (a,h) anthracene	0.014	0.010	"	1	"	"	04/24/19	"	ISlowA
Fluoranthene	0.48	0.025	"	5	"	"	04/25/19	"	
Fluorene	0.040	0.025	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	0.063	0.025	"	"	"	"	"	"	
Naphthalene	0.018	0.010	"	1	"	"	04/24/19	"	
Phenanthrene	0.39	0.025	"	5	"	"	04/25/19	"	
Pyrene	0.40	0.025	"	"	"	"	"	"	

(13 - 180)

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Surrogate: p-Terphenyl-d14

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Ventura CA, 93003

# Oilfield Environmental & Compliance, Inc.

Rincon Consultants Project: Ortega Park WO & Reported: 180 N. Ashwood Ave. Project Number: 18-06506/604 E. Ortega St., Santa Barbara, CA 1901966

Project Manager: Nico Navarro

05/31/2019 12:54

### 1901966-07 (Solid) RB7-2

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Metals by ICP									
Arsenic	5.9	1.9	mg/kg	1	B9E0122	05/06/19	05/07/19	EPA 6010B	
Barium	100	0.96	"	"	"	"	"	"	
Chromium	13	0.48	"	"	"	"	"	"	
Lead	77	0.48	"	"	"	"	"	"	N-02
Volatile Organic TPH by GC/FID									HT-03
TPH Gasoline (C4-C12)	ND	0.49	mg/kg	1	B9E0113	05/03/19	05/04/19	EPA 8015M	
Surrogate: 4-Bromofluorobenzene		87.8 %	(36 -	163)	"	"	"	"	
Semi-Volatile Organic TPH by GC/F.	ID								HT-04
TPH Diesel (C13-C22)	120	20	mg/kg	2	B9E0073	05/02/19	05/03/19	EPA 8015M	
TPH Motor Oil (C23-C40)	2400	99	"	"	"	"	"	"	
Surrogate: o-Terphenyl		96.5 %	(67 -	134)	"	"	"	"	
Polynuclear Aromatic Compounds by	y GC/MS w	ith Select	ed Ion M	onitoring					R-01
Acenaphthene	ND	1.0	mg/kg	50	B9D0848	04/30/19	05/02/19	EPA 8270-SIM	
Acenaphthylene	ND	1.0	"	"	"	"	"	"	
Anthracene	ND	1.0	"	"	"	"	"	"	
Benz (a) anthracene	ND	1.0	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	1.0	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	1.0	"	"	"	"	"	"	
Benzo (a) pyrene	ND	1.0	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	2.0	"	"	"	"	"	"	
Chrysene	ND	1.0	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	2.0	"	"	"	"	"	"	
Fluoranthene	ND	1.0	"	"	"	"	"	"	
Fluorene	ND	1.0	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	1.0	**	"	"	"	"	"	
Naphthalene	ND	2.0	"	"	"	"	"	"	
Phenanthrene	ND	1.0	"	"	"	"	"	"	
Pyrene	ND	1.0	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14		%	(13 -	180)	"	"	"	"	

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Rincon Consultants Project: Ortega Park WO & Reported: Project Number: 18-06506/604 E. Ortega St., Santa Barbara, CA 1901966 180 N. Ashwood Ave. Ventura CA, 93003

Project Manager: Nico Navarro

05/31/2019 12:54

### 1901966-08 (Solid) **RB7-4**

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Metals by CVAA									
Mercury	0.44	0.084	mg/kg	1	B9D0688	04/24/19	04/24/19	EPA 7471A	
<b>Total Metals by ICP</b>									
Antimony	5.9	2.4	mg/kg	1	B9D0566	04/19/19	04/23/19	EPA 6010B	
Arsenic	20	1.9	"	"	"	"	"	"	
Barium	1200	0.96	"	"	"	"	"	"	N-02
Beryllium	ND	0.48	"	"	"	"	"	"	
Cadmium	ND	0.24	"	"	"	"	"	"	
Chromium	72	0.48	"	"	"	"	"	"	N-02
Cobalt	7.1	0.48	"	"	"	"	"	"	
Copper	170	0.96	"	"	"	"	"	"	
Lead	940	0.48	"	"	"	"	"	"	N-02, N-03
Molybdenum	1.9	0.48	"	"	"	"	"	"	11 00
Nickel	120	0.24	"	"	"	"	"	"	
Selenium	ND	1.9	"	"	"	"	"	"	
Silver	ND	0.48	"	"	"	"	"	"	
Thallium	ND	0.96	"	"	"	"	"	"	
Vanadium	5.8	0.96	"	"	"	"	"	"	
Zinc	380	0.96	"	"	"	"	"	"	
STLC Metals by ICP									
Barium	13	0.050	mg/L	1	B9E0157	05/06/19	05/06/19	STLC/EPA 6010B	QB-01
Chromium	0.19	0.050	"	"	"	"	"	"	
Lead	100	0.050	"	"	"	"	"	"	N-07

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Rincon Consultants Project: Ortega Park WO & Reported: 180 N. Ashwood Ave. Project Number: 18-06506/604 E. Ortega St., Santa Barbara, CA 1901966

Ventura CA, 93003 Project Manager: Nico Navarro

05/31/2019 12:54

#### 1901966-08 (Solid) RB7-4

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TCLP Metals by ICP									
Lead	0.83	0.050	mg/L	1	B9E0076	05/02/19	05/02/19	EPA 1311/EPA 6010B	
Volatile Organic TPH by GC/FID									
TPH Gasoline (C4-C12)	ND	0.50	mg/kg	1	B9D0596	04/19/19	04/19/19	EPA 8015M	
Surrogate: 4-Bromofluorobenzene		80.6 %	(36 -	163)	"	"	"	"	
Semi-Volatile Organic TPH by GC	/FID								
TPH Diesel (C13-C22)	31	20	mg/kg	2	B9D0534	04/18/19	04/19/19	EPA 8015M	
TPH Motor Oil (C23-C40)	360	100	"	"	"	"	"	"	
Surrogate: o-Terphenyl		98.7 %	(67 -	134)	"	"	"	"	
Volatile Organic Compounds by G	C/MS								
t-Amyl Methyl Ether	ND	0.0050	mg/kg	1	B9D0564	04/19/19	04/19/19	EPA 8260B	
Benzene	ND	0.0050	"	"	"	"	"	"	
Bromobenzene	ND	0.0050	"	"	"	"	"	"	
Bromochloromethane	ND	0.0050	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0050	"	"	"	"	"	"	
Bromoform	ND	0.0050	"	"	"	"	"	"	
Bromomethane	ND	0.0050	11	"	"	"	"	"	
t-Butyl alcohol	ND	0.10	11	"	"	"	"	"	
n-Butylbenzene	ND	0.0050	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0050	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0050	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0050	"	"	"	"	"	"	
Chlorobenzene	ND	0.0050	"	"	"	"	"	"	
Chloroethane	ND	0.0050	"	"	"	"	"	"	
Chloroform	ND	0.0050	"	"	"	"	"	"	
Chloromethane	ND	0.0050	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0050	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0050	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0050	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0050	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0050	"	"	"	"	"	"	
Dibromomethane	ND	0.0050	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0050	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0050	"	"	"	"	"	"	

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Rincon Consultants Project: Ortega Park WO & Reported: 180 N. Ashwood Ave. Project Number: 18-06506/604 E. Ortega St., Santa Barbara, CA 1901966

Ventura CA, 93003 Project Manager: Nico Navarro

05/31/2019 12:54

#### 1901966-08 (Solid) RB7-4

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by GO	C/MS (Contin	nued)							
1,1-Dichloroethane	ND	0.0050	mg/kg	1	B9D0564	04/19/19	04/19/19	EPA 8260B	
1,2-Dichloroethane	ND	0.0050	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0050	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.0050	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.0050	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0050	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0050	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0050	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0050	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0050	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0050	"	"	"	"	"	"	
Diisopropyl Ether	ND	0.0050	"	"	"	"	"	"	
Ethanol	ND	4.0	"	"	"	"	"	"	
Ethyl t-Butyl Ether	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0050	"	"	"	"	"	"	
4-Isopropyl Toluene	ND	0.0050	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0050	"	"	"	"	"	"	
Methylene chloride	ND	0.0050	"	"	"	"	"	"	
Methyl-t-butyl ether	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0050	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0050	"	"	"	"	"	"	
Styrene	ND	0.0050	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0050	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0050	"	"	"	"	"	n	
Tetrachloroethene (PCE)	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	n	
1,2,3-Trichlorobenzene	ND	0.0050	"	"	"	"	"	n	
1,2,4-Trichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0050	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0050	"	"	"	"	"	"	
Trichloroethene (TCE)	ND	0.0050	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0050	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0050	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Vinyl chloride	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	

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Rincon Consultants Project: Ortega Park WO & Reported: 180 N. Ashwood Ave. Project Number: 18-06506/604 E. Ortega St., Santa Barbara, CA 1901966

Ventura CA, 93003 Project Manager: Nico Navarro

05/31/2019 12:54

#### 1901966-08 (Solid) RB7-4

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by GC/	MS (Conti	nued)							
Surrogate: Dibromofluoromethane		94.7 %	(73 -	132)	B9D0564	04/19/19	04/19/19	EPA 8260B	
Surrogate: Toluene-d8		98.9 %	(70 -	126)	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.4 %	(78 -	118)	"	"	"	"	
Polychlorinated Biphenyls by GC/EC	CD							C-0	1, C-06
PCB-1016	ND	0.060	mg/kg	1	B9D0538	04/18/19	04/19/19	EPA 8082	
PCB-1221	ND	0.060	"	"	"	"	"	"	
PCB-1232	ND	0.060	"	"	"	"	"	"	
PCB-1242	ND	0.060	"	"	"	"	"	"	
PCB-1248	ND	0.060	"	"	"	"	"	"	
PCB-1254	ND	0.060	"	"	"	"	"	"	
PCB-1260	ND	0.060	"	"	"	"	"	"	
Surrogate: Decachlorobiphenyl		53.3 %	(10 -	163)	"	"	"	"	
Surrogate: 2,4,5,6 Tetrachloro-m-xylene		42.3 %	(10 -	150)	"	"	"	"	
Polynuclear Aromatic Compounds by	y GC/MS w	ith Select	ed Ion Mo	onitoring					R-01
Acenaphthene	0.92	0.20	mg/kg	20	B9D0605	04/22/19	04/25/19	EPA 8270-SIM	
Acenaphthylene	0.91	0.20	"	"	"	"	"	"	
Anthracene	0.85	0.20	"	"	"	"	"	"	
Benz (a) anthracene	1.7	0.20	"	"	"	"	"	"	
Benzo (b) fluoranthene	3.8	0.20	"	"	"	"	"	"	
Benzo (k) fluoranthene	2.6	0.20	"	"	"	"	"	"	
Benzo (a) pyrene	12	1.0	"	100	"	"	04/25/19	"	
Benzo (g,h,i) perylene	42	4.0	"	200	"	"	04/26/19	"	
Chrysene	2.4	0.20	"	20	"	"	04/25/19	"	
Dibenz (a,h) anthracene	0.11	0.10	"	5	"	"	04/24/19	"	ISlowA
Fluoranthene	11	1.0	"	100	"	"	04/25/19	"	
Fluorene	0.21	0.20	"	20	"	"	04/25/19	"	
Indeno (1,2,3-cd) pyrene	8.5	1.0	"	100	"	"	04/25/19	"	
Naphthalene	0.23	0.10	"	5	"	"	04/24/19	"	ISlowA
Phenanthrene	4.6	1.0	"	100	"	"	04/25/19	"	
Pyrene	31	2.0	"	200	"	"	04/26/19	"	
		100.07	(10	1001					

(13 - 180)

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100 %

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04/25/19

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Surrogate: p-Terphenyl-d14



Ventura CA, 93003

# Oilfield Environmental & Compliance, Inc.

Rincon Consultants Project: Ortega Park WO & Reported: 180 N. Ashwood Ave. Project Number: 18-06506/604 E. Ortega St., Santa Barbara, CA 1901966

Project Manager: Nico Navarro

05/31/2019 12:54

1901966-09 (Solid) RB4-2

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic TPH by GC/FID									HT-03
TPH Gasoline (C4-C12)	ND	0.49	mg/kg	1	B9E0113	05/03/19	05/04/19	EPA 8015M	
Surrogate: 4-Bromofluorobenzene		96.2 %	(36 -	163)	"	"	"	"	
Semi-Volatile Organic TPH by GC/FID									HT-04
TPH Diesel (C13-C22)	110	9.9	mg/kg	1	B9E0073	05/02/19	05/07/19	EPA 8015M	
TPH Motor Oil (C23-C40)	890	50	"	"	"	"	"	"	
Surrogate: o-Terphenyl		88.2 %	(67 -	134)	"	"	"	"	

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Rincon Consultants Project: Ortega Park WO & Reported: 180 N. Ashwood Ave. Project Number: 18-06506/604 E. Ortega St., Santa Barbara, CA 1901966
Ventura CA, 93003 Project Manager: Nico Navarro 05/31/2019 12:54

1901966-10 (Solid) RR4-4

Result	DI							
1000010	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
0.32	0.099	mg/kg	1	B9D0688	04/24/19	04/24/19	EPA 7471A	
ND	2.3	mg/kg	1	B9D0566	04/19/19	04/23/19	EPA 6010B	
3.3	1.9	"	"	"	"	"	"	
57	0.93	"	"	"	"	"	"	
ND	0.47	"	"	"	"	"	"	
ND	0.23	"	"	"	"	"	"	
15	0.47	"	"	"	"	"	"	
4.1	0.47	"	"	"	"	"	"	
11	0.93	"	"	"	"	"	"	
29	0.47	"	"	"	"	"	"	
0.59	0.47	"	"	"	"	"	"	
14	0.23	"	"	"	"	"	"	
ND	1.9	"	"	"	"	"	"	
ND	0.47	"	"	"	"	"	"	
1.6	0.93	"	"	"	"	"	"	
22	0.93	"	"	"	"	"	"	
90	0.93	"	"	"	"	"	"	
ND	0.50	mg/kg	1	B9D0618	04/22/19	04/22/19	EPA 8015M	
	32.8 %	(36 -	163)	"	"	"	"	S-LOW
)								
1000	100	mg/kg	10	B9D0534	04/18/19	04/19/19	EPA 8015M	
8000	500	"	"	"	"	"	"	
	73.3 %	(67 -	134)	"	"	"	"	
	0.32  ND 3.3 57 ND ND 15 4.1 11 29 0.59 14 ND ND 1.6 22 90  ND	ND 2.3 3.3 1.9 57 0.93 ND 0.47 ND 0.23 15 0.47 4.1 0.47 11 0.93 29 0.47 0.59 0.47 14 0.23 ND 1.9 ND 0.47 1.6 0.93 22 0.93 90 0.93  ND 0.50 32.8 %  1000 100 8000 500	ND 2.3 mg/kg 3.3 1.9 " 57 0.93 " ND 0.47 " ND 0.23 " 15 0.47 " 4.1 0.47 " 11 0.93 " 29 0.47 " 14 0.23 " ND 1.9 " ND 0.47 " 16 0.93 " 20 0.93 " ND 0.93 "	ND 2.3 mg/kg 1  3.3 1.9 " "  57 0.93 " "  ND 0.47 " "  ND 0.23 " "  15 0.47 " "  4.1 0.47 " "  11 0.93 " "  29 0.47 " "  14 0.23 " "  ND 1.9 " "  ND 0.47 " "  ND 0.59 0.47 " "  14 0.23 " "  ND 1.9 " "  ND 0.47 " "  ND 0.47 " "  ND 0.59 0.47 " "  ND 1.9 " "  ND 0.47 " "  1.6 0.93 " "  22 0.93 " "  90 0.93 " "  ND 0.50 mg/kg 1  32.8% (36-163)	0.32 0.099 mg/kg 1 B9D0688  ND 2.3 mg/kg 1 B9D0566 3.3 1.9 " " " ND 0.47 " " " " ND 0.23 " " " " 15 0.47 " " " " 11 0.93 " " " " 29 0.47 " " " " 14 0.23 " " " " ND 1.9 " " " ND 0.47 " " " " 16 0.93 " " " " ND 0.47 " " " " ND 1.9 " " " ND 0.47 " " " " ND 0.59 0.47 " " " " ND 0.59 0.47 " " " " " ND 1.9 " " " " ND 0.47 " " " " "  1.6 0.93 " " " " " ND 0.50 mg/kg 1 B9D0618 32.8 % (36 - 163) " " "	0.32 0.099 mg/kg 1 B9D0688 04/24/19  ND 2.3 mg/kg 1 B9D0566 04/19/19 3.3 1.9 " " " " " ND 0.47 " " " " " ND 0.23 " " " " " " 15 0.47 " " " " " " 11 0.93 " " " " " " 29 0.47 " " " " " " 14 0.23 " " " " " " " ND 0.59 0.47 " " " " " " " ND 0.47 " " " " " " " ND 0.59 0.47 " " " " " " " " ND 0.59 0.47 " " " " " " " " " ND 0.59 0.47 " " " " " " " " " " " " " " " " " " "	0.32 0.099 mg/kg 1 B9D0688 04/24/19 04/24/19  ND 2.3 mg/kg 1 B9D0566 04/19/19 04/23/19 3.3 1.9 " " " " " " " " " " " " " " " " " " "	0.32 0.099 mg/kg 1 B9D0688 04/24/19 04/24/19 EPA 7471A  ND 2.3 mg/kg 1 B9D0566 04/19/19 04/23/19 EPA 6010B 3.3 1.9 " " " " " " " " " ND 0.47 " " " " " " " " " " " ND 0.23 " " " " " " " " " " " " " " " " " " "

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Ventura CA, 93003 Project Manager: Nico Navarro

05/31/2019 12:54

#### 1901966-10 (Solid) RB4-4

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by C	GC/MS								
t-Amyl Methyl Ether	ND	0.0050	mg/kg	1	B9D0564	04/19/19	04/19/19	EPA 8260B	
Benzene	ND	0.0050	"	"	"	"	"	"	
Bromobenzene	ND	0.0050	"	"	"	"	"	"	
Bromochloromethane	ND	0.0050	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0050	"	"	"	"	"	"	
Bromoform	ND	0.0050	"	"	"	"	"	"	
Bromomethane	ND	0.0050	"	"	"	"	"	"	
t-Butyl alcohol	ND	0.10	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0050	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0050	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0050	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0050	"	"	"	"	"	"	
Chlorobenzene	ND	0.0050	"	"	"	"	"	"	
Chloroethane	ND	0.0050	"	"	"	"	"	"	
Chloroform	ND	0.0050	"	"	"	"	"	"	
Chloromethane	ND	0.0050	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0050	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0050	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0050	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0050	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0050	"	"	"	"	"	"	
Dibromomethane	ND	0.0050	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0050	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0050	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0050	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0050	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0050	"	"	"	"	"	n	
cis-1,2-Dichloroethene	ND	0.0050	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.0050	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0050	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0050	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0050	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0050	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0050	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0050	"	"	"	"	"	"	
Diisopropyl Ether	ND	0.0050	"	"	"	"	"	"	

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Rincon Consultants Project: Ortega Park WO & Reported: 180 N. Ashwood Ave. Project Number: 18-06506/604 E. Ortega St., Santa Barbara, CA 1901966

Ventura CA, 93003 Project Manager: Nico Navarro

05/31/2019 12:54

### 1901966-10 (Solid) RB4-4

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by G	C/MS (Contin	nued)							
Ethanol	ND	4.0	mg/kg	1	B9D0564	04/19/19	04/19/19	EPA 8260B	
Ethyl t-Butyl Ether	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0050	"	"	"	"	"	"	
4-Isopropyl Toluene	ND	0.0050	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0050	"	"	"	"	"	"	
Methylene chloride	ND	0.0050	"	"	"	"	"	"	
Methyl-t-butyl ether	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0050	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0050	"	"	"	"	"	"	
Styrene	ND	0.0050	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0050	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0050	"	"	"	"	"	"	
Tetrachloroethene (PCE)	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0050	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0050	"	"	"	"	"	"	
Trichloroethene (TCE)	ND	0.0050	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0050	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0050	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Vinyl chloride	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		96.1 %	(73 -	132)	"	"	"	"	
Surrogate: Toluene-d8		97.5 %	(70 -	126)	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		92.2 %	(78 -	118)	"	"	"	"	

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Ventura CA, 93003 Project Manager: Nico Navarro

05/31/2019 12:54

1901966-10 (Solid)

**RB4-4** 

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Polychlorinated Biphenyls by GC/EC	C <b>D</b>							C-0	1, C-06
PCB-1016	ND	0.020	mg/kg	1	B9D0538	04/18/19	04/19/19	EPA 8082	
PCB-1221	ND	0.020	"	"	"	"	"	"	
PCB-1232	ND	0.020	"	"	"	"	"	"	
PCB-1242	ND	0.020	"	"	"	"	"	"	
PCB-1248	ND	0.020	"	"	"	"	"	"	
PCB-1254	ND	0.020	"	"	"	"	"	"	
PCB-1260	ND	0.020	"	"	"	"	"	"	
Surrogate: Decachlorobiphenyl		138 %	(10 -	163)	"	"	"	"	
Surrogate: 2,4,5,6 Tetrachloro-m-xylene		101 %	(10 -	150)	"	"	"	"	
Polynuclear Aromatic Compounds by	y GC/MS wi	ith Select	ed Ion M	onitoring					R-01
Acenaphthene	ND	0.020	mg/kg	2	B9D0605	04/22/19	04/26/19	EPA 8270-SIM	
Acenaphthylene	ND	0.020	"	"	"	"	"	"	
Anthracene	ND	0.020	"	"	"	"	"	"	
Benz (a) anthracene	ND	0.020	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.020	"	"	"	"	"	"	ISlowA
Benzo (k) fluoranthene	ND	0.020	"	"	"	"	"	"	ISlowA
Benzo (a) pyrene	0.024	0.020	"	"	"	"	"	"	ISlowA
Benzo (g,h,i) perylene	ND	0.040	"	"	"	"	"	"	ISlowA
Chrysene	ND	0.020	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.040	"	"	"	"	"	"	
Fluoranthene	0.031	0.020	"	"	"	"	"	"	
Fluorene	ND	0.020	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.020	"	"	"	"	"	"	
Naphthalene	ND	0.040	"	"	"	"	"	"	
Phenanthrene	ND	0.020	"	"	"	"	"	"	
Pyrene	0.059	0.020	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14		120 %	(13 -	180)	"	"	"	"	

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Ventura CA, 93003

# Oilfield Environmental & Compliance, Inc.

Rincon Consultants Project: Ortega Park WO & Reported: 180 N. Ashwood Ave. Project Number: 18-06506/604 E. Ortega St., Santa Barbara, CA 1901966 05/31/2019 12:54

Project Manager: Nico Navarro

#### 1901966-11 (Solid) **RB6-2**

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Metals by ICP									
Lead	29	0.50	mg/kg	1	B9E0122	05/06/19	05/07/19	EPA 6010B	
Zinc	39	0.99	"	"	"	"	"	"	
Volatile Organic TPH by GC/FID									HT-03
TPH Gasoline (C4-C12)	ND	0.50	mg/kg	1	B9E0113	05/03/19	05/04/19	EPA 8015M	
Surrogate: 4-Bromofluorobenzene		89.7 %	(36 -	163)	"	"	"	"	
Semi-Volatile Organic TPH by GC/	FID								HT-04
TPH Diesel (C13-C22)	31	10	mg/kg	1	B9E0073	05/02/19	05/07/19	EPA 8015M	
TPH Motor Oil (C23-C40)	960	50	"	"	"	"	"	"	
Surrogate: o-Terphenyl		80.5 %	(67 -	134)	"	"	"	"	
Volatile Organic Compounds by GC	C/MS								HT-03
t-Amyl Methyl Ether	ND	0.0050	mg/kg	1	B9E0098	05/03/19	05/03/19	EPA 8260B	
Benzene	ND	0.0050	"	"	"	"	"	"	
Bromobenzene	ND	0.0050	"	"	"	"	"	"	
Bromochloromethane	ND	0.0050	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0050	"	"	"	"	"	"	
Bromoform	ND	0.0050	"	"	"	"	"	"	
Bromomethane	ND	0.0050	"	"	"	"	"	"	
t-Butyl alcohol	ND	0.099	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0050	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0050	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0050	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0050	"	"	"	"	"	"	
Chlorobenzene	ND	0.0050	"	"	"	"	"	"	
Chloroethane	ND	0.0050	"	"	"	"	"	"	
Chloroform	ND	0.0050	"	"	"	"	"	"	
Chloromethane	ND	0.0050	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0050	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0050	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0050	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0050	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0050	"	"	"	"	**	"	
Dibromomethane	ND	0.0050	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0050	**	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0050	"	"	"	"	"	"	

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Rincon Consultants Project: Ortega Park WO & Reported: 180 N. Ashwood Ave. Project Number: 18-06506/604 E. Ortega St., Santa Barbara, CA 1901966

Ventura CA, 93003 Project Manager: Nico Navarro

05/31/2019 12:54

#### 1901966-11 (Solid) RB6-2

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by GC	/MS (Conti	nued)							HT-03
1,1-Dichloroethane	ND	0.0050	mg/kg	1	B9E0098	05/03/19	05/03/19	EPA 8260B	
1,2-Dichloroethane	ND	0.0050	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0050	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.0050	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.0050	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0050	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0050	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0050	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0050	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0050	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0050	"	"	"	"	"	"	
Diisopropyl Ether	ND	0.0050	"	"	"	"	"	"	
Ethanol	ND	4.0	"	"	"	"	"	"	
Ethyl t-Butyl Ether	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0050	"	"	"	"	"	"	
4-Isopropyl Toluene	ND	0.0050	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0050	"	"	"	"	"	"	
Methylene chloride	ND	0.0050	"	"	"	"	"	"	
Methyl-t-butyl ether	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0050	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0050	"	"	"	"	"	"	
Styrene	ND	0.0050	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0050	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0050	"	"	"	"	"	"	
Tetrachloroethene (PCE)	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0050	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0050	"	"	"	"	"	"	
Trichloroethene (TCE)	ND	0.0050	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0050	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0050	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Vinyl chloride	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	

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Rincon Consultants Project: Ortega Park WO & Reported: 180 N. Ashwood Ave. Project Number: 18-06506/604 E. Ortega St., Santa Barbara, CA 1901966

Ventura CA, 93003 Project Manager: Nico Navarro

05/31/2019 12:54

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#### 1901966-11 (Solid) RB6-2

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by G	C/MS (Contin	nued)							HT-03
Surrogate: Dibromofluoromethane		104 %	(73 -	132)	B9E0098	05/03/19	05/03/19	EPA 8260B	
Surrogate: Toluene-d8		97.4 %	(70 -	126)	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.9 %	(78 -	118)	"	"	"	"	
Polynuclear Aromatic Compounds	by GC/MS wi	th Select	ed Ion M	onitoring					R-01
Acenaphthene	ND	0.040	mg/kg	4	B9D0848	04/30/19	05/02/19	EPA 8270-SIM	
Acenaphthylene	ND	0.040	"	"	"	"	"	"	
Anthracene	ND	0.040	"	"	"	"	"	"	
Benz (a) anthracene	ND	0.040	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.040	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.040	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.040	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	0.080	"	"	"	"	"	"	
Chrysene	ND	0.040	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.080	"	"	"	"	"	"	
Fluoranthene	ND	0.040	"	"	"	"	"	"	
Fluorene	ND	0.040	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.040	"	"	"	"	"	"	
Naphthalene	ND	0.080	"	"	"	"	"	"	
Phenanthrene	ND	0.040	"	"	"	"	"	"	
Pyrene	ND	0.040	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14		100 %	(13 -	180)	"	"	"	"	

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Ventura CA, 93003 Project Manager: Nico Navarro

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#### 1901966-12 (Solid) RB6-4

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Metals by CVAA									
Mercury	ND	0.10	mg/kg	1	B9D0688	04/24/19	04/24/19	EPA 7471A	
Total Metals by ICP									
Antimony	2.7	2.4	mg/kg	1	B9D0566	04/19/19	04/23/19	EPA 6010B	
Arsenic	4.7	1.9	"	"	"	"	"	"	
Barium	680	0.96	"	"	"	"	"	"	
Beryllium	ND	0.48	"	"	"	"	"	"	
Cadmium	3.1	0.24	"	"	"	"	"	"	
Chromium	20	0.48	11	"	"	"	"	"	
Cobalt	2.9	0.48	11	"	"	"	"	"	
Copper	46	0.96	**	"	"	"	"	"	
Lead	240	0.48	"	"	"	"	"	"	N-02, N-03
Molybdenum	ND	0.48	"	"	"	"	"	"	
Nickel	16	0.24	"	"	"	"	"	"	
Selenium	ND	1.9	"	"	"	"	"	"	
Silver	ND	0.48	"	"	"	"	"	"	
Thallium	1.4	0.96	"	"	"	"	"	"	
Vanadium	7.3	0.96	"	"	"	"	"	"	
Zinc	3300	0.96	"	"	"	"	"	"	N-02
STLC Metals by ICP									
Lead	100	0.050	mg/L	1	B9E0157	05/06/19	05/06/19	STLC/EPA 6010B	N-07
Zinc	330	0.25	"	"	"	"	"	"	B-02n, N-07
TCLP Metals by ICP									
Lead	0.61	0.050	mg/L	1	B9E0076	05/02/19	05/02/19	EPA 1311/EPA	

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6010B



Ventura CA, 93003

# Oilfield Environmental & Compliance, Inc.

Rincon Consultants Project: Ortega Park WO & Reported: 180 N. Ashwood Ave. Project Number: 18-06506/604 E. Ortega St., Santa Barbara, CA 1901966 05/31/2019 12:54

Project Manager: Nico Navarro

#### 1901966-12 (Solid) **RB6-4**

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic TPH by GC/FID									
TPH Gasoline (C4-C12)	ND	0.50	mg/kg	1	B9D0618	04/22/19	04/22/19	EPA 8015M	
Surrogate: 4-Bromofluorobenzene		76.5 %	(36 -	163)	"	"	"	"	
Semi-Volatile Organic TPH by GC/I	FID								
TPH Diesel (C13-C22)	5800	400	mg/kg	40	B9D0534	04/18/19	04/19/19	EPA 8015M	
TPH Motor Oil (C23-C40)	6900	2000	"	"	"	"	"	"	
Surrogate: o-Terphenyl		83.4 %	(67 -	134)	"	"	"	"	
Volatile Organic Compounds by GC	C/MS								
t-Amyl Methyl Ether	ND	0.0050	mg/kg	1	B9D0564	04/19/19	04/19/19	EPA 8260B	
Benzene	ND	0.0050	"	"	"	"	"	"	
Bromobenzene	ND	0.0050	"	"	"	"	"	"	
Bromochloromethane	ND	0.0050	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0050	"	"	"	"	"	"	
Bromoform	ND	0.0050	"	"	"	"	"	"	
Bromomethane	ND	0.0050	"	"	"	"	"	"	
t-Butyl alcohol	ND	0.10	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0050	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0050	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0050	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0050	"	"	"	"	"	"	
Chlorobenzene	ND	0.0050	"	"	"	"	"	"	
Chloroethane	ND	0.0050	"	"	"	"	"	"	
Chloroform	ND	0.0050	"	"	"	"	"	"	
Chloromethane	ND	0.0050	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0050	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0050	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0050	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0050	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0050	"	"	"	"	"	"	
Dibromomethane	ND	0.0050	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0050	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0050	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0050	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0050	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0050	"	"	"	"	"	"	

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Rincon Consultants Project: Ortega Park WO & Reported: 180 N. Ashwood Ave. Project Number: 18-06506/604 E. Ortega St., Santa Barbara, CA 1901966

Ventura CA, 93003 Project Manager: Nico Navarro

05/31/2019 12:54

#### 1901966-12 (Solid) RB6-4

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by G	GC/MS (Conti	nued)							
cis-1,2-Dichloroethene	ND	0.0050	mg/kg	1	B9D0564	04/19/19	04/19/19	EPA 8260B	
trans-1,2-Dichloroethene	ND	0.0050	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0050	**	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0050	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0050	**	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0050	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0050	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0050	"	"	"	"	"	"	
Diisopropyl Ether	ND	0.0050	"	"	"	"	"	"	
Ethanol	ND	4.0	"	"	"	"	"	"	
Ethyl t-Butyl Ether	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0050	"	"	"	"	"	"	
4-Isopropyl Toluene	ND	0.0050	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0050	"	"	"	"	"	"	
Methylene chloride	ND	0.0050	"	"	"	"	"	"	
Methyl-t-butyl ether	ND	0.0050	"	"	"	"	"	"	
Naphthalene	0.056	0.0050	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0050	"	"	"	"	"	"	
Styrene	ND	0.0050	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0050	**	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0050	**	"	"	"	"	"	
Tetrachloroethene (PCE)	ND	0.0050	**	"	"	"	"	"	
Toluene	ND	0.0050	**	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0050	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0050	"	"	"	"	"	"	
Trichloroethene (TCE)	ND	0.0050	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0050	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0050	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Vinyl chloride	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		97.5 %	(73 -	132)	"	"	"	"	
Surrogate: Toluene-d8		99.5 %	(70 -		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96.7 %	(78 -		"	"	"	"	

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Ventura CA, 93003

# Oilfield Environmental & Compliance, Inc.

Rincon Consultants Project: Ortega Park WO & Reported: Project Number: 18-06506/604 E. Ortega St., Santa Barbara, CA 1901966 180 N. Ashwood Ave.

Project Manager: Nico Navarro

05/31/2019 12:54

#### 1901966-12 (Solid) **RB6-4**

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Polynuclear Aromatic Compoun	nds by GC/MS wit	th Selecte	ed Ion Mo	onitoring					R-01
Acenaphthene	0.90	0.10	mg/kg	10	B9D0605	04/22/19	04/24/19	EPA 8270-SIM	
Acenaphthylene	25	2.0	"	200	"	"	04/25/19	"	
Anthracene	24	2.0	"	"	"	"	"	"	
Benz (a) anthracene	36	2.0	"	"	"	"	"	"	
Benzo (b) fluoranthene	30	2.0	"	"	"	"	"	"	
Benzo (k) fluoranthene	39	2.0	"	"	"	"	"	"	
Benzo (a) pyrene	59	4.0	"	400	"	"	04/25/19	"	
Benzo (g,h,i) perylene	47	8.0	"	"	"	"	"	"	
Chrysene	51	4.0	"	"	"	"	"	"	
Dibenz (a,h) anthracene	5.2	4.0	"	200	"	"	04/25/19	"	
Fluoranthene	130	16	"	1600	"	"	04/25/19	"	
Fluorene	11	2.0	"	200	"	"	04/25/19	"	
Indeno (1,2,3-cd) pyrene	40	2.0	"	"	"	"	"	"	
Naphthalene	42	4.0	"	"	"	"	"	"	
Phenanthrene	200	16	"	1600	"	"	04/25/19	"	
Pyrene	150	16	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14		150 %	(13 - 1	180)	"	"	04/24/19	"	

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Project Manager: Nico Navarro Ventura CA, 93003

05/31/2019 12:54

#### 1901966-13 (Solid) **RB5-2**

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Metals by CVAA									
Mercury	ND	0.095	mg/kg	1	B9E0123	05/06/19	05/06/19	EPA 7471A	
<b>Total Metals by ICP</b>									
Chromium	15	0.46	mg/kg	1	B9E0122	05/06/19	05/07/19	EPA 6010B	
Lead	120	0.46	"	"	"	"	"	"	N-02, N-03
TCLP Metals by ICP									
Lead	ND	0.050	mg/L	1	B9E0807	05/28/19	05/28/19	EPA 1311/EPA 6010B	
Polynuclear Aromatic Compoun	ds by GC/MS w	ith Select	ed Ion M	onitoring					R-01
Acenaphthene	ND	0.020	mg/kg	2	B9D0848	04/30/19	05/02/19	EPA 8270-SIM	
Acenaphthylene	0.020	0.020	"	"	"	"	"	"	
Anthracene	ND	0.020	"	"	"	"	"	"	
Benz (a) anthracene	0.051	0.040	"	4	"	"	05/02/19	"	
Benzo (b) fluoranthene	0.11	0.040	"	"	"	"	"	"	ISlowA
Benzo (k) fluoranthene	0.088	0.040	"	"	"	"	"	"	ISlowA
Benzo (a) pyrene	0.19	0.040	"	"	"	"	"	"	ISlowA
Benzo (g,h,i) perylene	0.28	0.080	"	"	"	"	"	"	ISlowA
Chrysene	0.077	0.040	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.040	"	2	"	"	05/02/19	"	
Fluoranthene	0.20	0.020	"	"	"	"	"	"	
Fluorene	ND	0.020	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	0.083	0.040	"	4	"	"	05/02/19	"	ISlowA
Naphthalene	ND	0.040	"	2	"	"	05/02/19	"	
Phenanthrene	0.061	0.020	"	"	"	"	"	"	
Pyrene	0.41	0.020	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.040	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.040	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14		95.0 %	(13 -	180)	"	"	"	"	

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Rincon Consultants Project: Ortega Park WO & Reported: 180 N. Ashwood Ave. Project Number: 18-06506/604 E. Ortega St., Santa Barbara, CA 1901966 05/31/2019 12:54 Ventura CA, 93003

Project Manager: Nico Navarro

#### 1901966-14 (Solid) **RB5-4**

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Metals by CVAA									
Mercury	2.1	0.81	mg/kg	10	B9D0688	04/24/19	04/24/19	EPA 7471A	N-02
Total Metals by ICP									
Antimony	9.9	2.4	mg/kg	1	B9D0566	04/19/19	04/23/19	EPA 6010B	
Arsenic	5.0	1.9	"	"	"	"	"	"	
Barium	500	0.97	"	"	"	"	"	"	
Beryllium	ND	0.48	"	"	"	"	"	"	
Cadmium	ND	0.24	"	"	"	"	"	"	
Chromium	120	0.48	"	"	"	"	"	"	N-02, N-03
Cobalt	5.7	0.48	"	"	"	"	"	"	
Copper	150	0.97	"	"	"	"	"	"	
Lead	3800	0.48	"	"	"	"	"	"	N-01, N-03
Molybdenum	0.62	0.48	"	"	"	"	"	"	
Nickel	21	0.24	"	"	"	"	"	"	
Selenium	ND	1.9	"	"	"	"	"	"	
Silver	ND	0.48	"	"	"	"	"	"	
Thallium	ND	0.97	"	"	"	"	"	"	
Vanadium	16	0.97	"	"	"	"	"	"	
Zinc	1100	0.97	"	"	"	"	"	"	
STLC Metals by CVAA									
Mercury	ND	0.0010	mg/L	1	B9E0176	05/07/19	05/07/19	STLC/EPA 7470A	
STLC Metals by ICP									
Chromium	0.071	0.050	mg/L	1	B9E0157	05/06/19	05/06/19	STLC/EPA	

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Rincon Consultants Project: Ortega Park WO & Reported: 180 N. Ashwood Ave. Project Number: 18-06506/604 E. Ortega St., Santa Barbara, CA 1901966

Ventura CA, 93003 Project Manager: Nico Navarro 05/

05/31/2019 12:54

#### 1901966-14 (Solid) RB5-4

Chromium	Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Control   Cont	TCLP Metals by ICP									
Volatile Organic TPH by GC/FID   ND	Chromium	ND	0.050	mg/L	1	B9E0076	05/02/19	05/02/19		
PH Gasoline (C4-C12)	Lead	ND	0.050	"	"	"	"	"	"	
Semi-Volatile Organic TPH by GC/FID   ND	Volatile Organic TPH by GC/FID									
Semi-Volatile Organic TPH by GC/FID   ND	TPH Gasoline (C4-C12)	ND	0.50	mg/kg	1	B9D0596	04/19/19	04/19/19	EPA 8015M	
PPH Diesel (C13-C22)	Surrogate: 4-Bromofluorobenzene		70.3 %	(36 -	163)	"	"	"	"	
Part   Motor Oil (C23-C40)   130   50   "   "   "   "   "   "   "   "   "	Semi-Volatile Organic TPH by GC	C/FID								
Surrogate: o-Terpheny    91,8%   (67 - 134)   " " " " " " " " "   "   "   "   "	TPH Diesel (C13-C22)	ND	9.9	mg/kg	1	B9D0534	04/18/19	04/19/19	EPA 8015M	
Volatile Organic Compounds by GC/MS   C-Amyl Methyl Ether   ND   0.0050   mg/kg   1   B9D0564   04/19/19   04/19/19   EPA 8260B   Benzene   ND   0.0050   "   "   "   "   "   "   "   "   "	TPH Motor Oil (C23-C40)	130	50	"	"	"	"	"	"	
Part	Surrogate: o-Terphenyl		91.8 %	(67 -	134)	"	"	"	"	
Benzene   ND   0.0050   "   "   "   "   "   "   "   "   "	<b>Volatile Organic Compounds by G</b>	SC/MS								
Selection   No.   State   No.   State   No.	t-Amyl Methyl Ether	ND	0.0050	mg/kg	1	B9D0564	04/19/19	04/19/19	EPA 8260B	
Bromochloromethane   ND   0.0050   "   "   "   "   "   "   "   "   "	Benzene	ND	0.0050	"	"	"	"	"	"	
Bromodichloromethane   ND   0.0050   "   "   "   "   "   "   "   "   "	Bromobenzene	ND	0.0050	"	"	"	"	"	"	
Bromoform  ND 0.0050 " " " " " " " " " " " " " " " " " "	Bromochloromethane	ND	0.0050	"	"	"	"	"	"	
Promomethane   ND   0.0050   "   "   "   "   "   "   "   "   "	Bromodichloromethane	ND	0.0050	"	"	"	"	"	"	
Patry   alcohol   ND   0.099   "	Bromoform	ND	0.0050	"	"	"	"	"	"	
ND   ND   ND   ND   ND   ND   ND   ND	Bromomethane	ND	0.0050	"	"	"	"	"	"	
ND   0.0050   "	t-Butyl alcohol	ND	0.099	"	"	"	"	"	"	
ND   0.0050   "   "   "   "   "   "   "   "   "	n-Butylbenzene	ND	0.0050	"	"	"	"	"	"	
Carbon tetrachloride         ND         0.0050         " </td <td>sec-Butylbenzene</td> <td>ND</td> <td>0.0050</td> <td>"</td> <td>"</td> <td>"</td> <td>"</td> <td>"</td> <td>"</td> <td></td>	sec-Butylbenzene	ND	0.0050	"	"	"	"	"	"	
Chlorobenzene ND 0.0050 " " " " " " " " " " " " " " " " " "	tert-Butylbenzene	ND	0.0050	"	"	"	"	"	"	
Chloroethane ND 0.0050 " " " " " " " " " " " " " " " " " "	Carbon tetrachloride	ND	0.0050	"	"	"	"	"	"	
Chloroform ND 0.0050 " " " " " " " " " " " " " " " " " "	Chlorobenzene	ND	0.0050	"	"	"	"	"	"	
Chloromethane ND 0.0050 " " " " " " " " " " " " " " " " " "	Chloroethane	ND	0.0050	"	"	"	"	"	"	
2-Chlorotoluene ND 0.0050 " " " " " " " " " " " " " " 4-Chlorotoluene ND 0.0050 " " " " " " " " " " " " " " " " " "	Chloroform	ND	0.0050	"	"	"	"	"	"	
4-Chlorotoluene ND 0.0050 " " " " " " " " " " " " " " " " " "	Chloromethane	ND	0.0050	"	"	"	"	"	"	
Dibromochloromethane ND 0.0050 " " " " " " " " " " " " " 1,2-Dibromochlane (EDB) ND 0.0050 " " " " " " " " " " " " " " " " " "	2-Chlorotoluene	ND	0.0050	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane       ND       0.0050       "	4-Chlorotoluene	ND	0.0050	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)       ND       0.0050       " <t< td=""><td>Dibromochloromethane</td><td>ND</td><td>0.0050</td><td>"</td><td>"</td><td>"</td><td>"</td><td>"</td><td>"</td><td></td></t<>	Dibromochloromethane	ND	0.0050	"	"	"	"	"	"	
Dibromomethane         ND         0.0050         "	1,2-Dibromo-3-chloropropane	ND	0.0050	"	"	"	"	"	"	
1,2-Dichlorobenzene ND 0.0050 " " " " " " " " " " " " " " " " " "	1,2-Dibromoethane (EDB)	ND	0.0050	"	"	"	"	"	"	
1,3-Dichlorobenzene ND 0.0050 " " " " " " "	Dibromomethane	ND	0.0050	"	"	"	"	"	"	
	1,2-Dichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,4-Dichlorobenzene ND 0.0050 " " " " " " " "	1,3-Dichlorobenzene	ND	0.0050	"	"	"	"	"	"	
	1,4-Dichlorobenzene	ND	0.0050	"	"	"	"	"	"	

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Rincon Consultants Project: Ortega Park WO & Reported: 180 N. Ashwood Ave. Project Number: 18-06506/604 E. Ortega St., Santa Barbara, CA 1901966

Ventura CA, 93003 Project Manager: Nico Navarro

05/31/2019 12:54

#### 1901966-14 (Solid) RB5-4

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by G	C/MS (Contin	nued)							
Dichlorodifluoromethane	ND	0.0050	mg/kg	1	B9D0564	04/19/19	04/19/19	EPA 8260B	
1,1-Dichloroethane	ND	0.0050	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0050	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0050	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.0050	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.0050	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0050	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0050	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0050	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0050	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0050	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0050	"	"	"	"	"	"	
Diisopropyl Ether	ND	0.0050	"	"	"	"	"	"	
Ethanol	ND	4.0	"	"	"	"	"	"	
Ethyl t-Butyl Ether	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0050	"	"	"	"	"	"	
4-Isopropyl Toluene	ND	0.0050	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0050	"	"	"	"	"	"	
Methylene chloride	ND	0.0050	"	"	"	"	"	"	
Methyl-t-butyl ether	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0050	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0050	"	"	"	"	"	"	
Styrene	ND	0.0050	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0050	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0050	"	"	"	"	"	"	
Tetrachloroethene (PCE)	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0050	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0050	"	"	"	"	"	"	
Trichloroethene (TCE)	ND	0.0050	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0050	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0050	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Vinyl chloride	ND	0.0050	"	"	"	"	"	"	

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Rincon Consultants Project: Ortega Park WO & Reported: Project Number: 18-06506/604 E. Ortega St., Santa Barbara, CA 1901966 180 N. Ashwood Ave.

Project Manager: Nico Navarro Ventura CA, 93003

05/31/2019 12:54

#### 1901966-14 (Solid) **RB5-4**

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by GC	MS (Conti	nued)							
Xylenes (total)	ND	0.0050	mg/kg	1	B9D0564	04/19/19	04/19/19	EPA 8260B	
Surrogate: Dibromofluoromethane		84.4 %	(73 -	132)	"	"	"	"	
Surrogate: Toluene-d8		98.3 %	(70 -	126)	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.2 %	(78 -	118)	"	"	"	"	
Polynuclear Aromatic Compounds b	y GC/MS w	ith Select	ed Ion M	onitoring					R-01
Acenaphthene	ND	0.10	mg/kg	10	B9D0605	04/22/19	04/24/19	EPA 8270-SIM	
Acenaphthylene	1.3	0.50	"	50	"	"	04/26/19	"	
Anthracene	0.73	0.50	"	"	"	"	"	"	
Benz (a) anthracene	2.9	0.50	"	"	"	"	"	"	
Benzo (b) fluoranthene	6.5	0.50	"	"	"	"	"	"	
Benzo (k) fluoranthene	4.4	0.50	"	"	"	"	"	"	
Benzo (a) pyrene	22	2.0	"	200	"	"	04/25/19	"	
Benzo (g,h,i) perylene	67	16	"	800	"	"	04/25/19	"	
Chrysene	4.2	0.50	"	50	"	"	04/26/19	"	
Dibenz (a,h) anthracene	ND	0.20	"	10	"	"	04/24/19	"	ISlowA
Fluoranthene	18	2.0	"	200	"	"	04/25/19	"	
Fluorene	0.11	0.10	"	10	"	"	04/24/19	"	ISlowA
Indeno (1,2,3-cd) pyrene	15	2.0	"	200	"	"	04/25/19	"	
Naphthalene	0.23	0.20	"	10	"	"	04/24/19	"	ISlowA
Phenanthrene	3.5	0.50	"	50	"	"	04/26/19	"	
Pyrene	61	8.0	"	800	"	"	04/25/19	"	
Surrogate: p-Terphenyl-d14		125 %	(13 -	180)	"	"	04/26/19	"	

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Rincon Consultants Project: Ortega Park WO & Reported: 180 N. Ashwood Ave. Project Number: 18-06506/604 E. Ortega St., Santa Barbara, CA 1901966

Ventura CA, 93003 Project Manager: Nico Navarro

05/31/2019 12:54

#### 1901966-15 (Solid) RB9-2

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Metals by ICP									
Lead	41	0.49	mg/kg	1	B9E0122	05/06/19	05/07/19	EPA 6010B	
Thallium	ND	0.98	"	"	"	"	"	"	
Volatile Organic TPH by GC/FID									HT-03
TPH Gasoline (C4-C12)	ND	0.49	mg/kg	1	B9E0113	05/03/19	05/04/19	EPA 8015M	
Surrogate: 4-Bromofluorobenzene		88.3 %	(36 -	163)	"	"	"	"	
Semi-Volatile Organic TPH by GC/FID									HT-04
TPH Diesel (C13-C22)	ND	10	mg/kg	1	B9E0073	05/02/19	05/03/19	EPA 8015M	
TPH Motor Oil (C23-C40)	ND	50	"	"	"	"	"	"	
Surrogate: o-Terphenyl		102 %	(67 -	134)	"	"	"	"	

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Project Manager: Nico Navarro 05/31/2019 12:54

#### 1901966-16 (Solid) **RB9-4**

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Metals by CVAA									
Mercury	0.45	0.085	mg/kg	1	B9D0688	04/24/19	04/24/19	EPA 7471A	
<b>Total Metals by ICP</b>									
Antimony	ND	2.4	mg/kg	1	B9D0566	04/19/19	04/23/19	EPA 6010B	
Arsenic	4.2	1.9	**	"	"	"	"	"	
Barium	640	0.95	**	"	"	"	"	"	
Beryllium	ND	0.47	**	"	"	"	"	"	
Cadmium	ND	0.24	**	"	"	"	"	"	
Chromium	20	0.47	**	"	"	"	"	"	
Cobalt	7.6	0.47	**	"	"	"	"	"	
Copper	16	0.95	"	"	"	"	"	"	
Lead	120	0.47	"	"	"	"	"	"	N-02, N-03
Molybdenum	ND	0.47	"	"	"	"	"	"	14-03
Nickel	16	0.24	"	"	"	"	"	"	
Selenium	ND	1.9	"	"	"	"	"	"	
Silver	13	0.47	"	"	"	"	"	"	
Thallium	2.0	0.95	"	"	"	"	"	"	
Vanadium	26	0.95	"	"	"	"	"	"	
Zinc	120	0.95	"	"	"	"	"	"	
STLC Metals by ICP									
Lead	190	0.050	mg/L	1	B9E0157	05/06/19	05/06/19	STLC/EPA 6010B	N-07
TCLP Metals by ICP									
Lead	0.093	0.050	mg/L	1	B9E0076	05/02/19	05/02/19	EPA 1311/EPA 6010B	

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Ventura CA, 93003 Project Manager: Nico Navarro

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#### 1901966-16 (Solid) RB9-4

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic TPH by GC/FID									
TPH Gasoline (C4-C12)	ND	0.50	mg/kg	1	B9D0596	04/19/19	04/19/19	EPA 8015M	
Surrogate: 4-Bromofluorobenzene		77.4 %	(36 -	163)	"	"	"	"	
Semi-Volatile Organic TPH by GC	/FID								
TPH Diesel (C13-C22)	420	100	mg/kg	10	B9D0534	04/18/19	04/19/19	EPA 8015M	
TPH Motor Oil (C23-C40)	3300	500	"	"	"	"	"	"	
Surrogate: o-Terphenyl		91.2 %	(67 -	134)	"	"	"	"	
Volatile Organic Compounds by G	C/MS								
t-Amyl Methyl Ether	ND	0.0049	mg/kg	1	B9D0564	04/19/19	04/19/19	EPA 8260B	
Benzene	ND	0.0049	"	"	"	"	"	"	
Bromobenzene	ND	0.0049	"	"	"	"	"	"	
Bromochloromethane	ND	0.0049	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0049	"	"	"	"	"	"	
Bromoform	ND	0.0049	"	"	"	"	"	"	
Bromomethane	ND	0.0049	"	"	"	"	"	"	
t-Butyl alcohol	ND	0.099	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0049	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0049	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0049	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0049	"	"	"	"	"	"	
Chlorobenzene	ND	0.0049	"	"	"	"	"	"	
Chloroethane	ND	0.0049	"	"	"	"	"	"	
Chloroform	ND	0.0049	"	"	"	"	"	"	
Chloromethane	ND	0.0049	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0049	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0049	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0049	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0049	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0049	"	"	"	"	"	"	
Dibromomethane	ND	0.0049	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0049	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0049	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0049	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0049	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0049	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0049	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0049	"	"	"	"	"	"	

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Ventura CA, 93003 Project Manager: Nico Navarro

05/31/2019 12:54

#### 1901966-16 (Solid) RB9-4

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by G	C/MS (Contin	nued)							
cis-1,2-Dichloroethene	ND	0.0049	mg/kg	1	B9D0564	04/19/19	04/19/19	EPA 8260B	_
trans-1,2-Dichloroethene	ND	0.0049	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0049	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0049	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0049	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0049	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0049	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0049	"	"	"	"	"	"	
Diisopropyl Ether	ND	0.0049	"	"	"	"	"	"	
Ethanol	ND	4.0	"	"	"	"	"	"	
Ethyl t-Butyl Ether	ND	0.0049	"	"	"	"	"	"	
Ethylbenzene	ND	0.0049	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0049	"	"	"	"	"	"	
4-Isopropyl Toluene	ND	0.0049	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0049	"	"	"	"	"	"	
Methylene chloride	ND	0.0049	"	"	"	"	"	"	
Methyl-t-butyl ether	ND	0.0049	"	"	"	"	"	"	
Naphthalene	ND	0.0049	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0049	"	"	"	"	"	"	
Styrene	ND	0.0049	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0049	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0049	"	"	"	"	"	"	
Tetrachloroethene (PCE)	ND	0.0049	"	"	"	"	"	"	
Toluene	ND	0.0049	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0049	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0049	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0049	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0049	"	"	"	"	"	"	
Trichloroethene (TCE)	ND	0.0049	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0049	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0049	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0049	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0049	"	"	"	"	"	"	
Vinyl chloride	ND	0.0049	"	"	"	"	"	"	
Xylenes (total)	ND	0.0049	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		99.4 %	(73 -	132)	"	"	"	"	
Surrogate: Toluene-d8		98.3 %	(70 -		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		94.1 %	(78 -		"	"	"	"	

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Rincon Consultants Project: Ortega Park WO & Reported: Project Number: 18-06506/604 E. Ortega St., Santa Barbara, CA 180 N. Ashwood Ave.

Project Manager: Nico Navarro Ventura CA, 93003

1901966

05/31/2019 12:54

#### 1901966-16 (Solid) **RB9-4**

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Polychlorinated Biphenyls by GC/E0	C <b>D</b>							C-0	1, C-06
PCB-1016	ND	0.020	mg/kg	1	B9D0538	04/18/19	04/19/19	EPA 8082	
PCB-1221	ND	0.020	"	"	"	"	"	"	
PCB-1232	ND	0.020	"	"	"	"	"	"	
PCB-1242	ND	0.020	"	"	"	"	"	"	
PCB-1248	ND	0.020	"	"	"	"	"	"	
PCB-1254	ND	0.020	"	"	"	"	"	"	
PCB-1260	ND	0.020	"	"	"	"	"	"	
Surrogate: Decachlorobiphenyl		118 %	(10 -	163)	"	"	"	"	
Surrogate: 2,4,5,6 Tetrachloro-m-xylene		90.5 %	(10 -	150)	"	"	"	"	
Polynuclear Aromatic Compounds b	y GC/MS w	ith Select	ed Ion M	onitoring					
Acenaphthene	ND	0.0050	mg/kg	1	B9D0605	04/22/19	04/26/19	EPA 8270-SIM	
Acenaphthylene	ND	0.0050	"	"	"	"	"	"	
Anthracene	ND	0.0050	"	"	"	"	"	"	
Benz (a) anthracene	0.010	0.0050	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0050	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0050	"	"	"	"	"	"	
Benzo (a) pyrene	0.014	0.0050	"	"	"	"	"	"	
Benzo (g,h,i) perylene	0.011	0.010	"	"	"	"	"	"	
Chrysene	0.012	0.0050	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.010	"	"	"	"	"	"	
Fluoranthene	0.017	0.0050	"	"	"	"	"	"	
Fluorene	ND	0.0050	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	0.0050	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.010	"	"	"	"	"	"	
Phenanthrene	0.0090	0.0050	"	"	"	"	"	"	
Pyrene	0.021	0.0050	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14		104 %	(13 -	180)	"	"	"	"	

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Rincon Consultants Project: Ortega Park WO & Reported: 180 N. Ashwood Ave. Project Number: 18-06506/604 E. Ortega St., Santa Barbara, CA 1901966
Ventura CA, 93003 Project Manager: Nico Navarro 05/31/2019 12:54

#### 1901966-17 (Solid) RB10-2

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Metals by CVAA									
Mercury	1.3	0.095	mg/kg	1	B9D0688	04/24/19	04/24/19	EPA 7471A	
Total Metals by ICP									
Antimony	ND	2.5	mg/kg	1	B9D0566	04/19/19	04/23/19	EPA 6010B	
Arsenic	3.7	2.0	"	"	"	"	"	"	
Barium	260	0.99	"	"	"	"	"	"	
Beryllium	ND	0.49	"	"	"	"	"	"	
Cadmium	ND	0.25	"	"	"	"	"	"	
Chromium	40	0.49	"	"	"	"	"	"	
Cobalt	5.1	0.49	"	"	"	"	"	"	
Copper	42	0.99	"	"	"	"	"	"	
Lead	420	0.49	"	"	"	"	"	"	N-02, N-03
Molybdenum	ND	0.49	"	"	"	"	"	"	14-03
Nickel	14	0.25	"	"	"	"	"	"	
Selenium	ND	2.0	"	"	"	"	"	"	
Silver	0.65	0.49	"	"	"	"	"	"	
Thallium	1.1	0.99	"	"	"	"	"	"	
Vanadium	19	0.99	"	"	"	"	"	"	
Zinc	630	0.99	"	"	"	"	"	"	
STLC Metals by ICP									
Lead	53	0.050	mg/L	1	B9E0157	05/06/19	05/06/19	STLC/EPA 6010B	N-07
TCLP Metals by ICP									
Lead	ND	0.050	mg/L	1	B9E0076	05/02/19	05/02/19	EPA 1311/EPA	

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6010B



Rincon Consultants Project: Ortega Park WO & Reported: Project Number: 18-06506/604 E. Ortega St., Santa Barbara, CA 1901966 180 N. Ashwood Ave. 05/31/2019 12:54 Ventura CA, 93003

Project Manager: Nico Navarro

#### 1901966-17 (Solid) **RB10-2**

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic TPH by GC/FID									
TPH Gasoline (C4-C12)	ND	0.50	mg/kg	1	B9D0596	04/19/19	04/19/19	EPA 8015M	
Surrogate: 4-Bromofluorobenzene		60.8 %	(36 -	163)	"	"	"	"	
Semi-Volatile Organic TPH by GC	/FID								
TPH Diesel (C13-C22)	54	10	mg/kg	1	B9D0534	04/18/19	04/19/19	EPA 8015M	
TPH Motor Oil (C23-C40)	450	50	11	"	"	"	"	"	
Surrogate: o-Terphenyl		117 %	(67 -	134)	"	"	"	"	
Volatile Organic Compounds by G	C/MS								
t-Amyl Methyl Ether	ND	0.0050	mg/kg	1	B9D0564	04/19/19	04/19/19	EPA 8260B	
Benzene	ND	0.0050	"	"	"	"	"	"	
Bromobenzene	ND	0.0050	"	"	"	"	"	"	
Bromochloromethane	ND	0.0050	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0050	**	"	"	"	"	"	
Bromoform	ND	0.0050	**	"	"	"	"	"	
Bromomethane	ND	0.0050	**	"	"	"	"	"	
t-Butyl alcohol	ND	0.10	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0050	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0050	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0050	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0050	"	"	"	"	"	"	
Chlorobenzene	ND	0.0050	"	"	"	"	"	"	
Chloroethane	ND	0.0050	"	"	"	"	"	"	
Chloroform	ND	0.0050	"	"	"	"	"	"	
Chloromethane	ND	0.0050	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0050	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0050	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0050	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0050	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0050	"	"	"	"	"	"	
Dibromomethane	ND	0.0050	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0050	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0050	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0050	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0050	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0050	**	"	"	"	"	"	

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Rincon Consultants Project: Ortega Park WO & Reported: 180 N. Ashwood Ave. Project Number: 18-06506/604 E. Ortega St., Santa Barbara, CA 1901966

Ventura CA, 93003 Project Manager: Nico Navarro

05/31/2019 12:54

#### 1901966-17 (Solid) RB10-2

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by G	C/MS (Contin	nued)							
cis-1,2-Dichloroethene	ND	0.0050	mg/kg	1	B9D0564	04/19/19	04/19/19	EPA 8260B	
trans-1,2-Dichloroethene	ND	0.0050	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0050	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0050	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0050	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0050	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0050	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0050	"	"	"	"	"	"	
Diisopropyl Ether	ND	0.0050	"	"	"	"	"	"	
Ethanol	ND	4.0	"	"	"	"	"	"	
Ethyl t-Butyl Ether	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0050	"	"	"	"	"	"	
4-Isopropyl Toluene	ND	0.0050	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0050	"	"	"	"	"	"	
Methylene chloride	ND	0.0050	"	"	"	"	"	"	
Methyl-t-butyl ether	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0050	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0050	"	"	"	"	"	"	
Styrene	ND	0.0050	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0050	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0050	"	"	"	"	"	"	
Tetrachloroethene (PCE)	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0050	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0050	"	"	"	"	"	"	
Trichloroethene (TCE)	ND	0.0050	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0050	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0050	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND ND	0.0050	"	"	"	"	"	"	
Vinyl chloride	ND ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND ND	0.0050	"	"	"	"	"	"	
	ND				"	"	"	"	
Surrogate: Dibromofluoromethane		102 % 95.9 %	(73 -		"	"	"	"	
Surrogate: Toluene-d8		93.9 % 84.7 %	(70 - (78 -		"	,,	"	"	
Surrogate: 4-Bromofluorobenzene		04./ 70	( /8 -	110)			••		

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Ventura CA, 93003

# Oilfield Environmental & Compliance, Inc.

Rincon Consultants Project: Ortega Park WO & Reported: 180 N. Ashwood Ave. Project Number: 18-06506/604 E. Ortega St., Santa Barbara, CA 1901966

Project Manager: Nico Navarro

05/31/2019 12:54

#### 1901966-17 (Solid) RB10-2

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Polynuclear Aromatic Compounds	by GC/MS w	ith Select	ed Ion M	onitoring					
Acenaphthene	ND	0.0050	mg/kg	1	B9D0605	04/22/19	04/24/19	EPA 8270-SIM	
Acenaphthylene	ND	0.0050	"	"	"	"	"	"	
Anthracene	ND	0.0050	"	"	"	"	"	"	
Benz (a) anthracene	ND	0.0050	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0050	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0050	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.0050	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	0.010	"	"	"	"	"	"	
Chrysene	0.0083	0.0050	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.010	"	"	"	"	"	"	
Fluoranthene	ND	0.0050	"	"	"	"	"	"	
Fluorene	ND	0.0050	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.010	"	"	"	"	"	"	
Phenanthrene	ND	0.0050	"	"	"	"	"	"	
Pyrene	ND	0.0050	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14		78.7 %	(13 -	180)	"	"	"	"	

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Ventura CA, 93003

# Oilfield Environmental & Compliance, Inc.

Rincon Consultants Project: Ortega Park WO & Reported: 180 N. Ashwood Ave. Project Number: 18-06506/604 E. Ortega St., Santa Barbara, CA 1901966

Project Manager: Nico Navarro

05/31/2019 12:54

#### 1901966-18 (Solid) **RB10-4**

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Metals by ICP									
Lead	4600	4.9	mg/kg	10	B9E0122	05/06/19	05/07/19	EPA 6010B	N-01, N-03
TCLP Metals by ICP									
Lead	3.3	0.050	mg/L	1	B9E0807	05/28/19	05/28/19	EPA 1311/EPA 6010B	
Volatile Organic TPH by GC/FID									HT-03
TPH Gasoline (C4-C12)	ND	0.50	mg/kg	1	B9E0113	05/03/19	05/04/19	EPA 8015M	
Surrogate: 4-Bromofluorobenzene		61.9 %	(36 -	163)	"	"	"	"	
Semi-Volatile Organic TPH by GC/FID									HT-04
TPH Diesel (C13-C22)	ND	10	mg/kg	1	B9E0073	05/02/19	05/03/19	EPA 8015M	
TPH Motor Oil (C23-C40)	110	50	"	"	"	"	"	"	
Surrogate: o-Terphenyl		104 %	(67 -	134)	"	"	"	"	

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Rincon Consultants Project: Ortega Park WO & Reported: 180 N. Ashwood Ave. Project Number: 18-06506/604 E. Ortega St., Santa Barbara, CA 1901966 05/31/2019 12:54 Ventura CA, 93003

Project Manager: Nico Navarro

1901966-19 (Solid) **HP4-5** 

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Metals by CVAA									
Mercury	ND	0.078	mg/kg	1	B9D0688	04/24/19	04/24/19	EPA 7471A	
Total Metals by ICP									
Antimony	ND	2.5	mg/kg	1	B9D0566	04/19/19	04/23/19	EPA 6010B	
Arsenic	4.1	2.0	"	"	"	"	"	"	
Barium	36	0.99	"	"	"	"	"	"	
Beryllium	ND	0.49	"	"	"	"	"	"	
Cadmium	ND	0.25	"	"	"	"	"	"	
Chromium	18	0.49	"	"	"	"	"	"	
Cobalt	3.5	0.49	"	"	"	"	"	"	
Copper	5.7	0.99	"	"	"	"	"	"	
Lead	4.8	0.49	"	"	"	"	"	"	
Molybdenum	1.4	0.49	"	"	"	"	"	"	
Nickel	19	0.25	"	"	"	"	"	"	
Selenium	ND	2.0	"	"	"	"	"	"	
Silver	ND	0.49	"	"	"	"	"	"	
Thallium	1.9	0.99	"	"	"	"	"	"	
Vanadium	18	0.99	"	"	"	"	"	"	
Zinc	25	0.99	"	"	"	"	"	"	
Volatile Organic TPH by GC/FID									
TPH Gasoline (C4-C12)	ND	0.48	mg/kg	1	B9D0596	04/19/19	04/19/19	EPA 8015M	
Surrogate: 4-Bromofluorobenzene		80.9 %	(36 -	163)	"	"	"	"	
Semi-Volatile Organic TPH by GC/FID									
TPH Diesel (C13-C22)	ND	10	mg/kg	1	B9D0534	04/18/19	04/19/19	EPA 8015M	
TPH Motor Oil (C23-C40)	ND	50	"	"	"	"	"	"	
Surrogate: o-Terphenyl		95.3 %	(67 -	134)	"	"	"	"	

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Rincon Consultants Project: Ortega Park WO & Reported: Project Number: 18-06506/604 E. Ortega St., Santa Barbara, CA 1901966 180 N. Ashwood Ave.

Project Manager: Nico Navarro Ventura CA, 93003

05/31/2019 12:54

### 1901966-19 (Solid) **HP4-5**

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Polynuclear Aromatic Compounds	oy GC/MS wi	ith Selecte	ed Ion Mo	onitoring					
Acenaphthene	ND	0.0050	mg/kg	1	B9D0605	04/22/19	04/24/19	EPA 8270-SIM	
Acenaphthylene	ND	0.0050	"	"	"	"	"	"	
Anthracene	ND	0.0050	"	"	"	"	"	"	
Benz (a) anthracene	ND	0.0050	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0050	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0050	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.0050	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	0.010	"	"	"	"	"	"	
Chrysene	ND	0.0050	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.010	"	"	"	"	"	"	
Fluoranthene	ND	0.0050	"	"	"	"	"	"	
Fluorene	ND	0.0050	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.010	"	"	"	"	"	"	
Phenanthrene	ND	0.0050	"	"	"	"	"	"	
Pyrene	ND	0.0050	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14		93.7 %	(13 - 1	180)	"	"	"	"	

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Ventura CA, 93003 Project Manager: Nico Navarro 05/31/2019 12:54

1901966-20 (Solid) HP4-10

				4-10					
Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Metals by CVAA									
Mercury	0.66	0.077	mg/kg	1	B9D0688	04/24/19	04/24/19	EPA 7471A	
Total Metals by ICP									
Antimony	ND	2.3	mg/kg	1	B9D0566	04/19/19	04/23/19	EPA 6010B	
Arsenic	3.9	1.9	"	"	"	"	"	"	
Barium	360	0.93	"	"	"	"	"	"	
Beryllium	ND	0.46	"	"	"	"	"	"	
Cadmium	ND	0.23	"	"	"	"	"	"	
Chromium	20	0.46	"	"	"	"	"	"	
Cobalt	3.7	0.46	**	"	"	"	"	"	
Copper	79	0.93	"	"	"	"	"	"	
Lead	830	0.46	"	"	"	"	"	"	N-02, N-03
Molybdenum	ND	0.46	"	"	"	"	"	"	11-05
Nickel	15	0.23	"	"	"	"	"	"	
Selenium	ND	1.9	"	"	"	"	"	"	
Silver	1.9	0.46	"	"	"	"	"	"	
Thallium	ND	0.93	"	"	"	"	"	"	
Vanadium	18	0.93	"	"	"	"	"	"	
Zinc	1200	0.93	"	"	"	"	"	"	
STLC Metals by ICP									
Lead	300	0.050	mg/L	1	B9E0157	05/06/19	05/06/19	STLC/EPA 6010B	N-07
TCLP Metals by ICP									
Lead	4.7	0.050	mg/L	1	B9E0076	05/02/19	05/02/19	EPA 1311/EPA	

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6010B



Rincon Consultants Project: Ortega Park WO & Reported: Project Number: 18-06506/604 E. Ortega St., Santa Barbara, CA 1901966 180 N. Ashwood Ave. 05/31/2019 12:54 Ventura CA, 93003

Project Manager: Nico Navarro

#### 1901966-20 (Solid) **HP4-10**

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic TPH by GC/FID									
TPH Gasoline (C4-C12)	ND	0.98	mg/kg	1	B9D0618	04/22/19	04/22/19	EPA 8015M	
Surrogate: 4-Bromofluorobenzene		77.5 %	(36 -	163)	"	"	"	"	
Semi-Volatile Organic TPH by GC	/FID								
TPH Diesel (C13-C22)	21	10	mg/kg	1	B9D0534	04/18/19	04/19/19	EPA 8015M	
TPH Motor Oil (C23-C40)	ND	50	"	"	"	"	"	"	
Surrogate: o-Terphenyl		98.4 %	(67 -	134)	"	"	"	"	
Volatile Organic Compounds by G	C/MS								
t-Amyl Methyl Ether	ND	0.0050	mg/kg	1	B9D0564	04/19/19	04/19/19	EPA 8260B	
Benzene	ND	0.0050	"	"	"	"	"	"	
Bromobenzene	ND	0.0050	"	"	"	"	"	"	
Bromochloromethane	ND	0.0050	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0050	"	"	"	"	"	"	
Bromoform	ND	0.0050	"	"	"	"	"	"	
Bromomethane	ND	0.0050	"	"	"	"	"	"	
t-Butyl alcohol	ND	0.099	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0050	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0050	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0050	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0050	"	"	"	"	"	"	
Chlorobenzene	ND	0.0050	"	"	"	"	"	"	
Chloroethane	ND	0.0050	"	"	"	"	"	"	
Chloroform	ND	0.0050	"	"	"	"	"	"	
Chloromethane	ND	0.0050	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0050	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0050	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0050	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0050	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0050	"	"	"	"	"	"	
Dibromomethane	ND	0.0050	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0050	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0050	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0050	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0050	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0050	"	"	"	"	"	"	

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Rincon Consultants Project: Ortega Park WO & Reported: 180 N. Ashwood Ave. Project Number: 18-06506/604 E. Ortega St., Santa Barbara, CA 1901966

Ventura CA, 93003 Project Manager: Nico Navarro

05/31/2019 12:54

#### 1901966-20 (Solid) HP4-10

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by Go	C/MS (Conti	nued)							
cis-1,2-Dichloroethene	ND	0.0050	mg/kg	1	B9D0564	04/19/19	04/19/19	EPA 8260B	
trans-1,2-Dichloroethene	ND	0.0050	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0050	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0050	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0050	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0050	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0050	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0050	"	"	"	"	"	"	
Diisopropyl Ether	ND	0.0050	"	"	"	"	"	"	
Ethanol	ND	4.0	"	"	"	"	"	"	
Ethyl t-Butyl Ether	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0050	"	"	"	"	"	"	
4-Isopropyl Toluene	ND	0.0050	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0050	"	"	"	"	"	"	
Methylene chloride	ND	0.0050	"	"	"	"	"	"	
Methyl-t-butyl ether	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0050	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0050	"	"	"	"	"	"	
Styrene	ND	0.0050	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0050	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0050	"	"	"	"	"	"	
Tetrachloroethene (PCE)	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0050	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0050	"	"	"	"	"	"	
Trichloroethene (TCE)	ND	0.0050	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0050	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0050	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Vinyl chloride	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane	- 1	98.4 %	(73 - 1	132)	"	"	"	"	
Surrogate: Toluene-d8		95.4 %	(70 - 1		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		88.8 %	(78 - 1		"	"	"	"	

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Rincon Consultants Project: Ortega Park WO & Reported: Project Number: 18-06506/604 E. Ortega St., Santa Barbara, CA 1901966 180 N. Ashwood Ave. Ventura CA, 93003

Project Manager: Nico Navarro

05/31/2019 12:54

#### 1901966-20 (Solid) **HP4-10**

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Polynuclear Aromatic Compoun	ds by GC/MS wi	th Selecte	ed Ion Mo	nitoring					R-01
Acenaphthene	ND	0.030	mg/kg	2	B9D0605	04/22/19	04/26/19	EPA 8270-SIM	
Acenaphthylene	ND	0.030	"	"	"	"	"	"	
Anthracene	ND	0.030	"	"	"	"	"	"	
Benz (a) anthracene	0.042	0.030	"	"	"	"	"	"	
Benzo (b) fluoranthene	0.054	0.030	"	**	"	"	"	"	ISlowA
Benzo (k) fluoranthene	ND	0.030	"	**	"	"	"	"	
Benzo (a) pyrene	0.050	0.030	"	**	"	"	"	"	ISlowA
Benzo (g,h,i) perylene	ND	0.060	"	**	"	"	"	"	ISlowA
Chrysene	0.078	0.030	"	**	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.060	"	"	"	"	"	"	
Fluoranthene	0.034	0.030	"	**	"	"	"	"	
Fluorene	ND	0.030	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.030	"	"	"	"	"	"	
Naphthalene	ND	0.060	"	"	"	"	"	"	
Phenanthrene	ND	0.030	"	"	"	"	"	"	
Pyrene	0.064	0.030	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14		120 %	(13 - 1	180)	"	"	"	"	

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Project Manager: Nico Navarro

05/31/2019 12:54

### 1901966-21 (Solid) **RB15-2**

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Metals by CVAA									
Mercury	ND	0.094	mg/kg	1	B9D0688	04/24/19	04/24/19	EPA 7471A	
<b>Total Metals by ICP</b>									
Antimony	ND	2.4	mg/kg	1	B9D0566	04/19/19	04/23/19	EPA 6010B	
Arsenic	3.9	1.9	"	"	"	"	"	"	
Barium	25	0.97	"	"	"	"	"	"	
Beryllium	ND	0.49	"	"	"	"	"	"	
Cadmium	ND	0.24	"	"	"	"	"	"	
Chromium	18	0.49	"	"	"	"	"	"	
Cobalt	3.8	0.49	"	"	"	"	"	"	
Copper	5.9	0.97	"	"	"	"	"	"	
Lead	4.2	0.49	"	"	"	"	"	"	
Molybdenum	1.3	0.49	"	"	"	"	"	"	
Nickel	20	0.24	"	"	"	"	"	"	
Selenium	ND	1.9	"	"	"	"	"	"	
Silver	ND	0.49	"	"	"	"	"	"	
Thallium	1.7	0.97	"	"	"	"	"	"	
Vanadium	19	0.97	"	"	"	"	"	"	
Zine	24	0.97	"	"	"	"	"	"	
Volatile Organic TPH by GC/FID									
TPH Gasoline (C4-C12)	3.4	0.50	mg/kg	1	B9D0618	04/22/19	04/22/19	EPA 8015M	D-04
Surrogate: 4-Bromofluorobenzene		95.7 %	(36	163)	"	"	"	"	
Semi-Volatile Organic TPH by GC/FID	)								
TPH Diesel (C13-C22)	ND	10	mg/kg	1	B9D0534	04/18/19	04/19/19	EPA 8015M	
TPH Motor Oil (C23-C40)	ND	50	"	"	"	"	"	"	
Surrogate: o-Terphenyl		94.0 %	(67	134)	"	"	"	"	

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Rincon Consultants Project: Ortega Park WO & Reported: Project Number: 18-06506/604 E. Ortega St., Santa Barbara, CA 180 N. Ashwood Ave.

Project Manager: Nico Navarro Ventura CA, 93003

1901966

05/31/2019 12:54

### 1901966-21 (Solid) **RB15-2**

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Polynuclear Aromatic Compound	ls by GC/MS wi	ith Select	ed Ion M	onitoring					
Acenaphthene	ND	0.0050	mg/kg	1	B9D0605	04/22/19	04/24/19	EPA 8270-SIM	
Acenaphthylene	ND	0.0050	"	"	"	"	"	"	
Anthracene	ND	0.0050	"	"	"	"	"	"	
Benz (a) anthracene	ND	0.0050	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0050	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0050	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.0050	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	0.010	"	"	"	"	"	"	
Chrysene	ND	0.0050	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.010	"	"	"	"	"	"	
Fluoranthene	ND	0.0050	"	"	"	"	"	"	
Fluorene	ND	0.0050	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.010	"	"	"	"	"	"	
Phenanthrene	ND	0.0050	"	"	"	"	"	"	
Pyrene	ND	0.0050	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14		67.5 %	(13 -	180)	"	"	"	"	

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Project Manager: Nico Navarro 05/31/2019 12:54

### 1901966-23 (Solid) **RB14-2**

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Metals by CVAA									
Mercury	ND	0.076	mg/kg	1	B9D0688	04/24/19	04/24/19	EPA 7471A	
Total Metals by ICP									
Antimony	ND	2.3	mg/kg	1	B9D0566	04/19/19	04/23/19	EPA 6010B	
Arsenic	4.9	1.8	"	"	"	"	"	"	
Barium	53	0.92	"	"	"	"	"	"	
Beryllium	ND	0.46	"	"	"	"	"	"	
Cadmium	ND	0.23	"	"	"	"	"	"	
Chromium	22	0.46	"	"	"	"	"	"	
Cobalt	4.1	0.46	"	"	"	"	"	"	
Copper	7.5	0.92	"	"	"	"	"	"	
Lead	8.2	0.46	"	"	"	"	"	"	
Molybdenum	2.2	0.46	"	"	"	"	"	"	
Nickel	23	0.23	"	"	"	"	"	"	
Selenium	ND	1.8	"	"	"	"	"	"	
Silver	ND	0.46	"	"	"	"	"	"	
Thallium	2.1	0.92	"	"	"	"	"	"	
Vanadium	21	0.92	"	"	"	"	"	"	
Zinc	31	0.92	"	"	"	"	"	"	
Volatile Organic TPH by GC/FID									
TPH Gasoline (C4-C12)	ND	0.49	mg/kg	1	B9D0618	04/22/19	04/23/19	EPA 8015M	
Surrogate: 4-Bromofluorobenzene		84.8 %	(36 -	163)	"	"	"	"	
Semi-Volatile Organic TPH by GC/FID	)								
TPH Diesel (C13-C22)	ND	10	mg/kg	1	B9D0534	04/18/19	04/18/19	EPA 8015M	
TPH Motor Oil (C23-C40)	ND	50	"	"	"	"	"	"	
Surrogate: o-Terphenyl		98.6 %	(67 -	134)	"	"	"	"	

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# Oilfield Environmental & Compliance, Inc.

Rincon Consultants Project: Ortega Park WO & Reported: Project Number: 18-06506/604 E. Ortega St., Santa Barbara, CA 1901966 180 N. Ashwood Ave. Ventura CA, 93003

Project Manager: Nico Navarro

05/31/2019 12:54

### 1901966-23 (Solid) **RB14-2**

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Polynuclear Aromatic Compour	nds by GC/MS wi	th Select	ed Ion M	onitoring					
Acenaphthene	ND	0.0050	mg/kg	1	B9D0665	04/23/19	04/24/19	EPA 8270-SIM	
Acenaphthylene	ND	0.0050	"	"	"	"	"	"	
Anthracene	ND	0.0050	"	"	"	"	"	"	
Benz (a) anthracene	ND	0.0050	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0050	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0050	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.0050	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	0.010	"	"	"	"	"	"	
Chrysene	ND	0.0050	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.010	"	"	"	"	"	"	
Fluoranthene	ND	0.0050	"	"	"	"	"	"	
Fluorene	ND	0.0050	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.010	"	"	"	"	"	"	
Phenanthrene	ND	0.0050	"	"	"	"	"	"	
Pyrene	ND	0.0050	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14		90.0 %	(13 -	180)	"	"	"	"	

#### 1901966-24 (Solid) **RB14-4**

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Metals by ICP									
Thallium	ND	0.96	mg/kg	1	B9E0122	05/06/19	05/07/19	EPA 6010B	

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Rincon Consultants Project: Ortega Park WO & Reported: 180 N. Ashwood Ave. Project Number: 18-06506/604 E. Ortega St., Santa Barbara, CA 1901966
Ventura CA, 93003 Project Manager: Nico Navarro 05/31/2019 12:54

1901966-25 (Solid) HP5-5

0 0.079 2.3	Units mg/kg	Dilution	Batch B9D0688	Prepared	Analyzed	Method	Notes
2.3	mg/kg	1	B9D0688	0.412.414.5			
2.3	mg/kg	1	B9D0688	0.1/0.1/1-			
				04/24/19	04/24/19	EPA 7471A	
	mg/kg	1	B9D0566	04/19/19	04/23/19	EPA 6010B	
1.9	"	"	"	"	"	"	
0.93	"	"	"	"	"	"	
0.47	"	"	"	"	"	"	
0.23	"	"	"	"	"	"	
0.47	"	"	"	"	"	"	
0.47	"	"	"	"	"	"	
0.93	"	"	"	"	"	"	
0.47	"	"	"	"	"	"	
0.47	"	"	"	"	"	"	
0.23	"	"	"	"	"	"	
1.9	"	"	"	"	"	"	
0.47	"	"	"	"	"	"	
0.93	"	"	"	"	"	"	
0.93	"	"	"	"	"	"	
0.93	"	"	"	"	"	"	
0.49	mg/kg	1	B9D0618	04/22/19	04/23/19	EPA 8015M	
88.5 %		163)	"	"	"	"	
9.9	mg/kg	1	B9D0534	04/18/19	04/19/19	EPA 8015M	
50	"	"	"	"	"	"	
		124)					
	0 0.23 0.47 0.47 0.93 0.47 0.047 0.047 0.047 0.047 0.093 0.93 0.93 0.93 0.93	0 0.23 " 0 0.47 " 0 0.47 " 0 0.93 " 0 0.47 " 0 0.47 " 0 0.47 " 0 0.47 " 0 0.47 " 0 0.47 " 0 0.93 " 0 0.93 " 0 0.93 " 0 0.93 " 0 0.93 " 0 0.93 " 0 0.93 " 0 0.93 " 0 0.93 " 0 0.93 " 0 0.93 " 0 0.93 " 0 0.93 "	0 0.23 " " " " " " " " " " " " " " " " " " "	0 0.23 " " " " " " " " " " " " " " " " " " "	0 0.23 " " " " " " " " " " " " " " " " " " "	0 0.23 " " " " " " " " " " " " " " " " " " "	0 0.23 " " " " " " " " " " " " " " " " " " "

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Rincon Consultants Project: Ortega Park WO & Reported: Project Number: 18-06506/604 E. Ortega St., Santa Barbara, CA 1901966 180 N. Ashwood Ave.

Project Manager: Nico Navarro Ventura CA, 93003

05/31/2019 12:54

### 1901966-25 (Solid) HP5-5

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Polynuclear Aromatic Compounds I	by GC/MS wi	ith Select	ed Ion M	onitoring					
Acenaphthene	ND	0.0050	mg/kg	1	B9D0665	04/23/19	04/24/19	EPA 8270-SIM	
Acenaphthylene	ND	0.0050	"	"	"	"	"	"	
Anthracene	ND	0.0050	"	"	"	"	"	"	
Benz (a) anthracene	ND	0.0050	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0050	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0050	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.0050	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	0.010	"	"	"	"	"	"	
Chrysene	ND	0.0050	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.010	"	"	"	"	"	"	
Fluoranthene	ND	0.0050	"	"	"	"	"	"	
Fluorene	ND	0.0050	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.010	"	"	"	"	"	"	
Phenanthrene	ND	0.0050	"	"	"	"	"	"	
Pyrene	ND	0.0050	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14		82.5 %	(13 -	180)	"	"	"	"	

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Rincon Consultants Project: Ortega Park WO & Reported: 180 N. Ashwood Ave. Project Number: 18-06506/604 E. Ortega St., Santa Barbara, CA 1901966
Ventura CA, 93003 Project Manager: Nico Navarro 05/31/2019 12:54

1901966-26 (Solid) HP5-10

				3-10					
Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Metals by CVAA									
Mercury	ND	0.091	mg/kg	1	B9D0688	04/24/19	04/24/19	EPA 7471A	
Total Metals by ICP									
Antimony	ND	2.3	mg/kg	1	B9D0566	04/19/19	04/23/19	EPA 6010B	
Arsenic	5.3	1.8	"	"	"	"	"	"	
Barium	170	0.91	"	"	"	"	"	"	
Beryllium	0.67	0.45	"	"	"	"	"	"	
Cadmium	ND	0.23	**	"	"	"	"	"	
Chromium	44	0.45	"	"	"	"	"	"	
Cobalt	8.7	0.45	"	"	"	"	"	"	
Copper	20	0.91	"	"	"	"	"	"	
Lead	7.1	0.45	"	"	"	"	"	"	
Molybdenum	ND	0.45	"	"	"	"	"	"	
Nickel	50	0.23	"	"	"	"	"	"	
Selenium	ND	1.8	"	"	"	"	"	"	
Silver	ND	0.45	"	"	"	"	"	"	
Thallium	2.7	0.91	"	"	"	"	"	"	
Vanadium	38	0.91	"	"	"	"	"	"	
Zinc	59	0.91	"	"	"	"	"	"	
Volatile Organic TPH by GC/FID									
TPH Gasoline (C4-C12)	ND	0.49	mg/kg	1	B9D0618	04/22/19	04/23/19	EPA 8015M	
Surrogate: 4-Bromofluorobenzene		86.6 %	(36 -	163)	"	"	"	"	
Semi-Volatile Organic TPH by GC/F	ID								
TPH Diesel (C13-C22)	ND	10	mg/kg	1	B9D0534	04/18/19	04/18/19	EPA 8015M	
TPH Motor Oil (C23-C40)	ND	50	"	"	"	"	"	"	
Surrogate: o-Terphenyl		96.9 %	(67 -	134)	"	"	"	"	
- * *									

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Rincon Consultants Project: Ortega Park WO & Reported: 180 N. Ashwood Ave. Project Number: 18-06506/604 E. Ortega St., Santa Barbara, CA 1901966

Ventura CA, 93003 Project Manager: Nico Navarro

05/31/2019 12:54

### 1901966-26 (Solid) HP5-10

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Polynuclear Aromatic Compoun	nds by GC/MS wi	ith Select	ed Ion M	onitoring					
Acenaphthene	ND	0.0050	mg/kg	1	B9D0665	04/23/19	04/24/19	EPA 8270-SIM	
Acenaphthylene	ND	0.0050	"	"	"	"	"	"	
Anthracene	ND	0.0050	"	"	"	"	"	"	
Benz (a) anthracene	ND	0.0050	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0050	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0050	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.0050	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	0.010	"	"	"	"	"	"	
Chrysene	ND	0.0050	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.010	"	"	"	"	"	"	
Fluoranthene	ND	0.0050	"	"	"	"	"	"	
Fluorene	ND	0.0050	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.010	"	"	"	"	"	"	
Phenanthrene	ND	0.0050	"	"	"	"	"	"	
Pyrene	ND	0.0050	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14		91.3 %	(13 -	180)	"	"	"	"	

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Project Manager: Nico Navarro

05/31/2019 12:54

### 1901966-27 (Solid) **RB11-2**

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Metals by CVAA									
Mercury	ND	0.090	mg/kg	1	B9D0688	04/24/19	04/24/19	EPA 7471A	
Total Metals by ICP									
Antimony	ND	2.4	mg/kg	1	B9D0566	04/19/19	04/23/19	EPA 6010B	
Arsenic	3.4	2.0	"	"	"	"	"	"	
Barium	74	0.98	"	"	"	"	"	"	
Beryllium	ND	0.49	"	"	"	"	"	"	
Cadmium	ND	0.24	"	"	"	"	"	"	
Chromium	19	0.49	"	"	"	"	"	"	
Cobalt	3.2	0.49	"	"	"	"	"	"	
Copper	12	0.98	"	"	"	"	"	"	
Lead	21	0.49	"	"	"	"	"	"	
Molybdenum	1.4	0.49	"	"	"	"	"	"	
Nickel	16	0.24	"	"	"	"	"	"	
Selenium	ND	2.0	"	"	"	"	"	"	
Silver	ND	0.49	"	"	"	"	"	"	
Thallium	2.0	0.98	"	"	"	"	"	"	
Vanadium	31	0.98	"	"	"	"	"	"	
Zinc	51	0.98	"	"	"	"	"	"	
Volatile Organic TPH by GC/FID									
TPH Gasoline (C4-C12)	ND	0.50	mg/kg	1	B9D0618	04/22/19	04/23/19	EPA 8015M	
Surrogate: 4-Bromofluorobenzene		71.8 %	(36 -	163)	"	"	"	"	
Semi-Volatile Organic TPH by GC/FI	D								
TPH Diesel (C13-C22)	ND	10	mg/kg	1	B9D0534	04/18/19	04/19/19	EPA 8015M	
TPH Motor Oil (C23-C40)	ND	50	"	"	"	"	"	"	
Surrogate: o-Terphenyl		93.8 %	(67 -	134)	"	"	"	"	

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Ventura CA, 93003

# Oilfield Environmental & Compliance, Inc.

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Project Manager: Nico Navarro

05/31/2019 12:54

### 1901966-27 (Solid) RB11-2

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Polynuclear Aromatic Compour	nds by GC/MS wi	ith Selecte	ed Ion Mo	nitoring					
Acenaphthene	ND	0.0050	mg/kg	1	B9D0665	04/23/19	04/24/19	EPA 8270-SIM	
Acenaphthylene	ND	0.0050	"	"	"	"	"	"	
Anthracene	ND	0.0050	"	"	"	"	"	"	
Benz (a) anthracene	ND	0.0050	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0050	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0050	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.0050	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	0.010	"	"	"	"	"	"	
Chrysene	ND	0.0050	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.010	"	"	"	"	"	"	
Fluoranthene	0.0067	0.0050	"	"	"	"	"	"	
Fluorene	ND	0.0050	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.010	"	"	"	"	"	"	
Phenanthrene	ND	0.0050	"	"	"	"	"	"	
Pyrene	0.0077	0.0050	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14		102 %	(13 - 1	180)	"	"	"	"	

### 1901966-28 (Solid) RB11-4

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Total Metals by ICP</b>									
Thallium	ND	0.94	mg/kg	1	B9E0122	05/06/19	05/07/19	EPA 6010B	

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Ventura CA, 93003 Project Manager: Nico Navarro 05/31/2019 12:54

1901966-29 (Solid)

			HP	3-5					
Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Metals by CVAA									
Mercury	ND	0.092	mg/kg	1	B9D0617	04/22/19	04/23/19	EPA 7471A	
Total Metals by ICP									
Antimony	ND	2.4	mg/kg	1	B9D0587	04/19/19	04/23/19	EPA 6010B	
Arsenic	2.5	1.9	"	"	"	"	"	"	
Barium	61	0.97	"	"	"	"	"	"	
Beryllium	ND	0.49	"	"	"	"	"	"	
Cadmium	ND	0.24	**	"	"	"	"	"	
Chromium	13	0.49	**	"	"	"	"	"	
Cobalt	5.4	0.49	"	"	"	"	"	"	
Copper	8.4	0.97	"	"	"	"	"	"	
Lead	10	0.49	**	"	"	"	"	"	
Molybdenum	ND	0.49	**	"	"	"	"	"	
Nickel	11	0.24	**	"	"	"	"	"	
Selenium	ND	1.9	**	"	"	"	"	"	
Silver	ND	0.49	"	"	"	"	"	"	
Thallium	1.0	0.97	"	"	"	"	"	"	
Vanadium	21	0.97	"	"	"	"	"	"	
Zinc	23	0.97	"	"	"	"	"	"	
Volatile Organic TPH by GC/FID									
TPH Gasoline (C4-C12)	ND	0.49	mg/kg	1	B9D0618	04/22/19	04/23/19	EPA 8015M	
Surrogate: 4-Bromofluorobenzene		66.8 %	(36 -	163)	"	"	"	"	
Semi-Volatile Organic TPH by GC/FID									
TPH Diesel (C13-C22)	ND	10	mg/kg	1	B9D0534	04/18/19	04/19/19	EPA 8015M	
TPH Motor Oil (C23-C40)	75	50	"	"	"	"	"	"	
Surrogate: o-Terphenyl		94.9 %	(67 -	134)	"	"	"	"	

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Project Manager: Nico Navarro 05/31/2019 12:54 Ventura CA, 93003

### 1901966-29 (Solid) HP3-5

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Polynuclear Aromatic Compoun	ds by GC/MS wi	ith Select	ed Ion M	onitoring					R-05
Acenaphthene	ND	0.010	mg/kg	2	B9D0665	04/23/19	04/24/19	EPA 8270-SIM	
Acenaphthylene	ND	0.010	"	"	"	"	"	"	
Anthracene	ND	0.010	"	"	"	"	"	"	
Benz (a) anthracene	ND	0.010	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.010	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.010	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.010	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	0.020	"	"	"	"	"	"	
Chrysene	ND	0.010	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.020	"	"	"	"	"	"	
Fluoranthene	ND	0.010	"	"	"	"	"	"	
Fluorene	ND	0.010	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.010	"	"	"	"	"	"	
Naphthalene	ND	0.020	"	"	"	"	"	"	
Phenanthrene	ND	0.010	"	"	"	"	"	"	
Pyrene	ND	0.010	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14		92.5 %	(13 -	180)	"	"	"	"	

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Ventura CA, 93003 Project Manager: Nico Navarro 05/31/2019 12:54

### 1901966-30 (Solid) HP3-10

				J-10					
Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Metals by CVAA									
Mercury	0.17	0.087	mg/kg	1	B9D0617	04/22/19	04/23/19	EPA 7471A	
Total Metals by ICP									
Antimony	ND	2.4	mg/kg	1	B9D0587	04/19/19	04/23/19	EPA 6010B	
Arsenic	5.5	1.9	"	"	"	"	"	"	
Barium	130	0.97	"	"	"	"	"	"	
Beryllium	0.72	0.49	**	"	"	"	"	"	
Cadmium	ND	0.24	**	"	"	"	"	"	
Chromium	25	0.49	"	"	"	"	"	"	
Cobalt	6.4	0.49	"	"	"	"	"	"	
Copper	23	0.97	**	"	"	"	"	"	
Lead	100	0.49	"	"	"	"	"	"	N-02, N-03
Molybdenum	ND	0.49	"	"	"	"	"	"	
Nickel	17	0.24	**	"	"	"	"	"	
Selenium	ND	1.9	**	"	"	"	"	"	
Silver	ND	0.49	"	"	"	"	"	"	
Thallium	ND	0.97	"	"	"	"	"	"	
Vanadium	38	0.97	"	"	"	"	"	"	
Zinc	360	0.97	**	"	"	"	"	"	
STLC Metals by ICP									
Lead	0.34	0.050	mg/L	1	B9E0157	05/06/19	05/06/19	STLC/EPA 6010B	
TCLP Metals by ICP									
Lead	0.056	0.050	mg/L	1	B9E0076	05/02/19	05/02/19	EPA 1311/EPA 6010B	

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Project Manager: Nico Navarro

1901966-30 (Solid) **HP3-10** 

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic TPH by GC/FID									
TPH Gasoline (C4-C12)	ND	0.49	mg/kg	1	B9D0618	04/22/19	04/23/19	EPA 8015M	
Surrogate: 4-Bromofluorobenzene		105 %	(36 -	163)	"	"	"	"	
Semi-Volatile Organic TPH by GC	/FID								
TPH Diesel (C13-C22)	ND	9.9	mg/kg	1	B9D0534	04/18/19	04/19/19	EPA 8015M	
TPH Motor Oil (C23-C40)	ND	50	"	"	"	"	"	"	
Surrogate: o-Terphenyl		90.0 %	(67 -	134)	"	"	"	"	
Polynuclear Aromatic Compounds	by GC/MS w	ith Select	ed Ion M	onitoring					
Acenaphthene	ND	0.0050	mg/kg	1	B9D0665	04/23/19	04/24/19	EPA 8270-SIM	
Acenaphthylene	ND	0.0050	"	"	"	"	"	"	
Anthracene	ND	0.0050	"	"	"	"	"	"	
Benz (a) anthracene	ND	0.0050	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0050	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0050	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.0050	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	0.010	"	"	"	"	"	"	
Chrysene	ND	0.0050	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.010	"	"	"	"	"	"	
Fluoranthene	ND	0.0050	"	"	"	"	"	"	
Fluorene	ND	0.0050	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.010	"	"	"	"	"	"	
Phenanthrene	ND	0.0050	"	"	"	"	"	"	
Pyrene	ND	0.0050	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14		116 %	(13 -	180)	"	"	"	"	

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Ventura CA, 93003 Project Manager: Nico Navarro 05/31/2019 12:54

### 1901966-31 (Solid) HP2-5

				- 0					
Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Metals by CVAA									
Mercury	0.29	0.087	mg/kg	1	B9D0617	04/22/19	04/23/19	EPA 7471A	
Total Metals by ICP									
Antimony	ND	2.4	mg/kg	1	B9D0587	04/19/19	04/23/19	EPA 6010B	
Arsenic	2.4	1.9	"	"	"	"	"	"	
Barium	95	0.95	"	"	"	"	"	"	
Beryllium	ND	0.48	"	"	"	"	"	"	
Cadmium	ND	0.24	**	"	"	"	"	"	
Chromium	14	0.48	**	"	"	"	"	"	
Cobalt	7.2	0.48	"	"	"	"	"	"	
Copper	12	0.95	"	"	"	"	"	"	
Lead	16	0.48	"	"	"	"	"	"	
Molybdenum	ND	0.48	"	"	"	"	"	"	
Nickel	14	0.24	"	"	"	"	"	"	
Selenium	ND	1.9	"	"	"	"	"	"	
Silver	ND	0.48	"	"	"	"	"	"	
Thallium	ND	0.95	"	"	"	"	"	"	
Vanadium	22	0.95	"	"	"	"	"	"	
Zinc	32	0.95	"	"	"	"	"	"	
Volatile Organic TPH by GC/FID									
TPH Gasoline (C4-C12)	ND	0.50	mg/kg	1	B9D0618	04/22/19	04/23/19	EPA 8015M	
Surrogate: 4-Bromofluorobenzene		68.7 %	(36 -	163)	"	"	"	"	
Semi-Volatile Organic TPH by GC/FII	)								
TPH Diesel (C13-C22)	ND	9.9	mg/kg	1	B9D0534	04/18/19	04/19/19	EPA 8015M	
TPH Motor Oil (C23-C40)	ND	50	"	"	"	"	"	"	
Surrogate: o-Terphenyl		95.0 %	(67 -	134)	"	"	"	"	

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Rincon Consultants Project: Ortega Park WO & Reported: 180 N. Ashwood Ave. Project Number: 18-06506/604 E. Ortega St., Santa Barbara, CA 1901966

Ventura CA, 93003 Project Manager: Nico Navarro

05/31/2019 12:54

### 1901966-31 (Solid) HP2-5

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Polynuclear Aromatic Compour	nds by GC/MS wi	ith Selecte	ed Ion Mo	onitoring					
Acenaphthene	ND	0.0050	mg/kg	1	B9D0665	04/23/19	04/25/19	EPA 8270-SIM	
Acenaphthylene	ND	0.0050	"	"	"	"	"	"	
Anthracene	ND	0.0050	"	"	"	"	"	"	
Benz (a) anthracene	0.013	0.0050	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0050	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0050	"	"	"	"	"	"	
Benzo (a) pyrene	0.026	0.0050	"	"	"	"	"	"	ISlowA
Benzo (g,h,i) perylene	0.024	0.010	"	"	"	"	"	"	ISlowA
Chrysene	0.020	0.0050	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.010	"	"	"	"	"	"	
Fluoranthene	0.012	0.0050	"	"	"	"	"	"	
Fluorene	ND	0.0050	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	0.010	0.0050	"	"	"	"	"	"	ISlowA
Naphthalene	ND	0.010	"	"	"	"	"	"	
Phenanthrene	0.012	0.0050	"	"	"	"	"	"	
Pyrene	0.040	0.0050	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14		88.8 %	(13 - 1	180)	"	"	"	"	

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Rincon Consultants Project: Ortega Park WO & Reported: 180 N. Ashwood Ave. Project Number: 18-06506/604 E. Ortega St., Santa Barbara, CA 1901966 05/31/2019 12:54 Ventura CA, 93003

Project Manager: Nico Navarro

### 1901966-32 (Solid) **HP2-10**

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Metals by CVAA									
Mercury	ND	0.095	mg/kg	1	B9D0617	04/22/19	04/23/19	EPA 7471A	
Total Metals by ICP									
Antimony	ND	2.5	mg/kg	1	B9D0587	04/19/19	04/23/19	EPA 6010B	
Arsenic	5.2	2.0	"	"	"	"	"	"	
Barium	44	1.0	"	"	"	"	"	"	
Beryllium	0.50	0.50	"	"	"	"	"	"	
Cadmium	ND	0.25	"	"	"	"	"	"	
Chromium	15	0.50	"	"	"	"	"	"	
Cobalt	3.9	0.50	"	"	"	"	"	"	
Copper	9.5	1.0	"	"	"	"	"	"	
Lead	6.2	0.50	"	"	"	"	"	"	
Molybdenum	0.64	0.50	"	"	"	"	"	"	
Nickel	19	0.25	"	"	"	"	"	"	
Selenium	ND	2.0	"	"	"	"	"	"	
Silver	ND	0.50	"	"	"	"	"	"	
Thallium	1.0	1.0	"	"	"	"	"	"	
Vanadium	23	1.0	"	"	"	"	"	"	
Zinc	31	1.0	"	"	"	"	"	п	
Volatile Organic TPH by GC/FID									
TPH Gasoline (C4-C12)	ND	0.48	mg/kg	1	B9D0618	04/22/19	04/23/19	EPA 8015M	
Surrogate: 4-Bromofluorobenzene		85.2 %	(36 -	163)	"	"	"	"	
Semi-Volatile Organic TPH by GC/FID									
TPH Diesel (C13-C22)	ND	10	mg/kg	1	B9D0534	04/18/19	04/19/19	EPA 8015M	
TPH Motor Oil (C23-C40)	ND	50	"	"	"	"	"	"	
Surrogate: o-Terphenyl		93.2 %	(67 -	134)	"	"	"	"	

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Rincon Consultants Project: Ortega Park WO & Reported: 180 N. Ashwood Ave. Project Number: 18-06506/604 E. Ortega St., Santa Barbara, CA 1901966

Ventura CA, 93003 Project Manager: Nico Navarro

05/31/2019 12:54

### 1901966-32 (Solid) HP2-10

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Polynuclear Aromatic Compounds	by GC/MS wi	ith Select	ed Ion M	onitoring					
Acenaphthene	ND	0.0050	mg/kg	1	B9D0665	04/23/19	04/24/19	EPA 8270-SIM	
Acenaphthylene	ND	0.0050	"	"	"	"	"	"	
Anthracene	ND	0.0050	"	"	"	"	"	"	
Benz (a) anthracene	ND	0.0050	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0050	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0050	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.0050	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	0.010	"	"	"	"	"	"	
Chrysene	ND	0.0050	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.010	"	"	"	"	"	"	
Fluoranthene	ND	0.0050	"	"	"	"	"	"	
Fluorene	ND	0.0050	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.010	"	"	"	"	"	"	
Phenanthrene	ND	0.0050	"	"	"	"	"	"	
Pyrene	ND	0.0050	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14		96.3 %	(13 -	180)	"	"	"	"	

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Ventura CA, 93003 Project Manager: Nico Navarro 05/31/2019 12:54

1901966-33 (Solid)

#### HP1-5

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Metals by CVAA									
Mercury	ND	0.081	mg/kg	1	B9D0617	04/22/19	04/23/19	EPA 7471A	
Total Metals by ICP									
Antimony	ND	2.3	mg/kg	1	B9D0587	04/19/19	04/23/19	EPA 6010B	
Arsenic	2.8	1.9	"	"	"	"	"	"	
Barium	96	0.93	"	"	"	"	"	"	
Beryllium	ND	0.46	"	"	"	"	"	"	
Cadmium	ND	0.23	"	"	"	"	"	"	
Chromium	12	0.46	"	"	"	"	"	"	
Cobalt	6.4	0.46	"	"	"	"	"	"	
Copper	6.1	0.93	"	"	"	"	"	"	
Lead	5.2	0.46	"	"	"	"	"	"	
Molybdenum	ND	0.46	"	"	"	"	"	"	
Nickel	12	0.23	"	"	"	"	"	"	
Selenium	ND	1.9	"	"	"	"	"	"	
Silver	ND	0.46	"	"	"	"	"	"	
Thallium	ND	0.93	"	"	"	"	"	"	
Vanadium	22	0.93	"	"	"	"	"	"	
Zinc	11	0.93	"	"	"	"	"	"	
Volatile Organic TPH by GC/FID									
TPH Gasoline (C4-C12)	ND	0.48	mg/kg	1	B9D0618	04/22/19	04/23/19	EPA 8015M	
Surrogate: 4-Bromofluorobenzene		89.5 %	(36 -	163)	"	"	"	"	
Semi-Volatile Organic TPH by GC/FI	D								
TPH Diesel (C13-C22)	ND	10	mg/kg	1	B9D0549	04/19/19	04/19/19	EPA 8015M	
TPH Motor Oil (C23-C40)	ND	50	"	"	"	"	"	"	
Surrogate: o-Terphenyl		96.3 %	(67 -	134)	"	"	"	"	

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Ventura CA, 93003 Project Manager: Nico Navarro

05/31/2019 12:54

### 1901966-33 (Solid) HP1-5

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by GC/	MS								
t-Amyl Methyl Ether	ND	0.0050	mg/kg	1	B9D0578	04/19/19	04/19/19	EPA 8260B	
Benzene	ND	0.0050	"	"	"	"	"	"	
Bromobenzene	ND	0.0050	"	"	"	"	"	"	
Bromochloromethane	ND	0.0050	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0050	"	"	"	"	"	"	
Bromoform	ND	0.0050	"	"	"	"	"	"	
Bromomethane	ND	0.0050	"	"	"	"	"	"	
t-Butyl alcohol	ND	0.10	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0050	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0050	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0050	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0050	"	"	"	"	"	"	
Chlorobenzene	ND	0.0050	"	"	"	"	"	"	
Chloroethane	ND	0.0050	"	"	"	"	"	"	
Chloroform	ND	0.0050	"	"	"	"	"	"	
Chloromethane	ND	0.0050	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0050	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0050	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0050	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0050	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0050	"	"	"	"	"	"	
Dibromomethane	ND	0.0050	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0050	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0050	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0050	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0050	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0050	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.0050	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.0050	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0050	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0050	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0050	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0050	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0050	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0050	"	"	"	"	"	"	
Diisopropyl Ether	ND	0.0050	"	"	"	"	"	"	

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Rincon Consultants Project: Ortega Park WO & Reported: 180 N. Ashwood Ave. Project Number: 18-06506/604 E. Ortega St., Santa Barbara, CA 1901966

Ventura CA, 93003 Project Manager: Nico Navarro

05/31/2019 12:54

### 1901966-33 (Solid) HP1-5

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by G	C/MS (Conti	nued)							
Ethanol	ND	4.0	mg/kg	1	B9D0578	04/19/19	04/19/19	EPA 8260B	
Ethyl t-Butyl Ether	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0050	"	"	"	"	"	"	
4-Isopropyl Toluene	ND	0.0050	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0050	"	"	"	"	"	"	
Methylene chloride	ND	0.0050	"	"	"	"	"	"	
Methyl-t-butyl ether	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0050	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0050	"	"	"	"	"	"	
Styrene	ND	0.0050	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0050	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0050	"	"	"	"	"	"	
Tetrachloroethene (PCE)	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0050	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0050	"	"	"	"	"	"	
Trichloroethene (TCE)	ND	0.0050	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0050	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0050	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Vinyl chloride	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		104 %	(73 -	132)	"	"	"	"	
Surrogate: Toluene-d8		102 %	(70 -	126)	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.1 %	(78 -	118)	"	"	"	"	

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Ventura CA, 93003 Project Manager: Nico Navarro

05/31/2019 12:54

### 1901966-33 (Solid) HP1-5

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Polynuclear Aromatic Compoun	nds by GC/MS wi	ith Select	ed Ion M	onitoring					
Acenaphthene	ND	0.0050	mg/kg	1	B9D0665	04/23/19	04/24/19	EPA 8270-SIM	
Acenaphthylene	ND	0.0050	"	"	"	"	"	"	
Anthracene	ND	0.0050	"	"	"	"	"	"	
Benz (a) anthracene	ND	0.0050	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0050	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0050	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.0050	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	0.010	"	"	"	"	"	"	
Chrysene	ND	0.0050	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.010	"	"	"	"	"	"	
Fluoranthene	ND	0.0050	"	"	"	"	"	"	
Fluorene	ND	0.0050	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.010	"	"	"	"	"	"	
Phenanthrene	ND	0.0050	"	"	"	"	"	"	
Pyrene	ND	0.0050	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14		114 %	(13 -	180)	"	"	"	"	

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Project Manager: Nico Navarro

05/31/2019 12:54

### 1901966-34 (Solid) HP1-10

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Metals by CVAA									
Mercury	ND	0.097	mg/kg	1	B9D0617	04/22/19	04/23/19	EPA 7471A	
Total Metals by ICP									
Antimony	ND	2.3	mg/kg	1	B9D0587	04/19/19	04/23/19	EPA 6010B	
Arsenic	2.0	1.8	"	"	"	"	"	"	
Barium	57	0.92	"	"	"	"	"	"	
Beryllium	ND	0.46	"	"	"	"	"	"	
Cadmium	ND	0.23	"	"	"	"	"	"	
Chromium	11	0.46	"	"	"	"	"	"	
Cobalt	2.5	0.46	"	"	"	"	"	"	
Copper	6.3	0.92	"	"	"	"	"	"	
Lead	4.9	0.46	"	"	"	"	"	"	
Molybdenum	ND	0.46	"	"	"	"	"	"	
Nickel	8.2	0.23	"	"	"	"	"	"	
Selenium	ND	1.8	"	"	"	"	"	"	
Silver	ND	0.46	"	"	"	"	"	"	
Thallium	ND	0.92	"	"	"	"	"	"	
Vanadium	17	0.92	"	"	"	"	"	"	
Zinc	18	0.92	"	"	"	"	"	"	
Semi-Volatile Organic TPH by GC/FID									
TPH Diesel (C13-C22)	ND	10	mg/kg	1	B9D0549	04/19/19	04/19/19	EPA 8015M	
TPH Motor Oil (C23-C40)	ND	50	"	"	"	"	"	"	
Surrogate: o-Terphenyl		95.0 %	(67 -	134)	"	"	"	"	

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Ventura CA, 93003 Project Manager: Nico Navarro

05/31/2019 12:54

### 1901966-34 (Solid) HP1-10

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by GC	/MS								
t-Amyl Methyl Ether	ND	0.0050	mg/kg	1	B9D0578	04/19/19	04/19/19	EPA 8260B	
Benzene	ND	0.0050	"	"	"	"	"	"	
Bromobenzene	ND	0.0050	"	"	"	"	"	"	
Bromochloromethane	ND	0.0050	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0050	"	"	"	"	"	"	
Bromoform	ND	0.0050	"	"	"	"	"	"	
Bromomethane	ND	0.0050	"	"	"	"	"	"	
t-Butyl alcohol	ND	0.099	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0050	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0050	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0050	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0050	"	"	"	"	"	"	
Chlorobenzene	ND	0.0050	"	"	"	"	"	"	
Chloroethane	ND	0.0050	"	"	"	"	"	"	
Chloroform	ND	0.0050	"	"	"	"	"	"	
Chloromethane	ND	0.0050	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0050	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0050	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0050	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0050	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0050	"	"	"	"	"	"	
Dibromomethane	ND	0.0050	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0050	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0050	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0050	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0050	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0050	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.0050	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.0050	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0050	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0050	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0050	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0050	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0050	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0050	"	"	"	"	"	"	
Diisopropyl Ether	ND	0.0050	"	"	"	"	"	"	

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Rincon Consultants Project: Ortega Park WO & Reported: 180 N. Ashwood Ave. Project Number: 18-06506/604 E. Ortega St., Santa Barbara, CA 1901966

Project Manager: Nico Navarro Ventura CA, 93003

05/31/2019 12:54

### 1901966-34 (Solid) HP1-10

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by G	C/MS (Contin	nued)							
Ethanol	ND	4.0	mg/kg	1	B9D0578	04/19/19	04/19/19	EPA 8260B	
Ethyl t-Butyl Ether	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0050	"	"	"	"	"	"	
4-Isopropyl Toluene	ND	0.0050	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0050	"	"	"	"	"	"	
Methylene chloride	ND	0.0050	"	"	"	"	"	"	
Methyl-t-butyl ether	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0050	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0050	"	"	"	"	"	"	
Styrene	ND	0.0050	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0050	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0050	"	"	"	"	"	"	
Tetrachloroethene (PCE)	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0050	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0050	"	"	"	"	"	"	
Trichloroethene (TCE)	ND	0.0050	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0050	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0050	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Vinyl chloride	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		104 %	(73 -	132)	"	"	"	"	
Surrogate: Toluene-d8		104 %	(70 -	126)	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.9 %	(78 -	118)	"	"	"	"	

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Ventura CA, 93003 Project Manager: Nico Navarro

05/31/2019 12:54

### 1901966-34 (Solid) HP1-10

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Polynuclear Aromatic Compoun	nds by GC/MS wi	ith Select	ed Ion M	onitoring					
Acenaphthene	ND	0.0050	mg/kg	1	B9D0665	04/23/19	04/24/19	EPA 8270-SIM	
Acenaphthylene	ND	0.0050	"	"	"	"	"	"	
Anthracene	ND	0.0050	"	"	"	"	"	"	
Benz (a) anthracene	ND	0.0050	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0050	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0050	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.0050	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	0.010	"	"	"	"	"	"	
Chrysene	ND	0.0050	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.010	"	"	"	"	"	"	
Fluoranthene	ND	0.0050	"	"	"	"	"	"	
Fluorene	ND	0.0050	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.010	"	"	"	"	"	"	
Phenanthrene	ND	0.0050	"	"	"	"	"	"	
Pyrene	ND	0.0050	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14		111 %	(13 -	180)	"	"	"	"	

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Project Manager: Nico Navarro

05/31/2019 12:54

### 1901966-35 (Solid) **RB13-2**

				_					
Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Metals by CVAA									
Mercury	ND	0.098	mg/kg	1	B9D0617	04/22/19	04/23/19	EPA 7471A	
Total Metals by ICP									
Antimony	ND	2.4	mg/kg	1	B9D0587	04/19/19	04/23/19	EPA 6010B	
Arsenic	3.7	1.9	"	"	"	"	"	"	
Barium	96	0.95	11	"	"	"	"	"	
Beryllium	0.53	0.47	11	"	"	"	"	"	
Cadmium	ND	0.24	11	"	"	"	"	"	
Chromium	23	0.47	**	"	"	"	"	"	
Cobalt	3.0	0.47	**	"	"	"	"	"	
Copper	12	0.95	**	"	"	"	"	"	
Lead	5.6	0.47	"	"	"	"	"	"	
Molybdenum	ND	0.47	"	"	"	"	"	"	
Nickel	19	0.24	"	"	"	"	"	"	
Selenium	ND	1.9	"	"	"	"	"	"	
Silver	ND	0.47	"	"	"	"	"	"	
Thallium	0.95	0.95	"	"	"	"	"	"	
Vanadium	31	0.95	**	"	"	"	"	"	
Zinc	33	0.95	"	"	"	"	"	"	
Volatile Organic TPH by GC/FID									
TPH Gasoline (C4-C12)	ND	0.49	mg/kg	1	B9D0618	04/22/19	04/23/19	EPA 8015M	
Surrogate: 4-Bromofluorobenzene		88.1 %	(36 -	163)	"	"	"	"	
Semi-Volatile Organic TPH by GC/F	ID								
TPH Diesel (C13-C22)	ND	9.9	mg/kg	1	B9D0549	04/18/19	04/18/19	EPA 8015M	
TPH Motor Oil (C23-C40)	ND	50	"	"	"	"	"	"	
Surrogate: o-Terphenyl		100 %	(67 -	134)	"	"	"	"	

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Ventura CA, 93003 Project Manager: Nico Navarro

05/31/2019 12:54

### 1901966-35 (Solid) RB13-2

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Polynuclear Aromatic Compoun	ids by GC/MS wi	ith Select	ed Ion M	onitoring					
Acenaphthene	ND	0.0050	mg/kg	1	B9D0665	04/23/19	04/24/19	EPA 8270-SIM	
Acenaphthylene	ND	0.0050	"	"	"	"	"	"	
Anthracene	ND	0.0050	"	"	"	"	"	"	
Benz (a) anthracene	ND	0.0050	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0050	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0050	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.0050	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	0.010	"	"	"	"	"	"	
Chrysene	ND	0.0050	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.010	"	"	"	"	"	"	
Fluoranthene	ND	0.0050	"	"	"	"	"	"	
Fluorene	ND	0.0050	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.010	"	"	"	"	"	"	
Phenanthrene	ND	0.0050	"	"	"	"	"	"	
Pyrene	ND	0.0050	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14		139 %	(13 -	180)	"	"	"	"	

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Project Manager: Nico Navarro 05/31/2019 12:54

### 1901966-37 (Solid) **RB8-2**

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Metals by CVAA									
Mercury	0.15	0.091	mg/kg	1	B9D0617	04/22/19	04/23/19	EPA 7471A	
<b>Total Metals by ICP</b>									
Antimony	ND	2.3	mg/kg	1	B9D0587	04/19/19	04/23/19	EPA 6010B	
Arsenic	3.2	1.9	**	"	"	"	"	"	
Barium	72	0.93	"	"	"	"	"	"	
Beryllium	ND	0.46	"	"	"	"	"	"	
Cadmium	ND	0.23	"	"	"	"	"	"	
Chromium	14	0.46	"	"	"	"	"	"	
Cobalt	4.0	0.46	"	"	"	"	"	"	
Copper	24	0.93	"	"	"	"	"	"	
Lead	120	0.46	"	"	"	"	"	"	N-02, N-03
Molybdenum	ND	0.46	"	"	"	"	"	"	11-05
Nickel	15	0.23	"	"	"	"	"	"	
Selenium	ND	1.9	"	"	"	"	"	"	
Silver	ND	0.46	"	"	"	"	"	"	
Thallium	ND	0.93	"	"	"	"	"	"	
Vanadium	17	0.93	"	"	"	"	"	"	
Zinc	100	0.93	"	"	"	"	"	"	
STLC Metals by ICP									
Lead	2.4	0.050	mg/L	1	B9E0157	05/06/19	05/06/19	STLC/EPA 6010B	
TCLP Metals by ICP									
Lead	ND	0.050	mg/L	1	B9E0076	05/02/19	05/02/19	EPA 1311/EPA 6010B	

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Ventura CA, 93003 Project Manager: Nico Navarro 05/31/2019 12:54

1901966-37 (Solid)

RB8-2	<b>RB8-2</b>	2
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Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic TPH by GC/FID									
TPH Gasoline (C4-C12)	ND	0.49	mg/kg	1	B9D0618	04/22/19	04/23/19	EPA 8015M	
Surrogate: 4-Bromofluorobenzene		84.2 %	(36 -	163)	"	"	"	"	
Semi-Volatile Organic TPH by GC	C/FID								
TPH Diesel (C13-C22)	ND	10	mg/kg	1	B9D0549	04/19/19	04/19/19	EPA 8015M	
TPH Motor Oil (C23-C40)	56	50	"	"	"	"	"	"	
Surrogate: o-Terphenyl		96.6 %	(67 -	134)	"	"	"	"	
Polynuclear Aromatic Compounds	s by GC/MS w	ith Select	ed Ion M	onitoring					R-01
Acenaphthene	ND	0.040	mg/kg	4	B9D0665	04/23/19	04/24/19	EPA 8270-SIM	
Acenaphthylene	ND	0.040	"	"	"	"	"	"	
Anthracene	ND	0.040	"	**	"	"	"	"	
Benz (a) anthracene	0.045	0.040	"	"	"	"	"	"	
Benzo (b) fluoranthene	0.13	0.040	"	"	"	"	"	"	ISlowA
Benzo (k) fluoranthene	0.053	0.040	"	**	"	"	"	"	ISlowA
Benzo (a) pyrene	0.27	0.080	"	8	"	"	04/25/19	"	
Benzo (g,h,i) perylene	0.65	0.16	"	"	"	"	"	"	
Chrysene	0.064	0.040	"	4	"	"	04/24/19	"	
Dibenz (a,h) anthracene	ND	0.080	"	"	"	"	"	"	
Fluoranthene	0.39	0.040	**	"	"	"	"	"	
Fluorene	ND	0.040	**	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	0.17	0.080	"	8	"	"	04/25/19	"	
Naphthalene	ND	0.080	"	4	"	"	04/24/19	"	
Phenanthrene	0.15	0.040	"	"	"	"	"	"	
Pyrene	0.81	0.080	"	8	"	"	04/25/19	"	
Surrogate: p-Terphenyl-d14		110 %	(13 -	180)	"	"	04/24/19	"	

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Project Manager: Nico Navarro Ventura CA, 93003

1901966

05/31/2019 12:54

### 1901966-38 (Solid) **RB8-4**

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Metals by ICP									
Lead	46	0.48	mg/kg	1	B9E0122	05/06/19	05/07/19	EPA 6010B	
Polynuclear Aromatic Compoun	ds by GC/MS wi	ith Select	ed Ion Mo	onitoring					
Acenaphthene	ND	0.0050	mg/kg	1	B9D0848	04/30/19	05/02/19	EPA 8270-SIM	
Acenaphthylene	ND	0.0050	"	"	"	"	"	"	
Anthracene	ND	0.0050	"	"	"	"	"	"	
Benz (a) anthracene	ND	0.0050	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0050	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0050	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.0050	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	0.010	"	"	"	"	"	"	
Chrysene	ND	0.0050	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.010	"	"	"	"	"	"	
Fluoranthene	ND	0.0050	"	"	"	"	"	"	
Fluorene	ND	0.0050	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.010	"	"	"	"	"	"	
Phenanthrene	ND	0.0050	"	"	"	"	"	"	
Pyrene	0.0076	0.0050	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14		104 %	(13 -	180)	"	"	"	"	

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Project Manager: Nico Navarro

05/31/2019 12:54

### 1901966-39 (Solid) RB12-1

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Metals by CVAA									
Mercury	0.47	0.098	mg/kg	1	B9D0617	04/22/19	04/23/19	EPA 7471A	
<b>Total Metals by ICP</b>									
Antimony	ND	2.5	mg/kg	1	B9D0587	04/19/19	04/23/19	EPA 6010B	
Arsenic	4.7	2.0	"	"	"	"	"	"	
Barium	150	0.99	"	"	"	"	"	"	
Beryllium	ND	0.50	"	"	"	"	"	"	
Cadmium	1.8	0.25	"	"	"	"	"	"	
Chromium	17	0.50	"	"	"	"	"	"	
Cobalt	5.6	0.50	"	"	"	"	"	"	
Copper	54	0.99	"	"	"	"	"	"	
Lead	260	0.50	"	"	"	"	"	"	N-02, N-03
Molybdenum	ND	0.50	"	"	"	"	"	"	14-05
Nickel	19	0.25	"	"	"	"	"	"	
Selenium	ND	2.0	"	"	"	"	"	"	
Silver	ND	0.50	"	"	"	"	"	"	
Thallium	ND	0.99	"	"	"	"	"	"	
Vanadium	20	0.99	"	"	"	"	"	"	
Zinc	630	0.99	"	"	"	"	"	"	
STLC Metals by ICP									
Lead	13	0.050	mg/L	1	B9E0157	05/06/19	05/06/19	STLC/EPA 6010B	N-07
TCLP Metals by ICP									
Lead	0.69	0.050	mg/L	1	B9E0076	05/02/19	05/02/19	EPA 1311/EPA	

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Rincon Consultants Project: Ortega Park WO & Reported: 180 N. Ashwood Ave. Project Number: 18-06506/604 E. Ortega St., Santa Barbara, CA 1901966

Ventura CA, 93003 Project Manager: Nico Navarro

05/31/2019 12:54

### 1901966-39 (Solid) RB12-1

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic TPH by GC/FID									
TPH Gasoline (C4-C12)	ND	0.50	mg/kg	1	B9D0618	04/22/19	04/23/19	EPA 8015M	
Surrogate: 4-Bromofluorobenzene		50.2 %	(36 -	163)	"	"	"	"	
Semi-Volatile Organic TPH by GC	/FID								
TPH Diesel (C13-C22)	120	10	mg/kg	1	B9D0549	04/19/19	04/19/19	EPA 8015M	
TPH Motor Oil (C23-C40)	1700	50	"	"	"	"	"	"	
Surrogate: o-Terphenyl		81.1 %	(67 -	134)	"	"	"	"	
<b>Volatile Organic Compounds by G</b>	C/MS								
t-Amyl Methyl Ether	ND	0.0050	mg/kg	1	B9D0578	04/19/19	04/19/19	EPA 8260B	
Benzene	ND	0.0050	"	"	"	"	"	"	
Bromobenzene	ND	0.0050	"	"	"	"	"	"	
Bromochloromethane	ND	0.0050	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0050	"	"	"	"	"	"	
Bromoform	ND	0.0050	"	"	"	"	"	"	
Bromomethane	ND	0.0050	"	"	"	"	"	"	
t-Butyl alcohol	ND	0.10	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0050	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0050	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0050	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0050	"	"	"	"	"	"	
Chlorobenzene	ND	0.0050	"	"	"	"	"	"	
Chloroethane	ND	0.0050	"	"	"	"	"	"	
Chloroform	ND	0.0050	"	"	"	"	"	"	
Chloromethane	ND	0.0050	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0050	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0050	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0050	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0050	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0050	"	"	"	"	"	"	
Dibromomethane	ND	0.0050	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0050	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0050	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0050	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0050	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0050	"	"	"	"	"	"	

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Rincon Consultants Project: Ortega Park WO & Reported: 180 N. Ashwood Ave. Project Number: 18-06506/604 E. Ortega St., Santa Barbara, CA 1901966

Ventura CA, 93003 Project Manager: Nico Navarro

05/31/2019 12:54

### 1901966-39 (Solid) RB12-1

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by G	C/MS (Conti	nued)							
cis-1,2-Dichloroethene	ND	0.0050	mg/kg	1	B9D0578	04/19/19	04/19/19	EPA 8260B	
trans-1,2-Dichloroethene	ND	0.0050	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0050	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0050	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0050	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0050	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0050	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0050	"	"	"	"	"	"	
Diisopropyl Ether	ND	0.0050	"	"	"	"	"	"	
Ethanol	ND	4.0	"	"	"	"	"	"	
Ethyl t-Butyl Ether	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0050	"	"	"	"	"	"	
4-Isopropyl Toluene	ND	0.0050	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0050	"	"	"	"	"	"	
Methylene chloride	ND	0.0050	"	"	"	"	"	"	
Methyl-t-butyl ether	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0050	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0050	"	"	"	"	"	"	
Styrene	ND	0.0050	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0050	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0050	"	"	"	"	"	"	
Tetrachloroethene (PCE)	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0050	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0050	"	"	"	"	"	"	
Trichloroethene (TCE)	ND	0.0050	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0050	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0050	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Vinyl chloride	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
•	ND	103 %	(73 -		"	"	"	"	
Surrogate: Dibromofluoromethane Surrogate: Toluene-d8		90.7 %	( 73 ( 70		,,	"	,,	,,	
9					,,	"	"	,,	
Surrogate: 4-Bromofluorobenzene		91.1 %	(78 -	110)	.,	,,	.,	"	

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Rincon Consultants Project: Ortega Park WO & Reported: 180 N. Ashwood Ave. Project Number: 18-06506/604 E. Ortega St., Santa Barbara, CA 1901966

Ventura CA, 93003 Project Manager: Nico Navarro

1901966 05/31/2019 12:54

### 1901966-39 (Solid) RB12-1

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Polychlorinated Biphenyls by GC/EG	CD							C-0	1, C-06
PCB-1016	ND	0.020	mg/kg	1	B9D0538	04/18/19	04/19/19	EPA 8082	
PCB-1221	ND	0.020	"	"	"	"	"	"	
PCB-1232	ND	0.020	"	"	"	"	"	"	
PCB-1242	ND	0.020	"	"	"	"	"	"	
PCB-1248	ND	0.020	"	"	"	"	"	"	
PCB-1254	ND	0.020	"	"	"	"	"	"	
PCB-1260	ND	0.020	"	"	"	"	"	"	
Surrogate: Decachlorobiphenyl		117 %	(10 -	163)	"	"	"	"	
Surrogate: 2,4,5,6 Tetrachloro-m-xylene		93.6 %	(10 -	150)	"	"	"	"	
Polynuclear Aromatic Compounds b Acenaphthene	y GC/MS w	ith Select	ed Ion Memory	onitoring 2	B9D0665	04/23/19	04/25/19	EPA 8270-SIM	
Acenaphthylene	ND ND	0.010	mg/kg	<i>Z</i>	D9D0003	04/23/19	04/23/19	EPA 62/0-511VI	
Anthracene	ND ND	0.010	"	,,	"	,,	,,	"	
Benz (a) anthracene	0.013	0.010	"	"	"	"	"	"	
Benzo (b) fluoranthene	0.013 ND	0.010	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND ND	0.010	"	"	"	"	"	"	
Benzo (a) pyrene	0.024	0.010	"	4	"	"	04/24/19	"	ISlowA
Benzo (g,h,i) perylene	0.024	0.020	"	"	"	"	U4/24/19	"	ISlowA
Chrysene	0.025	0.010	"	2	"	"	04/25/19	"	15101171
Dibenz (a,h) anthracene	ND	0.020	"	"	"	"	"	"	
Fluoranthene	0.033	0.010	"	"	"	"	"	"	
Fluorene	ND	0.010	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	0.014	0.010	"	"	"	"	"	"	ISlowA
Naphthalene	ND	0.020	"	"	"	"	"	"	10101111
Phenanthrene	0.011	0.010	"	"	"	"	"	"	
Pyrene	0.047	0.010	"	"	"	"	"	"	

(13 - 180)

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Surrogate: p-Terphenyl-d14



Rincon Consultants Project: Ortega Park WO & Reported: 180 N. Ashwood Ave. Project Number: 18-06506/604 E. Ortega St., Santa Barbara, CA 1901966
Ventura CA, 93003 Project Manager: Nico Navarro 05/31/2019 12:54

#### **Total Metals by CVAA - Quality Control**

Mercury   ND   0.10 mg/kg   1/23/19   12:14   102   85-115   102   85-115   102   102   103	Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury   ND   0.10 mg/kg   12:114   102   85-115   102   85-115   102   85-115   102   85-115   102   85-115   102   85-115   102   85-115   102   85-115   102   85-115   102   85-115   102   103	Batch B9D0617 - EPA 7471A Prep	aration: EPA 7471A Prep 0	)4/22/19	09:48							
Analyzed:	Blank (B9D0617-BLK1)		A	analyzed:	04/23/19	12:18					
Mercury	Mercury	ND	0.10	mg/kg							
Analyzed:	LCS (B9D0617-BS1)		A	analyzed:	04/23/19	12:14					
Mercury   0.849   0.10 mg/kg   0.833   102   85-115   0.216   20	Mercury	0.847	0.10	mg/kg	0.833		102	85-115			
Duplicate (B9D0617-DUP1)   Source: 1902029-08   Analyzed: 04/23/19   12:22     47.5   20   QR-04	LCS Dup (B9D0617-BSD1)			•	04/23/19	12:16					
Matrix Spike (B9D0617-MS1)   Source: 1902029-08   Analyzed: \(\frac{1}{2}\f	Mercury	0.849	0.10	mg/kg	0.833		102	85-115	0.216	20	
Matrix Spike (B9D0617-MS1)  Source: 1902029-08  Matrix Spike Dup (B9D0617-MSD1)  Source: 1902029-08  Matrix Spike Dup (B9D0617-MSD1)  Source: 1902029-08  Mercury  0.881  0.996  mg/kg  0.882  0.096  mg/kg  0.884  0.0260  106  75-125  22.5  20  QR-02  Post Spike (B9D0617-PS1)  Source: 1902029-08  Mercury  5.24  Marlyzed: 04/23/19 12:28  Mercury  Source: 1902029-08  Analyzed: 04/23/19 12:28  Mercury  ND  0.10  mg/kg  0.821  Analyzed: 04/24/19 13:27  Mercury  ND  0.10  mg/kg  0.833  106  85-115  LCS (B9D0688-BLK1)  Mercury  0.880  0.10  mg/kg  0.833  106  85-115  LCS Dup (B9D0688-BSD1)  Mercury  0.965  0.10  mg/kg  0.833  116  85-115  LCS Dup (B9D0688-DUP1)  Source: 1902016-01  Analyzed: 04/24/19 13:31  Mercury  ND  0.082  mg/kg  ND  0.082  mg/kg  ND  110  75-125  22.5  20  QR-02  QR-03  QR-04  QR-04  QR-04  QR-04  QR-04  QR-04  QR-04  QR-04  QR-05  QR-05  QR-06  QR-07  QR-08  QR-08  QR-09  QR-09	Duplicate (B9D0617-DUP1)			•	04/23/19						
Matrix Spike Dup (B9D0617-MSD1)   Source: 1902029-08   Analyzed: 04/23/19   12:26   Mercury   0.881   0.096   mg/kg   0.884   0.0260   106   75-125   22.5   20   QR-02   QR	Mercury	0.0160	0.076	mg/kg		0.0260			47.5	20	QR-04
Matrix Spike Dup (B9D0617-MSD1)	Matrix Spike (B9D0617-MS1)			•							
Mercury 0.881 0.096 mg/kg 0.804 0.0260 106 75-125 22.5 20 QR-02  Post Spike (B9D0617-PS1) Source: 1902029-08	Mercury	0.703	0.082	mg/kg	0.685	0.0260	98.8	75-125			
Post Spike (B9D0617-PS1)	Matrix Spike Dup (B9D0617-MSD1)			•							
Section   Sect	Mercury	0.881	0.096	mg/kg	0.804	0.0260	106	75-125	22.5	20	QR-02
Blank (B9D0688 - EPA 7471A Preparation: EPA 7471A Prep 04/24/19 09:22  Blank (B9D0688-BLK1)  Mercury  ND  0.10 mg/kg  LCS (B9D0688-BS1)  Mercury  0.880  0.10 mg/kg  0.833  106 85-115  LCS Dup (B9D0688-BSD1)  Mercury  0.965  0.10 mg/kg  0.833  116 85-115  9.14 20 QM-09  Duplicate (B9D0688-DUP1)  Source: 1902016-01  Analyzed: 04/24/19 13:33  Mercury  ND  0.082 mg/kg  ND  111 75-125  Marrix Spike (B9D0688-MSD1)  Source: 1902016-01  Analyzed: 04/24/19 13:33  Mercury  ND  0.755  0.082 mg/kg  0.679  ND  111 75-125	Post Spike (B9D0617-PS1)		A								
Analyzed: 04/24/19 13:27	Mercury	5.24		ug/L	5.00	0.202	101	85-115			
Mercury ND 0.10 mg/kg  LCS (B9D0688-BS1)  Analyzed: 04/24/19 13:21  Mercury 0.880 0.10 mg/kg 0.833 106 85-115  LCS Dup (B9D0688-BSD1)  Analyzed: 04/24/19 13:23  Mercury 0.965 0.10 mg/kg 0.833 116 85-115 9.14 20 QM-09  Duplicate (B9D0688-DUP1)  Source: 1902016-01  Analyzed: 04/24/19 13:31  Mercury ND 0.082 mg/kg ND 20  Matrix Spike (B9D0688-MS1)  Source: 1902016-01  Analyzed: 04/24/19 13:33  Mercury 0.755 0.082 mg/kg 0.679 ND 111 75-125  Matrix Spike Dup (B9D0688-MSD1)  Source: 1902016-01  Analyzed: 04/24/19 13:35	Batch B9D0688 - EPA 7471A Prep	aration: EPA 7471A Prep 0	04/24/19	09:22							
LCS (B9D0688-BS1)  Mercury  0.880  0.10 mg/kg 0.833  106 85-115  LCS Dup (B9D0688-BSD1)  Analyzed: 04/24/19 13:23  Mercury  0.965  0.10 mg/kg 0.833  116 85-115  9.14 20 QM-09  Duplicate (B9D0688-DUP1)  Source: 1902016-01  Analyzed: 04/24/19 13:31  Mercury  ND 0.082 mg/kg ND  111 75-125  Matrix Spike (B9D0688-MSD1)  Source: 1902016-01  Analyzed: 04/24/19 13:33  Mercury  0.755 0.082 mg/kg 0.679 ND 111 75-125	Blank (B9D0688-BLK1)		A	nalyzed:	04/24/19	13:27					
Mercury 0.880 0.10 mg/kg 0.833 106 85-115  LCS Dup (B9D0688-BSD1)  Analyzed: 04/24/19 13:23  Mercury 0.965 0.10 mg/kg 0.833 116 85-115 9.14 20 QM-09  Duplicate (B9D0688-DUP1)  Source: 1902016-01  Analyzed: 04/24/19 13:31  Mercury ND 0.082 mg/kg ND 20  Matrix Spike (B9D0688-MS1)  Mercury 0.755 0.082 mg/kg 0.679 ND 111 75-125  Matrix Spike Dup (B9D0688-MSD1)  Source: 1902016-01  Analyzed: 04/24/19 13:35	Mercury	ND	0.10	mg/kg							
Analyzed: 04/24/19 13:23  Mercury 0.965 0.10 mg/kg 0.833 116 85-115 9.14 20 QM-09  Duplicate (B9D0688-DUP1) Source: 1902016-01 Analyzed: 04/24/19 13:31  Mercury ND 0.082 mg/kg ND 20  Matrix Spike (B9D0688-MS1) Source: 1902016-01 Analyzed: 04/24/19 13:33  Mercury 0.755 0.082 mg/kg 0.679 ND 111 75-125  Matrix Spike Dup (B9D0688-MSD1) Source: 1902016-01 Analyzed: 04/24/19 13:35	LCS (B9D0688-BS1)		A	nalyzed:	04/24/19	13:21					
Mercury 0.965 0.10 mg/kg 0.833 116 85-115 9.14 20 QM-09  Duplicate (B9D0688-DUP1) Source: 1902016-01 Analyzed: 04/24/19 13:31  Mercury ND 0.082 mg/kg ND 20  Matrix Spike (B9D0688-MS1) Source: 1902016-01 Analyzed: 04/24/19 13:33  Mercury 0.755 0.082 mg/kg 0.679 ND 111 75-125  Matrix Spike Dup (B9D0688-MSD1) Source: 1902016-01 Analyzed: 04/24/19 13:35	Mercury	0.880	0.10	mg/kg	0.833		106	85-115			
Duplicate (B9D0688-DUP1)         Source: 1902016-01         Analyzed: 04/24/19 13:31           Mercury         ND         0.082 mg/kg         ND         20           Matrix Spike (B9D0688-MS1)         Source: 1902016-01         Analyzed: 04/24/19 13:33           Mercury         0.755         0.082 mg/kg         0.679 ND         111 75-125           Matrix Spike Dup (B9D0688-MSD1)         Source: 1902016-01         Analyzed: 04/24/19 13:35	LCS Dup (B9D0688-BSD1)		A	nalyzed:	04/24/19	13:23					
Mercury         ND         0.082 mg/kg         ND         20           Matrix Spike (B9D0688-MS1)         Source: 1902016-01         Analyzed: 04/24/19 13:33           Mercury         0.755         0.082 mg/kg         0.679         ND         111         75-125           Matrix Spike Dup (B9D0688-MSD1)         Source: 1902016-01         Analyzed: 04/24/19 13:35	Mercury	0.965	0.10	mg/kg	0.833		116	85-115	9.14	20	QM-09
Matrix Spike (B9D0688-MS1)         Source: 1902016-01         Analyzed: 04/24/19 13:33           Mercury         0.755         0.082 mg/kg         0.679 ND         111 75-125           Matrix Spike Dup (B9D0688-MSD1)         Source: 1902016-01         Analyzed: 04/24/19 13:35	Duplicate (B9D0688-DUP1)	Source: 1902016-01	A	nalyzed:	04/24/19	13:31					
Mercury 0.755 0.082 mg/kg 0.679 ND 111 75-125  Matrix Spike Dup (B9D0688-MSD1) Source: 1902016-01 Analyzed: 04/24/19 13:35	Mercury	ND	0.082	mg/kg		ND				20	
Matrix Spike Dup (B9D0688-MSD1) Source: 1902016-01 Analyzed: 04/24/19 13:35	Matrix Spike (B9D0688-MS1)	Source: 1902016-01	A	nalyzed:	04/24/19	13:33					
• • • • • • • • • • • • • • • • • • • •	Mercury	0.755	0.082	mg/kg	0.679	ND	111	75-125			
Mercury 0.816 0.091 mg/kg 0.755 ND 108 75-125 7.86 20	Matrix Spike Dup (B9D0688-MSD1)	Source: 1902016-01	A	nalyzed:	04/24/19	13:35					
	Mercury	0.816	0.091	mg/kg	0.755	ND	108	75-125	7.86	20	

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Rincon Consultants Project: Ortega Park WO & Reported: 180 N. Ashwood Ave. Project Number: 18-06506/604 E. Ortega St., Santa Barbara, CA 1901966
Ventura CA, 93003 Project Manager: Nico Navarro 05/31/2019 12:54

### **Total Metals by CVAA - Quality Control**

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B9D0688 - EPA 7471A	Preparation: EPA 7471A Prep	04/24/19	09:22							
Post Spike (B9D0688-PS1)	Source: 1902016-01	I	-	04/24/19		107	05.115			
Mercury	5.38		ug/L	5.00	0.0468	107	85-115			
<b>Batch B9E0123 - EPA 7471A</b> I	Preparation: EPA 7471A Prep	05/06/19	08:37							
Blank (B9E0123-BLK1)			•	05/06/19	12:59					
Mercury	ND	0.10	mg/kg							
LCS (B9E0123-BS1)		I	Analyzed:	05/06/19	12:55					
Mercury	0.817	0.10	mg/kg	0.833		98.0	85-115			
LCS Dup (B9E0123-BSD1)		A	Analyzed:	05/06/19	12:57					
Mercury	0.849	0.10	mg/kg	0.833		102	85-115	3.84	20	
Duplicate (B9E0123-DUP1)	Source: 1902178-01	A	Analyzed:	05/06/19	13:04					
Mercury	0.0660	0.099	mg/kg		0.0676			2.43	20	
Matrix Spike (B9E0123-MS1)	Source: 1902178-01	A	Analyzed:	05/06/19	13:06					
Mercury	0.873	0.098	mg/kg	0.814	0.0676	98.9	75-125			
Matrix Spike Dup (B9E0123-MSD1	Source: 1902178-01	A	Analyzed:	05/06/19	13:08					
Mercury	0.832	0.091	mg/kg	0.762	0.0676	100	75-125	4.90	20	
Post Spike (B9E0123-PS1)	Source: 1902178-01	I	Analyzed:	05/06/19	13:10					
Mercury	4.90		ug/L	5.00	0.443	89.2	85-115			

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Ventura CA, 93003 Project Manager: Nico Navarro 05/31/2019 12:54

### **Total Metals by ICP - Quality Control**

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B9D0566 - EPA 6010B	Preparation: EPA 3050B	04/19/19 09:23
---------------------------	------------------------	----------------

Blank (B9D0566-BLK1)		1	Analyzed:	04/23/19 16:24	4		
Antimony	ND	2.5	mg/kg				
Arsenic	ND	2.0	"				
Barium	ND	1.0	"				
Beryllium	ND	0.50	"				
Cadmium	ND	0.25	"				
Chromium	ND	0.50	"				
Cobalt	ND	0.50	"				
Copper	ND	1.0	"				
Lead	ND	0.50	"				
Molybdenum	ND	0.50	"				
Nickel	ND	0.25	"				
Selenium	ND	2.0	"				
Silver	ND	0.50	"				
Thallium	ND	1.0	"				
Vanadium	ND	1.0	"				
Zinc	ND	1.0	"				
LCS (B9D0566-BS1)		1	Analyzed:	04/23/19 16:2	7		
Antimony	96.2	2.5	mg/kg	100	96.2	80-120	
Arsenic	95.1	2.0	"	100	95.1	80-120	
Barium	98.0	1.0	"	100	98.0	80-120	
Beryllium	96.6	0.50	"	100	96.6	80-120	
Cadmium	98.2	0.25	"	100	98.2	80-120	
Chromium	97.1	0.50	"	100	97.1	80-120	
Cobalt	99.1	0.50	"	100	99.1	80-120	
Copper	99.8	1.0	"	100	99.8	80-120	
Lead	99.6	0.50	"	100	99.6	80-120	
Molybdenum	96.6	0.50	"	100	96.6	80-120	
Nickel	98.6	0.25	"	100	98.6	80-120	
Selenium	94.4	2.0	"	100	94.4	80-120	
Silver	4.91	0.50	"	5.00	98.2	80-120	
Thallium	98.0	1.0	"	100	98.0	80-120	
Vanadium	96.3	1.0	"	100	96.3	80-120	
Zinc	97.6	1.0	"	100	97.6	80-120	

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Rincon Consultants Project: Ortega Park WO & Reported: 180 N. Ashwood Ave. Project Number: 18-06506/604 E. Ortega St., Santa Barbara, CA 1901966
Ventura CA, 93003 Project Manager: Nico Navarro 05/31/2019 12:54

### **Total Metals by ICP - Quality Control**

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B9D0566 - EPA 6010B	Preparation: EPA 3050B 04/19/1	9 09:23								
LCS Dup (B9D0566-BSD1)		A	nalyzed:	04/23/19	16:29					
Antimony	95.6	2.5	mg/kg	100		95.6	80-120	0.521	20	
Arsenic	95.8	2.0	"	100		95.8	80-120	0.733	20	
Barium	98.1	1.0	"	100		98.1	80-120	0.0510	20	
Beryllium	96.7	0.50	"	100		96.7	80-120	0.155	20	
Cadmium	98.0	0.25	"	100		98.0	80-120	0.255	20	
Chromium	96.2	0.50	"	100		96.2	80-120	0.879	20	
Cobalt	98.8	0.50	"	100		98.8	80-120	0.253	20	
Copper	98.9	1.0	"	100		98.9	80-120	0.906	20	
Lead	99.6	0.50	"	100		99.6	80-120	0.00	20	
Molybdenum	97.4	0.50	"	100		97.4	80-120	0.824	20	
Nickel	98.4	0.25	"	100		98.4	80-120	0.254	20	
Selenium	94.8	2.0	"	100		94.8	80-120	0.476	20	
Silver	4.85	0.50	"	5.00		97.0	80-120	1.23	20	
Thallium	98.4	1.0	"	100		98.4	80-120	0.408	20	
Vanadium	95.5	1.0	"	100		95.5	80-120	0.834	20	
Zinc	97.0	1.0	"	100		97.0	80-120	0.617	20	
Duplicate (B9D0566-DUP1)	Source: 1901964-05	A	nalyzed:	04/23/19	17:06					
Antimony	ND	2.3	mg/kg		ND				20	
Arsenic	2.59	1.9	"		2.01			25.3	20	QR-04
Barium	17.6	0.93	"		16.5			6.60	20	
Beryllium	ND	0.46	"		ND				20	
Cadmium	1.17	0.23	"		1.32			12.6	20	
Chromium	20.7	0.46	"		22.9			10.1	20	
Cobalt	0.819	0.46	"		1.11			29.7	20	QR-04
Copper	3.19	0.93	"		3.12			2.17	20	
Lead	2.56	0.46	"		2.51			1.88	20	
Molybdenum	2.51	0.46	"		1.28			64.8	20	QR-04
Nickel	9.79	0.23	"		10.6			7.55	20	-
Selenium	ND	1.9	"		ND				20	
Silver	ND	0.46	"		ND				20	
Thallium	1.58	0.93	"		1.73			9.40	20	
Vanadium	11.9	0.93	**		13.1			9.40	20	
Zinc	17.8	0.93	"		18.0			0.997	20	

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Rincon Consultants Project: Ortega Park WO & Reported: 180 N. Ashwood Ave. Project Number: 18-06506/604 E. Ortega St., Santa Barbara, CA 1901966
Ventura CA, 93003 Project Manager: Nico Navarro 05/31/2019 12:54

### **Total Metals by ICP - Quality Control**

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Matrix Spike (B9D0566-MS1)	Source: 1901964-05	1	Analyzed:	04/23/19	16:31				
Antimony	57.4	2.3	mg/kg	91.5	ND	62.7	10-103		
Arsenic	89.0	1.8	"	91.5	2.01	95.1	75-122		
Barium	107	0.91	"	91.5	16.5	98.9	23-186		
Beryllium	87.6	0.46	"	91.5	ND	95.8	70-127		
Cadmium	89.4	0.23	"	91.5	1.32	96.3	73-120		
Chromium	115	0.46	"	91.5	22.9	101	47-159		
Cobalt	88.5	0.46	"	91.5	1.11	95.5	67-125		
Copper	93.6	0.91	"	91.5	3.12	98.9	60-147		
Lead	89.9	0.46	"	91.5	2.51	95.6	57-134		
Molybdenum	87.7	0.46	"	91.5	1.28	94.5	59-121		
Nickel	97.7	0.23	"	91.5	10.6	95.2	40-154		
Selenium	85.2	1.8	"	91.5	ND	93.1	60-125		
Silver	4.32	0.46	"	4.57	ND	94.4	39-137		
Гhallium	85.1	0.91	"	91.5	1.73	91.1	57-126		
Vanadium	103	0.91	**	91.5	13.1	97.8	67-137		
Cinc	105	0.91	"	91.5	18.0	95.4	45-151		
Matrix Spike Dup (B9D0566-MSD1)	Source: 1901964-05	1	Analyzed:	04/23/19	16:34				
Antimony	61.1	2.4	mg/kg	97.8	ND	62.4	10-103	6.23	20
Arsenic	91.4	2.0	"	97.8	2.01	91.3	75-122	2.68	20
Barium	108	0.98	"	97.8	16.5	93.4	23-186	0.902	20
Beryllium	89.3	0.49	"	97.8	ND	91.3	70-127	1.91	20
Cadmium	91.6	0.24	"	97.8	1.32	92.3	73-120	2.48	20
Chromium	115	0.49	"	97.8	22.9	94.4	47-159	0.308	20
Cobalt	90.5	0.49	"	97.8	1.11	91.3	67-125	2.17	20
Copper	95.7	0.98	"	97.8	3.12	94.6	60-147	2.22	20
Lead	92.7	0.49	"	97.8	2.51	92.2	57-134	3.04	20
Molybdenum	90.5	0.49	"	97.8	1.28	91.1	59-121	3.05	20
Nickel	98.2	0.24	"	97.8	10.6	89.6	40-154	0.534	20
Selenium	88.0	2.0	"	97.8	ND	90.0	60-125	3.27	20
Silver	4.51	0.49	"	4.89	ND	92.1	39-137	4.25	20
Thallium	89.1	0.98	"	97.8	1.73	89.3	57-126	4.65	20
111011110111									
Vanadium	104	0.98	**	97.8	13.1	92.6	67-137	1.12	20

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Rincon Consultants Project: Ortega Park WO & Reported: 180 N. Ashwood Ave. Project Number: 18-06506/604 E. Ortega St., Santa Barbara, CA 1901966
Ventura CA, 93003 Project Manager: Nico Navarro 05/31/2019 12:54

### **Total Metals by ICP - Quality Control**

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

### **Batch B9D0566 - EPA 6010B** Preparation: EPA 3050B 04/19/19 09:23

Antimony       1.86       mg/L       2.00       0.00841       92.6       75-125         Arsenic       1.92       "       2.00       0.0396       94.0       75-125         Barium       2.23       "       2.00       0.325       95.4       75-125         Beryllium       1.87       "       2.00       0.00372       93.5       75-125         Codmium       1.02       "       2.00       0.0261       0.046       75.135
Barium       2.23       " 2.00       0.325       95.4       75-125         Beryllium       1.87       " 2.00       0.00372       93.5       75-125
Beryllium 1.87 " 2.00 0.00372 93.5 75-125
0.1.
Cadmium 1.92 " 2.00 0.0261 94.6 75-125
Chromium 2.31 " 2.00 0.453 93.0 75-125
Cobalt 1.91 " 2.00 0.0218 94.5 75-125
Copper 2.00 " 2.00 0.0615 97.1 75-125
Lead 1.94 " 2.00 0.0496 94.4 75-125
Molybdenum 1.90 " 2.00 0.0253 93.6 75-125
Nickel 2.08 " 2.00 0.208 93.8 75-125
Selenium 1.85 " 2.00 -0.0202 92.6 75-125
Silver 0.0931 " 0.100 -0.00186 93.1 75-125
Thallium 1.87 " 2.00 0.0342 91.9 75-125
Vanadium 2.11 " 2.00 0.258 92.8 75-125
Zinc 2.22 " 2.00 0.355 93.4 75-125

### **Batch B9D0587 - EPA 6010B** Preparation: EPA 3050B 04/19/19 15:06

Blank (B9D0587-BLK1)		A	Analyzed: 04/23/19 18:48
Antimony	ND	2.5	mg/kg
Arsenic	ND	2.0	"
Barium	ND	1.0	"
Beryllium	ND	0.50	"
Cadmium	ND	0.25	"
Chromium	ND	0.50	"
Cobalt	ND	0.50	"
Copper	ND	1.0	"
Lead	ND	0.50	"
Molybdenum	ND	0.50	"
Nickel	ND	0.25	"
Selenium	ND	2.0	"
Silver	ND	0.50	"
Thallium	ND	1.0	"
Vanadium	ND	1.0	"
Zinc	ND	1.0	"

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Ventura CA, 93003 Project Manager: Nico Navarro 05/31/2019 12:54

### **Total Metals by ICP - Quality Control**

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B9D0587 - EPA 6010B Preparation	n: EPA 3050B 04/19/	19 15:06								
LCS (B9D0587-BS1)		A	Analyzed:	04/23/19	18:25					
Antimony	95.8	2.5	mg/kg	100		95.8	80-120			
Arsenic	95.5	2.0	"	100		95.5	80-120			
Barium	97.5	1.0	"	100		97.5	80-120			
Beryllium	95.0	0.50	"	100		95.0	80-120			
Cadmium	98.2	0.25	"	100		98.2	80-120			
Chromium	95.1	0.50	"	100		95.1	80-120			
Cobalt	99.0	0.50	"	100		99.0	80-120			
Copper	96.4	1.0	"	100		96.4	80-120			
Lead	99.4	0.50	"	100		99.4	80-120			
Molybdenum	96.5	0.50	"	100		96.5	80-120			
Nickel	98.8	0.25	"	100		98.8	80-120			
Selenium	93.8	2.0	"	100		93.8	80-120			
Silver	4.74	0.50	"	5.00		94.8	80-120			
Thallium	95.8	1.0	"	100		95.8	80-120			
Vanadium	93.2	1.0	**	100		93.2	80-120			
Zinc	96.8	1.0	"	100		96.8	80-120			
LCS Dup (B9D0587-BSD1)		A	Analyzed:	04/23/19	18:28					
Antimony	96.6	2.5	mg/kg	100		96.6	80-120	0.779	20	
Arsenic	96.9	2.0	"	100		96.9	80-120	1.46	20	
Barium	99.4	1.0	"	100		99.4	80-120	1.93	20	
Beryllium	97.0	0.50	"	100		97.0	80-120	2.08	20	
Cadmium	100	0.25	"	100		100	80-120	1.82	20	
Chromium	97.7	0.50	"	100		97.7	80-120	2.70	20	
Cobalt	101	0.50	"	100		101	80-120	1.85	20	
Copper	99.0	1.0	"	100		99.0	80-120	2.66	20	
Lead	101	0.50	"	100		101	80-120	1.99	20	
Molybdenum	97.8	0.50	"	100		97.8	80-120	1.39	20	
Nickel	100	0.25	"	100		100	80-120	1.61	20	
Selenium	96.4	2.0	"	100		96.4	80-120	2.84	20	
Silver	4.82	0.50	"	5.00		96.5	80-120	1.78	20	
Thallium	98.4	1.0	"	100		98.4	80-120	2.68	20	
Vanadium	96.2	1.0	**	100		96.2	80-120	3.17	20	
Zinc	98.8	1.0	"	100		98.8	80-120	1.94	20	

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Ventura CA, 93003 Project Manager: Nico Navarro 05/31/2019 12:54

### **Total Metals by ICP - Quality Control**

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B9D0587 - EPA 6010B	Preparation: EPA 3050B 04/19/1	9 15:06								
Duplicate (B9D0587-DUP1)	Source: 1901966-29	A	Analyzed:	04/23/19	18:54					
Antimony	ND	2.4	mg/kg		ND				20	
Arsenic	3.18	1.9	"		2.45			25.7	20	QR-04
Barium	66.2	0.97	"		60.8			8.49	20	
Beryllium	0.429	0.49	"		0.398			7.35	20	
Cadmium	ND	0.24	"		ND				20	
Chromium	15.0	0.49	"		12.8			15.6	20	
Cobalt	6.72	0.49	"		5.42			21.5	20	QR-04
Copper	8.58	0.97	"		8.39			2.18	20	
Lead	11.8	0.49	"		10.3			13.9	20	
Molybdenum	ND	0.49	"		ND				20	
Nickel	12.1	0.24	"		11.1			8.29	20	
Selenium	ND	1.9	"		ND				20	
Silver	ND	0.49	"		ND				20	
Thallium	1.41	0.97	"		1.01			33.7	20	QR-04
Vanadium	26.3	0.97	**		21.2			21.5	20	QR-04
Zinc	25.0	0.97	"		23.3			6.95	20	
Matrix Spike (B9D0587-MS1)	Source: 1901966-29	A	Analyzed:	04/23/19	18:30					
Antimony	33.0	2.4	mg/kg	97.4	ND	33.9	10-103			
Arsenic	94.9	1.9	"	97.4	2.45	95.0	75-122			
Barium	166	0.97	"	97.4	60.8	108	23-186			
Beryllium	93.4	0.49	"	97.4	0.398	95.5	70-127			
Cadmium	93.0	0.24	"	97.4	ND	95.6	73-120			
Chromium	111	0.49	"	97.4	12.8	101	47-159			
Cobalt	100	0.49	"	97.4	5.42	97.4	67-125			
Copper	107	0.97	"	97.4	8.39	101	60-147			
Lead	106	0.49	"	97.4	10.3	98.0	57-134			
Molybdenum	86.6	0.49	"	97.4	ND	88.9	59-121			
Nickel	108	0.24	"	97.4	11.1	99.6	40-154			
Selenium	87.8	1.9	"	97.4	ND	90.1	60-125			
Silver	4.39	0.49	"	4.87	ND	90.1	39-137			
Thallium	87.3	0.97	"	97.4	1.01	88.6	57-126			
Vanadium	121	0.97	"	97.4	21.2	102	67-137			
Zinc	119	0.97	"	97.4	23.3	98.3	45-151			

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Ventura CA, 93003 Project Manager: Nico Navarro 05/31/2019 12:54

### **Total Metals by ICP - Quality Control**

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B9D0587 - EPA 6010B Prepa	aration: EPA 3050B 04/19/1	9 15:06								
Matrix Spike Dup (B9D0587-MSD1)	Source: 1901966-29	A	Analyzed:	04/23/19	18:33					
Antimony	28.6	2.3	mg/kg	92.3	ND	31.0	10-103	14.3	20	
Arsenic	89.9	1.8	"	92.3	2.45	94.7	75-122	5.50	20	
Barium	163	0.92	"	92.3	60.8	111	23-186	1.77	20	
Beryllium	88.1	0.46	"	92.3	0.398	95.1	70-127	5.82	20	
Cadmium	87.5	0.23	"	92.3	ND	94.8	73-120	6.19	20	
Chromium	104	0.46	"	92.3	12.8	99.1	47-159	6.19	20	
Cobalt	95.8	0.46	"	92.3	5.42	97.9	67-125	4.58	20	
Copper	102	0.92	"	92.3	8.39	101	60-147	5.26	20	
Lead	97.0	0.46	"	92.3	10.3	94.0	57-134	8.58	20	
Molybdenum	81.7	0.46	"	92.3	ND	88.5	59-121	5.79	20	
Nickel	103	0.23	"	92.3	11.1	99.8	40-154	4.64	20	
Selenium	82.9	1.8	"	92.3	ND	89.8	60-125	5.73	20	
Silver	4.08	0.46	"	4.61	ND	88.4	39-137	7.30	20	
Thallium	82.6	0.92	"	92.3	1.01	88.4	57-126	5.57	20	
Vanadium	114	0.92	"	92.3	21.2	100	67-137	5.97	20	
Zinc	112	0.92	"	92.3	23.3	96.6	45-151	5.73	20	
Post Spike (B9D0587-PS1)	Source: 1901966-29	A	Analyzed:	04/23/19	18:35					
Antimony	89.7	2.5	mg/kg	99.4	ND	90.2	75-125			
Arsenic	96.3	2.0	"	99.4	2.45	94.4	75-125			
Barium	157	0.99	"	99.4	60.8	97.0	75-125			
Beryllium	93.0	0.50	"	99.4	0.398	93.2	75-125			
Cadmium	93.9	0.25	"	99.4	ND	94.5	75-125			
Chromium	106	0.50	"	99.4	12.8	93.7	75-125			
Cobalt	99.7	0.50	"	99.4	5.42	94.8	75-125			
Copper	105	0.99	"	99.4	8.39	97.2	75-125			
Lead	104	0.50	"	99.4	10.3	94.5	75-125			
Molybdenum	92.6	0.50	"	99.4	ND	93.2	75-125			
Nickel	105	0.25	"	99.4	11.1	94.3	75-125			
Selenium	90.4	2.0	"	99.4	ND	91.0	75-125			
Silver	4.32	0.50	"	4.97	ND	87.0	75-125			
Thallium	89.0	0.99	"	99.4	1.01	88.6	75-125			
Vanadium	114	0.99	"	99.4	21.2	93.4	75-125			
Zinc	117	0.99	"	99.4	23.3	94.1	75-125			

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Ventura CA, 93003 Project Manager: Nico Navarro 05/31/2019 12:54

### **Total Metals by ICP - Quality Control**

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B9E0122 - EPA 6010B P	reparation: EPA 3050B 05/06/19	9 08:31								
Blank (B9E0122-BLK1)		A	Analyzed:	05/06/19 1	14:11					
Arsenic	ND	2.0	mg/kg							
Barium	ND	1.0	"							
Chromium	ND	0.50	"							
Lead	ND	0.50	"							
Thallium	ND	1.0	"							
Zinc	ND	1.0	"							
LCS (B9E0122-BS1)		A	Analyzed:	05/06/19 1	14:00					
Arsenic	109	2.0	mg/kg	100		109	80-120			
Barium	113	1.0	"	100		113	80-120			
Chromium	112	0.50	"	100		112	80-120			
Lead	114	0.50	"	100		114	80-120			
Thallium	114	1.0	"	100		114	80-120			
Zinc	113	1.0	"	100		113	80-120			
LCS Dup (B9E0122-BSD1)		A	Analyzed:	05/06/19	14:13					
Arsenic	112	2.0	mg/kg	100		112	80-120	2.27	20	
Barium	113	1.0	"	100		113	80-120	0.0444	20	
Chromium	113	0.50	"	100		113	80-120	0.935	20	
Lead	116	0.50	"	100		116	80-120	1.13	20	
Thallium	108	1.0	"	100		108	80-120	5.61	20	
Zinc	115	1.0	"	100		115	80-120	1.23	20	
Duplicate (B9E0122-DUP1)	Source: 1902230-01	A	Analyzed:	05/06/19	14:19					
Arsenic	3.96	1.9	mg/kg		3.33			17.3	20	
Barium	84.3	0.96	"		82.0			2.79	20	
Chromium	12.5	0.48	"		14.3			13.1	20	
Lead	3.04	0.48	"		3.08			1.26	20	
Thallium	3.23	0.96	"		3.43			5.85	20	
Zinc	41.5	0.96	"		44.3			6.66	20	
Matrix Spike (B9E0122-MS1)	Source: 1902230-01	A	Analyzed:	05/06/19	14:16					
Arsenic	115	2.0	mg/kg	98.6	3.33	113	75-122			
Barium	197	0.99	"	98.6	82.0	116	23-186			
Chromium	124	0.49	"	98.6	14.3	112	47-159			
Lead	111	0.49	"	98.6	3.08	110	57-134			
Thallium	108	0.99	"	98.6	3.43	107	57-126			
Zinc	154	0.99	"	98.6	44.3	112	45-151			

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Ventura CA, 93003 Project Manager: Nico Navarro 05/31/2019 12:54

### **Total Metals by ICP - Quality Control**

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B9E0122 - EPA 6010B Prepa	aration: EPA 3050B 05/06/19	08:31								
Matrix Spike Dup (B9E0122-MSD1)	Source: 1902230-01	A	Analyzed:	05/06/19	14:29					
Arsenic	110	1.9	mg/kg	95.7	3.33	112	75-122	3.96	20	
Barium	189	0.96	"	95.7	82.0	112	23-186	4.14	20	
Chromium	120	0.48	"	95.7	14.3	110	47-159	3.65	20	
Lead	108	0.48	"	95.7	3.08	109	57-134	3.10	20	
Thallium	104	0.96	"	95.7	3.43	105	57-126	4.06	20	
Zinc	150	0.96	"	95.7	44.3	111	45-151	2.79	20	
Post Spike (B9E0122-PS1)	Source: 1902230-01	A	Analyzed:	05/06/19	14:21					
Arsenic	2.03		mg/L	2.00	0.0693	98.2	75-125			
Barium	3.70		"	2.00	1.71	99.7	75-125			
Chromium	2.24		"	2.00	0.298	96.9	75-125			
Lead	1.99		"	2.00	0.0642	96.5	75-125			
Thallium	1.91		"	2.00	0.0713	91.7	75-125			
Zinc	2.92		"	2.00	0.922	100	75-125			

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### STLC Metals by CVAA - Quality Control

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B9E0176 - STLC/EPA 7470A	Preparation: EPA 7471A	Leachate	05/07/	19 09:23						
Blank (B9E0176-BLK1)			,	05/07/19	13:11					
Mercury	ND	0.0010	mg/L							
LCS (B9E0176-BS1)		A	analyzed:	05/07/19	13:07					
Mercury	0.0510	0.0010	mg/L	0.0500		102	85-115			
LCS Dup (B9E0176-BSD1)		Α	analyzed:	05/07/19	13:09					
Mercury	0.0460	0.0010	mg/L	0.0500		92.0	85-115	10.2	20	
Duplicate (B9E0176-DUP1)	Source: 1901966-14	A	analyzed:	05/07/19	13:15					
Mercury	ND	0.0010	mg/L		ND				20	
Leach Fluid Blank (B9E0176-LBK1)		A	analyzed:	05/07/19	13:23					
Mercury	ND	0.0010	mg/L							
Matrix Spike (B9E0176-MS1)	Source: 1901966-14	A	analyzed:	05/07/19	13:17					
Mercury	0.0455	0.0010	mg/L	0.0500	ND	91.0	75-125			
Matrix Spike Dup (B9E0176-MSD1)	Source: 1901966-14	A	analyzed:	05/07/19	13:19					
Mercury	0.0502	0.0010	mg/L	0.0500	ND	100	75-125	9.88	20	
Post Spike (B9E0176-PS1)	Source: 1901966-14	A	nalyzed:	05/07/19	13:21					
Mercury	5.00		ug/L	5.00	0.0388	99.2	85-115			

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Zinc

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### STLC Metals by ICP - Quality Control

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B9E0157 - STLC/EPA 6010B	Preparation: EPA 3010A	Leachate	05/06/1	19 15:59						
Blank (B9E0157-BLK1)		Α	.nalyzed:	05/06/19	16:44					
Barium	ND	0.010	mg/L							
Chromium	ND	0.010	"							
Lead	ND	0.010	"							
Zinc	ND	0.050	"							
LCS (B9E0157-BS1)		A	.nalyzed:	05/06/19	16:49					
Barium	2.09	0.010	mg/L	2.00		104	80-120			
Chromium	2.09	0.010	"	2.00		104	80-120			
Lead	2.15	0.010	"	2.00		107	80-120			
Zinc	2.09	0.050	"	2.00		105	80-120			
LCS Dup (B9E0157-BSD1)		Α	.nalyzed:	05/06/19	16:52					
Barium	2.14	0.010	mg/L	2.00		107	80-120	2.46	20	
Chromium	2.13	0.010	"	2.00		107	80-120	2.04	20	
Lead	2.20	0.010	"	2.00		110	80-120	2.16	20	
Zinc	2.14	0.050	"	2.00		107	80-120	2.27	20	
Duplicate (B9E0157-DUP1)	Source: 1901966-08	Α	.nalyzed:	05/06/19	17:13					
Barium	13.0	0.050	mg/L		12.9			1.12	20	
Chromium	0.202	0.050	"		0.188			7.18	20	
Lead	102	0.050	"		101			0.494	20	
Zinc	29.9	0.25	"		29.6			0.840	20	
Leach Fluid Blank (B9E0157-LBK1)		Α	.nalyzed:	05/06/19	16:46					
Barium	0.155	0.050	mg/L							B-01
Chromium	ND	0.050	"							
Lead	ND	0.050	"							
Zinc	0.114	0.25	"							B-02
Matrix Spike (B9E0157-MS1)	Source: 1901966-08	Α	.nalyzed:	05/06/19	16:54					
Barium	23.3	0.050	mg/L	10.0	12.9	104	70-132			
Chromium	10.8	0.050	"	10.0	0.188	106	82-123			
Lead	111	0.050	"	10.0	101	102	79-121			

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0.25

10.0

29.6

105

72-140

40.2

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### **STLC Metals by ICP - Quality Control**

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B9E0157 - STLC/EPA 6010B	Preparation: EPA 3010A	Leachate	05/06/	19 15:59						
Matrix Spike Dup (B9E0157-MSD1)	Source: 1901966-08	A	nalyzed:	05/06/19	16:57					
Barium	23.2	0.050	mg/L	10.0	12.9	103	70-132	0.538	20	
Chromium	10.8	0.050	"	10.0	0.188	107	82-123	0.323	20	
Lead	111	0.050	"	10.0	101	98.0	79-121	0.360	20	
Zinc	40.0	0.25	"	10.0	29.6	104	72-140	0.299	20	

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### **TCLP Metals by ICP - Quality Control**

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B9E0076 - EPA 1311/EPA 60	10B Preparation: EPA 301	0A Leacl	nate 05/	02/19 14:	05					
Blank (B9E0076-BLK1)		A	analyzed:	05/02/19	15:10					
Chromium	ND		mg/L							
Lead	ND	0.010	"							
LCS (B9E0076-BS1)		A	analyzed:	05/02/19	15:15					
Chromium	2.11	0.010	mg/L	2.00		106	80-120			
Lead	2.14	0.010	"	2.00		107	80-120			
LCS Dup (B9E0076-BSD1)		A	nalyzed:	05/02/19	15:18					
Chromium	2.03	0.010	mg/L	2.00		102	80-120	3.76	20	
Lead	2.13	0.010	"	2.00		107	80-120	0.562	20	
Duplicate (B9E0076-DUP1)	Source: 1901966-08	A	analyzed:	05/02/19	15:39					
Chromium	ND	0.050	mg/L		ND				20	
Lead	0.811	0.050	"		0.828			2.07	20	
Leach Fluid Blank (B9E0076-LBK1)		A	analyzed:	05/02/19	15:12					
Chromium	ND	0.050	mg/L							
Lead	ND	0.050	"							
Matrix Spike (B9E0076-MS1)	Source: 1901966-08	A	analyzed:	05/02/19	15:20					
Chromium	10.4	0.050	mg/L	10.0	ND	104	82-123			
Lead	11.1	0.050	"	10.0	0.828	102	79-121			
Matrix Spike Dup (B9E0076-MSD1)	Source: 1901966-08	A	nalyzed:	05/02/19	15:31					
Chromium	10.4	0.050	mg/L	10.0	ND	104	82-123	0.240	20	
Lead	11.1	0.050	"	10.0	0.828	102	79-121	0.181	20	
Batch B9E0807 - EPA 1311/EPA 60	<b>10B</b> Preparation: EPA 301	0A Leacl	nate 05/	28/19 11:	37					
Blank (B9E0807-BLK1)			nalyzed:	05/28/19	13:17				·	
Lead	ND		mg/L	50.20,17						
LCS (B9E0807-BS1)		A	nalyzed:	05/28/19	12:59					
Lead	2.09	0.010	mg/L	2.00		105	80-120			
LCS Dup (B9E0807-BSD1)		A	analyzed:	05/28/19	13:02					
Lead	2.09		mg/L	2.00		105	80-120	0.00	20	
			-							

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Lead

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### **TCLP Metals by ICP - Quality Control**

Analyte	Result	RL Units	Spike Source Level Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B9E0807 - EPA 1311/EPA 6010	<b>DB</b> Preparation: EPA 301	0A Leachate 05	/28/19 11:37					
Duplicate (B9E0807-DUP1)	Source: 1901966-13	Analyzed	: 05/28/19 13:28					
Lead	ND	0.050 mg/L	0.0300				20	
Leach Fluid Blank (B9E0807-LBK1)		Analyzed	: 05/28/19 13:20					
Lead	ND	0.050 mg/L						
Matrix Spike (B9E0807-MS1)	Source: 1901966-13	Analyzed	: 05/28/19 13:04					
Lead	10.1	0.050 mg/L	10.0 0.0300	101	78-119			
Matrix Spike Dup (B9E0807-MSD1)	Source: 1901966-13	Analyzed	: 05/28/19 13:07					

0.050 mg/L

10.0

0.0300

101

78-119

0.691

20

10.2

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### Volatile Organic TPH by GC/FID - Quality Control

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B9D0596 - EPA 8015M Prep	paration: EPA 5035/5030B N	ИЕОН G	C 04/19	0/19 16:42	2					
Blank (B9D0596-BLK1)		A	nalyzed:	04/19/19	17:54					
TPH Gasoline (C4-C12)	ND	0.50	mg/kg							
Surrogate: 4-Bromofluorobenzene	0.109		"	0.125		87.5	36-163			
LCS (B9D0596-BS1)		A	nalyzed:	04/19/19	16:56					
TPH Gasoline (C4-C12)	0.477	0.50	mg/kg	0.498		95.9	64-161			
Surrogate: 4-Bromofluorobenzene	0.119		"	0.125		95.7	36-163			
LCS Dup (B9D0596-BSD1)		Α	nalyzed:	04/19/19	17:25					
TPH Gasoline (C4-C12)	0.484	0.50	mg/kg	0.499		96.9	64-161	1.27	20	
Surrogate: 4-Bromofluorobenzene	0.119		"	0.125		95.4	36-163			
Duplicate (B9D0596-DUP1)	Source: 1901966-01	A	nalyzed:	04/19/19	18:52					
TPH Gasoline (C4-C12)	ND	0.49	mg/kg		ND				20	
Surrogate: 4-Bromofluorobenzene	0.0940		"	0.122		76.8	36-163			
Matrix Spike (B9D0596-MS1)	Source: 1901966-01	A	nalyzed:	04/19/19 2	23:43					
TPH Gasoline (C4-C12)	0.237	0.50	mg/kg	0.498	ND	47.6	10-161			
Surrogate: 4-Bromofluorobenzene	0.109		"	0.125		87.3	36-163			
Matrix Spike Dup (B9D0596-MSD1)	Source: 1901966-01	Α	analyzed:	04/20/19	00:12					
TPH Gasoline (C4-C12)	0.293	0.49	mg/kg	0.488	ND	59.9	10-161	21.1	20	QR-02
Surrogate: 4-Bromofluorobenzene	0.105		"	0.122		86.2	36-163			
Batch B9D0618 - EPA 8015M Prep	paration: EPA 5035/5030B N	ИЕОН G	C 04/22	2/19 09:51	l					
Blank (B9D0618-BLK1)		A	nalyzed:	04/22/19	11:57					
TPH Gasoline (C4-C12)	ND	0.50	mg/kg							
Surrogate: 4-Bromofluorobenzene	0.107		"	0.125		85.9	36-163			
LCS (B9D0618-BS1)		Α	nalyzed:	04/22/19	10:59					
TPH Gasoline (C4-C12)	0.452	0.50	mg/kg	0.499		90.6	64-161			
Surrogate: 4-Bromofluorobenzene	0.117		"	0.125		93.4	36-163			
LCS Dup (B9D0618-BSD1)		A	nalyzed:	04/22/19	11:28					
TPH Gasoline (C4-C12)	0.454	0.50	mg/kg	0.500		90.7	64-161	0.332	20	
Surrogate: 4-Bromofluorobenzene	0.117		"	0.125		93.7	36-163			

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### Volatile Organic TPH by GC/FID - Quality Control

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B9D0618 - EPA 8015M Prep	paration: EPA 5035/5030B M	IEOH G	C 04/22	2/19 09:5	1					
Duplicate (B9D0618-DUP1)	Source: 1901890-02RE1	A	Analyzed:	04/22/19	12:55					
TPH Gasoline (C4-C12)	ND	0.50	mg/kg		ND				20	
Surrogate: 4-Bromofluorobenzene	0.0537		"	0.124		43.2	36-163			
Matrix Spike (B9D0618-MS1)	Source: 1901966-21	A	Analyzed:	04/23/19	08:46					
TPH Gasoline (C4-C12)	9.16	0.50	mg/kg	0.495	3.41	NR	10-161			QM-4X
Surrogate: 4-Bromofluorobenzene	19.7		"	0.124		NR	36-163			S-02
Matrix Spike Dup (B9D0618-MSD1)	Source: 1901966-21	A	Analyzed:	04/23/19	09:15					
TPH Gasoline (C4-C12)	3.96		mg/kg	0.499	3.41	110	10-161	79.3	20	QR-04
Surrogate: 4-Bromofluorobenzene	9.22		"	0.125		NR	36-163			S-02
Batch B9E0113 - EPA 8015M Prep	paration: EPA 5035/5030B M	EOH G	C 05/03	/19 15:32	2					
Blank (B9E0113-BLK1)		A	Analyzed:	05/04/19	01:34					
TPH Gasoline (C4-C12)	ND	0.50	mg/kg							
Surrogate: 4-Bromofluorobenzene	0.123		"	0.125		98.5	36-163			
LCS (B9E0113-BS1)		A	Analyzed:	05/04/19	00:36					
TPH Gasoline (C4-C12)	0.588	0.50	mg/kg	0.500		118	64-161			
Surrogate: 4-Bromofluorobenzene	0.129		"	0.125		103	36-163			
LCS Dup (B9E0113-BSD1)		A	Analyzed:	05/04/19	01:05					
TPH Gasoline (C4-C12)	0.600	0.50	mg/kg	0.500		120	64-161	2.01	20	
Surrogate: 4-Bromofluorobenzene	0.129		"	0.125		103	36-163			
Duplicate (B9E0113-DUP1)	Source: 1901966-07	A	Analyzed:	05/04/19	02:32					
TPH Gasoline (C4-C12)	ND	0.49	mg/kg		ND				20	
Surrogate: 4-Bromofluorobenzene	0.0774		"	0.123		63.2	36-163			
Matrix Spike (B9E0113-MS1)	Source: 1901966-07	A	Analyzed:	05/04/19	13:11					
TPH Gasoline (C4-C12)	0.351	0.50	mg/kg	0.500	ND	70.1	10-161			
Surrogate: 4-Bromofluorobenzene	0.106		"	0.125		84.6	36-163			
Matrix Spike Dup (B9E0113-MSD1)	Source: 1901966-07	A	Analyzed:	05/04/19	13:40					
TPH Gasoline (C4-C12)	0.274	0.49	mg/kg	0.490	ND	55.9	10-161	24.6	20	QR-02
Surrogate: 4-Bromofluorobenzene	0.104		"	0.123		85.0	36-163			

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### Semi-Volatile Organic TPH by GC/FID - Quality Control

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B9D0534 - EPA 8015M Prep	paration: EPA 3550C 04/18/	19 13:15	5							
Blank (B9D0534-BLK1)		A	nalyzed:	04/18/19	18:58					
TPH Diesel (C13-C22)	ND	10	mg/kg							
ΓPH Motor Oil (C23-C40)	ND	50	"							
Surrogate: o-Terphenyl	49.7		"	50.0		99.4	67-134			
LCS (B9D0534-BS1)		A	nalyzed:	04/18/19	18:00					
ΓPH Diesel (C13-C22)	509		mg/kg	500		102	74-125			
CPH Motor Oil (C23-C40)	533	50	"	500		107	84-125			
Surrogate: o-Terphenyl	49.6		"	50.0		99.2	67-134			
LCS Dup (B9D0534-BSD1)		Α	analyzed:	04/18/19	18:15					
ГРН Diesel (C13-C22)	515		mg/kg	500		103	74-125	1.12	20	
ΓPH Motor Oil (C23-C40)	532	50	"	500		106	84-125	0.284	20	
Surrogate: o-Terphenyl	47.5		"	50.0		95.1	67-134			
Ouplicate (B9D0534-DUP1)	Source: 1901966-23	A	analyzed:	04/18/19	16:48					
ΓPH Diesel (C13-C22)	ND	10	mg/kg		ND				20	
TPH Motor Oil (C23-C40)	ND	50	"		ND				20	
Surrogate: o-Terphenyl	49.0		"	49.9		98.2	67-134			
Matrix Spike (B9D0534-MS1)	Source: 1901966-23	A	analyzed:	04/18/19	18:29					
ΓPH Diesel (C13-C22)	519		mg/kg	499	ND	104	48-150			
TPH Motor Oil (C23-C40)	549	50	"	499	ND	110	78-136			
Surrogate: o-Terphenyl	49.3		"	49.9		98.9	67-134			
Matrix Spike Dup (B9D0534-MSD1)	Source: 1901966-23	A	analyzed:	04/18/19	18:44					
ΓPH Diesel (C13-C22)	510	10	•	498	ND	102	48-150	1.76	20	
ΓPH Motor Oil (C23-C40)	552	50	"	498	ND	111	78-136	0.525	20	
Surrogate: o-Terphenyl	49.1		"	49.8		98.5	67-134			
Batch B9D0549 - EPA 8015M Prep	paration: EPA 3550C 04/18/	19 15:58	3							
Blank (B9D0549-BLK1)				04/18/19	21.50					
ΓPH Diesel (C13-C22)	ND		mg/kg	U <del>7</del> /10/17	21.30					
ΓPH Motor Oil (C23-C40)	ND ND	50	mg/kg							
` /	49.1	50	"	50.0		98.2	67-134			
Surrogate: o-Terphenyl	49.1			50.0		90.2	0/-134			

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Rincon ConsultantsProject:Ortega ParkWO & Reported:180 N. Ashwood Ave.Project Number:18-06506/604 E. Ortega St., Santa Barbara, CA1901966Ventura CA, 93003Project Manager:Nico Navarro05/31/2019 12:54

### Semi-Volatile Organic TPH by GC/FID - Quality Control

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B9D0549 - EPA 8015M Prep	paration: EPA 3550C 04/18/	19 15:58	3							
LCS (B9D0549-BS1)		A	Analyzed:	04/18/19	20:52					
TPH Diesel (C13-C22)	508	10	mg/kg	500		102	74-125			
TPH Motor Oil (C23-C40)	532	50	"	500		106	84-125			
Surrogate: o-Terphenyl	49.6		"	50.0		99.1	67-134			
LCS Dup (B9D0549-BSD1)		A	Analyzed:	04/18/19	21:07					
TPH Diesel (C13-C22)	495	10	mg/kg	500		98.9	74-125	2.61	20	
TPH Motor Oil (C23-C40)	521	50	"	500		104	84-125	2.03	20	
Surrogate: o-Terphenyl	48.2		"	50.0		96.4	67-134			
Duplicate (B9D0549-DUP1)	Source: 1901966-35	A	Analyzed:	04/18/19	22:05					
TPH Diesel (C13-C22)	ND	9.9	mg/kg		ND				20	
TPH Motor Oil (C23-C40)	ND	50	"		ND				20	
Surrogate: o-Terphenyl	49.2		"	49.7		99.1	67-134			
Matrix Spike (B9D0549-MS1)	Source: 1901966-35	A	Analyzed:	04/18/19	21:21					
TPH Diesel (C13-C22)	499	10	-	499	ND	100	48-150			
TPH Motor Oil (C23-C40)	532	50	"	499	ND	107	78-136			
Surrogate: o-Terphenyl	47.1		"	49.9		94.6	67-134			
Matrix Spike Dup (B9D0549-MSD1)	Source: 1901966-35	A	Analyzed:	04/18/19	21:36					
TPH Diesel (C13-C22)	492	9.9	mg/kg	496	ND	99.3	48-150	1.52	20	
TPH Motor Oil (C23-C40)	513	50	"	496	ND	103	78-136	3.67	20	
Surrogate: o-Terphenyl	48.1		"	49.6		97.0	67-134			
Batch B9E0073 - EPA 8015M Prep	paration: EPA 3550C 05/02/	19 15:57	7							
Blank (B9E0073-BLK1)				05/02/10	17.56					
TPH Diesel (C13-C22)	ND	10	•	05/02/19	17:30					
TPH Motor Oil (C23-C40)	ND ND	50	mg/kg							
Surrogate: o-Terphenyl	42.2	50	"	50.0		84.4	67-134			
	, 2.2					J 1. 1	0, 10,			
LCS (B9E0073-BS1)			-	05/03/19	12:28					
TPH Diesel (C13-C22)	511		mg/kg	500		102	74-125			
TPH Motor Oil (C23-C40)	520	50	"	500		104	84-125			
Surrogate: o-Terphenyl	50.5		"	50.0		101	67-134			

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Rincon Consultants Project: Ortega Park WO & Reported: 180 N. Ashwood Ave. Project Number: 18-06506/604 E. Ortega St., Santa Barbara, CA 1901966
Ventura CA, 93003 Project Manager: Nico Navarro 05/31/2019 12:54

### Semi-Volatile Organic TPH by GC/FID - Quality Control

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B9E0073 - EPA 8015M Pr	reparation: EPA 3550C 05/02/1	19 15:57	1							
LCS Dup (B9E0073-BSD1)		A	analyzed:	05/03/19	12:42					
TPH Diesel (C13-C22)	505	10	mg/kg	500		101	74-125	1.17	20	
TPH Motor Oil (C23-C40)	519	50	"	500		104	84-125	0.241	20	
Surrogate: o-Terphenyl	50.0		"	50.0		100	67-134			
Duplicate (B9E0073-DUP1)	Source: 1902231-06	A	analyzed:	05/02/19	18:10					
TPH Diesel (C13-C22)	ND	10	mg/kg		ND				20	
TPH Motor Oil (C23-C40)	ND	50	"		ND				20	
Surrogate: o-Terphenyl	41.2		"	49.8		82.8	67-134			
Matrix Spike (B9E0073-MS1)	Source: 1902231-06	A	analyzed:	05/02/19	17:27					
TPH Diesel (C13-C22)	439	9.9	mg/kg	497	ND	88.5	48-150			
TPH Motor Oil (C23-C40)	432	50	"	497	ND	87.0	78-136			
Surrogate: o-Terphenyl	42.2		"	49.7		85.1	67-134			
Matrix Spike Dup (B9E0073-MSD1)	Source: 1902231-06	A	nalyzed:	05/02/19	17:42					
TPH Diesel (C13-C22)	429	10	mg/kg	499	ND	86.0	48-150	2.30	20	
TPH Motor Oil (C23-C40)	421	50	"	499	ND	84.5	78-136	2.42	20	
Surrogate: o-Terphenyl	43.0		"	49.9		86.1	67-134			

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### Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	RL	Units	Spike	Source	%REC	%REC	RPD	RPD	Notes
				Level	Result		Limits		Limit	

Blank (B9D0564-BLK1)		A	analyzed: 04/19/19 12:00
t-Amyl Methyl Ether	ND	0.0050	mg/kg
Benzene	ND	0.0050	"
Bromobenzene	ND	0.0050	"
Bromochloromethane	ND	0.0050	"
Bromodichloromethane	ND	0.0050	m .
Bromoform	ND	0.0050	m .
Bromomethane	ND	0.0050	"
t-Butyl alcohol	ND	0.10	"
n-Butylbenzene	ND	0.0050	"
sec-Butylbenzene	ND	0.0050	"
tert-Butylbenzene	ND	0.0050	"
Carbon tetrachloride	ND	0.0050	"
Chlorobenzene	ND	0.0050	m .
Chloroethane	ND	0.0050	m .
Chloroform	ND	0.0050	"
Chloromethane	ND	0.0050	"
2-Chlorotoluene	ND	0.0050	"
4-Chlorotoluene	ND	0.0050	"
Dibromochloromethane	ND	0.0050	"
1,2-Dibromo-3-chloropropane	ND	0.0050	"
1,2-Dibromoethane (EDB)	ND	0.0050	"
Dibromomethane	ND	0.0050	"
1,2-Dichlorobenzene	ND	0.0050	"
1,3-Dichlorobenzene	ND	0.0050	"
1,4-Dichlorobenzene	ND	0.0050	"
Dichlorodifluoromethane	ND	0.0050	"
1,1-Dichloroethane	ND ND	0.0050	"
1,2-Dichloroethane	ND ND	0.0050	"
1,1-Dichloroethene	ND ND	0.0050	"
cis-1,2-Dichloroethene	ND ND	0.0050	"
trans-1,2-Dichloroethene			"
	ND	0.0050	"
1,2-Dichloropropane	ND	0.0050	"
1,3-Dichloropropane	ND	0.0050	"
2,2-Dichloropropane	ND	0.0050	
1,1-Dichloropropene	ND	0.0050	"
cis-1,3-Dichloropropene	ND	0.0050	"
trans-1,3-Dichloropropene	ND	0.0050	"
Diisopropyl Ether	ND	0.0050	"
Ethanol	ND	4.0	"
Ethyl t-Butyl Ether	ND	0.0050	"
Ethylbenzene	ND	0.0050	"
Hexachlorobutadiene	ND	0.0050	"
4-Isopropyl Toluene	ND	0.0050	"

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### Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	RL	Units	Spike	Source	%REC	%REC	RPD	RPD	Notes
				Level	Result		Limits		Limit	

**Batch B9D0564 - EPA 8260B** Preparation: EPA 5035/5030B MEOH 04/19/19 09:11

Blank (B9D0564-BLK1)		A	Analyzed:	04/19/19 12:00		
Isopropylbenzene	ND	0.0050	-			
Methylene chloride	ND	0.0050	"			
Methyl-t-butyl ether	ND	0.0050	"			
Naphthalene	ND	0.0050	"			
n-Propylbenzene	ND	0.0050	"			
Styrene	ND	0.0050	"			
1,1,1,2-Tetrachloroethane	ND	0.0050	"			
1,1,2,2-Tetrachloroethane	ND	0.0050	"			
Tetrachloroethene (PCE)	ND	0.0050	"			
Toluene	ND	0.0050	"			
1,2,3-Trichlorobenzene	ND	0.0050	"			
1,2,4-Trichlorobenzene	ND	0.0050	"			
1,1,1-Trichloroethane	ND	0.0050	"			
1,1,2-Trichloroethane	ND	0.0050	"			
Trichloroethene (TCE)	ND	0.0050	"			
Trichlorofluoromethane	ND	0.0050	"			
1,2,3-Trichloropropane	ND	0.0050	"			
1,2,4-Trimethylbenzene	ND	0.0050	"			
1,3,5-Trimethylbenzene	ND	0.0050	"			
Vinyl chloride	ND	0.0050	"			
Xylenes (total)	ND	0.0050	"			
Surrogate: Dibromofluoromethane	0.0416		"	0.0499	83.4	73-132
Surrogate: Toluene-d8	0.0497		"	0.0499	99.6	70-126
Surrogate: 4-Bromofluorobenzene	0.0497		"	0.0499	99.6	78-118
LCS (B9D0564-BS1)		A	Analyzed:	04/19/19 10:04		
Benzene	0.0217	0.0050	mg/kg	0.0199	109	74-135
Chlorobenzene	0.0235	0.0050	"	0.0199	118	79-130
1,1-Dichloroethene	0.0184	0.0050	"	0.0199	92.2	40-158
Toluene	0.0227	0.0050	"	0.0199	114	70-137
Trichloroethene (TCE)	0.0229	0.0050	"	0.0199	115	79-142
Surrogate: Dibromofluoromethane	0.0430		"	0.0498	86.4	73-132
Surrogate: Toluene-d8	0.0495		"	0.0498	99.4	70-126
Surrogate: 4-Bromofluorobenzene	0.0496		"	0.0498	99.7	78-118

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Ventura CA, 93003 Project Manager: Nico Navarro 05/31/2019 12:54

### Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B9D0564 - EPA 8260B Preparation:	EPA 5035/5030B	MEOH 0	4/19/19	09:11						
LCS Dup (B9D0564-BSD1)		A	Analyzed:	04/19/19	10:33					
Benzene	0.0214	0.0050	-	0.0200		107	74-135	1.28	20	
Chlorobenzene	0.0236	0.0050	"	0.0200		118	79-130	0.707	20	
1,1-Dichloroethene	0.0180	0.0050	"	0.0200		90.4	40-158	1.77	20	
Toluene	0.0225	0.0050	"	0.0200		113	70-137	1.21	20	
Trichloroethene (TCE)	0.0227	0.0050	"	0.0200		114	79-142	0.850	20	
Surrogate: Dibromofluoromethane	0.0447		"	0.0499		89.6	73-132			
Surrogate: Toluene-d8	0.0496		"	0.0499		99.4	70-126			
Surrogate: 4-Bromofluorobenzene	0.0515		"	0.0499		103	78-118			
						103	,0 110			
1 '	ce: 1901966-06			04/19/19					20	
t-Amyl Methyl Ether	ND	0.0050	mg/kg		ND				20	
Benzene	ND	0.0050	"		ND				20	
Bromobenzene	ND	0.0050	"		ND				20	
Bromochloromethane	ND	0.0050			ND				20	
Bromodichloromethane	ND	0.0050	"		ND				20	
Bromoform	ND	0.0050	"		ND				20	
Bromomethane	ND	0.0050	"		ND				20	
t-Butyl alcohol	ND	0.099	"		ND				20	
n-Butylbenzene	ND	0.0050	"		ND				20	
sec-Butylbenzene	ND	0.0050	"		ND				20	
tert-Butylbenzene	ND	0.0050	"		ND				20	
Carbon tetrachloride	ND	0.0050	"		ND				20	
Chlorobenzene	ND	0.0050	"		ND				20	
Chloroethane	ND	0.0050	"		ND				20	
Chloroform	ND	0.0050	"		ND				20	
Chloromethane	ND	0.0050	"		ND				20	
2-Chlorotoluene	ND	0.0050	"		ND				20	
4-Chlorotoluene	ND	0.0050	"		ND				20	
Dibromochloromethane	ND	0.0050	"		ND				20	
1,2-Dibromo-3-chloropropane	ND	0.0050	"		ND				20	
1,2-Dibromoethane (EDB)	ND	0.0050	"		ND				20	
Dibromomethane	ND	0.0050	"		ND				20	
1,2-Dichlorobenzene	ND	0.0050	"		ND				20	
1,3-Dichlorobenzene	ND	0.0050	"		ND				20	
1,4-Dichlorobenzene	ND	0.0050	"		ND				20	
Dichlorodifluoromethane	ND	0.0050	"		ND				20	
1,1-Dichloroethane	ND	0.0050	"		ND				20	
1,2-Dichloroethane	ND	0.0050	"		ND				20	
1,1-Dichloroethene	ND	0.0050	"		ND				20	
cis-1,2-Dichloroethene	ND	0.0050	"		ND				20	
trans-1,2-Dichloroethene	ND	0.0050	"		ND				20	
1,2-Dichloropropane	ND	0.0050	"		ND				20	
1,3-Dichloropropane	ND	0.0050	"		ND				20	

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Analyte

Xylenes (total)

Surrogate: Dibromofluoromethane

Surrogate: 4-Bromofluorobenzene

Surrogate: Toluene-d8

## Oilfield Environmental & Compliance, Inc.

%REC

Limits

RPD

Limit

20

Notes

Rincon ConsultantsProject:Ortega ParkWO & Reported:180 N. Ashwood Ave.Project Number:18-06506/604 E. Ortega St., Santa Barbara, CA1901966Ventura CA, 93003Project Manager:Nico Navarro05/31/2019 12:54

### **Volatile Organic Compounds by GC/MS - Quality Control**

RL Units

Result

Spike Level

Source

Result

ouplicate (B9D0564-DUP1)	Source: 1901966-06	A	nalyzed: 04/19	9/19 14:00		
,2-Dichloropropane	ND	0.0050	mg/kg	ND		20
,1-Dichloropropene	ND	0.0050	"	ND		20
is-1,3-Dichloropropene	ND	0.0050	"	ND		20
ans-1,3-Dichloropropene	ND	0.0050	"	ND		20
Diisopropyl Ether	ND	0.0050	"	ND		20
thanol	ND	4.0	"	ND		20
thyl t-Butyl Ether	ND	0.0050	"	ND		20
thylbenzene	ND	0.0050	"	ND		20
lexachlorobutadiene	ND	0.0050	"	ND		20
-Isopropyl Toluene	0.0991	0.0050	"	0.121	19.5	20
sopropylbenzene	ND	0.0050	"	ND		20
lethylene chloride	ND	0.0050	"	ND		20
lethyl-t-butyl ether	ND	0.0050	"	ND		20
aphthalene	ND	0.0050	"	ND		20
-Propylbenzene	ND	0.0050	"	ND		20
tyrene	ND	0.0050	"	ND		20
,1,1,2-Tetrachloroethane	ND	0.0050	"	ND		20
,1,2,2-Tetrachloroethane	ND	0.0050	"	ND		20
etrachloroethene (PCE)	ND	0.0050	"	ND		20
oluene	ND	0.0050	"	ND		20
,2,3-Trichlorobenzene	ND	0.0050	"	ND		20
,2,4-Trichlorobenzene	ND	0.0050	"	ND		20
,1,1-Trichloroethane	ND	0.0050	"	ND		20
,1,2-Trichloroethane	ND	0.0050	"	ND		20
richloroethene (TCE)	ND	0.0050	"	ND		20
richlorofluoromethane	ND	0.0050	"	ND		20
,2,3-Trichloropropane	ND	0.0050	"	ND		20
,2,4-Trimethylbenzene	ND	0.0050	"	ND		20
3,5-Trimethylbenzene	ND	0.0050	"	ND		20
inyl chloride	ND	0.0050	"	ND		20

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ND

0.0418

0.0490

0.0495

0.0050

0.0496

0.0496

0.0496

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84.2

98.7

99.8

73-132

70-126

78-118

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Blank (B9D0578-BLK2)

## Oilfield Environmental & Compliance, Inc.

Rincon Consultants Project: Ortega Park WO & Reported: 180 N. Ashwood Ave. Project Number: 18-06506/604 E. Ortega St., Santa Barbara, CA 1901966
Ventura CA, 93003 Project Manager: Nico Navarro 05/31/2019 12:54

### Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

### **Batch B9D0564 - EPA 8260B** Preparation: EPA 5035/5030B MEOH 04/19/19 09:11

Matrix Spike (B9D0564-MS1)	Source: 1901966-08	A	Analyzed:	04/19/19 1	9:49		
Benzene	0.0410	0.0050	mg/kg	0.0398	ND	103	40-148
Chlorobenzene	0.0424	0.0050	"	0.0398	ND	106	37-149
1,1-Dichloroethene	0.0358	0.0050	"	0.0398	ND	89.9	10-169
Toluene	0.0420	0.0050	"	0.0398	ND	105	37-149
Trichloroethene (TCE)	0.0441	0.0050	"	0.0398	ND	111	34-162
Surrogate: Dibromofluoromethane	0.0491		"	0.0498		98.6	73-132
Surrogate: Toluene-d8	0.0501		"	0.0498		101	70-126
Surrogate: 4-Bromofluorobenzene	0.0504		"	0.0498		101	78-118

Analyzed: 04/19/19 17:11

### **Batch B9D0578 - EPA 8260B** Preparation: EPA 5035/5030B MEOH 04/19/19 14:05

ND	0.0050	mg/kg	
ND	0.0050	"	
ND	0.099	"	
ND	0.0050	"	
	ND N	ND 0.0050	ND 0.0050 "

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Ventura CA, 93003 Project Manager: Nico Navarro 05/31/2019 12:54

### Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	RL	Units	Spike	Source	%REC	%REC	RPD	RPD	Notes
				Level	Result		Limits		Limit	

Ratch R9D0578 - EPA 8260	R Preparation: EPA	4 5035/5030B MEOH	04/19/19 14:05

Blank (B9D0578-BLK2)		A	nalyzed: (	4/19/19 17:11			
1,2-Dichloropropane	ND	0.0050	mg/kg				
1,3-Dichloropropane	ND	0.0050	"				
2,2-Dichloropropane	ND	0.0050	"				
1,1-Dichloropropene	ND	0.0050	"				
cis-1,3-Dichloropropene	ND	0.0050	"				
trans-1,3-Dichloropropene	ND	0.0050	"				
Diisopropyl Ether	ND	0.0050	"				
Ethanol	ND	4.0	"				
Ethyl t-Butyl Ether	ND	0.0050	"				
Ethylbenzene	ND	0.0050	"				
Hexachlorobutadiene	ND	0.0050	"				
4-Isopropyl Toluene	ND	0.0050	"				
Isopropylbenzene	ND	0.0050	"				
Methylene chloride	ND	0.0050	"				
Methyl-t-butyl ether	ND	0.0050	"				
Naphthalene	ND	0.0050	"				
n-Propylbenzene	ND	0.0050	"				
Styrene	ND	0.0050	"				
1,1,1,2-Tetrachloroethane	ND	0.0050	"				
1,1,2,2-Tetrachloroethane	ND	0.0050	"				
Tetrachloroethene (PCE)	ND	0.0050	"				
Toluene	ND	0.0050	"				
1,2,3-Trichlorobenzene	ND	0.0050	"				
1,2,4-Trichlorobenzene	ND	0.0050	"				
1,1,1-Trichloroethane	ND	0.0050	"				
1,1,2-Trichloroethane	ND	0.0050	"				
Trichloroethene (TCE)	ND	0.0050	"				
Trichlorofluoromethane	ND	0.0050	"				
1,2,3-Trichloropropane	ND	0.0050	"				
1,2,4-Trimethylbenzene	ND	0.0050	"				
1,3,5-Trimethylbenzene	ND	0.0050	"				
Vinyl chloride	ND	0.0050	"				
Xylenes (total)	ND	0.0050	"				
Surrogate: Dibromofluoromethane	0.0509		"	0.0495	103	73-132	
Surrogate: Toluene-d8	0.0516			0.0495	104	70-126	
Surrogate: 4-Bromofluorobenzene	0.0490			0.0495	98.9	78-118	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Rincon Consultants Project: Ortega Park WO & Reported: 180 N. Ashwood Ave. Project Number: 18-06506/604 E. Ortega St., Santa Barbara, CA 1901966
Ventura CA, 93003 Project Manager: Nico Navarro 05/31/2019 12:54

### **Volatile Organic Compounds by GC/MS - Quality Control**

Analyzed: 04/19/19   14:24   10:08	yte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Seazene	h B9D0578 - EPA 8260B Prepa	ration: EPA 5035/5030B	MEOH 0	4/19/19	14:05						
Chlorobenzene	(B9D0578-BS1)		A	Analyzed:	04/19/19	14:24					
	ene	0.0432	0.0050	mg/kg	0.0399		108	74-135			
Comparison   Com	obenzene	0.0406	0.0050	"	0.0399		102	79-130			
Surrogate: Dibromofluoromethane   CTC    Colore   Colore   Colore   CTC											
Surrogate: Dibromofluoromethane   0.0509   " 0.0499   101   70-126   102   73-132   102   102   103   78-118   103   103   78-118   103											
Surrogate: Dilumen-data	oroethene (TCE)	0.0395	0.0050		0.0399		98.9	79-142			
Surrogate: 4-Bromofluorobenzene   0.0515   " 0.0499   103   78-118   101   102   102   103   101   102   103   101   102   103   1	rogate: Dibromofluoromethane	0.0509			0.0499		102	73-132			
CCS Dup (B9D0578-BSD1)	rogate: Toluene-d8	0.0506			0.0499		101	70-126			
Senzene	rogate: 4-Bromofluorobenzene	0.0515		"	0.0499		103	78-118			
Chlorobenzene	Dup (B9D0578-BSD1)		A	Analyzed:	04/19/19	14:52					
	ene	0.0453	0.0050	mg/kg	0.0399		114	74-135	4.78	20	
Frichloroethene (TCE)	obenzene	0.0449	0.0050	"	0.0399		112	79-130	10.1	20	
Carichloroethene (TCE)	ichloroethene	0.0376	0.0050	"	0.0399		94.2	40-158	3.13	20	
Surrogate: Dibromofluoromethane   0.0505   " 0.0499   101   73-132   110   70-126   101	ne	0.0422	0.0050	"	0.0399		106	70-137	8.39	20	
Surrogate: Dibromofiluorometinane         0.0303         0.0499         101         73-132           Surrogate: Tolluene-d8         0.0496         " 0.0499         99.4         70-126           Surrogate: 4-Bromofluorobenzene         0.0509         Analyzed: 0.0499         102         78-118           Matrix Spike (B9D0578-MS1)         Source: 1901966-39         Analyzed: 0.041919 21:47         37-149           Chlorobenzene         0.0270         0.0050         " 0.0399         ND         95.0         40-148           Chlorobenzene         0.0270         0.0050         " 0.0399         ND         88.3         10-169           In-Dichloroethene         0.0352         0.0050         " 0.0399         ND         88.3         10-169           In-Dichloroethene (TCE)         0.0322         0.0050         " 0.0399         ND         80.7         34-162           Surrogate: Dibromofluoromethane         0.0524         " 0.0499         105         73-132           Surrogate: Toluene-d8         0.0511         " 0.0499         97.6         78-118           Matrix Spike Dup (B9D0578-MSD1)         Source: 1901966-39         Analyzed: 0.041919 22:15         38-18           Benzene         0.0440         0.0050         mg/kg         0.0398	oroethene (TCE)	0.0468	0.0050	"	0.0399		117	79-142	17.0	20	
Surrogate: 101ene-eac	rogate: Dibromofluoromethane	0.0505		"	0.0499		101	73-132			
Matrix Spike (B9D0578-MS1) Source: 1901966-39 Analyzed: 04/19/19 21:47  Benzene 0.0379 0.0050 mg/kg 0.0399 ND 95.0 40-148 Chlorobenzene 0.0270 0.0050 " 0.0399 ND 67.7 37-149 L,1-Dichloroethene 0.0352 0.0050 " 0.0399 ND 88.3 10-169 Foluene 0.0300 0.0050 " 0.0399 ND 75.2 37-149 Frichloroethene (TCE) 0.0322 0.0050 " 0.0399 ND 80.7 34-162 Surrogate: Dibromofluoromethane 0.0524 " 0.0499 ND 80.7 34-162 Surrogate: Toluene-d8 0.0511 " 0.0499 102 70-126 Surrogate: 4-Bromofluorobenzene 0.0487 " 0.0499 97.6 78-118  Matrix Spike Dup (B9D0578-MSD1) Source: 1901966-39 Analyzed: 04/19/19 22:15  Benzene 0.0440 0.0050 mg/kg 0.0398 ND 111 40-148 14.9 20 Chlorobenzene 0.0307 0.0050 " 0.0398 ND 77.2 37-149 12.7 20 L,1-Dichloroethene (TCE) 0.0327 0.0050 " 0.0398 ND 109 10-169 20.6 20 Foluene 0.0327 0.0050 " 0.0398 ND 109 10-169 20.6 20 Foluene (TCE) 0.0403 0.0050 " 0.0398 ND 101 34-162 22.2 20 Surrogate: Dibromofluoromethane 0.0528 " 0.0497 106 73-132	rogate: Toluene-d8	0.0496		"	0.0499		99.4	70-126			
Senzene   0.0379   0.0050   mg/kg   0.0399   ND   95.0   40-148   Chlorobenzene   0.0270   0.0050   "   0.0399   ND   67.7   37-149   Chlorobenzene   0.0352   0.0050   "   0.0399   ND   88.3   10-169   Chlorobenzene   0.0300   0.0050   "   0.0399   ND   75.2   37-149   Chlorobenzene   0.0300   0.0050   "   0.0399   ND   80.7   34-162   Chlorobenzene   0.0524   "   0.0499   ND   ND   ND   ND   ND   ND   ND	rogate: 4-Bromofluorobenzene	0.0509		"	0.0499		102	78-118			
Chlorobenzene 0.0270 0.0050 " 0.0399 ND 67.7 37-149 12.7 20 Surrogate: Dibromofluoromethane 0.0433 0.0050 " 0.0398 ND 111 40-148 14.9 20 Chlorobenzene 0.0433 0.0050 " 0.0398 ND 10 10-169 20.6 20 Surrogate: Dibromofluoromethane 0.0433 0.0050 " 0.0398 ND 10 11 34-162 22.2 20 Surrogate: Dibromofluoromethane 0.0403 0.0050 " 0.0398 ND 10 11 34-162 22.2 20 Surrogate: Dibromofluoromethane 0.0524 " 0.0499 105 73-132 11 11 11 11 11 11 11 11 11 11 11 11 11	ix Spike (B9D0578-MS1)	Source: 1901966-39	A	Analyzed:	04/19/19 2	21:47					
1,1-Dichloroethene	ene	0.0379	0.0050	mg/kg	0.0399	ND	95.0	40-148			
Toluene	obenzene	0.0270	0.0050	"	0.0399	ND	67.7	37-149			
Frichloroethene (TCE) 0.0322 0.0050 " 0.0399 ND 80.7 34-162  Surrogate: Dibromofluoromethane 0.0524 " 0.0499 105 73-132  Surrogate: Toluene-d8 0.0511 " 0.0499 102 70-126  Surrogate: 4-Bromofluorobenzene 0.0487 " 0.0499 97.6 78-118  Matrix Spike Dup (B9D0578-MSD1) Source: 1901966-39 Analyzed: 04/19/19 22:15  Benzene 0.0440 0.0050 mg/kg 0.0398 ND 111 40-148 14.9 20  Chlorobenzene 0.0307 0.0050 " 0.0398 ND 77.2 37-149 12.7 20  1,1-Dichloroethene 0.0433 0.0050 " 0.0398 ND 109 10-169 20.6 20  Foluene 0.0327 0.0050 " 0.0398 ND 109 10-169 20.6 20  Frichloroethene (TCE) 0.0403 0.0050 " 0.0398 ND 101 34-162 22.2 20  Surrogate: Dibromofluoromethane 0.0528 " 0.0497 106 73-132	ichloroethene	0.0352	0.0050	"	0.0399	ND	88.3	10-169			
Surrogate: Dibromofluoromethane         0.0524         " 0.0499         105         73-132           Surrogate: Toluene-d8         0.0511         " 0.0499         102         70-126           Surrogate: 4-Bromofluorobenzene         0.0487         " 0.0499         97.6         78-118           Matrix Spike Dup (B9D0578-MSD1)         Source: 1901966-39         Analyzed: 04/19/19 22:15           Benzene         0.0440         0.0050         mg/kg         0.0398         ND         111         40-148         14.9         20           Chlorobenzene         0.0307         0.0050         " 0.0398         ND         77.2         37-149         12.7         20           1,1-Dichloroethene         0.0433         0.0050         " 0.0398         ND         109         10-169         20.6         20           Foluene         0.0327         0.0050         " 0.0398         ND         101         34-162         22.2         20           Surrogate: Dibromofluoromethane         0.0528         " 0.0497         106         73-132         20	ne	0.0300	0.0050	"	0.0399	ND	75.2	37-149			
Surrogate: Dioromojiuoromeinane	oroethene (TCE)	0.0322	0.0050	"	0.0399	ND	80.7	34-162			
Surrogate: 101uene-a8 Surrogate: 4-Bromofluorobenzene  0.0487  0.0499  97.6  78-118  Matrix Spike Dup (B9D0578-MSD1) Source: 1901966-39  Analyzed: 04/19/19 22:15  Benzene 0.0440 0.0050 mg/kg 0.0398 ND 111 40-148 14.9 20 Chlorobenzene 0.0307 0.0050 " 0.0398 ND 77.2 37-149 12.7 20 1,1-Dichloroethene 0.0433 0.0050 " 0.0398 ND 109 10-169 20.6 20 Foluene 0.0327 0.0050 " 0.0398 ND 82.3 37-149 8.62 20 Frichloroethene (TCE) 0.0403 0.0050 " 0.0398 ND 101 34-162 22.2 20 Surrogate: Dibromofluoromethane	rogate: Dibromofluoromethane	0.0524		"	0.0499		105	73-132			
Matrix Spike Dup (B9D0578-MSD1) Source: 1901966-39 Analyzed: 04/19/19 22:15  Benzene 0.0440 0.0050 mg/kg 0.0398 ND 111 40-148 14.9 20  Chlorobenzene 0.0307 0.0050 " 0.0398 ND 77.2 37-149 12.7 20  1,1-Dichloroethene 0.0433 0.0050 " 0.0398 ND 109 10-169 20.6 20  Foluene 0.0327 0.0050 " 0.0398 ND 82.3 37-149 8.62 20  Frichloroethene (TCE) 0.0403 0.0050 " 0.0398 ND 101 34-162 22.2 20  Surrogate: Dibromofluoromethane 0.0528 " 0.0497 106 73-132	rogate: Toluene-d8	0.0511		"	0.0499		102	70-126			
Benzene         0.0440         0.0050 mg/kg         0.0398 ND         ND         111 40-148 14.9         20 Chlorobenzene           Chlorobenzene         0.0307 0.0050 " 0.0398 ND         77.2 37-149 12.7         20 Chlorobenzene           1,1-Dichloroethene         0.0433 0.0050 " 0.0398 ND         109 10-169 20.6 20 Chloroethene         20 Chloroethene           Foluene         0.0327 0.0050 " 0.0398 ND         ND         82.3 37-149 8.62 20 Chloroethene         20 Chloroethene (TCE)           Surrogate: Dibromofluoromethane         0.0528 " 0.0497 10.0497 106 73-132         106 73-132         73-132	rogate: 4-Bromofluorobenzene	0.0487		"	0.0499		97.6	78-118			
Chlorobenzene 0.0307 0.0050 " 0.0398 ND 77.2 37-149 12.7 20 1,1-Dichloroethene 0.0433 0.0050 " 0.0398 ND 109 10-169 20.6 20 Toluene 0.0327 0.0050 " 0.0398 ND 82.3 37-149 8.62 20 Trichloroethene (TCE) 0.0403 0.0050 " 0.0398 ND 101 34-162 22.2 20 Surrogate: Dibromofluoromethane 0.0528 " 0.0497 106 73-132	ix Spike Dup (B9D0578-MSD1)	Source: 1901966-39	A	Analyzed:	04/19/19 2	22:15					
Chlorobenzene 0.0307 0.0050 " 0.0398 ND 77.2 37-149 12.7 20 1,1-Dichloroethene 0.0433 0.0050 " 0.0398 ND 109 10-169 20.6 20 Toluene 0.0327 0.0050 " 0.0398 ND 82.3 37-149 8.62 20 Trichloroethene (TCE) 0.0403 0.0050 " 0.0398 ND 101 34-162 22.2 20 Surrogate: Dibromofluoromethane 0.0528 " 0.0497 106 73-132	ene	0.0440		•			111	40-148	14.9	20	
Foluene 0.0327 0.0050 " 0.0398 ND 82.3 37-149 8.62 20 Frichloroethene (TCE) 0.0403 0.0050 " 0.0398 ND 101 34-162 22.2 20 Surrogate: Dibromofluoromethane 0.0528 " 0.0497 106 73-132	obenzene	0.0307	0.0050		0.0398	ND	77.2	37-149	12.7	20	
Residence (Total content of the following formation of the following fo	ichloroethene	0.0433	0.0050	"	0.0398	ND	109	10-169	20.6	20	QR-02
Surrogate: Dibromofluoromethane         0.0528         "         0.0497         106         73-132	ne	0.0327	0.0050	"	0.0398	ND	82.3	37-149	8.62	20	
Surrogate: Dioromofituorometinane 0.0326 0.0497 100 73-132	oroethene (TCE)	0.0403	0.0050	"	0.0398	ND	101	34-162	22.2	20	QR-02
Surrogate: Toluene-d8 0.0476 " 0.0497 95.7 70-126	rogate: Dibromofluoromethane	0.0528		"	0.0497		106	73-132			
50110 Suito Control 50.0177 70.120	rogate: Toluene-d8	0.0476		"	0.0497		95.7	70-126			
Surrogate: 4-Bromofluorobenzene         0.0450         " 0.0497         90.6         78-118	ŭ	0.0450		"	0.0497		90.6	78-118			

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Rincon ConsultantsProject:Ortega ParkWO & Reported:180 N. Ashwood Ave.Project Number:18-06506/604 E. Ortega St., Santa Barbara, CA1901966Ventura CA, 93003Project Manager:Nico Navarro05/31/2019 12:54

### Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	RL	Units	Spike	Source	%REC	%REC	RPD	RPD	Notes
				Level	Result		Limits		Limit	

Ratch R9F0098 - FPA 8260R	Preparation: EPA 5035/5030B MEOH 05/03/19 09:39
Datch D7E0070 - E1 A 0200D	1 leparation. ETA 3033/3030D MEOTI 03/03/13 03.33

Blank (B9E0098-BLK1)	Datcii D9E0096 - EFA 6200D	Freparation. EFA 3033/3030B	WEOH U.	5/05/19 09.39	
Benzene	Blank (B9E0098-BLK1)		A	Analyzed: 05/03/19 11:59	
Benzene         ND         0.0050         "           Bromochizene         ND         0.0050         "           Bromochizomethane         ND         0.0050         "           Bromoficm         ND         0.0050         "           Bromoform         ND         0.0050         "           Bromomethane         ND         0.0050         "           t-Butyl alcohol         ND         0.0050         "           n-Butylbenzene         ND         0.0050         "           see-Butylbenzene         ND         0.0050         "           tert-Butylbenzene         ND         0.0050         "           ctarbon tetrachloride         ND         0.0050         "           Carbon tetrachloride         ND         0.0050         "           Chlorothane         ND         0.0050         "           Chlorothane         ND         0.0050         "           Chlorothane         ND         0.0050         "           Chlorotoluene         ND         0.0050         "           Chlorotoluene         ND         0.0050         "           1,2-Dibromochlaroethane (EDB)         ND         0.0050         " <td>t-Amyl Methyl Ether</td> <td>ND</td> <td>0.0050</td> <td>mg/kg</td> <td></td>	t-Amyl Methyl Ether	ND	0.0050	mg/kg	
Bromochloromethane	•	ND			
Bromodichloromethane   ND   0.0050   "	Bromobenzene	ND	0.0050	"	
Bromoform  Bromoform  ND 0.0050 "  Bromomethane  LButyl alcohol  ND 0.10 " Butylbenzene  ND 0.0050 "  see-Butylbenzene  ND 0.0050 "  tert-Butylbenzene  ND 0.0050 "  tert-Butylbenzene  ND 0.0050 "  Carbon tetrachloride  ND 0.0050 "  Chlorot tetrachloride  ND 0.0050 "  Chlorotomethane  ND 0.0050 "  Chlorotomethane  ND 0.0050 "  Chlorotomethane  ND 0.0050 "  Chlorotomethane  ND 0.0050 "  2-Chlorotoluene  ND 0.0050 "  1,2-Dichlorothane  ND 0.0050 "  1,2-Dichlorobenzene  ND 0.0050 "  1,3-Dichlorobenzene  ND 0.0050 "  1,4-Dichlorobenzene  ND 0.0050 "  1,4-Dichlorobenzene  ND 0.0050 "  1,1-Dichlorothane  ND 0.0050 "  1,1-Dichlorothane  ND 0.0050 "  1,2-Dichlorothane  ND 0.0050 "  1,3-Dichlorothane  ND 0.0050 "  1,1-Dichlorothane  ND 0.0050 "  1,2-Dichlorothane  ND 0.0050 "  1,1-Dichlorothane  ND 0.0050 "  1,2-Dichlorothane  ND 0.0050 "  1,3-Dichloropropane  ND 0.0050 "  1,1-Dichloropropane  ND	Bromochloromethane	ND	0.0050	"	
Bromomethane	Bromodichloromethane	ND	0.0050	"	
Faury   Carbon   ND	Bromoform	ND	0.0050	"	
No.	Bromomethane	ND	0.0050	"	
n-Butylbenzene         ND         0.0050         "           sec-Butylbenzene         ND         0.0050         "           Carbon tetrachloride         ND         0.0050         "           Chlorobenzene         ND         0.0050         "           Chloroethane         ND         0.0050         "           Chloroform         ND         0.0050         "           Chloromethane         ND         0.0050         "           2-Chlorotoluene         ND         0.0050         "           4-Chlorotoluene         ND         0.0050         "           1-2-Dibromo-3-chloropropane         ND         0.0050         "           1,2-Dichlorobenzene         ND         0.0050         "           1,2-Dichlorobenzene         ND         0.0050         "           1,4-Dichlorochane         ND         0.0050         "           1,1-Dichlorochane         ND <t< td=""><td>t-Butyl alcohol</td><td>ND</td><td></td><td>"</td><td></td></t<>	t-Butyl alcohol	ND		"	
sec-Butylbenzene         ND         0.0050         "           Carbon tetrachloride         ND         0.0050         "           Chlorobenzene         ND         0.0050         "           Chloroethane         ND         0.0050         "           Chloroform         ND         0.0050         "           Chloromethane         ND         0.0050         "           2-Chlorotoluene         ND         0.0050         "           4-Chlorotoluene         ND         0.0050         "           1,2-Dibromochlane         ND         0.0050         "           1,2-Dibromochlane (EDB)         ND         0.0050         "           1,3-Dichlorobenzene         ND         0.0050         "           1,4-Dichlorobenzene         ND         0.0050         "           1,4-Dichlorocthane         ND         0.0050         "           1,1-Dichlorocthane         ND         <	•	ND		"	
tert-Butylbenzene         ND         0.0050         "           Carbon tetrachloride         ND         0.0050         "           Chlorobenzene         ND         0.0050         "           Chlorochtane         ND         0.0050         "           Chloroform         ND         0.0050         "           Chlorotoluene         ND         0.0050         "           4-Chlorotoluene         ND         0.0050         "           1-Chlorotoluene         ND         0.0050         "           Dibromochloromethane         ND         0.0050         "           1,2-Dibromo-3-chloropropane         ND         0.0050         "           1,2-Dibromoethane (EDB)         ND         0.0050         "           1,2-Dibromoethane (EDB)         ND         0.0050         "           1,3-Dichlorobenzene         ND         0.0050         "           1,4-Dichlorobenzene         ND         0.0050         "           1,4-Dichlorochtane         ND         0.0050         "           1,1-Dichlorochtane         ND         0.0050         "           1,1-Dichlorochtene         ND         0.0050         "           trans-1,2-Dichlorochene		ND		II .	
Carbon tetrachloride         ND         0.0050         "           Chlorobenzene         ND         0.0050         "           Chloroethane         ND         0.0050         "           Chloroform         ND         0.0050         "           Chlorotoluene         ND         0.0050         "           2-Chlorotoluene         ND         0.0050         "           2-Chlorotoluene         ND         0.0050         "           Dibromochloromethane         ND         0.0050         "           1,2-Dibromo-3-chloropropane         ND         0.0050         "           1,2-Dibromoethane (EDB)         ND         0.0050         "           1,2-Dichlorobenzene         ND         0.0050         "           1,3-Dichlorobenzene         ND         0.0050         "           1,4-Dichlorobenzene         ND         0.0050         "           1,4-Dichloroethane         ND         0.0050         "           1,1-Dichloroethane         ND         0.0050         "           1,1-Dichloroethene         ND         0.0050         "           1,2-Dichloroptopene         ND         0.0050         "           cis-1,2-Dichloroethene <td>-</td> <td></td> <td></td> <td>"</td> <td></td>	-			"	
Chloroethane         ND         0.0050         "           Chloroeform         ND         0.0050         "           Chloroform         ND         0.0050         "           Chloroteluene         ND         0.0050         "           2-Chlorotoluene         ND         0.0050         "           4-Chlorotoluene         ND         0.0050         "           1,2-Dibromo-3-chloropropane         ND         0.0050         "           1,2-Dibromo-3-chloropropane         ND         0.0050         "           1,2-Dibromoethane (EDB)         ND         0.0050         "           1,2-Dibromoethane         ND         0.0050         "           1,2-Dichlorobenzene         ND         0.0050         "           1,3-Dichlorobenzene         ND         0.0050         "           1,4-Dichlorobenzene         ND         0.0050         "           1,1-Dichloroethane         ND         0.0050         "           1,1-Dichloroethane         ND         0.0050         "           1,2-Dichloroethene         ND         0.0050         "           1,2-Dichloropropane         ND         0.0050         "           1,2-Dichloropropane <td>-</td> <td></td> <td></td> <td>II .</td> <td></td>	-			II .	
Chloroform         ND         0.0050         "           Chloroform         ND         0.0050         "           Chlorothane         ND         0.0050         "           2-Chlorotoluene         ND         0.0050         "           4-Chlorotoluene         ND         0.0050         "           Dibromochloromethane         ND         0.0050         "           1,2-Dibromo-3-chloropropane         ND         0.0050         "           1,2-Dibromoethane (EDB)         ND         0.0050         "           1,2-Dichlorobenzene         ND         0.0050         "           1,3-Dichlorobenzene         ND         0.0050         "           1,4-Dichlorobenzene         ND         0.0050         "           1,4-Dichloroethane         ND         0.0050         "           1,1-Dichloroethane         ND         0.0050         "           1,1-Dichloroethane         ND         0.0050         "           1,2-Dichloroethene         ND         0.0050         "           trans-1,2-Dichloroethene         ND         0.0050         "           trans-1,2-Dichloropropane         ND         0.0050         "           1,3-Dichloropr				"	
Chloroform         ND         0.0050         "           Chloromethane         ND         0.0050         "           2-Chlorotoluene         ND         0.0050         "           4-Chlorotoluene         ND         0.0050         "           Dibromochloromethane         ND         0.0050         "           1,2-Dibromo-3-chloropropane         ND         0.0050         "           1,2-Dibromoethane (EDB)         ND         0.0050         "           1,2-Dichlorobenzene         ND         0.0050         "           1,3-Dichlorobenzene         ND         0.0050         "           1,4-Dichlorobenzene         ND         0.0050         "           1,4-Dichloroethane         ND         0.0050         "           1,1-Dichloroethane         ND         0.0050         "           1,1-Dichloroethene         ND         0.0050         "           1,1-Dichloroethene         ND         0.0050         "           1,2-Dichloropropane         ND         0.0050         "           1,2-Dichloropropane         ND         0.0050         "           1,3-Dichloropropane         ND         0.0050         "           1,3-Dichloropr				"	
Chlorotoluene         ND         0.0050         "           2-Chlorotoluene         ND         0.0050         "           4-Chlorotoluene         ND         0.0050         "           1,2-Dibromo-3-chloropropane         ND         0.0050         "           1,2-Dibromo-3-chloropropane         ND         0.0050         "           1,2-Dibromoethane (EDB)         ND         0.0050         "           Dibromoethane         ND         0.0050         "           1,2-Dichlorobenzene         ND         0.0050         "           1,4-Dichlorobenzene         ND         0.0050         "           1,4-Dichlorothane         ND         0.0050         "           1,1-Dichlorothane         ND         0.0050         "           1,1-Dichlorothene         ND         0.0050         "           1,1-Dichlorothene         ND         0.0050         "           trans-1,2-Dichlorothene         ND         0.0050         "           trans-1,3-Dichloropropane         ND         0.0050         "           1,1-Dichloropropane         ND         0.0050         "           1,1-Dichloropropene         ND         0.0050         " <t< td=""><td></td><td></td><td></td><td>11</td><td></td></t<>				11	
2-Chlorotoluene         ND         0.0050         "           4-Chlorotoluene         ND         0.0050         "           Dibromochloromethane         ND         0.0050         "           1,2-Dibromo-3-chloropropane         ND         0.0050         "           1,2-Dibromoethane (EDB)         ND         0.0050         "           Dibromoethane         ND         0.0050         "           1,2-Dichlorobenzene         ND         0.0050         "           1,3-Dichlorobenzene         ND         0.0050         "           1,4-Dichlorobenzene         ND         0.0050         "           1,1-Dichloroethane         ND         0.0050         "           1,1-Dichloroethane         ND         0.0050         "           1,1-Dichloroethene         ND         0.0050         "           trans-1,2-Dichloroethene         ND         0.0050         "           trans-1,2-Dichloropropane         ND         0.0050         "           1,2-Dichloropropane         ND         0.0050         "           1,1-Dichloropropene         ND         0.0050         "           1,1-Dichloropropene         ND         0.0050         "				"	
A-Chlorotoluene				"	
Dibromochloromethane         ND         0.0050         "           1,2-Dibromo-3-chloropropane         ND         0.0050         "           1,2-Dibromoethane (EDB)         ND         0.0050         "           Dibromomethane         ND         0.0050         "           1,2-Dichlorobenzene         ND         0.0050         "           1,3-Dichlorobenzene         ND         0.0050         "           1,4-Dichlorobenzene         ND         0.0050         "           1,4-Dichlorothane         ND         0.0050         "           1,1-Dichloroethane         ND         0.0050         "           1,1-Dichloroethene         ND         0.0050         "           1,1-Dichloroethene         ND         0.0050         "           trans-1,2-Dichloroethene         ND         0.0050         "           1,2-Dichloropropane         ND         0.0050         "           1,3-Dichloropropane         ND         0.0050         "           1,1-Dichloropropene         ND         0.0050         "           1,1-Dichloropropene         ND         0.0050         "           trans-1,3-Dichloropropene         ND         0.0050         " <tr< td=""><td></td><td></td><td></td><td>"</td><td></td></tr<>				"	
1,2-Dibromo-3-chloropropane   ND   0.0050   "   1,2-Dibromoethane (EDB)   ND   0.0050   "   1,2-Dichlorobenzene   ND   0.0050   "   1,2-Dichlorobenzene   ND   0.0050   "   1,3-Dichlorobenzene   ND   0.0050   "   1,4-Dichlorobenzene   ND   0.0050   "   1,4-Dichloromethane   ND   0.0050   "   1,1-Dichloroethane   ND   0.0050   "   1,1-Dichloroethane   ND   0.0050   "   1,1-Dichloroethane   ND   0.0050   "   1,1-Dichloroethene   ND   0.0050   "   1,1-Dichloroethene   ND   0.0050   "				"	
1,2-Dibromoethane (EDB)   ND   0.0050   "     1,2-Dichlorobenzene   ND   0.0050   "     1,3-Dichlorobenzene   ND   0.0050   "     1,4-Dichlorobenzene   ND   0.0050   "     1,4-Dichlorodifluoromethane   ND   0.0050   "     1,1-Dichloroethane   ND   0.0050   "     1,1-Dichloroethane   ND   0.0050   "     1,1-Dichloroethene   ND   0.0050   "     1,1-Dichloroethene   ND   0.0050   "     1,1-Dichloroethene   ND   0.0050   "     1,2-Dichloroethene   ND   0.0050   "     1,2-Dichloroethene   ND   0.0050   "     1,2-Dichloropropane   ND   0.0050   "     1,3-Dichloropropane   ND   0.0050   "     1,3-Dichloropropane   ND   0.0050   "     1,3-Dichloropropane   ND   0.0050   "     1,1-Dichloropropene   ND   0.0050   "				"	
Dibromomethane         ND         0.0050         "           1,2-Dichlorobenzene         ND         0.0050         "           1,3-Dichlorobenzene         ND         0.0050         "           1,4-Dichlorobenzene         ND         0.0050         "           Dichlorodifluoromethane         ND         0.0050         "           1,1-Dichloroethane         ND         0.0050         "           1,2-Dichloroethene         ND         0.0050         "           1,1-Dichloroethene         ND         0.0050         "           trans-1,2-Dichloroethene         ND         0.0050         "           1,2-Dichloropropane         ND         0.0050         "           1,3-Dichloropropane         ND         0.0050         "           2,2-Dichloropropane         ND         0.0050         "           1,1-Dichloropropene         ND         0.0050         "           cis-1,3-Dichloropropene         ND         0.0050         "           trans-1,3-Dichloropropene         ND         0.0050         "           Diisopropyl Ether         ND         0.0050         "           Ethanol         ND         0.0050         "           Eth				"	
1,2-Dichlorobenzene       ND       0.0050       "         1,3-Dichlorobenzene       ND       0.0050       "         1,4-Dichlorobenzene       ND       0.0050       "         Dichlorodifluoromethane       ND       0.0050       "         1,1-Dichloroethane       ND       0.0050       "         1,2-Dichloroethane       ND       0.0050       "         1,1-Dichloroethene       ND       0.0050       "         cis-1,2-Dichloroethene       ND       0.0050       "         trans-1,2-Dichloropropane       ND       0.0050       "         1,2-Dichloropropane       ND       0.0050       "         1,3-Dichloropropane       ND       0.0050       "         2,2-Dichloropropane       ND       0.0050       "         1,1-Dichloropropene       ND       0.0050       "         cis-1,3-Dichloropropene       ND       0.0050       "         trans-1,3-Dichloropropene       ND       0.0050       "         Ethanol       ND       0.0050       "         Ethyl t-Butyl Ether       ND       0.0050       "         Ethylbenzene       ND       0.0050       "         Hexachlorobutadi				"	
1,3-Dichlorobenzene       ND       0.0050       "         1,4-Dichlorobenzene       ND       0.0050       "         Dichlorodifluoromethane       ND       0.0050       "         1,1-Dichloroethane       ND       0.0050       "         1,2-Dichloroethene       ND       0.0050       "         cis-1,2-Dichloroethene       ND       0.0050       "         trans-1,2-Dichloropropane       ND       0.0050       "         1,2-Dichloropropane       ND       0.0050       "         1,3-Dichloropropane       ND       0.0050       "         2,2-Dichloropropane       ND       0.0050       "         1,1-Dichloropropene       ND       0.0050       "         cis-1,3-Dichloropropene       ND       0.0050       "         trans-1,3-Dichloropropene       ND       0.0050       "         Diisopropyl Ether       ND       0.0050       "         Ethanol       ND       4.0       "         Ethyl t-Butyl Ether       ND       0.0050       "         Ethylbenzene       ND       0.0050       "         Hexachlorobutadiene       ND       0.0050       "				"	
1,4-Dichlorobenzene				"	
Dichlorodifluoromethane         ND         0.0050         "           1,1-Dichloroethane         ND         0.0050         "           1,2-Dichloroethane         ND         0.0050         "           1,1-Dichloroethene         ND         0.0050         "           cis-1,2-Dichloroethene         ND         0.0050         "           trans-1,2-Dichloroethene         ND         0.0050         "           1,2-Dichloropropane         ND         0.0050         "           1,3-Dichloropropane         ND         0.0050         "           2,2-Dichloropropane         ND         0.0050         "           1,1-Dichloropropene         ND         0.0050         "           cis-1,3-Dichloropropene         ND         0.0050         "           trans-1,3-Dichloropropene         ND         0.0050         "           Diisopropyl Ether         ND         0.0050         "           Ethanol         ND         4.0         "           Ethyl t-Butyl Ether         ND         0.0050         "           Ethylbenzene         ND         0.0050         "           Hexachlorobutadiene         ND         0.0050         "	·			"	
1,1-Dichloroethane       ND       0.0050       "         1,2-Dichloroethane       ND       0.0050       "         1,1-Dichloroethene       ND       0.0050       "         cis-1,2-Dichloroethene       ND       0.0050       "         trans-1,2-Dichloroethene       ND       0.0050       "         1,2-Dichloropropane       ND       0.0050       "         1,3-Dichloropropane       ND       0.0050       "         2,2-Dichloropropane       ND       0.0050       "         1,1-Dichloropropene       ND       0.0050       "         cis-1,3-Dichloropropene       ND       0.0050       "         trans-1,3-Dichloropropene       ND       0.0050       "         Diisopropyl Ether       ND       0.0050       "         Ethanol       ND       4.0       "         Ethyl t-Butyl Ether       ND       0.0050       "         Ethylbenzene       ND       0.0050       "         Hexachlorobutadiene       ND       0.0050       "	·			"	
1,2-Dichloroethane       ND       0.0050       "         1,1-Dichloroethene       ND       0.0050       "         cis-1,2-Dichloroethene       ND       0.0050       "         trans-1,2-Dichloropropane       ND       0.0050       "         1,2-Dichloropropane       ND       0.0050       "         2,2-Dichloropropane       ND       0.0050       "         1,1-Dichloropropene       ND       0.0050       "         cis-1,3-Dichloropropene       ND       0.0050       "         trans-1,3-Dichloropropene       ND       0.0050       "         Diisopropyl Ether       ND       0.0050       "         Ethanol       ND       4.0       "         Ethyl t-Butyl Ether       ND       0.0050       "         Ethylbenzene       ND       0.0050       "         Hexachlorobutadiene       ND       0.0050       "					
1,1-Dichloroethene       ND       0.0050       "         cis-1,2-Dichloroethene       ND       0.0050       "         trans-1,2-Dichloroethene       ND       0.0050       "         1,2-Dichloropropane       ND       0.0050       "         1,3-Dichloropropane       ND       0.0050       "         2,2-Dichloropropane       ND       0.0050       "         1,1-Dichloropropene       ND       0.0050       "         cis-1,3-Dichloropropene       ND       0.0050       "         trans-1,3-Dichloropropene       ND       0.0050       "         Diisopropyl Ether       ND       0.0050       "         Ethanol       ND       4.0       "         Ethyl t-Butyl Ether       ND       0.0050       "         Ethylbenzene       ND       0.0050       "         Hexachlorobutadiene       ND       0.0050       "	·			"	
cis-1,2-Dichloroethene         ND         0.0050         "           trans-1,2-Dichloroethene         ND         0.0050         "           1,2-Dichloropropane         ND         0.0050         "           1,3-Dichloropropane         ND         0.0050         "           2,2-Dichloropropane         ND         0.0050         "           1,1-Dichloropropene         ND         0.0050         "           cis-1,3-Dichloropropene         ND         0.0050         "           trans-1,3-Dichloropropene         ND         0.0050         "           Diisopropyl Ether         ND         0.0050         "           Ethanol         ND         4.0         "           Ethyl t-Butyl Ether         ND         0.0050         "           Ethylbenzene         ND         0.0050         "           Hexachlorobutadiene         ND         0.0050         "	·			"	
trans-1,2-Dichloroethene 1,2-Dichloropropane 1,3-Dichloropropane ND 0.0050 1,3-Dichloropropane ND 0.0050 1,1-Dichloropropane ND 0.0050 1,1-Dichloropropene N	<i>'</i>				
1,2-Dichloropropane       ND       0.0050       "         1,3-Dichloropropane       ND       0.0050       "         2,2-Dichloropropane       ND       0.0050       "         1,1-Dichloropropene       ND       0.0050       "         cis-1,3-Dichloropropene       ND       0.0050       "         trans-1,3-Dichloropropene       ND       0.0050       "         Diisopropyl Ether       ND       0.0050       "         Ethanol       ND       4.0       "         Ethyl t-Butyl Ether       ND       0.0050       "         Ethylbenzene       ND       0.0050       "         Hexachlorobutadiene       ND       0.0050       "					
1,3-Dichloropropane       ND       0.0050       "         2,2-Dichloropropane       ND       0.0050       "         1,1-Dichloropropene       ND       0.0050       "         cis-1,3-Dichloropropene       ND       0.0050       "         trans-1,3-Dichloropropene       ND       0.0050       "         Diisopropyl Ether       ND       0.0050       "         Ethanol       ND       4.0       "         Ethyl t-Butyl Ether       ND       0.0050       "         Ethylbenzene       ND       0.0050       "         Hexachlorobutadiene       ND       0.0050       "					
2,2-Dichloropropane       ND       0.0050       "         1,1-Dichloropropene       ND       0.0050       "         cis-1,3-Dichloropropene       ND       0.0050       "         trans-1,3-Dichloropropene       ND       0.0050       "         Diisopropyl Ether       ND       0.0050       "         Ethanol       ND       4.0       "         Ethyl t-Butyl Ether       ND       0.0050       "         Ethylbenzene       ND       0.0050       "         Hexachlorobutadiene       ND       0.0050       "					
1,1-Dichloropropene       ND       0.0050       "         cis-1,3-Dichloropropene       ND       0.0050       "         trans-1,3-Dichloropropene       ND       0.0050       "         Diisopropyl Ether       ND       0.0050       "         Ethanol       ND       4.0       "         Ethyl t-Butyl Ether       ND       0.0050       "         Ethylbenzene       ND       0.0050       "         Hexachlorobutadiene       ND       0.0050       "					
cis-1,3-Dichloropropene         ND         0.0050         "           trans-1,3-Dichloropropene         ND         0.0050         "           Diisopropyl Ether         ND         0.0050         "           Ethanol         ND         4.0         "           Ethyl t-Butyl Ether         ND         0.0050         "           Ethylbenzene         ND         0.0050         "           Hexachlorobutadiene         ND         0.0050         "					
trans-1,3-Dichloropropene ND 0.0050 "  Diisopropyl Ether ND 0.0050 "  Ethanol ND 4.0 "  Ethyl t-Butyl Ether ND 0.0050 "  Ethylbenzene ND 0.0050 "  Hexachlorobutadiene ND 0.0050 "					
Diisopropyl Ether         ND         0.0050         "           Ethanol         ND         4.0         "           Ethyl t-Butyl Ether         ND         0.0050         "           Ethylbenzene         ND         0.0050         "           Hexachlorobutadiene         ND         0.0050         "					
Ethanol         ND         4.0         "           Ethyl t-Butyl Ether         ND         0.0050         "           Ethylbenzene         ND         0.0050         "           Hexachlorobutadiene         ND         0.0050         "					
Ethyl t-Butyl Ether         ND         0.0050         "           Ethylbenzene         ND         0.0050         "           Hexachlorobutadiene         ND         0.0050         "					
Ethylbenzene ND 0.0050 " Hexachlorobutadiene ND 0.0050 "					
Hexachlorobutadiene ND 0.0050 "	•				
The statement of the st	•				
4-isopropyi Tolucie ND 0.0050 "					
	4-1sopropyi Toluene	ND	0.0050		

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Rincon ConsultantsProject:Ortega ParkWO & Reported:180 N. Ashwood Ave.Project Number:18-06506/604 E. Ortega St., Santa Barbara, CA1901966Ventura CA, 93003Project Manager:Nico Navarro05/31/2019 12:54

### Volatile Organic Compounds by GC/MS - Quality Control

Analyte Result RL Units Spike Source % Level Result	C %REC RPD R Limits L	%REC %REC Limits		
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Batch B9E0098 - EPA 8260B	Preparation: EPA 5035/5030B MEOH	05/03/19 09:39

Blank (B9E0098-BLK1)		1	Analyzed:	05/03/19 11:59		
Isopropylbenzene	ND	0.0050	mg/kg			
Methylene chloride	ND	0.0050	"			
Methyl-t-butyl ether	ND	0.0050	"			
Naphthalene	ND	0.0050	"			
n-Propylbenzene	ND	0.0050	"			
Styrene	ND	0.0050	"			
1,1,1,2-Tetrachloroethane	ND	0.0050	"			
1,1,2,2-Tetrachloroethane	ND	0.0050	"			
Tetrachloroethene (PCE)	ND	0.0050	**			
Toluene	ND	0.0050	**			
1,2,3-Trichlorobenzene	ND	0.0050	"			
1,2,4-Trichlorobenzene	ND	0.0050	"			
1,1,1-Trichloroethane	ND	0.0050	"			
1,1,2-Trichloroethane	ND	0.0050	"			
Trichloroethene (TCE)	ND	0.0050	"			
Trichlorofluoromethane	ND	0.0050	"			
1,2,3-Trichloropropane	ND	0.0050	"			
1,2,4-Trimethylbenzene	ND	0.0050	"			
1,3,5-Trimethylbenzene	ND	0.0050	"			
Vinyl chloride	ND	0.0050	"			
Xylenes (total)	ND	0.0050	"			
Surrogate: Dibromofluoromethane	0.0510		"	0.0500	102	73-132
Surrogate: Toluene-d8	0.0453		"	0.0500	90.6	70-126
Surrogate: 4-Bromofluorobenzene	0.0499		"	0.0500	99.8	78-118
LCS (B9E0098-BS1)		1	Analyzed:	05/03/19 10:02		
Benzene	0.0231	0.0050	•	0.0200	115	74-135
Chlorobenzene	0.0232	0.0050	0 0	0.0200	116	79-130
1,1-Dichloroethene	0.0202	0.0050		0.0200	101	40-158
Toluene	0.0212	0.0050	**	0.0200	106	70-137
Trichloroethene (TCE)	0.0211	0.0050	"	0.0200	105	79-142
Surrogate: Dibromofluoromethane	0.0513		"	0.0500	103	73-132
Surrogate: Toluene-d8	0.0461		"	0.0500	92.2	70-126
Surrogate: 4-Bromofluorobenzene	0.0517		"	0.0500	103	78-118

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Rincon ConsultantsProject:Ortega ParkWO & Reported:180 N. Ashwood Ave.Project Number:18-06506/604 E. Ortega St., Santa Barbara, CA1901966Ventura CA, 93003Project Manager:Nico Navarro05/31/2019 12:54

### Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B9E0098 - EPA 8260B Preparation: EPA	5035/5030B I	меон 0:	5/03/19 (	09:39						
LCS Dup (B9E0098-BSD1)		A	Analyzed:	05/03/19	10:31					
Benzene	0.0207	0.0050	mg/kg	0.0200		103	74-135	11.0	20	
Chlorobenzene	0.0210	0.0050	"	0.0200		105	79-130	10.1	20	
1,1-Dichloroethene	0.0177	0.0050	"	0.0200		88.4	40-158	13.1	20	
Toluene	0.0191	0.0050	"	0.0200		95.4	70-137	10.3	20	
Trichloroethene (TCE)	0.0204	0.0050	"	0.0200		102	79-142	3.47	20	
Surrogate: Dibromofluoromethane	0.0528		"	0.0500		106	73-132			
Surrogate: Toluene-d8	0.0453		"	0.0500		90.6	70-126			
Surrogate: 4-Bromofluorobenzene	0.0513		"	0.0500		103	78-118			
Duplicate (B9E0098-DUP1) Source: 19	02178-03	4	Analyzed:	05/03/19	15:53					
t-Amyl Methyl Ether	ND	0.0050		05/05/17	ND				20	
Benzene	ND	0.0050	"		ND				20	
Bromobenzene	ND	0.0050	"		ND				20	
Bromochloromethane	ND	0.0050	"		ND				20	
Bromodichloromethane	ND	0.0050	"		ND				20	
Bromoform	ND	0.0050	"		ND				20	
Bromomethane	ND	0.0050	"		ND				20	
t-Butyl alcohol	ND	0.099	"		ND				20	
n-Butylbenzene	ND	0.0050	"		0.00204				20	
sec-Butylbenzene	ND	0.0050	"		ND				20	
tert-Butylbenzene	ND	0.0050	"		ND				20	
Carbon tetrachloride	ND	0.0050	"		ND				20	
Chlorobenzene	ND	0.0050	"		ND				20	
Chloroethane	ND	0.0050	"		ND				20	
Chloroform	ND	0.0050	"		ND				20	
Chloromethane	ND	0.0050	"		ND				20	
2-Chlorotoluene	ND	0.0050	"		ND				20	
4-Chlorotoluene	ND	0.0050	"		ND				20	
Dibromochloromethane	ND	0.0050	"		ND				20	
1,2-Dibromo-3-chloropropane	ND	0.0050	"		ND				20	
1,2-Dibromoethane (EDB)	ND	0.0050	"		ND				20	
Dibromomethane	ND	0.0050	"		ND				20	
1,2-Dichlorobenzene	ND	0.0050	"		ND				20	
1,3-Dichlorobenzene	ND	0.0050	"		ND				20	
1,4-Dichlorobenzene	ND	0.0050	"		ND				20	
Dichlorodifluoromethane	ND	0.0050	"		ND				20	
1,1-Dichloroethane	ND	0.0050	"		ND				20	
1,2-Dichloroethane	ND	0.0050	"		ND				20	
1,1-Dichloroethene	ND	0.0050	"		ND				20	
cis-1,2-Dichloroethene	ND	0.0050	"		ND				20	
trans-1,2-Dichloroethene	ND	0.0050	"		ND				20	
1,2-Dichloropropane	ND	0.0050	"		ND				20	
1,3-Dichloropropane	ND	0.0050	"		ND				20	

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Analyte

1,2,4-Trimethylbenzene

1,3,5-Trimethylbenzene

Surrogate: Toluene-d8

Surrogate: Dibromofluoromethane

Surrogate: 4-Bromofluorobenzene

Vinyl chloride

Xylenes (total)

### Oilfield Environmental & Compliance, Inc.

%REC

Limits

RPD

Limit

20

20

20

20

Notes

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Ventura CA, 93003 Project Manager: Nico Navarro 05/31/2019 12:54

### **Volatile Organic Compounds by GC/MS - Quality Control**

RL Units

Result

Spike Level

Source Result

ND

ND

ND

106

95.8

96.6

73-132

70-126

78-118

0.0497

0.0497

0.0497

Ouplicate (B9E0098-DUP1)	Source: 1902178-03	A	Analyzed: 05/0	3/19 15:53		
,2-Dichloropropane	ND	0.0050	mg/kg	ND		20
,1-Dichloropropene	ND	0.0050	"	ND		20
is-1,3-Dichloropropene	ND	0.0050	"	ND		20
ans-1,3-Dichloropropene	ND	0.0050	"	ND		20
Diisopropyl Ether	ND	0.0050	"	ND		20
thanol	ND	4.0	"	ND		20
thyl t-Butyl Ether	ND	0.0050	"	ND		20
thylbenzene	ND	0.0050	"	ND		20
Iexachlorobutadiene	ND	0.0050	"	ND		20
-Isopropyl Toluene	ND	0.0050	"	ND		20
sopropylbenzene	ND	0.0050	"	ND		20
lethylene chloride	ND	0.0050	"	ND		20
lethyl-t-butyl ether	ND	0.0050	"	ND		20
Japhthalene	0.0109	0.0050	"	0.0117	6.76	20
-Propylbenzene	0.00258	0.0050	"	0.00248	4.33	20
tyrene	ND	0.0050	"	ND		20
,1,1,2-Tetrachloroethane	ND	0.0050	"	ND		20
,1,2,2-Tetrachloroethane	ND	0.0050	"	ND		20
etrachloroethene (PCE)	ND	0.0050	"	ND		20
oluene	ND	0.0050	"	ND		20
,2,3-Trichlorobenzene	ND	0.0050	"	ND		20
,2,4-Trichlorobenzene	ND	0.0050	"	ND		20
,1,1-Trichloroethane	ND	0.0050	"	ND		20
,1,2-Trichloroethane	ND	0.0050	"	ND		20
richloroethene (TCE)	ND	0.0050	"	ND		20
richlorofluoromethane	ND	0.0050	"	ND		20
,2,3-Trichloropropane	ND	0.0050	"	ND		20

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ND

ND

ND

ND

0.0528

0.0476

0.0480

0.0050

0.0050

0.0050

0.0050

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Ventura CA, 93003 Project Manager: Nico Navarro 05/31/2019 12:54

### **Volatile Organic Compounds by GC/MS - Quality Control**

Batch B9E0098 - EPA 8260B	Preparation: EPA 5035/5030B MEOH 05/03/19 09:3
---------------------------	--

Matrix Spike (B9E0098-MS1)	Source: 1902231-01	1	Analyzed:	05/03/19 1	9:48		
Benzene	0.0222	0.0049	mg/kg	0.0198	ND	112	40-148
Chlorobenzene	0.0182	0.0049	"	0.0198	ND	92.2	37-149
1,1-Dichloroethene	0.0165	0.0049	"	0.0198	ND	83.4	10-169
Toluene	0.0174	0.0049	**	0.0198	ND	88.0	37-149
Trichloroethene (TCE)	0.0183	0.0049	"	0.0198	ND	92.4	34-162
Surrogate: Dibromofluoromethane	0.0549		"	0.0494		111	73-132
Surrogate: Toluene-d8	0.0479		"	0.0494		97.0	70-126
Surrogate: 4-Bromofluorobenzene	0.0502		"	0.0494		102	78-118

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Rincon Consultants Project: Ortega Park WO & Reported: Project Number: 18-06506/604 E. Ortega St., Santa Barbara, CA 1901966 180 N. Ashwood Ave. Project Manager: Nico Navarro 05/31/2019 12:54 Ventura CA, 93003

### Polychlorinated Biphenyls by GC/ECD - Quality Control

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B9D0538 - EPA 8082 Preparat	ion: EPA 3550C 04/18/19	9 09:56								
Blank (B9D0538-BLK1)		A	Analyzed	: 04/18/19 1	5:39					
PCB-1016	ND	0.020	mg/kg							
PCB-1221	ND	0.020	"							
PCB-1232	ND	0.020	"							
PCB-1242	ND	0.020	"							
PCB-1248	ND	0.020	"							
PCB-1254	ND	0.020	"							
PCB-1260	ND	0.020	"							
Surrogate: Decachlorobiphenyl	0.00822		"	0.00833		98.6	11-167			
Surrogate: 2,4,5,6 Tetrachloro-m-xylene	0.00550		"	0.00833		66.0	13-150			
LCS (B9D0538-BS1)		A	Analyzed	: 04/18/19 1	5:01					
PCB-1016	0.0610	0.020	mg/kg	0.0667		91.6	49-104			
PCB-1260	0.0608	0.020	"	0.0667		91.2	57-120			
Surrogate: Decachlorobiphenyl	0.00825		"	0.00833		99.0	11-167			
Surrogate: 2,4,5,6 Tetrachloro-m-xylene	0.00596		"	0.00833		71.5	13-150			
LCS Dup (B9D0538-BSD1)		A	Analyzed	: 04/18/19 1	5:14					
PCB-1016	0.0612	0.020	mg/kg	0.0667		91.7	49-104	0.211	30	
PCB-1260	0.0658	0.020	"	0.0667		98.7	57-120	7.92	30	
Surrogate: Decachlorobiphenyl	0.00843		"	0.00833		101	11-167			
Surrogate: 2,4,5,6 Tetrachloro-m-xylene	0.00606		"	0.00833		72.7	13-150			
Duplicate (B9D0538-DUP1)	Source: 1901995-01	A	Analyzed	: 04/18/19 1	7:22					
PCB-1016	ND	0.020	mg/kg		ND				30	
PCB-1221	ND	0.020	"		ND				30	
PCB-1232	ND	0.020	"		ND				30	
PCB-1242	ND	0.020	"		ND				30	
PCB-1248	ND	0.020	"		ND				30	
PCB-1254	ND	0.020	"		ND				30	
PCB-1260	ND	0.020	"		ND				30	
Surrogate: Decachlorobiphenyl	0.00656		"	0.00833		78.7	11-167			
Surrogate: 2,4,5,6 Tetrachloro-m-xylene	0.00618		"	0.00833		74.1	13-150			

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### **Polychlorinated Biphenyls by GC/ECD - Quality Control**

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B9D0538 - EPA 8082 Preparat	tion: EPA 3550C 04/18/1	9 09:56								
Matrix Spike (B9D0538-MS1)	Source: 1901995-01	A	Analyzed	: 04/18/19	17:34					
PCB-1016	0.0589	0.020	mg/kg	0.0666	ND	88.4	52-107			
PCB-1260	0.0559	0.020	"	0.0666	ND	83.9	46-122			
Surrogate: Decachlorobiphenyl	0.00786		"	0.00833		94.4	11-167			
Surrogate: 2,4,5,6 Tetrachloro-m-xylene	0.00567		"	0.00833		68.0	13-150			
Matrix Spike Dup (B9D0538-MSD1)	Source: 1901995-01	A	Analyzed	: 04/18/19	17:47					
PCB-1016	0.0559	0.020	mg/kg	0.0666	ND	83.8	52-107	5.29	30	
PCB-1260	0.0519	0.020	"	0.0666	ND	77.9	46-122	7.40	30	
Surrogate: Decachlorobiphenyl	0.00754		"	0.00833		90.5	11-167			
Surrogate: 2,4,5,6 Tetrachloro-m-xylene	0.00612		"	0.00833		73.5	13-150			

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**Batch B9D0605 - EPA 8270-SIM** Preparation: EPA 3550C MS 04/22/19 09:49

### Oilfield Environmental & Compliance, Inc.

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### Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring - Quality Control

Level Result Limits Limit	Analyte	Result	RL	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
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Blank (B9D0605-BLK1)		A	Analyzed:	04/22/19 17:42		
Acenaphthene	ND	0.0050	mg/kg			
Acenaphthylene	ND	0.0050	"			
Anthracene	ND	0.0050	"			
Benz (a) anthracene	ND	0.0050	"			
Benzo (b) fluoranthene	ND	0.0050	"			
Benzo (k) fluoranthene	ND	0.0050	"			
Benzo (a) pyrene	ND	0.0050	"			
Benzo (g,h,i) perylene	ND	0.010	"			
Chrysene	ND	0.0050	"			
Dibenz (a,h) anthracene	ND	0.010	"			
Fluoranthene	ND	0.0050	"			
Fluorene	ND	0.0050	"			
Indeno (1,2,3-cd) pyrene	ND	0.0050	"			
Naphthalene	ND	0.010	"			
Phenanthrene	ND	0.0050	"			
Pyrene	ND	0.0050	"			
Surrogate: p-Terphenyl-d14	0.0267		"	0.0267	100	13-180
LCS (B9D0605-BS1)		A	Analyzed:	04/22/19 16:18		
Acenaphthene	0.0200	0.0050	mg/kg	0.0266	75.0	30-116
Acenaphthylene	0.0203	0.0050	"	0.0266	76.3	26-118
Anthracene	0.0220	0.0050	"	0.0266	82.5	45-135
Benz (a) anthracene	0.0280	0.0050	"	0.0266	105	70-135
Benzo (b) fluoranthene	0.0310	0.0050	"	0.0266	116	61-145
Benzo (k) fluoranthene	0.0290	0.0050	"	0.0266	109	70-157
Benzo (a) pyrene	0.0260	0.0050	"	0.0266	97.5	69-146
Benzo (g,h,i) perylene	0.0273	0.010	"	0.0266	102	50-164
Chrysene	0.0273	0.0050	"	0.0266	102	78-142
Dibenz (a,h) anthracene	0.0230	0.010	"	0.0266	86.3	50-159
Fluoranthene	0.0266	0.0050	"	0.0266	100	73-125
Fluorene	0.0213	0.0050	"	0.0266	80.0	29-122

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0.0050

0.010

0.0050

0.0050

0.0266

0.0266

0.0266

0.0266

0.0266

0.0230

0.0177

0.0227

0.0266

0.0263

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86.3

66.3

85.0

100

98.8

52-164

22-113

36-125

72-127

13-180

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Indeno (1,2,3-cd) pyrene

Surrogate: p-Terphenyl-d14

Naphthalene

Phenanthrene

Pyrene

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Ventura CA, 93003 Project Manager: Nico Navarro 05/31/2019 12:54

### Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring - Quality Control

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B9D0605 - EPA 8270-SIM	Preparation: EPA 3550C MS	04/22/1	19 09:49							
LCS Dup (B9D0605-BSD1)		A	Analyzed:	04/22/19	16:39					
Acenaphthene	0.0200	0.0050	mg/kg	0.0267		75.0	30-116	0.0333	30	
Acenaphthylene	0.0200	0.0050	"	0.0267		75.0	26-118	1.62	30	
Anthracene	0.0223	0.0050	"	0.0267		83.8	45-135	1.54	30	
Benz (a) anthracene	0.0280	0.0050	"	0.0267		105	70-135	0.0333	30	
Benzo (b) fluoranthene	0.0323	0.0050	"	0.0267		121	61-145	4.24	30	
Benzo (k) fluoranthene	0.0283	0.0050	"	0.0267		106	70-157	2.29	30	
Benzo (a) pyrene	0.0270	0.0050	"	0.0267		101	69-146	3.81	30	
Benzo (g,h,i) perylene	0.0250	0.010	"	0.0267		93.8	50-164	8.88	30	
Chrysene	0.0277	0.0050	"	0.0267		104	78-142	1.25	30	
Dibenz (a,h) anthracene	0.0223	0.010	"	0.0267		83.8	50-159	2.91	30	
Fluoranthene	0.0267	0.0050	"	0.0267		100	73-125	0.0333	30	
Fluorene	0.0210	0.0050	"	0.0267		78.7	29-122	1.54	30	
Indeno (1,2,3-cd) pyrene	0.0220	0.0050	"	0.0267		82.5	52-164	4.41	30	
Naphthalene	0.0173	0.010	"	0.0267		65.0	22-113	1.87	30	
Phenanthrene	0.0230	0.0050	"	0.0267		86.3	36-125	1.49	30	
Pyrene	0.0273	0.0050	"	0.0267		102	72-127	2.50	30	
Surrogate: p-Terphenyl-d14	0.0270		"	0.0267		101	13-180			
Duplicate (B9D0605-DUP1)	Source: 1902029-05	A	Analyzed:	04/22/19	18:24					
Acenaphthene	ND	0.0050	mg/kg		ND				30	
Acenaphthylene	ND	0.0050	"		ND				30	
Anthracene	ND	0.0050	"		ND				30	
Benz (a) anthracene	ND	0.0050	"		ND				30	
Benzo (b) fluoranthene	ND	0.0050	"		ND				30	
Benzo (k) fluoranthene	ND	0.0050	"		ND				30	
Benzo (a) pyrene	ND	0.0050	"		ND				30	
Benzo (g,h,i) perylene	ND	0.010	"		ND				30	
Chrysene	ND	0.0050	"		ND				30	
Dibenz (a,h) anthracene	ND	0.010	"		ND				30	
Fluoranthene	ND	0.0050	"		ND				30	
Fluorene	ND	0.0050	"		ND				30	
Indeno (1,2,3-cd) pyrene	ND	0.0050	"		ND				30	
Naphthalene	ND	0.010	"		ND				30	
Phenanthrene	ND	0.0050	"		ND				30	
Pyrene	ND	0.0050	"		ND				30	
Surrogate: p-Terphenyl-d14	0.0270		"	0.0267		101	13-180			

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Ventura CA, 93003 Project Manager: Nico Navarro 05/31/2019 12:54

## Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring - Quality Control

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B9D0605 - EPA 8270-SIM	Preparation: EPA 3550C MS	04/22/1	9 09:49							
Matrix Spike (B9D0605-MS1)	Source: 1902029-05	A	Analyzed:	04/22/19	17:00					
Acenaphthene	0.0153	0.0050	mg/kg	0.0266	ND	57.5	23-126			
Acenaphthylene	0.0153	0.0050	"	0.0266	ND	57.5	20-126			
Anthracene	0.0200	0.0050	"	0.0266	ND	75.0	44-142			
Benz (a) anthracene	0.0256	0.0050	"	0.0266	ND	96.3	40-161			
Benzo (b) fluoranthene	0.0279	0.0050	"	0.0266	ND	105	33-179			
Benzo (k) fluoranthene	0.0239	0.0050	"	0.0266	ND	90.0	44-184			
Benzo (a) pyrene	0.0219	0.0050	"	0.0266	ND	82.5	50-156			
Benzo (g,h,i) perylene	0.0183	0.010	"	0.0266	ND	68.8	10-169			
Chrysene	0.0243	0.0050	"	0.0266	ND	91.3	42-163			
Dibenz (a,h) anthracene	0.0170	0.010	"	0.0266	ND	63.8	17-157			
Fluoranthene	0.0243	0.0050	"	0.0266	ND	91.3	43-154			
Fluorene	0.0186	0.0050	"	0.0266	ND	70.0	29-130			
Indeno (1,2,3-cd) pyrene	0.0170	0.0050	"	0.0266	ND	63.8	11-169			
Naphthalene	0.0136	0.010	"	0.0266	ND	51.2	10-123			
Phenanthrene	0.0210	0.0050	"	0.0266	ND	78.7	29-146			
Pyrene	0.0249	0.0050	"	0.0266	ND	93.7	42-152			
Surrogate: p-Terphenyl-d14	0.0273		"	0.0266		102	13-180			
Matrix Spike Dup (B9D0605-MSD1)	Source: 1902029-05	A	Analyzed:	04/22/19	17:21					
Acenaphthene	0.0166	0.0050	mg/kg	0.0266	ND	62.5	23-126	8.23	30	
Acenaphthylene	0.0173	0.0050	"	0.0266	ND	65.0	20-126	12.1	30	
Anthracene	0.0219	0.0050	"	0.0266	ND	82.5	44-142	9.42	30	
Benz (a) anthracene	0.0282	0.0050	"	0.0266	ND	106	40-161	9.78	30	
Benzo (b) fluoranthene	0.0292	0.0050	"	0.0266	ND	110	33-179	4.55	30	
Benzo (k) fluoranthene	0.0276	0.0050	"	0.0266	ND	104	44-184	14.1	30	
Benzo (a) pyrene	0.0233	0.0050	"	0.0266	ND	87.5	50-156	5.78	30	
Benzo (g,h,i) perylene	0.0176	0.010	"	0.0266	ND	66.2	10-169	3.80	30	
Chrysene	0.0269	0.0050	"	0.0266	ND	101	42-163	10.3	30	
Dibenz (a,h) anthracene	0.0189	0.010	"	0.0266	ND	71.3	17-157	11.0	30	
Fluoranthene	0.0266	0.0050	"	0.0266	ND	100	43-154	9.05	30	
Fluorene	0.0196	0.0050	"	0.0266	ND	73.8	29-130	5.12	30	
Indeno (1,2,3-cd) pyrene	0.0183	0.0050	"	0.0266	ND	68.8	11-169	7.45	30	
Naphthalene	0.0130	0.010	"	0.0266	ND	48.8	10-123	5.10	30	
Phenanthrene	0.0226	0.0050	"	0.0266	ND	85.0	29-146	7.53	30	
Pyrene	0.0266	0.0050	"	0.0266	ND	100	42-152	6.35	30	
Surrogate: p-Terphenyl-d14	0.0256		"	0.0266		96.2	13-180			

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9 13:49

Rincon Consultants Project: Ortega Park WO & Reported: Project Number: 18-06506/604 E. Ortega St., Santa Barbara, CA 1901966 180 N. Ashwood Ave. Project Manager: Nico Navarro 05/31/2019 12:54 Ventura CA, 93003

## Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring - Quality Control

Level Result Limits Limit	Analyte	Result	RL	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
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Blank (B9D0665-BLK1)		Analyzed: 04/24/19
Acenaphthene	ND	0.0050 mg/kg

**Batch B9D0665 - EPA 8270-SIM** Preparation: EPA 3550C MS 04/23/19 14:20

Acchaphthene	ND	0.0050	mg/kg			
Acenaphthylene	ND	0.0050	"			
Anthracene	ND	0.0050	"			
Benz (a) anthracene	ND	0.0050	"			
Benzo (b) fluoranthene	ND	0.0050	"			
Benzo (k) fluoranthene	ND	0.0050	"			
Benzo (a) pyrene	ND	0.0050	"			
Benzo (g,h,i) perylene	ND	0.010	"			
Chrysene	ND	0.0050	"			
Dibenz (a,h) anthracene	ND	0.010	"			
Fluoranthene	ND	0.0050	"			
Fluorene	ND	0.0050	"			
Indeno (1,2,3-cd) pyrene	ND	0.0050	"			
Naphthalene	ND	0.010	"			
Phenanthrene	ND	0.0050	"			
Pyrene	ND	0.0050	"			
Surrogate: p-Terphenyl-d14	0.0243		"	0.0266	91.3	13-180
LCS (B9D0665-BS1)		A	Analyzed:	04/24/19 13:05		
Acenaphthene	0.0107	0.0050	mg/kg	0.0266	40.0	30-116
Acenaphthylene	0.0113	0.0050	"	0.0266	42.5	26-118
Anthracene	0.0150	0.0050	"	0.0266	56.3	45-135
Benz (a) anthracene	0.0233	0.0050	"	0.0266	87.5	70-135
Benzo (b) fluoranthene	0.0230	0.0050	"	0.0266	86.3	61-145
Benzo (k) fluoranthene	0.0276	0.0050	"	0.0266	104	70-157
Benzo (a) pyrene	0.0247	0.0050	"	0.0266	92.5	69-146
Benzo (g,h,i) perylene	0.0290	0.010	"	0.0266	109	50-164
Chrysene	0.0273	0.0050	"	0.0266	102	78-142
Dibenz (a,h) anthracene	0.0253	0.010	"	0.0266	95.0	50-159
Fluoranthene	0.0223	0.0050	"	0.0266	83.7	73-125
Fluorene	0.0113	0.0050	"	0.0266	42.5	29-122
Indeno (1,2,3-cd) pyrene	0.0260	0.0050	"	0.0266	97.5	52-164
Naphthalene	0.00999	0.010	"	0.0266	37.5	22-113
Phenanthrene	0.0160	0.0050	"	0.0266	60.0	36-125
Pyrene	0.0230	0.0050	"	0.0266	86.3	72-127
Surrogate: p-Terphenyl-d14	0.0263		"	0.0266	98.8	13-180

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Rincon Consultants Project: Ortega Park WO & Reported: 180 N. Ashwood Ave. Project Number: 18-06506/604 E. Ortega St., Santa Barbara, CA 1901966
Ventura CA, 93003 Project Manager: Nico Navarro 05/31/2019 12:54

## Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring - Quality Control

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B9D0665 - EPA 8270-SIM	Preparation: EPA 3550C MS	04/23/1	9 14:20							
LCS Dup (B9D0665-BSD1)		A	Analyzed:	04/24/19	13:27					
Acenaphthene	0.0123	0.0050	mg/kg	0.0266		46.2	30-116	14.4	30	
Acenaphthylene	0.0130	0.0050	"	0.0266		48.8	26-118	13.6	30	
Anthracene	0.0160	0.0050	"	0.0266		60.0	45-135	6.39	30	
Benz (a) anthracene	0.0240	0.0050	"	0.0266		90.0	70-135	2.75	30	
Benzo (b) fluoranthene	0.0236	0.0050	"	0.0266		88.7	61-145	2.79	30	
Benzo (k) fluoranthene	0.0283	0.0050	"	0.0266		106	70-157	2.31	30	
Benzo (a) pyrene	0.0273	0.0050	"	0.0266		102	69-146	10.2	30	
Benzo (g,h,i) perylene	0.0303	0.010	"	0.0266		114	50-164	4.43	30	
Chrysene	0.0276	0.0050	"	0.0266		104	78-142	1.15	30	
Dibenz (a,h) anthracene	0.0270	0.010	"	0.0266		101	50-159	6.30	30	
Fluoranthene	0.0243	0.0050	"	0.0266		91.2	73-125	8.50	30	
Fluorene	0.0130	0.0050	"	0.0266		48.8	29-122	13.6	30	
Indeno (1,2,3-cd) pyrene	0.0283	0.0050	"	0.0266		106	52-164	8.52	30	
Naphthalene	0.0117	0.010	"	0.0266		43.7	22-113	15.3	30	
Phenanthrene	0.0150	0.0050	"	0.0266		56.3	36-125	6.52	30	
Pyrene	0.0246	0.0050	"	0.0266		92.5	72-127	6.93	30	
Surrogate: p-Terphenyl-d14	0.0263		"	0.0266		98.8	13-180			
Duplicate (B9D0665-DUP1)	Source: 1901966-27	A	Analyzed:	04/24/19 2	20:30					R-05
Acenaphthene	ND	0.020	mg/kg		ND				30	
Acenaphthylene	ND	0.020	"		ND				30	
Anthracene	ND	0.020	"		ND				30	
Benz (a) anthracene	ND	0.020	"		ND				30	
Benzo (b) fluoranthene	0.0160	0.020	"		ND			120	30	QR-03
Benzo (k) fluoranthene	ND	0.020	"		ND				30	
Benzo (a) pyrene	ND	0.020	"		ND				30	
Benzo (g,h,i) perylene	0.0253	0.040	"		ND				30	
Chrysene	ND	0.020	"		ND				30	
Dibenz (a,h) anthracene	ND	0.040	"		ND				30	
Fluoranthene	0.0133	0.020	"		ND			66.8	30	QR-03
Fluorene	ND	0.020	"		ND				30	-
Indeno (1,2,3-cd) pyrene	ND	0.020	"		ND				30	
Naphthalene	ND	0.040	"		ND				30	
Phenanthrene	ND	0.020	"		ND				30	
Pyrene	0.0160	0.020	"		ND			70.6	30	QR-03
Surrogate: p-Terphenyl-d14	0.0253		"	0.0267		95.0	13-180			-

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Rincon Consultants Project: Ortega Park WO & Reported: 180 N. Ashwood Ave. Project Number: 18-06506/604 E. Ortega St., Santa Barbara, CA 1901966
Ventura CA, 93003 Project Manager: Nico Navarro 05/31/2019 12:54

## Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring - Quality Control

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B9D0665 - EPA 8270-SIM	Preparation: EPA 3550C MS	04/23/1	9 14:20							
Matrix Spike (B9D0665-MS1)	Source: 1901966-27	A	Analyzed:	04/24/19 2	21:14					
Acenaphthene	0.0226	0.020	mg/kg	0.0266	ND	85.0	23-126			
Acenaphthylene	0.0240	0.020	"	0.0266	ND	90.0	20-126			
Anthracene	0.0240	0.020	"	0.0266	ND	90.0	44-142			
Benz (a) anthracene	0.0280	0.020	"	0.0266	ND	105	40-161			
Benzo (b) fluoranthene	0.0386	0.020	"	0.0266	ND	145	33-179			
Benzo (k) fluoranthene	0.0293	0.020	"	0.0266	ND	110	44-184			
Benzo (a) pyrene	0.0360	0.020	"	0.0266	ND	135	50-156			
Benzo (g,h,i) perylene	0.0813	0.040	"	0.0266	ND	305	10-169			QM-07
Chrysene	0.0306	0.020	"	0.0266	ND	115	42-163			
Dibenz (a,h) anthracene	0.0413	0.040	"	0.0266	ND	155	17-157			
Fluoranthene	0.0333	0.020	"	0.0266	ND	125	43-154			
Fluorene	0.0213	0.020	"	0.0266	ND	80.0	29-130			
Indeno (1,2,3-cd) pyrene	0.0386	0.020	"	0.0266	ND	145	11-169			
Naphthalene	ND	0.040	"	0.0266	ND		10-123			QM-12
Phenanthrene	0.0280	0.020	"	0.0266	ND	105	29-146			
Pyrene	0.0346	0.020	"	0.0266	ND	130	42-152			
Surrogate: p-Terphenyl-d14	0.0213		"	0.0266		80.0	13-180			
Matrix Spike Dup (B9D0665-MSD1)	Source: 1901966-27	A	Analyzed:	04/24/19 2	20:52					
Acenaphthene	0.0227	0.020	mg/kg	0.0266	ND	85.0	23-126	0.0333	30	
Acenaphthylene	0.0227	0.020	"	0.0266	ND	85.0	20-126	5.68	30	
Anthracene	0.0253	0.020	"	0.0266	ND	95.0	44-142	5.44	30	
Benz (a) anthracene	0.0306	0.020	"	0.0266	ND	115	40-161	9.12	30	
Benzo (b) fluoranthene	0.0320	0.020	"	0.0266	ND	120	33-179	18.8	30	
Benzo (k) fluoranthene	0.0346	0.020	"	0.0266	ND	130	44-184	16.7	30	
Benzo (a) pyrene	0.0293	0.020	"	0.0266	ND	110	50-156	20.4	30	
Benzo (g,h,i) perylene	0.0386	0.040	"	0.0266	ND	145	10-169	71.1	30	QR-04
Chrysene	0.0306	0.020	"	0.0266	ND	115	42-163	0.0333	30	
Dibenz (a,h) anthracene	0.0213	0.040	"	0.0266	ND	80.0	17-157	63.8	30	QR-02
Fluoranthene	0.0240	0.020	"	0.0266	ND	90.0	43-154	32.5	30	QR-02
Fluorene	0.0266	0.020	"	0.0266	ND	100	29-130	22.3	30	-
Indeno (1,2,3-cd) pyrene	0.0240	0.020	"	0.0266	ND	90.0	11-169	46.8	30	QR-02
Naphthalene	ND	0.040	"	0.0266	ND		10-123		30	QM-12
Phenanthrene	0.0293	0.020	"	0.0266	ND	110	29-146	4.68	30	-
Pyrene	0.0253	0.020	"	0.0266	ND	95.0	42-152	31.1	30	QR-02
Surrogate: p-Terphenyl-d14	0.0187		"	0.0266		70.0	13-180			-

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Datab D0D0040 EDA 9270 CIM Description, EDA 2550C MC 04/20/10 10:06

# Oilfield Environmental & Compliance, Inc.

Rincon Consultants Project: Ortega Park WO & Reported: 180 N. Ashwood Ave. Project Number: 18-06506/604 E. Ortega St., Santa Barbara, CA 1901966
Ventura CA, 93003 Project Manager: Nico Navarro 05/31/2019 12:54

## Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring - Quality Control

Level Result Limits Limit	Analyte	Result	RL	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
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<b>Batch B9D0848 - EPA 8270-SIM</b>	Preparation: EPA 3550C MS	04/30/1	19 10:06					
Blank (B9D0848-BLK1)		F	Analyzed:	04/30/19 19:56				
Acenaphthene	ND	0.0050	mg/kg					
Acenaphthylene	ND	0.0050	"					
Anthracene	ND	0.0050	"					
Benz (a) anthracene	ND	0.0050	"					
Benzo (b) fluoranthene	ND	0.0050	"					
Benzo (k) fluoranthene	ND	0.0050	"					
Benzo (a) pyrene	ND	0.0050	"					
Benzo (g,h,i) perylene	ND	0.010	"					
Chrysene	ND	0.0050	"					
Dibenz (a,h) anthracene	ND	0.010	"					
Fluoranthene	ND	0.0050	"					
Fluorene	ND	0.0050	"					
Indeno (1,2,3-cd) pyrene	ND	0.0050	"					
Naphthalene	ND	0.010	"					
Phenanthrene	ND	0.0050	"					
Pyrene	ND	0.0050	"					
Surrogate: p-Terphenyl-d14	0.0360		"	0.0266	135	13-180		
LCS (B9D0848-BS1)		I	Analyzed:	04/30/19 18:33				
Acenaphthene	0.0133	0.0050	mg/kg	0.0266	50.0	30-116		
Acenaphthylene	0.0126	0.0050	"	0.0266	47.5	26-118		
Anthracene	0.0140	0.0050	"	0.0266	52.5	45-135		
Benz (a) anthracene	0.0280	0.0050	"	0.0266	105	70-135		
Benzo (b) fluoranthene	0.0276	0.0050	"	0.0266	104	61-145		
Benzo (k) fluoranthene	0.0250	0.0050	"	0.0266	93.7	70-157		
Benzo (a) pyrene	0.0240	0.0050	"	0.0266	90.0	69-146		
Benzo (g,h,i) perylene	0.0280	0.010	"	0.0266	105	50-164		
Chrysene	0.0196	0.0050	"	0.0266	73.8	78-142	Q	M-08
Dibenz (a,h) anthracene	0.0330	0.010	"	0.0266	124	50-159		
Fluoranthene	0.0233	0.0050	"	0.0266	87.5	73-125		
Fluorene	0.0140	0.0050	"	0.0266	52.5	29-122		
Indeno (1,2,3-cd) pyrene	0.0260	0.0050	"	0.0266	97.5	52-164		
Naphthalene	0.0130	0.010	"	0.0266	48.8	22-113		
Phenanthrene	0.0163	0.0050	"	0.0266	61.2	36-125		
Pyrene	0.0233	0.0050	"	0.0266	87.5	72-127		
Surrogate: p-Terphenyl-d14	0.0280		"	0.0266	105	13-180		

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## Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring - Quality Control

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B9D0848 - EPA 8270-SIM	Preparation: EPA 3550C MS	04/30/1	9 10:06							
LCS Dup (B9D0848-BSD1)		A	Analyzed:	04/30/19	18:54					
Acenaphthene	0.0183	0.0050	mg/kg	0.0266		68.8	30-116	31.6	30	QR-02
Acenaphthylene	0.0163	0.0050	"	0.0266		61.2	26-118	25.4	30	
Anthracene	0.0170	0.0050	"	0.0266		63.7	45-135	19.4	30	
Benz (a) anthracene	0.0276	0.0050	"	0.0266		104	70-135	1.13	30	
Benzo (b) fluoranthene	0.0356	0.0050	"	0.0266		134	61-145	25.3	30	
Benzo (k) fluoranthene	0.0320	0.0050	"	0.0266		120	70-157	24.6	30	
Benzo (a) pyrene	0.0237	0.0050	"	0.0266		88.8	69-146	1.33	30	
Benzo (g,h,i) perylene	0.0260	0.010	"	0.0266		97.5	50-164	7.34	30	
Chrysene	0.0253	0.0050	"	0.0266		95.0	78-142	25.3	30	
Dibenz (a,h) anthracene	0.0306	0.010	"	0.0266		115	50-159	7.26	30	
Fluoranthene	0.0237	0.0050	"	0.0266		88.8	73-125	1.49	30	
Fluorene	0.0273	0.0050	"	0.0266		102	29-122	64.6	30	QR-02
Indeno (1,2,3-cd) pyrene	0.0243	0.0050	"	0.0266		91.2	52-164	6.56	30	
Naphthalene	0.0170	0.010	"	0.0266		63.7	22-113	26.7	30	
Phenanthrene	0.0217	0.0050	"	0.0266		81.2	36-125	28.1	30	
Pyrene	0.0280	0.0050	"	0.0266		105	72-127	18.2	30	
Surrogate: p-Terphenyl-d14	0.0256		"	0.0266		96.3	13-180			
Duplicate (B9D0848-DUP1)	Source: 1902128-13	A	Analyzed:	04/30/19 2	20:16					
Acenaphthene	ND	0.0050	mg/kg		ND				30	
Acenaphthylene	ND	0.0050	"		ND				30	
Anthracene	ND	0.0050	"		ND				30	
Benz (a) anthracene	ND	0.0050	"		ND				30	
Benzo (b) fluoranthene	ND	0.0050	"		ND				30	
Benzo (k) fluoranthene	ND	0.0050	"		ND				30	
Benzo (a) pyrene	ND	0.0050	"		ND				30	
Benzo (g,h,i) perylene	ND	0.010	"		ND				30	
Chrysene	ND	0.0050	"		ND				30	
Dibenz (a,h) anthracene	ND	0.010	"		ND				30	
Fluoranthene	ND	0.0050	"		ND				30	
Fluorene	ND	0.0050	"		ND				30	
Indeno (1,2,3-cd) pyrene	ND	0.0050	"		ND				30	
Naphthalene	ND	0.010	"		ND				30	
Phenanthrene	ND	0.0050	"		ND				30	
Pyrene	ND	0.0050	"		ND				30	
Surrogate: p-Terphenyl-d14	0.0186		"	0.0266		70.0	13-180			

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Ventura CA, 93003 Project Manager: Nico Navarro 05/31/2019 12:54

## Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring - Quality Control

Analyte		Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B9D0848 - EPA 8270-SIM	Preparation: EPA 3	3550C MS	04/30/1	9 10:06							

<b>Batch B9D0848 - EPA 8270-SIM</b>	Preparation: EPA 3550C M	S 04/30/1	9 10:06							
Matrix Spike (B9D0848-MS1)	Source: 1902128-13	A	Analyzed:	04/30/19 1	9:14					
Acenaphthene	0.0107	0.0050	mg/kg	0.0266	ND	40.0	23-126			
Acenaphthylene	0.0110	0.0050	"	0.0266	ND	41.2	20-126			
Anthracene	0.0127	0.0050	"	0.0266	ND	47.5	44-142			
Benz (a) anthracene	0.0283	0.0050	"	0.0266	ND	106	40-161			
Benzo (b) fluoranthene	0.0233	0.0050	"	0.0266	ND	87.5	33-179			
Benzo (k) fluoranthene	0.0210	0.0050	"	0.0266	ND	78.8	44-184			
Benzo (a) pyrene	0.0260	0.0050	"	0.0266	ND	97.5	50-156			
Benzo (g,h,i) perylene	0.0296	0.010	"	0.0266	ND	111	10-169			
Chrysene	0.0240	0.0050	"	0.0266	ND	90.0	42-163			
Dibenz (a,h) anthracene	0.0350	0.010	"	0.0266	ND	131	17-157			
Fluoranthene	0.0207	0.0050	"	0.0266	ND	77.5	43-154			
Fluorene	0.0113	0.0050	"	0.0266	ND	42.5	29-130			
Indeno (1,2,3-cd) pyrene	0.0270	0.0050	"	0.0266	ND	101	11-169			
Naphthalene	0.00966	0.010	"	0.0266	ND	36.2	10-123			
Phenanthrene	0.0147	0.0050	"	0.0266	ND	55.0	29-146			
Pyrene	0.0220	0.0050	"	0.0266	ND	82.5	42-152			
Surrogate: p-Terphenyl-d14	0.0256		"	0.0266		96.3	13-180			
Matrix Spike Dup (B9D0848-MSD1)	Source: 1902128-13	A	Analyzed:	04/30/19 1	9:35					
Acenaphthene	0.0173	0.0050	mg/kg	0.0266	ND	65.0	23-126	47.6	30	QR-02
Acenaphthylene	0.0170	0.0050	"	0.0266	ND	63.7	20-126	42.9	30	QR-02
Anthracene	0.0187	0.0050	"	0.0266	ND	70.0	44-142	38.3	30	QR-02
Benz (a) anthracene	0.0260	0.0050	"	0.0266	ND	97.5	40-161	8.59	30	
Benzo (b) fluoranthene	0.0256	0.0050	"	0.0266	ND	96.3	33-179	9.52	30	
Benzo (k) fluoranthene	0.0237	0.0050	"	0.0266	ND	88.8	44-184	11.9	30	
Benzo (a) pyrene	0.0233	0.0050	"	0.0266	ND	87.5	50-156	10.8	30	
Benzo (g,h,i) perylene	0.0463	0.010	"	0.0266	ND	174	10-169	43.9	30	QM-11, QR-04
Chrysene	0.0230	0.0050	"	0.0266	ND	86.3	42-163	4.26	30	
Dibenz (a,h) anthracene	0.0550	0.010	"	0.0266	ND	206	17-157	44.4	30	QM-11, QR-04
Fluoranthene	0.0250	0.0050	"	0.0266	ND	93.7	43-154	19.0	30	
Fluorene	0.0167	0.0050	"	0.0266	ND	62.5	29-130	38.1	30	QR-02
Indeno (1,2,3-cd) pyrene	0.0433	0.0050	"	0.0266	ND	162	11-169	46.4	30	QR-02
Naphthalene	0.0157	0.010	"	0.0266	ND	58.8	10-123	47.4	30	QR-02
Phenanthrene	0.0190	0.0050	"	0.0266	ND	71.2	29-146	25.7	30	
Pyrene										
1 yrene	0.0243	0.0050	"	0.0266	ND	91.2	42-152	10.1	30	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Rincon Consultants Project: Ortega Park WO & Reported: 180 N. Ashwood Ave. Project Number: 18-06506/604 E. Ortega St., Santa Barbara, CA 1901966
Ventura CA, 93003 Project Manager: Nico Navarro 05/31/2019 12:54

## **Notes and Definitions**

QB-01	The method blank contains analyte at a concentration above the RL/PQL; however, concentration is less than 10% of the sample result, which is negligible according to method criteria.
B-02	The method blank contains analyte at a J-flag concentration.
B-02n	The method blank contains analyte at a J-flag concentration. Concentration is less than 10% of the sample result, which is negligible according to method criteria.
C-01	To reduce matrix interference, the sample extract has undergone sulfuric acid clean-up, method 3665, which is specific to hydrocarbon contamination.
C-06	To reduce matrix interference, the sample extract has undergone pentane clean-up, which is specific to contamination from high molecular weight material (asphaltenes).
CCHI	The CCV for this analyte failed high. Analyte result is ND. Data is not impacted.
D-04	The sample chromatographic pattern does not resemble the fuel standard used for quantitation.
HT-03	This sample was analyzed outside of the EPA recommended holding time per the client's request.
HT-04	This sample was extracted outside of the EPA recommended holding time per the client's request.
ISlowA	The internal standard associated with this analyte fails the method criteria on the low side. Results may be biased high.
N-01	Analyte concentration exceeds TTLC.
N-02	Analyte concentration below TTLC but above 10x STLC.
B-01	The method blank contains analyte at a concentration above the RL/PQL.
N-07	STLC analyte concentration exceeds STLC limit.
S-LOW	Low surrogate recovery confirmed as a matrix effect by a second analysis.
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.
QM-08	The spike recovery was outside acceptance limits for the LCS. The batch was accepted based on acceptable LCSD recovery.
QM-09	The spike recovery was outside acceptance limits for the LCSD. The batch was accepted based on acceptable LCS recovery.
QM-11	Spike recovery fails high. Sample results are ND. Data results are not impacted.
QM-12	The spike recoveries for the MS and/or MSD are not available due to sample dilution required from high analyte concentration and/or matrix interference(s).
QM-4X	The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to analyte concentration at 4 times or greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch
	accepted based on LCS and/or LCSD recovery and/or RPD values.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Rincon Consultants Project: Ortega Park WO & Reported: 180 N. Ashwood Ave. Project Number: 18-06506/604 E. Ortega St., Santa Barbara, CA 1901966
Ventura CA, 93003 Project Manager: Nico Navarro 05/31/2019 12:54

## **Notes and Definitions**

R-01	The Reporting Limit has been raised to account for matrix interference.
R-05	The sample was diluted due to the presence of high levels of non-target analytes resulting in elevated reporting limits.
S-02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
N-03	Analyte concentration above 20x TCLP.
RL	Reporting Limit (Quantitation Limit)
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference

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Phone: (805) 922-4772 Fax: (805) 925-3376 www.oecusa.com

101 Adkisson Way, Taft, CA 93268

Phone: (661) 762-9143

**CHAIN OF CUSTODY** 

				<u>,                                     </u>							وسسك
Company: RINCON CONULTANTS	Proje	Project Name/#: **ORTEGA PARK / 18 - 06 506									
Address: 180 N. ASHWOOD AVE	Site:	<b>,</b>									
City/State/ZIP: VENTURA, CA 93003										Special Instruction	ons:
Phone: 805.223.5066 Fax: nnavarro E-mail: Mnavarro  E-mail: Mnavarro  Tincon consultants	1. Z	2			0	حا					
Report To: NICO NAVARRO Sampler: NICO NAVARRO	EPA 8015M	8270	EPA 60108	111	EM 826 01	Cos					l
Report Format(s): FAX- PDF (std)- Colt/LUFT EDF- EDD-	74	PA PA	20	74.	N.	EPA (					
Furnaround Time: 10 Days- 5 Days (std)- 3 Days- 2 Days- 1 Day- ASAP-		400			2 2						l
NOTE: Samples received after 4:00PM will be considered as received the next business day	1 =	1 60	43	7	3	<u>~</u>					
OEC Sample ID  Date/Time Sampled  Matrix** # of Cont.  Client Sample ID	雪	## B##	まま	Mercury	VOCs by	2829					· ·
190191010 a 4.16.19/830 5 RB1-2									·	HOLD	
toz / 830   RB 1-4											
1900 RB2-2											
od / 900   RB2-4											
ng / 910   R83-2											
24 / 910 RB3-4											
/ 925 R87-2											
og /925 RB7-4											
1 / 945 RB4-2											
10 / 945 RB4-4										·	
H / 950 RB6-2											
12 1,950 + RB6-4										V	
Relinquished By: White Warners Date: 4-16-19 Time: 17-15		x Key*		Comn	nents/F	PO#:				:	
Received By: # Date: 4/16// 9 Time: / 7/5		aqueou: drinking		1							
Relinquished By: ### Date: 4/15/19 Time: 1912	F = filt	er ground	water								
Received By: OEC FRINGE Date: 4/16/19 Time: 1912	PW =	oduct / product	water			*	•		,		
Relinquished By: OEC FUNGE Date: 4/17/19 Time: 0755		lid / sec surface									
Received By: Date: 4/17/19 Time: 6755	WP = 1	wipe waste v	water			-					(ma/ca/
										Rev 09/	/23/2014

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Phone: (661) 762-9143

**CHAIN OF CUSTODY** 

Company: RINCON CONSULTANTS	Project Namel#: DRTEGA PARK 18-06506							
Address: 180 N. ASHWOOD AVE	Site:							
City/State/ZIP: VENTURA, CA 93 00 3	Analysis Requested Special Instructions:							
Phone: 805-223.5066 Fax: — E-mail: MNA VARTO @ rinconconsultants  Report To: NICO NAVARRO Sampler: NICO NAVARRO	EPA 82608 EPA 82608 EPA 82608 EPA 8082							
Report Format(s): FAX- PDF (std)- Colt/LUFT EDF- EDD-	EPA 8018							
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								
OEC Sample ID  Date/Time Sampled  Date/Time Sampled  Date/Time Sampled  Date/Time Sampled  Date/Time Sampled  Date/Time Sample ID  Date/Time Sample ID	Merus 18 PAH 64 PAH 64 PAH 64 PAH 64 PAH 64 PAGE 64 PA							
19019100 3 4.16.19/1000 S 1 RB5-2	HOLD							
u /1000 R85-4								
E /1020 RB9-2								
No /1020 RB9-4								
7 /1030   RB10-2								
1030 RB10-4								
19 / 1345   HP4-5								
20 /1350 HPY-10								
21 /1410   RB15-2								
2 /1415   RB15-4								
2 4/1420 4 + RB14-2								
2 1/1420 1   RB14-4								
Relinquished By: White Vanau Date: 4.16.19 Time: 17-15	Matrix Key**: Comments/PO#:  A = air / vapor							
Received By: Date: 4/15/19 Time: 17/5	AQ = aqueous DW = drinking water							
Relinquished By: ## Date: 4/14/19 Time: 19/2	F = filter  GW = ground water							
Received By: OFC (2116) Date: 4/16/19 Time: 19/2	P = product / oii  PW = product water  S = politic (applicant)							
Relinquished By: OEC FRIDEE Date: 4/17/19 Time: 0755	S = solid / sediment SW = surface water							
Received By: 91/17/19 Time: 07.55	WP = wipe WW = waste water Rev. 09/23/20							



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Phone: (661) 762-9143	Phone:	(661)	762-9143
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Page 3 of 4

Company: RINCON CONSULTANTS	Projec	ct Nan	ne/#:	ORT	Eq.	4	PAR	K/	18-0	6506	
Address: 180 N. ASHWOOD AVE	Site:							l			w
City/State/ZIP: VENTURA, CA 93003		Analysis Requested								Spec	ial Instructions:
Phone: 805-223-5066 Fax: E-mail: nnavarro@rincon consultants	S. M.	ъ	0.0	4	EPA Balob	82					
Report To: NICO NAVARRO Sampler: Nico NAVARRO .com	galsm	EPA 8270	40	25	\$	EPA FORZ					
Report Format(s): FAX- PDF (std)- Colt/LUFT EDF- EDD-	BA (	4	EPA	J.	25	3					·
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	4.4	3	-	ž		3					4
OEC Sample ID Date/Time Sampled (see key) Cont. Client Sample ID	TPH 1	P4# 6	35	Mercun	Vac	PCB,					
19019101254-16.19/1045 S 1 HP5-5										H	DLD
24 /1050   1 495-10											1
zi /1150   RB11-2											
28 / 1150   RB11-4											
24 /1220 HP3-5											
20 /1225 HP3-10											
31 (1435 HP2-5		-								A COLUMN TO A	
1440 HP2-10											
1450 HP1-5											
34 /1455 HP1-10											
35 / 1510 RB13-2											/
34 /1510 U RB13-4										V	
Relinquished By: When Marans Date: 4.16.19 Time: 1915	Matrix A = air			Comm	ents/F	PO#:					
Received By: Date: 4/16/19 Time: 17/3	AQ = a DW = c										
Relinquished By: Jate: 9/16/19 Time: 19/2	F = filte GW = g	ground							•		
Received By: OECFRIDGE Date: 4/16/19 Time: 1917	<b>P</b> = pro <b>PW</b> = p	oroduct	water				•				
Relinquished By: OEC Date: 4/17/19 Time: 0755	S = sol SW = s	surface					`,				
Received By: 974 Time: 0755	WP = v WW = v		vater								Pov. 09/23/201/

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* * .	4		4

Phone: (805) 922-4772 Fax: (805) 925-3376 www.oecusa.com 18-06506 RINCON CONSULTANTS Project Name/#: PRTEGA PARK Company: N. ASHWOOD AVE Address: Special Instructions: **Analysis Requested** 1/ENTURA CA 93003 City/State/ZIP: EP4 8260B POISM E-mail: nnavarro @ rinconconsulbant Phone: 805-223, 5066 Sampler: EP.4 Report Format(s): FAX-PDF (std)-Colt/LUFT EDF-EDD-Turnaround Time: 10 Days-5 Days (std)-3 Days-2 Days-1 Day-NOTE: Samples received after 4:00PM will be considered as received the next business day Matrix\*\* Date/Time # of **OEC Sample ID Client Sample ID** Sampled (see key) Cont. HOLD) RB8-2 RB8-4 1525 1518 RB12 Matrix Key\*\*: Comments/PO#: Relinguished By: Time: A = air / vapor AQ = aqueous 4 Time: Received By: Date: DW = drinking water Relinquished By: Date: GW = ground water Time: P = product / oil Received By: Time: PW = product water S = solid / sediment Date: 4/17/19 Relinquished By: SW = surface water Time: WP = wipe 0755 Date: 4/17/19 Received By: Time: WW = waste water

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Phone: (805) 922-4772 Fax: (805) 925-3376 www.oecusa.com	. *	Phor	ie: (6	61) 76	2-914	3	¥ «.		P	Pageof_	<u> </u>
Sompany: RINCON CONULTANTS	Proje	ct Nan	1e/#;	OR1	reg,	4 ]	PARK	c/18-	-06:	506	
Address: 180 N. ASHWOOD AVE	Site:	60	4	E	014	ego	7 St	, Sa	nta	Bollocia	, CA
City/State/ZIP: VENTURA, CA 93003		 Orang Change		Anal	ysis f	Requ	ested			Special Instruc	tions:
Phone: 805.223.5066 Fax: Anavarro E-mail: Anavarro Princon consultants.	ž	2	1		89	ಡ	8			Ropolt	•
Report To: NICO NAVARRO Sampler: NICO NAVARRO COM	Soism	23	401	112	3	EM COLD	(4/m/m)			Report	pa
Report Format(s): FAX- PDF (std)- Colt/LUFT EDF- EDD-	四	12	£2	7	器	Œ	き			INTE	
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OEC Samuel ID  Date/Time   Matrix** # of   Client Sample ID  Sampled   See key   Cont.   Client Sample ID	書	畫	Atta 2	Rea	VOCT by EM BLGOB	928.4 Jr	오			*	
901910 416.19/830 S 1 881-2	X	X	X	X						HOLD	
830   RB1-4				*			X				
03 / 900   RB2-2	×	X	V	X	W W W W W W W W W W W W W W W W W W W						
	* -	_	<i>-2</i>				X				
						<u> </u>	X	<del>- +</del>	1		
0g / 10   RB3-2		. /		X.2	,	. ,		-+-	+		
6 1910 RB3-4	X	×	X	X	X	X			1-1		
/ 925   RB7-2							X		1-1		
69 /925   RB7-4	X	X,	X	X	X	$\mathbf{X}$			1		
/ 945							X				
10 / 945   RB4-4	X	X	X	X	X	X					
18 / 950 RB6-2			,				X				
1,950 V RB6-4	X	X	X	X	X					V	
7/1-70	Matri: A = air	k Key** / vapor		Comn	nents/	PO#:	نمات ا	o ox	Vae	nates	
eceived By: #16// 7 Time: /7/5		iqueous drinking	water	~	-7 CL	(1 A)	0012	3 uh	alia	nates @	
elinquished By: A. Date: 4/15/19 Time: 1912	F = file GW =	er ground (	vater	×	Re	Du	2318	7 7	11.		
eceived By: OEC FRIRGE Date: 4/16/19 Time: 19/2	P = pr	oduct/d product	i				• • •	· • 1	•		
elinquished By: OEC FANGE Date: 4/17/19 Time: 0753	S = so	lid / sed	ment			*				. •	
	WP =		e Growth	· ·	N.		**	* *			ξ.

Report Format(s):

**Turnaround Time:** 

Company: RINCON

## Oilfield Environmental and Compliance

307 Roemer Way Suite 300, Santa Maria, CA 93454

CONSULTANTS

PDF (std)-

Matrix\*\*

(see key)

5 Days (std)-

# of

Cont.

N. ASHWOOD AVE

City/State/ZIP: VENTURA, CA 93 00 3

Report To: NICO NAVARRO

2000000000

805.223.5066 Fax: --

10 Days-

Date/Time

Sampled

1000

1020 1020

1030

1030 1345 1350

1011 1 4.16-19/1000

Phone: (805) 922-4772 Fax: (805) 925-3376 www.oecusa.com

Sampler: Nico NAVARPO

CONLUFT EDF-

3 Days-

NOTE: Samples received after 4:00PM will be considered as received the next business day

RB5-2 RB5-4

RB9-2

RB9-4

RB10-2

				son W 61) 70	lay, Ti i2-914		4 932	68	. *	ı	age_	2 of 4
	Proje	ct Nan	ne/#:	DR	TEG.	4 94	KK)			165		
	Site:	60	4:	E	24	eg	a '	<u></u>	Sa	Ma	Bai	bara, CA
				Anal	ysis f		ested				Spec	ial Instructions:
<u>/t.</u>	TP+6, EP4 SOISM	OF 64 FPA 8270	THE SE EPA Number 6010R	Meruny by 2471A	VOCTL EPA 82608	PCB. L. EPA 8082	(bile1/h) PIOFI			- 45	Rey N	POST NDL
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							X					
	X	X	X	X	X	X					ř	
	X	X	Y	x	X						24,	
			`				X					
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	X	×	X	X	X							
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2 /1415	RB15-4	
4/1420 + +	RB14-2	$\times \times \times$
2 1/1420	1814-4	
linguished By: White Vlancers	Date: 4-16-19 Time: 17:15	Matrix Key*: Comments/PO#:  A=air/vapor
ceived By:	Date: 4/6/19 Time: 17/5	A=air/vapor AQ=aqueous DW=drinking water F=filter GW=ground water  X Requested 4/17/19 600
linquished By:	Date: 4/16/19 Time: 1912	
ceived By: DEC CUPSE	Date: 4/16/19 Time: 1912	P ≠ product / oil PW = product water
linquished By: OEC FRIDE	Date: 4/17/19 Time: 0755	S = solid / sediment SW = surface water
ceived By:	Date: 4/17/19. Time: 0755	WP = wipe WW = waste water
		Rev. 09/23/2014

E-mail: Mna Varro (Princon Consultan

1 Day-

ASAP- [

EDD-

Client Sample ID

2 Days- □

Rev. 09/23/2014



Report To: NICO

Report Format(s):

Turnaround Time:

Relinquished By:

Relinquished By:

Relinquished By: OEC

Received By:

Received By:

Received By:

Phone: \$05-223-5066

19/19/10/15

FAX-

10 Days-

Date/Time

Sampled

1050

1150

1150

1220

1225 1435

1440

1450 1455

1510

1510

OEC FRIDGE

lavaris

## Oilfield Environmental and Compliance

Sampler: Nico NAVARRO

NOTE: Samples received after 4:00PM will be considered as received the next business day

HP5-5

HP5-10

RB11-2

RB11-4

HP 3-5 HP3-10

HP2-5

HP2-10

HP1-10

RB13-2

Date: 4/17/19

Time: 075 Time: 0751

WW = waste water

Colt/LUFT EDF-

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Phone: (805) 922-4772 Fax: (805) 925-3376 www.oecusa.com

PDF (std)-

Matrix\*\*

(see key)

5 Days (std)-

# of

Cont.

ASHWOOD.

VENNIRA, CA 93003

RINCON CONSULTANTS

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5) 925-3376 www.oecusa.com				61) 76	* 9		x 357	**	· ·	F	age <u>3</u> of <u>4</u>		
Project Name/#: ORTEGA PARK / 18-06506													
	A	60	Section 1				ر 🔾		Sar	Ata	Barbara, CA	1	
		2	:	Special instructions:									
E-mail: Mnavarro@ Mincon consultants	Analysis Requested										Report		
NAVARRO COM	By palsm	日本窓子	74 010 80	2	EP4 falos	EPA fogs	4/12/14				mor		
TEDF- EDD-	Z	毫	20°	AC.		g,	1/1				11.00		
2 Days- 1 Day- ASAP- red as received the next business day	TO 3	<u>.</u>	N'S		×	7					w k		
Client Sample (D	HAL	144	<b>美</b>	Mecan	Vac.*	PCR.	PPP		·				
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0	X	X	X	X									
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Date: 4.16.19 Time: 1915  Date: 4/6/14 Time: 1715  Date: 4/16/14 Time: 1912	A=air AQ=a DW=i F=filb		water	Comit X X	rents/f	io#: Vic eg	(ن مح	ing ste	d	47	enotes 17/19 @		
Date: 4/16/19 Time: 19/7	GW = ground water  P = product / oil  PW = product water  S = solid / sediment												
Date: 4/17/19 Time: 0755	S = solid / sediment SW = surface water												

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Phone: (661) 762-9143

CHAIN OF CUSTODY

Company: LINCON CONSULTANTS	Proje	ct Nan	ne/#:	021	EGA	<u> </u>	PAR	ĸ/	18-	065	06
Address: 180 N. ASHLIDOD AVE		60	4 1	$\in C$	<b>X</b> +e	390	5-	-/5	San	la E	Barbara, CA
City/State/ZIP: VENTURA, CA 93.003				A. 2	ysis I	Requi	ested	V. 7. 800			Special instructions:
Phone: \$65-223.5066 Fax: E-mail: NNOVATYO (Inconcentulant Report To: VICO VAVARRO Sampler: VICO VAVARRO COM  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  Date/Time Matrix** # of		9-0		Marun 6P4 7472	2	7.3	22				Report MDL
Sampled (See key) Cont.	LE	0	22	18		<u> </u>	=				- Mar N
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	-									7	
Relinquished By: Thing Maraus Date: 4.16.19 Time: 17/5	A≂air	K Key* / vapor igueous	r	Comn	nents/	PO#: LC\U	din	9 (	жy — т	gen	ales 119 000
Received By: Date: 4/16/19 Time: /7/5	DW =	drinking			ີ ດ			الما	u	117	19 00
Relinquished By: July Date: 4/16/14 Time: 19/2	4	ground		ΙX	. K	O	e y	TEU		1''	
Received By: OEFRINGE Date: U/16/19 Time: 19/7	PW=	oduct/c product	water					•		•	e e e e e e e e e e e e e e e e e e e
Relinquished By: OEC FLYGE Date: 4/17/19 Time: 9755	sw=	lid / sed surface								• .	
Received By: 2165 Time: 0755	WP = 1 WW =	wipe waste v	vater								Rev. 09/23/2014

CC CLIENT: RINCON	COC DECENTED DATESTING 417-119	755	
	CLIENT: RINCON	<u> </u>	

WORK ORDER: 90900 TEMPERATURE: 3.5 °C SAMPLE REC Recorded Corrected; Acceptable Range: 0°C to 6°C [see exception of the below]

	COC RECEIVED DATE TIME.	<del></del> '	<u> </u>	LOOK DATE TIME			TEL TROPIENT OR (S).		
SAMPLE TRANS	SPORT	SAMPLE	RECEIPT, COND	ITION, PRES	ERVATION	(*) Narration Comment Required	YES NO N/A		See attached
OEC Courier/Sam	pler	Samples	Received on Ice With	in Temperature Ra	nge [Acceptable]	Completed COC(s) Received With Sample	es 🗗 🗆 *	PROBI	LEM CHAIN for additional
Delivery (Other tha	an OEC)	☐ Samples	Received Outside Ter	mperature Range [	Acceptable]	Correct Container(s)/Preserve for Analysis		narratio	on comments
☐ After-Hours Outsid	de Drop-Off [Brought Inside]	☐ Dire	ect from Field, on Ice			Container(s) Intact and in Good Condition	CH 41	( ** ) OI	EC Presrv. ID
Initials/Date/Time:		☐ Ami	bient: Air or Filter Matr	ix		Container Label(s) Consistent with COC		-	
☐ Shipment	Carrier:	☐ Red	eived Ambient, Placed	d on Ice for Transp	ort	OEC Preservation Added **			
Tracking #:		☐ San	nple Temperature Acc	eptable for Analysi	s Requested	Sample Quantity Sufficient & Appropriate			
CUSTODY SEAL	LS None Present	☐ Samples	Received Outside Tel	mperature Range [	Exception] *.	VOA Containers Free of Headspace			
Cooler(s):   Present	nt, Intact 🗆 Present, Not Intact 🗀 None	☐ Inst	ifficient Ice or Unknow	n Cause		Tedlar Bag(s) Free of Condensation			·
Sample(s): ☐ Presen	nt, Intact  Present, Not Intact  None	☐ Excessiv	e Free Liquid in Samp	le Bags or Cooler					
CONTAINERS, C	COC CHANGES, AND/OR CORRE	CTIONS		1	<del>i 1000 100 i 1000</del>				INITIALS
OEC CONTAINER ID	CONTAINER DESCRIPTIO		PRESERVATIVE	CHECKS: Cl, S &/or pH	MATRIX	COMMENTS			(Narration Comments Only)
01-39A	1- Plastictub	e Ea			5	8 * SAMPLE 3	9A 15 LABE	てどう	
						2B12-1 COC	RB12	06	
						* CLIENT RESPONDED 41	REQUESTED TH	4T [	Ed 04/17
						"RB12-1" BEUSED AS	SAMPLE ID.		
1,3,6,8,10,128	1-20ml VOA EA				5	(VOA-1)			
14,16-17,19-21 B						1			
23, 25-27, 29-35B									
37,39 B	l J				\ \tag{ \} \tag{ \tag} \} \tag{ \ta}	•			
								· · · · · · · · · · · · · · · · · · ·	
		7	1						
						- V /			Rev. 02/25/2019

**RECEIPT LOGIN BY:** 

RECEIPT REVIEWED BY:

# Oilfield Environmental and Compliance 307 Roemer Way Suite 300, Santa Maria, CA 93454 Phone: (805) 922-4772 Fax: (805) 925-3376 www.oecusa.com

101 Adkisson Way, Taff, CA 93268

Phone: (661) 762-9143

COMPANY: RINCON CONULTANTS				Project Namel#: - ORTEGA PARK / 18 - 06 506								
Address: 180 N. ASHWOOD AVE	Site	· 6	١4	E	ØΑ	eg	<u> </u>	7.) (2)	San	<i>ita</i>	Borbora, CA	
City/State/ZIP: VENTURA CA 93003		Column 15 June	KRP 250 11 25 X 1	Anal	ysis F	Requ	estec		F.,		Special Instructions:	
Phone: 805.223.5066 Fax: E-mail: Anavarra Orinconconsultant	3 PS 108	<b>R</b>	-	4	EM 846 08	ત	(4/14)	3		3,5,5,00	Report	
Report To: NICO NAVARRO Sampler: NICO NAVARRO	<u>"</u>	3	9	7	<b>3</b>	Š	<b>P</b>	\$		_		
Report Format(s): FAX- PDF (std)- Coll/LUFT EDF- EDD-	4	12	30	7	器	æ	3	As, (	Ţ	Pb	MOL	
Turnaround Time: 10 Days 5 5 Days (std)- 3 Days 2 Days 1 1 Day- ASAP- NOTE: Samples received after 4:00PM will be considered as received the next business day	, cu	7 2	1	कू दे	-25	_E	מ		2	3	added	
SEC Sample ID Date/Time Matrix** # of Cont. Client Sample ID		1 PAH 69 BA8276	Title of	Rece	100K 15	183	Hold	Total	STC	Total	43019 amz	
1901010 a 4.16.19/830 5 1 RB1-2	×	X	X	X			i.			•	HOLD	
m / 830   RB1-4				3			X					
8 / 900   RB2-2	×	x	X	X								
M / 900   RB2-4	1			5.4			X					
06 / 910   R83-2		A				-	X			÷		
6 1 910 RB3-4	X	×	X	X	X	X						
R87-2							Х					
65 /925 RB7-4	X	X	X	X	X	×						
1945 RB4-2	A						X					
10 / 945   RB4-4	X	×	X	X	X	X						
11 / 950 RB6-2	A	A		•		20000	X					
12 1 1950 + V RB6 -4	X	X	X	X	X						V	
Relinquished By: Mice Warand Date: 4-16-19 Time: 17:15		x Key* r/vapor		Comn	nents/F	O#:	1	· .		10-	hees	
Received By: # 16/19 Time: 17/5	AQ =	aqueous drinking	water	-	twc	100	oni-	9	ule	a Ira	nates ©	
Relinquished By: ALL Date: 4/19/19 Time: 1912	F=fil		water	×	Ke	Do.	e>+€	O .	1	t tex	<b>6</b>	
Received By: OEC FRIGE Date: 4/16/19 Time: 19-12	PW≃	oduct/c product	water					•	•			
Relinquished By: OEC FUNGE Date: 4/17/79 Time: 0.755	sw=	olid / sed surface		í				•				
Received By: 21 Time: 0755.	WP= WW=	wipe waste v	rater	170,000		ilian .	and the second					

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Phone: (661) 762-9143

CHAIN OF CUSTODY

Page \_\_1\_\_\_ of \_\_\_\_\_\_

Company: RINCON CONULTANTS	Project Name/#: **ORTEGA PARK / 18-06506
Address: 180 N. ASHWOOD AVE	Site:
City/State/ZIP: VENTURA, CA 93003	Analysis Requested Special Instructions:
Phone: 805.223.5066 Fax: nnavarro E-mail: Mararta d'inconconsultants	12 8 8 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Report To: NICO NAVARRO Sampler: NICO NAVARRO	EPA 8015M 2 - EPA 8017D 2 - EPA 8017D 3 - EP
Report Format(s): FAX- PDF (std)- Colt/LUFT EDF- EDD-	102 EPA 82 EPA 8
Turnaround Time: 10 Days- 5 Days (std)- 3 Days- 2 Days- 1 Day- ASAP-	四四二十二二二二
NOTE: Samples received after 4:00PM will be considered as received the next business day  Date/Time Matrix** # of	PAH 64 Merung VOCS by ST.C. I ST.C. I ST.C. I
GEC Sample ID Sampled (see key) Cont. Client Sample ID	PAH 64 E THE 22 - MESELS FOR 17 TO TO TO TO TO TO 17 TO
190 9100 a 4.16.19/830 \$ RBI-2	HOLD
12 / 830   RB1-4	
13 / 900   RB2-2	
M / 900   RB2-4	
1 910 RB3-2	
1 910 RB3-4	
/ 925 R87-2	
og /925 RB7-4	
1 / 945 RB4-2	
16 / 945 RB4-4	
N / 950 RB6-2	
12 1 1950 + RB6 -4	
Relinquished By: Miss Marand Date: 4.16.19 Time: 17:15	Matrix Key**: Comments/PO#: A = air / vapor
Received By: # 16/19 Time: /7/5	AQ = aqueous DW ≃ drinking water
Relinquished By: All Date: 4/15/19 Time: 1912	F = filter GW = ground water
Received By: OEC FRIGE Date: 4/16/19 Time: 19/2	P = product / oil PW = product water
Relinquished By: OEC FLIGHT Date: 4/17/19 Time: 0753	S ≃ solid / sediment SW ≃ surface water
Received By: Date: 4/17/19 Time: 6755.	WP = wipe WW = waste water
	Rev. 09/23/2014

X25782554-

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CHAIN OF CUSTODY

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Phone: (661) 762-9143

Company:	RING	ON	CIN	SUL	TAI	VIS	And the second second second		· ·		Proje	at Nan	ie/#:	DR	EGA	1 74	ex/	18	- 0	650	96	
Address:	180	N.	ASHU	1000	A	-VE		Transition of the second			Site:	60	4 1	E 6	110	ego	a ' {	٠, الح	Sa	Ma	Bar	bara, Cf
City/State/ZII	· Ve	NTURA	L, CA	93	7 00	3	+	200000000000000000000000000000000000000			*				/sis R	eque		or other Wilson				al Instructions:
Report To:	Nico	23.50 NAV	RRO	Fax:		Sampl	er: Nico NA	WARPO	(Principal Constant	ultan fs. Com	Busm	18270	EPA OLOB	Mercury by 94914	BP4 82608	4 8082	4/14/19)		CLP Gr		Ref	2017 1DL
Report Form Turnaround		FAX-		PDF (		)- X	Colt/LUFT EDF- 3 Days-			SAP-	4	级	$\sim$	4	38	EP4	Ę	Z	7	9	γV	IDL
i uniaiouna		, in the Am	4		51		I be considered as		S. W.	avas- [ ]	The state of	- 28	बुङ	S		5-3		1	$\overline{\mathcal{L}}$	1		
OEC Sami	ue ID	Date/ Sam		Matri (see k		# of Cont.	N. Mess	Client San	nple ID	÷	TM	1440	Title 28 Metals	Men	14C.7	12.65	Plot	T01a	3	Total		
140141	(U.5	4-16-19	1000	Ş		1	RB5-2				,						X				HO	LD
	14	1,	1000				R85-4		,		X	X	V	X	X							in the second second second
	F	1	1020				RB9-2		-								X					<b>4.</b>
	) Te	1/	1020				RB9-4	pî -			X	X	X	X	X	X						
	11	1/	1030		1		R810-2				X	X	V	V	X							
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	· ia		1345		1		HP4-5	*	Action with the state of the st	v	X	$\times$	×	$\mathbf{v}$								
	90		1350		1		H84-10	*			X	×	V	$\hat{\mathbf{x}}$	X					-	1	
	7		410		1		RB15-2		52		X	X	$\widehat{\mathbf{x}}$	$\overline{\mathbf{x}}$				7		١		
	62		415	1	7	11	RB15-4									十	X	7	7			· · · · · · · · ·
			420	1	$\dagger$	$\downarrow \mid$	RB14 - 2				X	×	X	Z	_		$\rightarrow$		}		٠,١,	<del>,</del>
	- 10		420	十	+	W. C. W. L.	RB14-4	CARL CARRY					$\widehat{}$		-	-	$\times$	寸		كامييت	· · · · · ·	<u> </u>
Relinquished	Bv: 7	12t	7	and		<del></del>		41619	Time: 17-15		Matrix N= air /	Key**		Comm	ents/P	O#:	· · · · · · ·		L		A	A.
Received By:		7.7	1	-		التؤلظ ووجايية بابأ	Date: 4		Time: 17/5		4Q≃a		vater	*	In	ch	J\V	C'	OX	y 3°	nat	£
Relinquished	ву: <b>Д</b>	W.					Date: 1	4/14/10		2	F=filte GW⊃g	r round w	ater	X	· Lo	Bi	, وعر	ed	4	17	49 6	(A)
Received By:	DE	<u> </u>	406E	<i>-</i> ;			Date: i	4/16/19	Time: 1912		5M = 0	duct/oi roduct v	rater.					ordenser Spilvegreen			ъ.	w it see
telinguished l	ву: О	Ec ,	FRIDE	B	-	تتحصضع	Date:	4/17/19	Time: 0755		W=sı	d/sedir uface w	. 40-17-01					Alberton. Ministration of the property of the				
Received By:	9	71					Date:	1/17/19	Time: 0755		NP = w NW = w	ipe raste wa	der .					6544	hana, hayanir	<u> </u>		Pair 00/23/201

# Oilfield Environmental and Compliance 307 Roemer Way Suite 300, Santa Maria, CA 93454

Phone: (805) 922-4772 Fax: (805) 925-3376 www.oecusa.com

101 Adkisson Way, Taft, CA 93268

Phone: (661) 762-9143

CHAIN OF CUSTODY

Company: RINCON CONSULTANTS	Project Name/#: URTEGA PARK / 18-06506
Address: 180 N. ASHWOOD AVE	Site:
City/State/ZIP: VENTURA, CA 93 00 3	Analysis Requested Special Instructions:
Phone: 805.223.5066 Fax: — E-mail: Nna Varro @rinconconsultants.	84 8270  894 8270  894 82608  894 82608  119  119  119  119  119
Report To: NICO NAVARRO Sampler: NICO NAVARRO	74 8270 EPA 4 1 7 47 14 14 14 14 14 14 14 14 14 14 14 14 14
Report Format(s): FAX- PDF (std)- Colt/LUFT EDF- EDD-	17 17 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18
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	
Doto/Time Matrix** # - s	Mean Mean ST.C. Total Total Total
Sampled (see key) Cont.	
90900 8 4-16-19/1000 S 1 RB5-2	A HOLD
u /1000   RB5-4	
RB9-2	
No /1020 R89-4	
n /1030   R810-2	
1030 RB10-4	
19 /1345 HP4-5	
26 /1350 494-10	
21 /1410 RB15-2	
7 /1415 RB15-4	
7/1420 + RB14-2	
21/1420 1 1814-4	
Relinquished By: White Vlanau Date: 4.16.19 Time: 17:15	Matrix Key**: Comments/PO#: A = air / vapor
Received By: 0.11 1 Date: 4/16/19 Time: 17/5	A = air / vapor AQ = aqueous DW = drinking water
Relinquished By: #116/19 Time: 19/2	GW = ground water
Received By: OEC (2116) Date: 4/16/19 Time: 19/2	P = product / oii PW = product water
Relinquished By: OEC FRIDE Date: 4/17/19 Time: 0755	S = solid / sediment SW = surface water
Received By: 91/1/19 Time: 0755	WP = wipe
Date: 1/1///9 11me: 0/73	<b>WW</b> = waste water Rev. 09/23/2014

Oilfield Environmental and Compliance 307 Roemer Way Suite 300, Santa Maria, CA 93454 Phone: (805) 922-4772 Fax: (805) 925-3376 www.oecusa.com

CHAIN OF CUSTODY 101 Adkisson Way, Taft, CA 93268

- Phone: (661) 762-9143

Company: RINCON CONSULTANTS					Project Name#: ORTEGA PARK / 18-06506										
Address: 180	N. ASH	WOOL	) A	ve · · ·	Site:	60	4 1	<b>E</b> C	WHE	90	S	<b>4</b> ′	Fav	ta Be	arbara, CA
City/State/ZIP:	ENTURA,	CA	4300	3. The specifican differential system control of the second of the secon		3	j	Analy	sis R	eques	sted			ş	pecial instructions:
Phone: \$05-22		Fax:		E-mail: Mnavarro@ Mincon consultants	. \$	æ	50	3	608	72	$ \rightarrow $	db	LW.	R	1000
Report To: NICO	NAVARRO	lade of monetonibile of	Sąmp	er. Nico NAVARRO	Balsm	æ	6010B	25	EP4 Palos	EPH POUZ	(T/14/14)		Malliam		mor logs
Report Format(s):	FAX-	PDF (si		CONFLUET EDF- EDB-	BA,	*	<b>5</b> 3	Mer	8	<b>6</b>		E	8		
Turnaround Time:	10 Days-	14	(std)-	3 Days- 2 Days- 1 Day- ASAP- III be considered as received the next business day	A,				***	م	3/	HULP		1	~ ·
ØEC Sample ID	Date/Time	Matrix*	* # of		TPH 6	14,	77+1 x 22 m	Meann	Voc.	P.C.	2	ALC	10ta		
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21	/1050			495-10	X	く	X	X		<u>.</u>					1
2	/1150		1	RB11-2	X	X	X	X							
22	11150			RB11-4			Ì				X				
24	/1220			HP3-5	X	X	X	X							*
30	/1225			HP3-10	×	X	X	X			- [				
31	11435			492-5	X	乀	X	X							
g <sub>0</sub>	/1440				X	乀	X	X					į		
<i>5</i>	/1450			HP1-5	X	X	X	X	$\mathbf{x}^{\dagger}$						
30	/1455				X	X	X	X							
74	/1500				X	$\times$	X	X	7			1			1,
3	/1510	J	1	RB13-4	3.3.4				7	1	$x^{\perp}$	1			V
Relinquished By:	1111	Tava	 end		Matrix A = air	Key**	;	Commo	ents/Pr	O#:	No.	<del></del>	$\alpha$	12/6/	19 W
Received By:			¥,7.4	Miller in en	AQ = a	queous rinking		7	المل	MC!	∖ەك	19		0	
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Received By:	26				WP=W WW=v	ipe vaste w	ater		Valen						Pay 09/93/2014

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101 Adkisson Way, Taft, CA 93268

			*		
hone:	(661)	762-9	143	÷	

CHAIN OF CUSTODY

Company: LINCON CONSULTANTS	Project Name# DETEGA PARK/ 18-06506											
Address: 180 N. ASHWOOD AVE	Site:	60	4 1	<b>E</b> C	×+6	290	5٠	1	San	ta.	Barbara,	CA
Gity/State/ZIP: VENTURA, CA 93003				Anal	ysis l	Requ	ested				Special Instruc	tions:
Phone: \$65-223.5066 Fax: E-mail: YINGVATYO (FINCONS Uldant Common Suldant Common			THEZ EPA	10	6 1. EPA 824.08	PCB. 6 EPA 8022	(6/4/h)010H	Drai Pe	LC/TCLP Pb	Research of the little of the	Report MDL	
Sample ID Sampled (see key) Cont. Client Sample ID	E	圣	ξĘ	18	MG	8	#	P	5	Nugari .		·
190 900 34.16.19/1525 S 1 RB8-2	X	X	X	X							HOLD_	
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M /1518 \ RB12-1	X	X	X	X	X	X		.í. 5 (s. è				man,
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telinquished By: They Navaux Date: 4.16.19 Time: 1715	A = au	Key <sup>a</sup> / vapor queous		Comm	J.v.	o#:	din	9 (	οχγ	gei	nales	
Received By: Date: 4/16/19 Time: 17/5	DW =	irinking	water	* /	0	0.00-	لحصا	ا امصا	U	ป้าส	nates yla @	
telinquished By: JUL Date: 4/16/19 Time: 19/2	GW =	mound v		X		0	, e y			1.,	l	1
Received By: OECFRIGE. Date: W/16/19 Time: 19/2	PW=	oduct/o product)	water					,	,		. **	
telinquished By: OEC FLYGE Date: 4/17/19 Time: 9755	SW = :	id / sedi surface :									-	1
teceived By: 97.65 Time: 0755	WP = 1	vipe waste w	ater					1.200-1-10		<del>- 1-10-7-1-1-7-1</del>	Bon Ar	0/23/2014



## Oilfield Environmental and Compliance

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101 Adkisson Way, Taft, CA 93268

	- 100	*	
Phone:	(661) 7	62-9143	

**CHAIN OF CUSTODY** 

CONVLTANTS 118-06506 Project Namel#: ORTEGA PARK Company: Santa Barbaya, CA ASHLUDOD AVE Site: 604 E Offegg of Address: Special Instructions: **Analysis Requested** City/State/ZIP: VENTURA CA 93003 nnavarro E-mail: <del>Anavarn</del> d'rinconconsultants. Phone: 805.223.5066 NICO NAVARRO Report To: NICO NAVARRO Sampler: Report Format(s): PDF (std)-Colt/LUFT EDF-EDD-Tumaround Time: 5 Days (std)- X ASAP-· 2 Days-1 Day-NOTE: Samples received after 4:00PM will be considered as received the next business day 4.30.19 amz Matrix\*\* Date/Time # of OEC-Sample ID Client Sample ID 1 added per Sampled (see key) | Cont. CHATA 2319 MUS 401410 24.16.19/830 RBI-2 830 RB1-4 XXX 900 RB2-2 900 RB2-4 110 RB3-2 910 RB3-4 925 925 945 R84-2 945 RB6-2 RB6 -4 Matrix Key\*\*: Date: 4.16.19 Time: 1415 Relinquished By: A = air / vapor \* Including oxygenates AQ = aqueous 6/19 Time: 17/5 Received By: DW = drinking water F = filter Time: 1912 Relinguished By: GW = ground water P = product / oil FRINGE Time: 19/7 PW = product water S = solid / sediment Relinquished By: OEC FRIEZA Time: 0753 SW = surface water MP = wipe Time: 0755 Received By: WW = waste water Rev. 09/23/2014



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101 Adkisson Way, Taft, CA 93268

Phone: (661) 762-9143

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		n	. 7			4

**CHAIN OF CUSTODY** 

Company: RINCON CONULTANTS		Projec	ct Nan	ne/#: `	ORT	EG/	4 9	PARI	K/1	18-	065	06		
Address: 180 N. ASHWOOD AV		Site:						-	7					
City/State/ZIP: VENTURA, CA 93003					Analy	ysis f	Reque	ested				Special	nstructions:	
Phone: 805.223.5066 Fax:	nna va rro E-mail: <del>Magya FM</del> & rincon consultants.	Й	a			80	ہے	ھے						
Report To: NICO NIAVARRO Samp	LI II COM	EPA 8015M	EPA 8270	- EPA 60108	ERA TYTIA	200 M3	Sos	d d			.			
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OEC Sample ID Date/Time Matrix** # of Sampled (see key) Cont.	Client Sample ID	M FILL	PAH	THE 22	Mercuny	YOCS by	PCBs by EPA BOSZ	STC	TOTAL	F				
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od / 900	RB2-4								1					٦
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и / 950	RB6-2								A	à				
1,950	RB6 -4							A	3000	A		V		
Relinquished By: A Miss Warand	411 10 12:15	Matrix A = air			Comn	nents/	PO#:					:		
Received By:	Mich	AQ = a DW = c	queous trinking											
Relinguished By:	Date: 4/16/19 Time: 1912	F = filte GW = 0	er ground	water				-						
Received By: OEC FRIDE	1/1/2	P = pro PW = p	oduct / c			-								
Relinquished By: OEC FRIBLE		S = sol SW = s							,					
Received By:	N. 6755	WP = v WW = v		vater										

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CHAIN OF CUSTODY

101 Adkisson Way, Taft, CA 93268

Phone: (661) 762-9143

Company: RINCON CONSULTANTS	Project Name# DRTEGA PARK / 18-06506
Address:   RO N. ASHWOOD AVE	site: 604 E 0/tega St, Santa Barbara, CA
City/State/ZIP: VENTURA, CA 93 00 3	Analysis Requested Special Instructions:
Phone: 805-223.5066 Fax: — E-mail: NNA VARTE Or Mconcontul lands Report To: NICO NAVARRO Sampler: NICO NAVARRO	是 是 那
Report Format(s): FAX- PDF (std)- Colt/LUFT EDF- EDD- Turnaround Time: 10 Days- 5 Days (std)- 3 Days- 2 Days- 1 Day- ASAP-	A A A A A A A A A A A A A A A A A A A
NOTE: Samples received after 4:00PM will be considered as received the next business day	
OEC Sample 10 Date/Time Matrix** # of Cont. Client Sample ID	TOTA! TOTA!
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M /1000   R85-4	XXXXX
/1020   RB9-2	X A
N /1020 R89-4	XXXXXX
1 /1030 RB10-2	XXXXX
1030 RB10-4	A × A A'
19 / 1345   HP4-5	XXXX
36 /1350 H94-10	XXXXX
2 /1410 RB15-2	XXXX
7 /1915   PB15-4	
1/1420 V RB14-2	XXXX
24 1/1420 1 1814-4	
Relinquished By: Wife Warrens Date: 4-16-19 Time: 17-15	Matrix Key*: A=air/vapor AQ=aqueous DV=drinking water F=filter GW=ground water  Comments/PO#:  X Including Oxygenates  X lequested 4/17/19 600
Received By: Date: 4/16/19 Time: 17/5	DW = drinking water Y leavested ulifly 600)
Relinquished By: ### Date: 4/16/19 Time: 19/2	
Received By: DEC CUBE Date: 4/16/19 Time: 1912	P = product / oif PW = product water
Relinquished By: OEC FAIRE Date: 4/17/19 Time: 0755	S = solid / sediment SW = surface water
Received By: 97 Time: 0755	WP = wipe: WW = waste water
	Rev. 09/23/201

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Company: RING	CON CON	SULTA	NTS					Projec	t Nam	e/#:	ORT	EG4	PAN	ek/	18	- 0	650	06		
Address: /80	N. ASHU	(סטו	AVE					Site:						7						
•	NTURA, CA										Analy	sis Re	que	sted				Specia	al instructi	ons:
Phone: 805-2	23.5066	Fax: -		E-mai	: nnavarro	Grinconce		ξ	क्ष	90	7	808	382	9			2			
Report To: Nico			Sampl		WARPO		Com	EPA BOISM	4 8270	EPA 6010B	花品	BP4 8260B	EP4 8082				-			
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Relinquished By:	M			Date:	4/14/10		1/2	F = filte GW = g		vater	,									
Received By: OK	C CUPGE			Date:	4/16/19	Time: 19	12	<b>PW</b> = p	duct / o reduct i	water										
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Rev. 09/23/2014

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101 Adkisson Way, Taft, CA 93268

Phone: (661) 762-9143 RINCON CONSULTANTS 18-06506 DRIEG A Project Name/#: Fanta Barbara, CA E Orlega ASHWOOD AVE Special instructions: **Analysis Requested** VENTURA, CA 93003 Phone: \$05-123-5066 E-mail: Mnavarro@rincon consultants report. Report To: NICO NAVAGERO Sampler: Nico NAVARRO Colt/LUFT EDF-EDD-FAX-PDF (std)-Report Format(s): Turnaround Time: 10 Days-5 Days (std)-3 Days-2 Days-1 Day-ASAP-10tal NOTE: Samples received after 4:00PM will be considered as received the next business day Watrix\*\* Date/Time # of Client Sample ID Sampled (see key) Cont. HOLD HP5-5 190191010 24-16.19/1045 HP5-10 1050 1150 RB11-2 1150 RB11-4 HP3-5 1220 1225 473-10 1435 HP2-5 1440 HP2-10 1450 1455 HP1-10 1570 RB13-2 RB13-4 Matrix Key\*\*; \* Including expendes

X Requested 4/17/19 @ Date: 4.16.19 avares A = air / vapor Relinquished By: AQ = aqueous 4 Time: Received By: DW = drinking water F = filler G Time: GW = ground water Relinguished By: P = product / oil OEC FRIDGE Received By: Time: PW = product water S = solid / sediment Relinquished By: OEC Date: 4/17/19 Time: 0755 SW = surface water WP=wipe Date: 4/17/19 Time: 0755 Received By: WW = waste water



Company:

Address:

Report To: Report Format(s):

Turnaround Time:

Relinquished By:

Relinquished By:

Relinquished By: OEC FRIDGE

Received By:

Received By:

Received By:

FAX-

Date/Time

Sampled

1525

## Oilfield Environmental and Compliance

DNSULTANTS

ASHWOOD AVE

CA 93003

PDF (std)-

Matrix\*

5 Days (std)-

(see key) Cont.

# of

101 Adkisso

Project Name/#: Site: 604

Matrix Kev\*\*:

DW = drinking water

GW = ground water P = product / oil

PW = product water S = solid / sediment

SW = surface water WP = wipe

WW = waste water

A = air / vapor AQ = aqueous

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COMLUFT EDF-

3 Days-

RB8-2 RB8-4

RB12-

NOTE: Samples received after 4:00PM will be considered as received the next business day

E-mail: Mnavaryo (2 mconconsultant

1 Day-

Time: 19/2

Time:

Time:

Q755

0755

ASAP-

2 Days-

Date: 4.16.19

Date: 4/17/19

Date: 4/17/19

**Client Sample ID** 

Phone: (661

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CHAIN OF CLISTODY



Nico Navarro Rincon Consultants 180 N. Ashwood Ave. Ventura, CA 93003

Report: April 29, 2019 16:47 Work Order: 1901967

Project: Ortega Park Number: 18-06506

## Dear Client:

Enclosed is an analytical report for the above referenced project. The samples included in this report were received on April 17, 2019 07:55 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 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,

Alyssa Zuniga, Project Manager

azuniga@oecusa.com

TEL: (805) 922-4772

FAX: (805) 925-3376



Rincon Consultants Project: Ortega Park WO & Reported: 180 N. Ashwood Ave. Project Number: 18-06506 1901967
Ventura CA, 93003 Project Manager: Nico Navarro 04/29/2019 16:47

## **SAMPLE SUMMARY**

Sample ID	Laboratory ID	Client Matrix	Lab Matrix	Date Sampled	Date Received
HP5-GW	1901967-01	Water	Water	04/16/19 11:20	04/17/19 07:55
HP3-GW	1901967-02	Water	Water	04/16/19 14:30	04/17/19 07:55
HP4-GW	1901967-03	Water	Water	04/16/19 14:45	04/17/19 07:55
HP2-GW	1901967-04	Water	Water	04/16/19 15:35	04/17/19 07:55

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Rincon Consultants Project: Ortega Park WO & Reported: 180 N. Ashwood Ave. Project Number: 18-06506 1901967
Ventura CA, 93003 Project Manager: Nico Navarro 04/29/2019 16:47

## ANALYTICAL REPORT FOR SAMPLES 1901967-01 (Water) HP5-GW

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Semi-Volatile Organic TPH by G	C/FID									
TPH Diesel (C13-C22)	0.081	0.046	0.056	mg/L	1	B9D0649	04/23/19	04/23/19	EPA 8015M	
TPH Motor Oil (C23-C40)	0.17	0.056	0.11	"	"	"	"	"	"	
Surrogate: o-Terphenyl			99.5 %	(42 -	153)	"	"	"	"	
Volatile Organic Compounds by	GC/MS									
t-Amyl Methyl Ether	ND	0.25	0.50	ug/L	1	B9D0491	04/17/19	04/17/19	EPA	
Benzene	1.0	0.25	0.50	"	"	"	"	"	8260B/LUFT "	
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	"	"	"	"	"	"	
t-Butyl alcohol	ND	2.5	10	"	"	"	"	"	"	
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	"	"	"	"	"	"	
Dibromochloromethane	ND	0.25	0.50	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.75	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	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	"	"	"	"	"	"	

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Rincon Consultants Project: Ortega Park WO & Reported: 180 N. Ashwood Ave. Project Number: 18-06506 1901967
Ventura CA, 93003 Project Manager: Nico Navarro 04/29/2019 16:47

## 1901967-01 (Water) HP5-GW

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by C	GC/MS (Conti	nued)								
1,2-Dichloropropane	ND	0.25	0.50	ug/L	1	B9D0491	04/17/19	04/17/19	EPA 8260B/LUFT	
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	"	"	"	"	"	"	
Diisopropyl Ether	ND	0.25	0.50	"	"	"	"	"	"	
Ethanol	ND	250	500	"	"	"	"	"	"	
Ethyl t-Butyl Ether	ND	0.25	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.25	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.25	0.50	"	"	"	"	"	"	
4-Isopropyl Toluene	ND	0.25	0.50	"	"	"	"	"	"	
Isopropylbenzene	ND	0.25	0.50	"	"	"	"	"	"	
Methylene chloride	ND	0.35	0.50	"	"	"	"	"	"	
Methyl-t-butyl ether	ND	0.25	0.50	"	"	"	"	"	"	
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	0.36	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)	ND	0.27	0.50	"	"	"	"	"	"	
TPH Gasoline (C4-C12)	ND	20	50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane			105 %	(83 -	119)	"	"	"	"	
Surrogate: Toluene-d8			99.9 %	(69 -		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			111 %	(79 -		"	"	"	"	

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Rincon Consultants Project: Ortega Park WO & Reported: 180 N. Ashwood Ave. Project Number: 18-06506 1901967
Ventura CA, 93003 Project Manager: Nico Navarro 04/29/2019 16:47

1901967-01 (Water) HP5-GW

Analyte Result MDL RL Units Dilution Batch Prepared Analyzed Method Notes

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Ventura CA, 93003 Project Manager: Nico Navarro 04/29/2019 16:47

## 1901967-02 (Water) HP3-GW

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Semi-Volatile Organic TPH by GO	C/ <b>FID</b>									
TPH Diesel (C13-C22)	1.3	0.047	0.058	mg/L	1	B9D0649	04/23/19	04/23/19	EPA 8015M	
TPH Motor Oil (C23-C40)	2.0	0.058	0.12	"	"	"	"	"	**	
Surrogate: o-Terphenyl			109 %	(42 -	153)	"	"	"	"	
<b>Volatile Organic Compounds by C</b>	GC/MS									R-05
t-Amyl Methyl Ether	ND	2.5	5.0	ug/L	10	B9D0491	04/17/19	04/17/19	EPA 8260B/LUFT	
Benzene	ND	2.5	5.0	"	"	"	"	"	"	
Bromobenzene	ND	2.5	5.0	"	"	"	"	"	"	
Bromochloromethane	ND	2.5	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	2.5	5.0	"	"	"	"	"	"	
Bromoform	ND	2.5	5.0	**	"	"	"	"	"	
Bromomethane	ND	2.5	5.0	"	"	"	"	"	"	
t-Butyl alcohol	26	25	100	"	"	"	"	"	"	J
n-Butylbenzene	ND	2.5	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	2.5	5.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	2.5	5.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.5	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	2.5	5.0	"	"	"	"	"	"	
Chloroethane	ND	2.5	5.0	"	"	"	"	"	"	
Chloroform	ND	2.5	5.0	"	"	"	"	"	"	
Chloromethane	ND	2.5	5.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	2.5	5.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	2.5	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	2.5	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	7.5	10	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.5	5.0	"	"	"	"	"	"	
Dibromomethane	ND	2.5	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.5	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.5	5.0	**	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.5	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2.6	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.5	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.5	5.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.5	5.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.5	5.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.5	5.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.5	5.0	"	"	"	"	"	"	

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Analyte

## Oilfield Environmental & Compliance, Inc.

Batch

Prepared

Analyzed

Method

Notes

Rincon Consultants Project: Ortega Park WO & Reported: 180 N. Ashwood Ave. Project Number: 18-06506 1901967
Ventura CA, 93003 Project Manager: Nico Navarro 04/29/2019 16:47

#### 1901967-02 (Water) HP3-GW

Units

Dilution

RL

Result

MDL

ND   2.5   S.0   ug/L   10   B9D0491   04/17/19   04/17/19   EPA   8260B/UFT	Tillary C	Result	WIDE	KL	Omto	Dilution	Daten	Trepared	7 mary zea	Wiethod	110101
Second Companie   ND   2.5   5.0   "   "   "   "   "   "   "   "   "	Volatile Organic Compounds by G	C/MS (Conti	nued)								R-05
Li Dichloropropene   ND   2.5   5.0   "   "   "   "   "   "   "   "   "	1,3-Dichloropropane	ND	2.5	5.0	ug/L	10	B9D0491	04/17/19	04/17/19		
Size 1,3-Dichloropropene   ND	2,2-Dichloropropane	ND	2.5	5.0	"	"	"	"	"	"	
rans-1,3-Dichloropropene ND 2.5 5.0 " " " " " " " " " " " " " " " " " " "	1,1-Dichloropropene	ND	2.5	5.0	"	"	"	"	"	"	
Similar   Simi	cis-1,3-Dichloropropene	ND	2.5	5.0	"	"	"	"	"	"	
Ethanol  ND  2500  5000  """"""""""""""""""""""""""	trans-1,3-Dichloropropene	ND	2.5	5.0	"	"	"	"	"	"	
Ethyl t-Butyl Ether	Diisopropyl Ether	ND	2.5	5.0	"	"	"	"	"	"	
Ethylbenzene   ND   2.5   5.0   "   "   "   "   "   "   "   "   "	Ethanol	ND	2500	5000	"	"	"	"	"	"	
Adjunction (ND 2.5 5.0 " " " " " " " " " " " " " " " " " " "	Ethyl t-Butyl Ether	ND	2.5	5.0	"	**	"	"	"	"	
#Hospropyl Toluene ND 2.5 5.0 " " " " " " " " " " " " " " " " " " "	Ethylbenzene	ND	2.5	5.0	"	**	"	"	"	"	
Methylene chloride	Hexachlorobutadiene	ND	2.5	5.0	"	**	"	"	"	"	
Methylene chloride         ND         3.5         5.0         """"""""""""""""""""""""""""""""""""	4-Isopropyl Toluene	ND	2.5	5.0	"	"	"	"	"	"	
Methyl-t-butyl ether ND 2.5 5.0 " " " " " " " " " " " " " " " " " " "	Isopropylbenzene	ND	2.5	5.0	"	"	"	"	"	"	
Naphthalene ND 2.5 5.0 " " " " " " " " " " " " " " " " " " "	Methylene chloride	ND	3.5	5.0	"	"	"	"	"	"	
ND   2.5   5.0   "   "   "   "   "   "   "   "   "	Methyl-t-butyl ether	ND	2.5	5.0	**	"	"	"	"	"	
Styrene ND 2.5 5.0 " " " " " " " " " " " " " " " " " " "	Naphthalene	ND	2.5	5.0	**	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	n-Propylbenzene	ND	2.5	5.0	**	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	Styrene	ND	2.5	5.0	**	"	"	"	"	"	
Tetrachloroethene (PCE)  ND  2.5  5.0  " " " " " " " " " " " " " " " " " "	1,1,1,2-Tetrachloroethane	ND	2.5	5.0	**	"	"	"	"	"	
Toluene ND 2.5 5.0 " " " " " " " " " " " " " " " " " " "	1,1,2,2-Tetrachloroethane	ND	2.5	5.0	**	"	"	"	"	"	
1,2,3-Trichlorobenzene   ND   2.5   5.0   "   "   "   "   "   "   "   "   "	Tetrachloroethene (PCE)	ND	2.5	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene   ND   2.5   5.0   "   "   "   "   "   "   "   "   "	Toluene	ND	2.5	5.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	1,2,3-Trichlorobenzene	ND	2.5	5.0	**	"	"	"	"	"	
1,1,2-Trichloroethane	1,2,4-Trichlorobenzene	ND	2.5	5.0	"	"	"	"	"	"	
Trichloroethene (TCE)         ND         2.5         5.0         " </td <td>1,1,1-Trichloroethane</td> <td>ND</td> <td>2.5</td> <td>5.0</td> <td>"</td> <td>"</td> <td>"</td> <td>"</td> <td>"</td> <td>"</td> <td></td>	1,1,1-Trichloroethane	ND	2.5	5.0	"	"	"	"	"	"	
Trichlorofluoromethane  ND  2.5  5.0  " " " " " " " " " " " " " " " " " "	1,1,2-Trichloroethane	ND	2.5	5.0	"	"	"	"	"	"	
1,2,3-Trichloropropane       ND       2.5       5.0       "	Trichloroethene (TCE)	ND	2.5	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene       ND       2.5       5.0       " " " " " " " " " " " " " " " " " " "	Trichlorofluoromethane	ND	2.5	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene       ND       2.5       5.0       " " " " " " " " " " " " " " " " " " "	1,2,3-Trichloropropane	ND	2.5	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	1,2,4-Trimethylbenzene	ND	2.5	5.0	"	"	"	"	"	"	
Vinyl chloride         ND         2.5         5.0         "	1,3,5-Trimethylbenzene	ND	2.5	5.0	"	"	"	"	"	"	
Xylenes (total)       ND       2.7       5.0       "	Vinyl chloride	ND	2.5	5.0	"	"	"	"	"	"	
TPH Gasoline (C4-C12)       ND       200       500       "	Xylenes (total)	ND	2.7	5.0	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane       105 % (83 - 119)       " " " "         Surrogate: Toluene-d8       94.3 % (69 - 120)       " " " "	TPH Gasoline (C4-C12)	ND	200	500	"	"	"	"	"	"	
Surrogate: Toluene-d8 94.3 % (69 - 120) " " " "				105 %	(83 -	119)	"	"	"	"	
				94.3 %	(69 -	120)	"	"	"	"	
	Surrogate: 4-Bromofluorobenzene			112 %	,		"	"	"	"	

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Rincon Consultants Project: Ortega Park WO & Reported: 180 N. Ashwood Ave. Project Number: 18-06506 1901967
Ventura CA, 93003 Project Manager: Nico Navarro 04/29/2019 16:47

#### 1901967-03 (Water) HP4-GW

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
Semi-Volatile Organic TPH by Go	C/ <b>FID</b>									
TPH Diesel (C13-C22)	0.17	0.047	0.057	mg/L	1	B9D0649	04/23/19	04/23/19	EPA 8015M	
TPH Motor Oil (C23-C40)	0.52	0.057	0.11	"	"	"	"	"	"	
Surrogate: o-Terphenyl			113 %	(42 -	153)	"	"	"	"	
Volatile Organic Compounds by C	GC/MS									R-05
t-Amyl Methyl Ether	ND	2.5	5.0	ug/L	10	B9D0491	04/17/19	04/17/19	EPA 8260B/LUFT	
Benzene	ND	2.5	5.0	**	"	"	"	"	"	
Bromobenzene	ND	2.5	5.0	**	"	"	"	"	"	
Bromochloromethane	ND	2.5	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	2.5	5.0	"	"	"	"	"	"	
Bromoform	ND	2.5	5.0	"	"	"	"	"	"	
Bromomethane	ND	2.5	5.0	"	"	"	"	"	"	
-Butyl alcohol	ND	25	100	"	"	"	"	"	"	
n-Butylbenzene	ND	2.5	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	2.5	5.0	"	"	"	"	"	"	
ert-Butylbenzene	ND	2.5	5.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.5	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	2.5	5.0	"	"	"	"	"	"	
Chloroethane	ND	2.5	5.0	"	"	"	"	"	"	
Chloroform	ND	2.5	5.0	"	"	"	"	"	"	
Chloromethane	ND	2.5	5.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	2.5	5.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	2.5	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	2.5	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	7.5	10	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.5	5.0	"	"	"	"	"	"	
Dibromomethane	ND	2.5	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.5	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.5	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.5	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2.6	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.5	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.5	5.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.5	5.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.5	5.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.5	5.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.5	5.0	"	"	"	"	"	"	

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Analyte

## Oilfield Environmental & Compliance, Inc.

Batch

Prepared

Analyzed

Method

Notes

Rincon Consultants Project: Ortega Park WO & Reported: 180 N. Ashwood Ave. Project Number: 18-06506 1901967
Ventura CA, 93003 Project Manager: Nico Navarro 04/29/2019 16:47

#### 1901967-03 (Water) HP4-GW

Units

Dilution

RL

Result

MDL

Tilalye	Result	MDE	KL	Omto	Dilution	Daten	1 repared	7 mary zea	Wiethod	110102
Volatile Organic Compounds by G	C/MS (Conti	nued)								R-05
1,3-Dichloropropane	ND	2.5	5.0	ug/L	10	B9D0491	04/17/19	04/17/19	EPA 8260B/LUFT	
2,2-Dichloropropane	ND	2.5	5.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	2.5	5.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	2.5	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	2.5	5.0	"	"	"	"	"	"	
Diisopropyl Ether	ND	2.5	5.0	"	**	"	"	"	"	
Ethanol	ND	2500	5000	"	**	"	"	"	"	
Ethyl t-Butyl Ether	ND	2.5	5.0	"	**	"	"	"	"	
Ethylbenzene	ND	2.5	5.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	2.5	5.0	"	"	"	"	"	"	
4-Isopropyl Toluene	ND	2.5	5.0	**	"	"	"	"	"	
Isopropylbenzene	ND	2.5	5.0	**	"	"	"	"	"	
Methylene chloride	ND	3.5	5.0	"	"	"	"	"	"	
Methyl-t-butyl ether	ND	2.5	5.0	"	"	"	"	"	"	
Naphthalene	ND	2.5	5.0	"	"	"	"	"	"	
n-Propylbenzene	ND	2.5	5.0	"	"	"	"	"	"	
Styrene	ND	2.5	5.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	2.5	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.5	5.0	"	"	"	"	"	"	
Tetrachloroethene (PCE)	ND	2.5	5.0	"	**	"	"	"	"	
Toluene	ND	2.5	5.0	"	**	"	"	"	"	
1,2,3-Trichlorobenzene	ND	2.5	5.0	"	**	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.5	5.0	"	**	"	"	"	"	
1,1,1-Trichloroethane	ND	2.5	5.0	"	**	"	"	"	"	
1,1,2-Trichloroethane	ND	2.5	5.0	"	**	"	"	"	"	
Trichloroethene (TCE)	ND	2.5	5.0	"	**	"	"	"	"	
Trichlorofluoromethane	ND	2.5	5.0	"	**	"	"	"	"	
1,2,3-Trichloropropane	ND	2.5	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2.5	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2.5	5.0	"	"	"	"	"	"	
Vinyl chloride	ND	2.5	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	2.7	5.0	"	"	"	"	"	"	
TPH Gasoline (C4-C12)	ND	200	500	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane			105 %	(83 -	119)	"	"	"	"	
Surrogate: Toluene-d8			93.8 %	(69 -		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			110 %	(79 -		"	"	"	"	
San OSane. I Diomojinoi ocenzene			110 /0	( , ,	/					

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Rincon Consultants Project: Ortega Park WO & Reported: 180 N. Ashwood Ave. Project Number: 18-06506 1901967
Ventura CA, 93003 Project Manager: Nico Navarro 04/29/2019 16:47

#### 1901967-04 (Water) HP2-GW

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Semi-Volatile Organic TPH by Go	C/FID									
TPH Diesel (C13-C22)	ND	0.044	0.054	mg/L	1	B9D0649	04/23/19	04/23/19	EPA 8015M	
TPH Motor Oil (C23-C40)	0.057	0.054	0.11	"	"	"	"	"	"	J
Surrogate: o-Terphenyl			103 %	(42 -	153)	"	"	"	"	
<b>Volatile Organic Compounds by C</b>	GC/MS									
t-Amyl Methyl Ether	ND	0.25	0.50	ug/L	1	B9D0784	04/26/19	04/26/19	EPA 8260B/LUFT	
Benzene	ND	0.25	0.50	"	"	"	"	"	"	
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	"	"	"	"	"	"	
t-Butyl alcohol	ND	2.5	10	"	"	"	"	"	"	
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	"	"	"	"	"	"	
Dibromochloromethane	ND	0.25	0.50	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.75	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	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	"	"	"	"	"	"	

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Analyte

## Oilfield Environmental & Compliance, Inc.

Batch

Prepared

Analyzed

Method

Notes

Rincon Consultants Project: Ortega Park WO & Reported: 180 N. Ashwood Ave. Project Number: 18-06506 1901967
Ventura CA, 93003 Project Manager: Nico Navarro 04/29/2019 16:47

#### 1901967-04 (Water) HP2-GW

Units

Dilution

RL

Result

MDL

Analyte	Result	MDL	KL	Units	Dilution	Datcii	Prepared	Anaryzeu	Method	Notes
<b>Volatile Organic Compounds by G</b>	C/MS (Conti	nued)								
1,3-Dichloropropane	ND	0.25	0.50	ug/L	1	B9D0784	04/26/19	04/26/19	EPA 8260B/LUFT	
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	"	"	"	"	"	"	
Diisopropyl Ether	ND	0.25	0.50	"	"	"	"	"	"	
Ethanol	ND	250	500	**	"	"	"	"	"	
Ethyl t-Butyl Ether	ND	0.25	0.50	**	"	"	"	"	"	
Ethylbenzene	ND	0.25	0.50	**	"	"	"	"	"	
Hexachlorobutadiene	ND	0.25	0.50	**	"	"	"	"	"	
4-Isopropyl Toluene	ND	0.25	0.50	"	"	"	"	"	"	
Isopropylbenzene	ND	0.25	0.50	"	"	"	"	"	"	
Methylene chloride	ND	0.35	0.50	"	"	"	"	"	"	
Methyl-t-butyl ether	ND	0.25	0.50	"	"	"	"	"	"	
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)	0.31	0.25	0.50	"	"	"	"	"	"	J
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	"	"	"	"	"	"	
TPH Gasoline (C4-C12)	ND	20	50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		-	104 %	(83 -	119)	"	"	"	"	
Surrogate: Toluene-d8			108 %	(69 -		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			106 %	(79 -		"	"	"	"	
San Oguic. I Diomojinoi oociizene			100 /0	( / / -	,					

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Rincon Consultants Project: Ortega Park WO & Reported: 180 N. Ashwood Ave. Project Number: 18-06506 1901967
Ventura CA, 93003 Project Manager: Nico Navarro 04/29/2019 16:47

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WO & Reported: Rincon Consultants Project: Ortega Park 1901967 180 N. Ashwood Ave. Project Number: 18-06506 Project Manager: Nico Navarro 04/29/2019 16:47 Ventura CA, 93003

### Semi-Volatile Organic TPH by GC/FID - Quality Control

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B9D0649 - EPA 8015M	Preparation: EPA 35	10C Leach	ate 04/23	/19 09:46							
Blank (B9D0649-BLK1)			A	nalyzed: 04	/23/19 18:10	0					
TPH Diesel (C13-C22)	ND	0.041	0.050	mg/L							
TPH Motor Oil (C23-C40)	ND	0.050	0.10	"							
Surrogate: o-Terphenyl			0.102	"	0.100		102	42-153			
Blank (B9D0649-BLK2)			A	nalyzed: 04	/23/19 19:0	7					
TPH Diesel (C13-C22)	ND	0.041	0.050	mg/L							
TPH Motor Oil (C23-C40)	ND	0.050	0.10	"							
Surrogate: o-Terphenyl			0.104	"	0.100		104	42-153			
LCS (B9D0649-BS1)			A	nalyzed: 04	/23/19 18:39	9					
TPH Diesel (C13-C22)	0.731	0.041	0.050	mg/L	1.00		73.1	24-105			
TPH Motor Oil (C23-C40)	1.11	0.050	0.10	"	1.00		111	70-130			
Surrogate: o-Terphenyl			0.105	"	0.100		105	42-153			
LCS Dup (B9D0649-BSD1)			A	nalyzed: 04	/23/19 18:53	3					
TPH Diesel (C13-C22)	0.843	0.041	0.050	mg/L	1.00		84.3	24-105	14.3	20	
TPH Motor Oil (C23-C40)	1.13	0.050	0.10	"	1.00		113	70-130	1.74	20	
Surrogate: o-Terphenyl			0.110	"	0.100		110	42-153			

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Ventura CA, 93003 Project Manager: Nico Navarro 04/29/2019 16:47

#### Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	MDL	RL	Units	Spike	Source	%REC	%REC	RPD	RPD	Notes
					Level	Result		Limits		Lımıt	

Batch B9D0491 - EPA 8260B/LUF	T Preparation: E	PA 5030B	VOCGCN	MS 04/17/19 10:29	
Blank (B9D0491-BLK1)			Aı	analyzed: 04/17/19 13:00	
t-Amyl Methyl Ether	ND	0.25	0.50	ug/L	
Benzene	ND	0.25	0.50	п	
Bromobenzene	ND	0.25	0.50	п	
Bromochloromethane	ND	0.25	0.50	п	
Bromodichloromethane	ND	0.25	0.50	п	
Bromoform	ND	0.25	0.50	п	
Bromomethane	ND	0.25	0.50	п	
t-Butyl alcohol	ND	2.5	10	II	
n-Butylbenzene	ND	0.25	0.50	п	
sec-Butylbenzene	ND	0.25	0.50	п	
tert-Butylbenzene	ND	0.25	0.50	п	
Carbon tetrachloride	ND	0.25	0.50	п	
Chlorobenzene	ND	0.25	0.50	n .	
Chloroethane	ND	0.25	0.50	II	
Chloroform	ND	0.25	0.50	п	
Chloromethane	ND	0.25	0.50	п	
2-Chlorotoluene	ND	0.25	0.50	п	
4-Chlorotoluene	ND	0.25	0.50	п	
Dibromochloromethane	ND	0.25	0.50	п	
1,2-Dibromo-3-chloropropane	ND	0.75	1.0	п	
1,2-Dibromoethane (EDB)	ND	0.25	0.50	п	
Dibromomethane	ND	0.25	0.50	п	
1,2-Dichlorobenzene	ND	0.25	0.50	II	
1,3-Dichlorobenzene	ND	0.25	0.50	II .	
1,4-Dichlorobenzene	ND	0.25	0.50	II .	
Dichlorodifluoromethane	ND	0.26	0.50	п	
1,1-Dichloroethane	ND	0.25	0.50	п	
1,2-Dichloroethane	ND	0.25	0.50	п	
1,1-Dichloroethene	ND	0.25	0.50	II .	
cis-1,2-Dichloroethene	ND	0.25	0.50	II .	
trans-1,2-Dichloroethene	ND	0.25	0.50	п	
1,2-Dichloropropane	ND	0.25	0.50	п	
1,3-Dichloropropane	ND	0.25	0.50	n .	
2,2-Dichloropropane	ND	0.25	0.50	II.	
1,1-Dichloropropene	ND	0.25	0.50	II.	
eis-1,3-Dichloropropene	ND	0.25	0.50	II.	
rans-1,3-Dichloropropene	ND	0.25	0.50	II.	
Diisopropyl Ether	ND	0.25	0.50	II .	
Ethanol	ND	250	500	II.	
Ethyl t-Butyl Ether	ND	0.25	0.50	II .	
Ethylbenzene	ND	0.25	0.50	n .	
Hexachlorobutadiene	ND	0.25	0.50	п	

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WO & Reported: Rincon Consultants Project: Ortega Park 1901967 Project Number: 18-06506 180 N. Ashwood Ave. Project Manager: Nico Navarro 04/29/2019 16:47 Ventura CA, 93003

### **Volatile Organic Compounds by GC/MS - Quality Control**

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B9D0491 - EPA 8260B/LUFT	Preparation: E	PA 5030B	VOCGCN	AS 04/17	/19 10:29			
Blank (B9D0491-BLK1)			Aı	nalyzed: 04	/17/19 13:00			
4-Isopropyl Toluene	ND	0.25	0.50	ug/L				
Isopropylbenzene	ND	0.25	0.50	"				
Methylene chloride	ND	0.35	0.50	"				
Methyl-t-butyl ether	ND	0.25	0.50	"				
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)	ND	0.27	0.50	"				
TPH Gasoline (C4-C12)	ND	20	50	"				
Surrogate: Dibromofluoromethane			13.1	"	12.5	105	83-119	
Surrogate: Toluene-d8			10.5	"	12.5	84.1	69-120	
Surrogate: 4-Bromofluorobenzene			13.8	"	12.5	110	79-125	
LCS (B9D0491-BS1)			Aı	nalyzed: 04	/17/19 10:46			
Benzene	9.66	0.25	0.50	ug/L	10.0	96.6	79-132	
Chlorobenzene	9.74	0.25	0.50	"	10.0	97.4	83-130	
1,1-Dichloroethene	10.5	0.25	0.50	"	10.0	105	62-147	
Toluene	8.39	0.25	0.50	"	10.0	83.9	71-133	
Trichloroethene (TCE)	10.6	0.25	0.50	"	10.0	106	79-140	
Surrogate: Dibromofluoromethane			12.9	"	12.5	103	83-119	
Surrogate: Toluene-d8			10.8	"	12.5	86.5	69-120	
Surrogate: 4-Bromofluorobenzene			14.0	"	12.5	112	79-125	

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#### **Volatile Organic Compounds by GC/MS - Quality Control**

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B9D0491 - EPA 8260B/LUFT	Preparation: I	EPA 5030B	VOCGC	MS 04/17	/19 10:29						
LCS (B9D0491-BS2)			A	nalyzed: 04	/17/19 11:40	)					
TPH Gasoline (C4-C12)	337	20	50	ug/L	500		67.4	56-132			
Surrogate: Dibromofluoromethane			13.0	"	12.5		104	83-119			
Surrogate: Toluene-d8			12.4	"	12.5		99.6	69-120			
Surrogate: 4-Bromofluorobenzene			14.0	"	12.5		112	79-125			
LCS Dup (B9D0491-BSD1)			A	nalyzed: 04	/17/19 11:13	3					
Benzene	9.66	0.25	0.50	ug/L	10.0		96.6	79-132	0.00	20	
Chlorobenzene	9.70	0.25	0.50	"	10.0		97.0	83-130	0.412	20	
1,1-Dichloroethene	10.1	0.25	0.50	"	10.0		101	62-147	4.09	20	
Toluene	9.95	0.25	0.50	"	10.0		99.5	71-133	17.0	20	
Trichloroethene (TCE)	10.2	0.25	0.50	"	10.0		102	79-140	4.62	20	
Surrogate: Dibromofluoromethane			13.5	"	12.5		108	83-119			
Surrogate: Toluene-d8			12.6	"	12.5		101	69-120			
Surrogate: 4-Bromofluorobenzene			13.8	"	12.5		110	79-125			
LCS Dup (B9D0491-BSD2)			A	nalyzed: 04	/17/19 12:0	7					
TPH Gasoline (C4-C12)	304	20	50	ug/L	500		60.9	56-132	10.2	20	
Surrogate: Dibromofluoromethane			13.1	"	12.5		105	83-119			
Surrogate: Toluene-d8			11.1	"	12.5		89.1	69-120			
Surrogate: 4-Bromofluorobenzene			13.8	"	12.5		111	79-125			
Duplicate (B9D0491-DUP1)	Source: 19019	067-01	A	nalyzed: 04	/17/19 16:39	9					
t-Amyl Methyl Ether	ND	0.25	0.50	ug/L		ND				20	
Benzene	1.07	0.25	0.50	"		1.04			2.84	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	
t-Butyl alcohol	ND	2.5	10	"		ND				20	
n-Butylbenzene	ND	0.25	0.50	"		ND				20	
sec-Butylbenzene	ND	0.25	0.50	"		ND				20	
tert-Butylbenzene	ND	0.25	0.50	"		ND				20	
Carbon tetrachloride	ND	0.25	0.50	"		ND				20	
Chlorobenzene Chloroethane	ND ND	0.25	0.50	"		ND ND				20	
Chloroform	ND ND	0.25 0.25	0.50 0.50	"		ND ND				20 20	
Chloromethane	ND ND	0.25	0.50	"		ND ND				20	
2-Chlorotoluene	ND ND	0.25	0.50	"		ND ND				20	
4-Chlorotoluene	ND ND	0.25	0.50	"		ND				20	
Dibromochloromethane	ND	0.25	0.50	"		ND				20	
1,2-Dibromo-3-chloropropane	ND	0.25	1.0	**		ND				20	
1,2-Dibromoethane (EDB)	ND	0.25	0.50	"		ND				20	

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Ventura CA, 93003 Project Manager: Nico Navarro 04/29/2019 16:47

### **Volatile Organic Compounds by GC/MS - Quality Control**

Analyte Result MDL RL Units	Spike Source %REC %REC RPD RPD Notes Level Result Limits Limit
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Batch B9D0491 - EPA 8260B/LUFT	Preparation: E	PA 5030B	VOCGCM	IS 04/17/1	9 10:29			
Duplicate (B9D0491-DUP1)	Source: 19019	67-01	An	alyzed: 04/1	7/19 16:39			
Dibromomethane	ND	0.25	0.50	ug/L	ND		20	
1,2-Dichlorobenzene	ND	0.25	0.50	"	ND		20	
1,3-Dichlorobenzene	ND	0.25	0.50	"	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	
Diisopropyl Ether	ND	0.25	0.50	"	ND		20	
Ethanol	ND	250	500	"	ND		20	
Ethyl t-Butyl Ether	ND	0.25	0.50	"	ND		20	
Ethylbenzene	ND	0.25	0.50	"	ND		20	
Hexachlorobutadiene	ND	0.25	0.50	"	ND		20	
4-Isopropyl Toluene	ND	0.25	0.50	"	ND		20	
Isopropylbenzene	ND	0.25	0.50	"	ND		20	
Methylene chloride	ND	0.35	0.50	"	ND		20	
Methyl-t-butyl ether	ND	0.25	0.50	"	ND		20	
Naphthalene	ND	0.25	0.50	"	ND		20	
n-Propylbenzene	ND	0.25	0.50	"	ND		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	0.370	0.25	0.50	"	0.360	2.74	20	J
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	ND	0.25	0.50	"	ND		20	
1,3,5-Trimethylbenzene	ND	0.25	0.50	"	ND		20	
Vinyl chloride	ND	0.25	0.50	"	ND		20	

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#### **Volatile Organic Compounds by GC/MS - Quality Control**

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B9D0491 - EPA 8260B/LUFT	Preparation: 1	EPA 5030B	VOCGC	MS 04/17	/19 10:29						
Duplicate (B9D0491-DUP1)	Source: 1901	967-01	A	nalyzed: 04	1/17/19 16:3	9					
Xylenes (total)	ND	0.27	0.50	ug/L		ND				20	
TPH Gasoline (C4-C12)	ND	20	50	"		ND				20	
Surrogate: Dibromofluoromethane			13.1	"	12.5		105	83-119			
Surrogate: Toluene-d8			12.7	"	12.5		101	69-120			
Surrogate: 4-Bromofluorobenzene			14.4	"	12.5		115	79-125			
Matrix Spike (B9D0491-MS1)	Source: 1901	947-02	A	nalyzed: 04	1/17/19 20:4	3					
Benzene	9.56	0.25	0.50	ug/L	10.0	ND	95.6	70-141			
Chlorobenzene	9.64	0.25	0.50	"	10.0	ND	96.4	86-124			
1,1-Dichloroethene	9.86	0.25	0.50	"	10.0	ND	98.6	61-143			
Toluene	9.39	0.25	0.50	"	10.0	ND	93.9	66-135			
Trichloroethene (TCE)	9.93	0.25	0.50	"	10.0	ND	99.3	80-139			
Surrogate: Dibromofluoromethane			13.0	"	12.5		104	83-119			
Surrogate: Toluene-d8			12.6	"	12.5		101	69-120			
Surrogate: 4-Bromofluorobenzene			14.8	"	12.5		118	79-125			
Matrix Spike (B9D0491-MS2)	Source: 1901	950-03	Α	nalvzed: 04	1/17/19 21:1	0					
TPH Gasoline (C4-C12)	341	20	50	ug/L	500	20.2	64.2	34-149			
Surrogate: Dibromofluoromethane			13.1	"	12.5		105	83-119			
Surrogate: Toluene-d8			13.5	"	12.5		108	69-120			
Surrogate: 4-Bromofluorobenzene			13.6	"	12.5		109	79-125			
Batch B9D0784 - EPA 8260B/LUFT	Preparation: 1	EPA 5030B	VOCGCI	MS 04/26	/19 14:41						
Blank (B9D0784-BLK1)			A	nalyzed: 04	1/26/19 15:5	7					
t-Amyl Methyl Ether	ND	0.25	0.50	ug/L							
Benzene	ND	0.25	0.50	"							
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	"							
t-Butyl alcohol	ND	2.5	10	"							
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	"							

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Rincon Consultants Project: Ortega Park WO & Reported: 180 N. Ashwood Ave. Project Number: 18-06506 1901967
Ventura CA, 93003 Project Manager: Nico Navarro 04/29/2019 16:47

### **Volatile Organic Compounds by GC/MS - Quality Control**

Analyte	Result	MDI	DI	Unita	Snilea	Courac	%REC	%REC	DDD	DDD	Motos
Anaryte	Result	MDL	KL	Units	Spike Level	Source	/UKLC	Limite	KPD	Limit	Notes

Blank (B9D0784-BLK1)			Ana	alyzed: 04/26/19 16:24
Dibromochloromethane	ND	0.25	0.50	ug/L
1,2-Dibromo-3-chloropropane	ND	0.75	1.0	"
1,2-Dibromoethane (EDB)	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	11
cis-1,3-Dichloropropene	ND	0.25	0.50	11
trans-1,3-Dichloropropene	ND	0.25	0.50	11
Diisopropyl Ether	ND	0.25	0.50	11
Ethanol	ND	250	500	"
Ethyl t-Butyl Ether	ND	0.25	0.50	"
Ethylbenzene	ND	0.25	0.50	"
Hexachlorobutadiene	ND	0.25	0.50	"
4-Isopropyl Toluene	ND	0.25	0.50	"
Isopropylbenzene	ND	0.25	0.50	"
Methylene chloride	ND	0.35	0.50	"
Methyl-t-butyl ether	ND	0.25	0.50	"
Naphthalene	ND ND	0.25	0.50	"
n-Propylbenzene	ND ND	0.25	0.50	"
Styrene	ND ND	0.25	0.50	11
1,1,1,2-Tetrachloroethane	ND ND	0.25	0.50	11
		0.25		"
1,1,2,2-Tetrachloroethane Tetrachloroethene (PCE)	ND ND		0.50	"
	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	"

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Analyte

## Oilfield Environmental & Compliance, Inc.

Source

%REC

RPD

Notes

WO & Reported: Rincon Consultants Project: Ortega Park 1901967 Project Number: 18-06506 180 N. Ashwood Ave. Project Manager: Nico Navarro 04/29/2019 16:47 Ventura CA, 93003

## **Volatile Organic Compounds by GC/MS - Quality Control** Units

Spike

RL

Result

MDL

Analyte	resure	WIDL	ICE	Omts	Level	Result	70ICLC	Limits	M D	Limit	rvotes
Batch B9D0784 - EPA 8260B/LUFT	Preparation: I	EPA 5030B	VOCGC	MS 04/26	/19 14:41						
Blank (B9D0784-BLK1)			A	nalyzed: 04	/26/19 16:24	1					
1,2,4-Trimethylbenzene	ND	0.25	0.50	ug/L							
1,3,5-Trimethylbenzene	ND	0.25	0.50	"							
Vinyl chloride	ND	0.25	0.50	"							
Xylenes (total)	ND	0.27	0.50	"							
TPH Gasoline (C4-C12)	ND	20	50	"							
Surrogate: Dibromofluoromethane			12.8	"	12.5		103	83-119			
Surrogate: Toluene-d8			12.1	"	12.5		96.9	69-120			
Surrogate: 4-Bromofluorobenzene			12.6	"	12.5		101	79-125			
LCS (B9D0784-BS1)			A	nalyzed: 04	/26/19 14:09	)					
Benzene	4.69	0.25	0.50	ug/L	5.00		93.8	79-132			
Chlorobenzene	4.99	0.25	0.50	"	5.00		99.8	83-130			
1,1-Dichloroethene	3.66	0.25	0.50	"	5.00		73.2	62-147			
Toluene	4.93	0.25	0.50	"	5.00		98.6	71-133			
Trichloroethene (TCE)	5.30	0.25	0.50	"	5.00		106	79-140			
Surrogate: Dibromofluoromethane			13.0	"	12.5		104	83-119			
Surrogate: Toluene-d8			12.6	"	12.5		101	69-120			
Surrogate: 4-Bromofluorobenzene			13.2	"	12.5		105	79-125			
LCS (B9D0784-BS2)			A	nalyzed: 04	/26/19 15:03	3					
TPH Gasoline (C4-C12)	324	20	50	ug/L	500		64.9	56-132			
Surrogate: Dibromofluoromethane			13.2	"	12.5		106	83-119			
Surrogate: Toluene-d8			12.9	"	12.5		104	69-120			
Surrogate: 4-Bromofluorobenzene			13.0	"	12.5		104	79-125			
LCS Dup (B9D0784-BSD1)			A	nalyzed: 04	/26/19 14:30	5					
Benzene	4.74	0.25	0.50	ug/L	5.00		94.8	79-132	1.06	20	
Chlorobenzene	4.94	0.25	0.50	"	5.00		98.8	83-130	1.01	20	
1,1-Dichloroethene	3.72	0.25	0.50	"	5.00		74.4	62-147	1.63	20	
Toluene	5.09	0.25	0.50	"	5.00		102	71-133	3.19	20	
Trichloroethene (TCE)	5.20	0.25	0.50	"	5.00		104	79-140	1.90	20	
Surrogate: Dibromofluoromethane			13.1	"	12.5		105	83-119			
Surrogate: Toluene-d8			13.0	"	12.5		104	69-120			
Surrogate: 4-Bromofluorobenzene			12.8	"	12.5		102	79-125			

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Rincon Consultants Project: Ortega Park WO & Reported: 180 N. Ashwood Ave. Project Number: 18-06506 1901967
Ventura CA, 93003 Project Manager: Nico Navarro 04/29/2019 16:47

### Volatile Organic Compounds by GC/MS - Quality Control

Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Preparation: 1	EPA 5030B	VOCGC	MS 04/26	19 14:41						
		A	nalyzed: 04	/26/19 15:30	)					
329	20	50 13.1 13.2 13.0	ug/L " "	500 12.5 12.5 12.5		65.9 104 106 104	56-132 83-119 69-120 79-125	1.47	20	
Source: 1902	037-01	A	nalyzed: 04	/26/19 17:19	)					
ND N	0.25 0.25	0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50	nalyzed: 04 ug/L " " " " " " " " " " " " " " " " " "	/26/19 17:19	ND N				20 20 20 20 20 20 20 20 20 20 20 20 20 2	
ND N	0.25 0.25 0.75 0.25	0.50 0.50 1.0 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50			ND N				20 20 20 20 20 20 20 20 20 20 20 20 20 2	
	Preparation: 3 329  Source: 1902  ND	Preparation: EPA 5030B   Source: 1902037-01   ND	Preparation: EPA 5030B VOCGCN   And   13.1   13.2   13.0   13.0   13.1   13.2   13.0	Preparation: EPA 5030B VOCGCMS   04/26/26/26/26/26/26/26/26/26/26/26/26/26/	Preparation: EPA 5030B VOCGCMS   04/26/19 14:41	Preparation: EPA 5030B VOCGCMS   04/26/19   14:41	Result	Circle   Result   Circle   Result   Circle   Result	Preparation: EPA 5030B VOCGCMS 04/26/19 14:41	Preparation: EPA 5030B VOCGCMS 04/26/19 14:41   329

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WO & Reported: Rincon Consultants Project: Ortega Park 1901967 Project Number: 18-06506 180 N. Ashwood Ave. Project Manager: Nico Navarro 04/29/2019 16:47 Ventura CA, 93003

### Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B9D0784 - EPA 8260B/LUFT	Preparation: I	EPA 5030B	VOCGC	MS 04/26	/19 14:41						
Duplicate (B9D0784-DUP1)	Source: 19020	37-01	A	nalyzed: 04	/26/19 17:19	9					
trans-1,3-Dichloropropene	ND	0.25	0.50	ug/L		ND				20	
Diisopropyl Ether	ND	0.25	0.50	"		ND				20	
Ethanol	ND	250	500	"		ND				20	
Ethyl t-Butyl Ether	ND	0.25	0.50	"		ND				20	
Ethylbenzene	ND	0.25	0.50	"		ND				20	
Hexachlorobutadiene	ND	0.25	0.50	"		ND				20	
4-Isopropyl Toluene	ND	0.25	0.50	"		ND				20	
Isopropylbenzene	ND	0.25	0.50	"		ND				20	
Methylene chloride	ND	0.35	0.50	"		ND				20	
Methyl-t-butyl ether	ND	0.25	0.50	"		ND				20	
Naphthalene	ND	0.25	0.50	"		ND				20	
n-Propylbenzene	ND	0.25	0.50	"		ND				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	ND	0.25	0.50	"		ND				20	
1,3,5-Trimethylbenzene	ND	0.25	0.50	"		ND				20	
Vinyl chloride	ND	0.25	0.50	"		ND				20	
Xylenes (total)	ND	0.27	0.50	"		ND				20	
TPH Gasoline (C4-C12)	ND	20	50	"		ND				20	
Surrogate: Dibromofluoromethane			13.4	"	12.5		107	83-119			
Surrogate: Toluene-d8			12.3	"	12.5		98.5	69-120			
Surrogate: 4-Bromofluorobenzene			12.9	"	12.5		104	79-125			

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### **Volatile Organic Compounds by GC/MS - Quality Control**

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B9D0784 - EPA 8260B/LUFT	Preparation: 1	EPA 5030B	VOCGCI	MS 04/26	/19 14:41						
Matrix Spike (B9D0784-MS1)	Source: 19020	062-01	A	nalyzed: 04	/26/19 23:3	6					
Benzene	5.73	0.25	0.50	ug/L	5.00	ND	115	70-141			
Chlorobenzene	5.54	0.25	0.50	"	5.00	ND	111	86-124			
1,1-Dichloroethene	3.83	0.25	0.50	"	5.00	ND	76.6	61-143			
Toluene	5.66	0.25	0.50	"	5.00	ND	113	66-135			
Trichloroethene (TCE)	5.60	0.25	0.50	"	5.00	ND	112	80-139			
Surrogate: Dibromofluoromethane			13.3	"	12.5		106	83-119			
Surrogate: Toluene-d8			12.7	"	12.5		101	69-120			
Surrogate: 4-Bromofluorobenzene			13.8	"	12.5		111	79-125			
Matrix Spike (B9D0784-MS2)	Source: 19020	062-03	A	nalyzed: 04	/27/19 00:0	3					
TPH Gasoline (C4-C12)	369	20	50	ug/L	500	ND	73.8	34-149			
Surrogate: Dibromofluoromethane			13.1	"	12.5		105	83-119			
Surrogate: Toluene-d8			11.5	"	12.5		91.9	69-120			
Surrogate: 4-Bromofluorobenzene			13.8	"	12.5		110	79-125			

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Ventura CA, 93003 Project Manager: Nico Navarro 04/29/2019 16:47

#### **Notes and Definitions**

R-05 The sample was diluted due to the presence of high levels of non-target analytes resulting in elevated reporting limits.

Detected but below the RL/PQL; therefore, result is an estimated concentration.

MDL Method Detection Limit

RL Reporting Limit (Quantitation Limit)

ND Analyte NOT DETECTED at or above the method limit (MDL)

RPD Relative Percent Difference

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101 Adkisson Way, Taft, CA 93268

Phone:	(661)	762-9143

Company: RINCON CONULTANTS	Project Name/#: DRTEGA PARK / 18-06506
100 01 0	Site:
City/State/ZIP: VENTURA, CA 93003	Analysis Requested Special Instructions:
Phone: \$05.223.5066 Fax: E-mail: nnavarro (inconconsultan)  Report To: Nico NAVARRO Sampler: Nico NAVARRO - Com  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	5 include oxygenates
OEC Sample ID  Date/Time Sampled  Matrix** # of Client Sample ID  Cont.	1
19019107 of 4.16.19/1120 GW 4 HP5-GW  19019107 of 4.16.19/1120 GW 4 HP3-GW	X X
	Matrix Key**: Comments/PO#:
Received By: Date: 4.16.19 Time: 1.15  Received By: Date: 4.16.19 Time: 1.15  Relinquished By: Date: 4.16.19 Time: 1.9.12  Received By: OEC FRIDGE Date: 4/16/19 Time: 1.3.12  Relinquished By: OEC FRIDGE Date: 4/17/19 Time: 0.755	Watrix Rey A = air / vapor AQ = aqueous DW = drinking water F = filter GW = ground water P = product / oil PW = product water SW = surface water WP = wipe WW = waste water

060	CLIENT: RINCON	: 
<b>OEC</b>	4/17/	19 755

WORK ORDER: 190967 TEMPERATURE: 3.5 °C SAMPLE RECEIPT

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

LOGIN DATE/TIME: 410199 1122 REFRIGERATOR(S):

SAMPLE TRANSPORT	CAMPI E DECEIDE COM	DITION DESC	CDVATION	(1) Normalian Command Dominal		☐ See attached
	SAMPLE RECEIPT, CON			(*) Narration Comment Required	YES NO NA	PROBLEM CHAIN
OEC Courier/Sampler	Samples Received on Ice Wit				<b>a</b> 0.	for additional
Delivery (Other than OEC)	☐ Samples Received Outside To	emperature Range [	Acceptable]	Correct Container(s)/Preserve for Analysis	<b>2</b> 0 *	narration comments
☐ After-Hours Outside Drop-Off [Brought Inside]	☐ Direct from Field, on Ice			Container(s) Intact and in Good Condition	* 0	(**) OEC Presrv. ID
Initials/Date/Time:	☐ Ambient: Air or Filter Ma	trix	•	Container Label(s) Consistent with COC	A 0*	
☐ Shipment Carrier:	Received Ambient, Place	ed on Ice for Transpo	ort <sup>.</sup>	OEC Preservation Added **		
Tracking #:	☐ Sample Temperature Ac	ceptable for Analysis	s Requested	Sample Quantity Sufficient & Appropriate	- O*	
CUSTODY SEALS None Present	☐ Samples Received Outside To	emperature Range [	Exception] *	VOA Containers Free of Headspace		
Cooler(s): ☐ Present, Intact ☐ Present, Not Intact ☐ None	☐ Insufficient Ice or Unknow	wn Cause		Tedlar Bag(s) Free of Condensation	o o* 🖳	
Sample(s): ☐ Present, Intact ☐ Present, Not Intact ☐ None	· 🗆 Excessive Free Liquid in Sam	ple Bags or Cooler				
CONTAINERS, COC CHANGES, AND/OR CORRE	CTIONS					INITIALS (Narration
OEC CONTAINER DESCRIPTION		CHECKS: Cl', S' &/or pH	MATRIX	COMMENTS	-	Comments Only)
01-04A 1-1LAmber E	a. —		W	8		
01-04B-103-40mL VOA B	za. HCI		W	3 20,20 HA	NE HEADSB	ACE
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			No.	Ch		Rev. 02/25/2019

RECEIPT LOGIN BY: \_

RECEIPT REVIEWED BY

## Appendix C

Monitoring Well Permits



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w- ⁄ell				
Type:				
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	LEGAL DECLARATIO	ON	
Code (B. & P.C.) as a well drilling contract	the provisions of Chapter 9 (commencing w ctor (C-57 license) and such license is in full f		the Business and Professions
Julius Carsten	Signature of Driller	ero	Date
Lic. No.: 841350	Office Telephone 805-922-4772	Cell Phone:	805-570-4114
Business Name:	Address		
Section 3700 of the Labor I have and will maintain for the performance of we Carrier Applicant Signature  B. CERTIFICATION OF EXEMPTION 1	in a certificate of consent to self-insur r Code, for the performance of the work n workers' compensation insurance, as ork for which this permit is issued. My a Compensation Fund Justine From Workers' Compensation Insurance	for which this permit is issiprovided for by Section 37 insurance carrier and policy Policy No. 92/2/2 Date 4-5	ued. 100 of the Labor Code, y number are: 19918
I certify that in the performance of w come subject to the Worker's Compe	ork for which this permit is issued, I sha	all not employ any person if	a manner so as to be-
Applicant Signature	Alsation Daws of Cantonna.	Date	
Notice to Applicant: If, after making th	his Certificate of Exemption, you should be with such provisions or this permit shall be	ome subject to the Worker's Co	ompensation provisions of the
I hereby agree to comply with a struction, repair, modification, destruc- pleted well log upon completion of we	e will not be issued until all fees are paid all regulations of the County of Santa Ba tion and inactivation. The property own all construction, destruction, or modifical	arbara and California Well S ner, well driller, or agent witton.	Standards pertaining to well con ill furnish EHS a copy of a con
I certify that I have read this ap and complete. I hereby authorize rep herein for compliance with county req	pplication and declare under penalty of presentatives of EHS to enter the premise uirements.	perjury that the information es for the purpose of inspec	contained herein is true, correcting the site and work describe
	/ FINAL CLEARANCE: After perm with the approving Hazardous Materia		
<ul> <li>✓ The sealing of the annular search</li> <li>✓ The destruction of wells;</li> <li>✓ Any operation stipulated or</li> </ul>	space on a well; n the permit to address special or unusual o	onditions.	
Final clearance of the w	ell will be issued upon receipt of the d	riller's well log.	
Signed Cody Wilgus	Cody Wilgus	Digitally signed by Cody Wilgus Date: 2019,04,08 15:06:04 -07:00	4/8/2019
Applicant (Print Name) API Signed Environmental Health	PLICATION DISPOSITION: 🔯		Date ·
	FOR DEPARTMENT US	EONLY	50 March 2017
Fixed Fee Rec'd: by: TMR Receipt No.#: 2120718	Date: 4/10/2019 Amt.\$ 47	1.00 □ Cash □	Check# Visa
Permit Conditions:	A -	Date:	4/10/10/0
Final Clearance by:	nin	Date:	4/107-2010



TYPE OF PERMIT (Please chec	k the appropriate	box below)		•	FOR OFFICE USE ONLY		
	4 hrs) * first well dditional well "Modification" means the deepening of a well, reperforation, sealing or replacement of well casing – construction of one completed well.			Rec'd Date: 4/9/2019 Rec'd By: TMR			
	hrs) * first well ditional well Abandonment – Complete filling of the well				Permit #: <u>A19141</u> W/P #: 0003952		
* An hourly rate fee of \$157 will that noted above. Final project					P/E #: <u>4687</u> Hazmat Site #: <u>NA</u>		
Required Attachments: Plot plan	indicating the lo	cation of the we	ell with respect	to the following	items:		
<ol> <li>Property lines</li> <li>Below grade utilities, piping, USTs, etc.</li> <li>Access roads and easements (water, sewer, utility, roadway)</li> <li>Existing and/or proposed structures.</li> <li>Sewage disposal systems or works carrying or containing sewage or industrial wastes within the vicinity of the proposed well</li> <li>All perennial, seasonal, natural, or artificial water bodies or watercourses, if applicable</li> </ol>							
OWNER INFO:							
Well Owner Name (Required): Cit	ty of Santa Barb	ara		Pri	mary Phone (805) 564-5596		
Owner Mailing Address: PO Box	1990, Santa Ba	rbara, Californ	ia 93102-1990	1			
Stu	reet Number and St	reet Name		City	State/ Zip Code		
Complete this section if the person coordinating this project is other than the Well Owner (e.g., driller, contractor, etc.)  Project Coordinator/Certified Professional Name: Cody Wilgus  Mailing Address: 209 East Victoria Street, Santa Barbara, California 93101  Street Number and Name City State / Zip Code  Primary Phone: (805) 644 - 4455 Email: cwilgus@rinconconsultants.com							
WELL INFO:							
Well Location: Ortega Park, 604	East Ortega Str	eet, Santa Bar	bara, Californi	a 93103			
Street Number an	d Street Name			City	State/ Zip Code		
Well Location's Assessor's Parcel							
Well Use:   Ground Water Monit							
Drilling Method:   Hollow Stem A	Auger	otary	otary   Soni	c Direct Push	□ Other		
Proposed Depth 10 ft.	th 10 ft. Casing Information						
Well Bore Diam. 3.25 in.	Type:  Steel PVC Other						
Screen Interval 5-10 ft bgs	Wall Thickness 0.113 Diameter 0.75 in. Annular Seal Depth ft.						
Sealing Material	Additional Wor	k Description	Advance sam	pling tool to gro	undwater, collect grab sample		
☐ Neat Cement ☐ Clay		1		***			
☐ Cement Grout ☐ Concrete				***************************************			
Well ID# kt/P/txxkt/P/5x HP-2	If destruction by	pressure grout					

	LEGAL DECLARAT	ION	
LICENSED CONTRACTOR DECLARATION I hereby affirm that I am licensed under the Code (B. & P.C.) as a well drilling contractor (  Julius Carstens  Print Name of Driller	provisions of Chapter 9 (commencing	ill force and effect	3 of the Business and Professions  4-8-19
Print Name of Driller  Lic. No.: 841350	Signature of D Office Telephone 805-922-47		e: 805-570-4114
Business Name:	Address	Cen Phon	e: 000-070-4114
Section 3700 of the Labor Co	certificate of consent to self-in de, for the performance of the workers' compensation insurance, for which this permit is issued. A Compensation Fund of MORKERS' COMPENSATION for which this permit is issued, I tion Laws of California.	ork for which this permit is as provided for by Section by Insurance carrier and po Date	issued. 3700 of the Labor Code, licy number are: 349918 -8-19 n in a manner so as to be-
When signed by the Hazardous Mathe work described and is not a "permit formula permits (e.g., electrical installation, may also be required from other agencies. WORK APPROVED HEREIN. No chan Health Services (EHS). Final clearance will I hereby agree to comply with all restruction, repair, modification, destruction pleted well log upon completion of well confident in the complete. I hereby authorize representerein for compliance with county requirer	or development" as that term is waste discharge requirements, THIS PERMIT IS VALID FOR ges from the approved plan are I not be issued until all fees are I gulations of the County of Santa and inactivation. The property enstruction, destruction, or modification and declare under penalty statives of EHS to enter the prer	used in the California Subdand use clearance, grading RONE YEAR FROM THE permitted without prior varied and a copy of the driller. Barbara and California Webwiner, well driller, or agent ication.	livision Map Act. Please note addi- g, Santa Barbara City well permits. DATE OF ISSUANCE FOR THE written approval by Environmentars log is submitted to EHS.  Ill Standards pertaining to well conswill furnish EHS a copy of a combine contained herein is true, correction contained herein is true, correction.
REQUIRED INSPECTIONS / FI nspection must be scheduled directly wit ousiness days in advance for:  ✓ The sealing of the annular space ✓ The destruction of wells; ✓ Any operation stipulated on the	NAL CLEARANCE: After point the approving Hazardous Mat	erials Specialist or Professi	
Signed Cody Wilgus	Cody Wilgus	<ul> <li>Digitally signed by Cody Wilgus</li> <li>'bate: 2019.04.08 15:06:04 -07:00'</li> </ul>	4/8/2019
Applicant (Print Name)	Applicant's CATION DISPOSITION:	Signature	Date ·
Receipt No.:#: 2120718  Permit Conditions: Notify EHS 48  Final Construction Approved by:	FOR DEPARTMENT Of the second s		1/10/0010
Final Clearance by:	_TMR	Date:	4/10/2019



k the appropriate	box below)			FOR OFFICE USE ONLY			
thrs) * first well dditional well "Modification" means the deepening of a well, reperforation, sealing or replacement of well casing – construction of one completed well.			Rec'd Date: <u>4/9/2019</u> Rec'd By: <u>TMR</u>				
hrs) * first well   Abandonment – Complete filling of the well				Permit #: <u>A19142</u> W/P #: <u>0003953</u>			
			of	P/E #: <u>4687</u> Hazmat Site #: <u>NA</u>			
indicating the lo	cation of the w	ell with respect to the follow	wing item	18:			
<ol> <li>Property lines</li> <li>Below grade utilities, piping, USTs, etc.</li> <li>Access roads and easements (water, sewer, utility, roadway)</li> <li>Existing and/or proposed structures.</li> <li>Sewage disposal systems or works carrying or containing sewage or industrial wastes within the vicinity of the proposed well</li> <li>All perennial, seasonal, natural, or artificial water bodies or watercourses, if applicable</li> </ol>							
ty of Santa Barb	ara		Primar	y Phone (805) 564-5596			
1990, Santa Ba	rbara, Californ	ia 93102-1990					
reet Number and St	reet Name	City		State/ Zip Code			
Complete this section if the person coordinating this project is other than the Well Owner (e.g., driller, contractor, etc.)  Project Coordinator/Certified Professional Name: Cody Wilgus  Mailing Address: 209 East Victoria Street, Santa Barbara, California 93101  Street Number and Name City State / Zip Code  Primary Phone: (805) 644 - 4455 Email: cwilgus@rinconconsultants.com							
East Ortega Str	eet, Santa Ba	rbara, California 93103					
d Street Name		City		State/Zip Code			
Number (APN)	: 0 3	_ 1 1 _ 7 _ 3		0 0 2			
toring 🛮 🗆 Vapor	Other _						
Auger □ Mud R	otary 🗖 Air R	Rotary	Push E	Other			
Proposed Depth 10 ft. Casing Information							
Type: ☐ Steel ☐ PVC ☐ Other							
Wall Thickness 0.113 Diameter 0.75 in. Annular Seal Depth ft.							
Additional Work Description Advance sampling tool to groundwater, collect grab sample							
If destruction by	pressure grout	t, grout volume:					
	hrs) * first well Iditional well hrs) * first well Iditional well be added for those approval will not indicating the local water, sewer, utilizations.  Typo: Steel Wall Thickness Additional Work  hrs) * first well Iditional well be added for those approval will not indicating the local water, sewer, utilizations.  Typo: Santa Barb 1990, Santa	Iditional well reperforation, casing – constructional well reperforation, casing – construction, casing – constructional well reperforation, casing – construction, casing – construction in the second well not be issued until indicating the location of the well water, sewer, utility, roadway) courses.  Ly of Santa Barbara  1990, Santa Barbara, Californal casional Name: Cody Wilgus  2007 Cody Wil	"Modification" means the deepening of a we reperforation, sealing or replacement of well casing – construction of one completed well with rist well diditional well  Abandonment – Complete filling of the well diditional well  Abandonment – Complete filling of the well be added for those projects that require staff time in excess a approval will not be issued until all fees are paid.  indicating the location of the well with respect to the follow.  5. Sewage disposal system age or industrial waster, sewer, utility, roadway)  6. All perennial, seasona watercourses, if applied the follow of the follow	hrs) * first well ditional well "Modification" means the deepening of a well, reperforation, sealing or replacement of well casing – construction of one completed well.  hrs) * first well ditional well Abandonment – Complete filling of the well ditional well Abandonment – Complete filling of the well be added for those projects that require staff time in excess of approval will not be issued until all fees are paid.  indicating the location of the well with respect to the following item 5. Sewage disposal systems or we age or industrial wastes within water, sewer, utility, roadway) 6. All perennial, seasonal, natural watercourses, if applicable by of Santa Barbara. California 93102-1990 reet Number and Street Name City  On coordinating this project is other than the Well Owner (e.g., drilled sessional Name: Cody Wilgus Soria Street, Santa Barbara, California 93101 rer and Name City  Email: cwilgus@rinconconsultants.com  East Ortega Street, Santa Barbara, California 93103  d Street Name City  Email: cwilgus@rinconconsultants.com  East Ortega Street, Santa Barbara, California 93103  d Street Name City  Number (APN): 0 3 1 1 7 2 - Coring Vapor Other  Auger Mud Rotary Air Rotary Sonic Direct Push Date and Control of the Steel PVC Other  Wall Thickness 0.113 Diameter 0.75 in. Ann Additional Work Description Advance sampling tool to ground			

	LEGAL DECLARATION	
Code (B. & P.C.) as a well drilling contractor	ON  ne provisions of Chapter 9 (commencing with to provisions of Chapter 9 (commencing with to provide the provisions) and such license is in full force.	Sec. 7000) of Division 3 of the Business and Professions
Julius Carstens Print Name of Driller	Signature of Driller	
Lic. No.: 841350	Office Telephone 805-922-4772	Cell Phone: 805-570-4114
Business Name:	Address	
Section 3700 of the Labor C  I have and will maintain v for the performance of work  Carrier  Applicant Signature  B. CERTIFICATION OF EXEMPTION FR	a certificate of consent to self-insure for Code, for the performance of the work for workers' compensation insurance, as prok for which this permit is issued. My ins Compensation fund Insurance, as proken workers' Compensation fund Insurance, as proken workers' Compensation Insuran	ovided for by Section 3700 of the Labor Code, surance carrier and policy number are:  licy No
Notice to Applicant: If, after making this	Certificate of Exemption, you should become ith such provisions or this permit shall be deer	e subject to the Worker's Compensation provisions of the
Health Services (EHS). Final clearance w I hereby agree to comply with all a struction, repair, modification, destructio pleted well log upon completion of well o I certify that I have read this appli and complete. I hereby authorize repres-	will not be issued until all fees are paid an regulations of the County of Santa Barba on and inactivation. The property owner, construction, destruction, or modification lication and declare under penalty of perjectatives of EHS to enter the premises for	nitted without prior written approval by Environmenta and a copy of the drillers log is submitted to EHS. ara and California Well Standards pertaining to well cont, well driller, or agent will furnish EHS a copy of a comt. jury that the information contained herein is true, corrector the purpose of inspecting the site and work described
	FINAL CLEARANCE: After permit a with the approving Hazardous Materials	approval, and prior to covering any components, an Specialist or Professional Geologist at least two (2)
✓ The destruction of wells;	he permit to address special or unusual condi	litions.
• • •	I will be issued upon receipt of the drille	
Signed Cody Wilgus  Applicant (Print Name)	Cody Wilgus Applicant's Signatur	Digitally signed by Cody Wilgus "Date 2019.94,08 15.06.09 -0700"  The Date
	LICATION DISPOSITION: ☑ Ap	
Fixed Fee Rec'd: by: MCB  Receipt No.:#: 2120718  Permit Conditions: Notify EHS 4	FOR DEPARTMENT USE O  Date: 4/10/2019 Amt.\$ 157.  48 hours in advance of fieldwork	7.00 □ Cash □ Check # Visa
Final Construction Approved by: Final Clearance by:	TMR TMR	Date: 4/10/2019 Date: 4/10/2019



TYPE OF PERMIT (P	lease check the appropriate	box below)		FOR OFFICE USE ONLY		
☐ Construction or Modification	\$629 (4 hrs) * first well \$157 additional well	"Modification" reperforation, sea casing – construc	Rec'd Date: 4/9/2019 Rec'd Bv: TMR			
■ Well Destruction	\$471 (3 hrs) * first well \$157 additional well	Abandonment – C	Permit #: A19143 W/P #: 0003954			
	\$157 will be added for tho nal project approval will no		P/E #:4687 Hazmat Site #:NA			
Required Attachments:	Plot plan indicating the lo	cation of the well	with respect to the followir	g items:		
<ol> <li>Property lines</li> <li>Below grade utilities, piping, USTs, etc.</li> <li>Access roads and easements (water, sewer, utility, roadway)</li> <li>Existing and/or proposed structures.</li> <li>Sewage disposal systems or works carrying or containing sewage or industrial wastes within the vicinity of the proposed well</li> <li>All perennial, seasonal, natural, or artificial water bodies or watercourses, if applicable</li> </ol>						
OWNER INFO:						
Well Owner Name (Requ	ired): City of Santa Barb	ara	· F	Primary Phone (805) 564-5596		
Owner Mailing Address:	PO Box 1990, Santa Ba	rbara, California	93102-1990			
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Street Number and St	reet Name	City	State/ Zip Code		
Project Coordinator/Cert Mailing Address: 209 I	ified Professional Name: CE East Victoria Street, Sant treet Number and Name	ody Wilgus a Barbara, Califo	or than the Well Owner (e.g.  Ornia 93101  City  Inconconsultants.com	State / Zip Code		
WELL INFO:						
	Park, 604 East Ortega Str	eet, Santa Barba	ara, California 93103			
	Number and Street Name	0 2	City	State/ Zip Code		
	r's Parcel Number (APN)			0 0 2		
Drilling Method:   Hollo	ow Stem Auger	otary	ary   Sonic   Direct Pu	sh DOther		
Proposed Depth 10	oposed Depth 10 ft. Casing Information					
Well Bore Diam. 3.25	in. Type: □ Steel	Type:   Steel PVC Other				
Screen Interval 5-10		Wall Thickness 0.113 Diameter 0.75 in. Annular Seal Depth ft.				
Sealing Material	Additional Wor	k Description A	dvance sampling tool to g	roundwater, collect grab sample		
□ Neat Cement ■ Cl	ay	-				
☐ Cement Grout ☐ Co	oncrete					
Well ID#	HP4 If destruction by	pressure grout, g	rout volume:			
7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7						

	LEGAL DECLARA	TION		7
LICENSED CONTRACTOR DECLARATION				
I hereby affirm that I am licensed under the pro Code (B. & P.C.) as a well drilling contractor (C-	-57 license) and such license is in t	full force and effect	sion 3 of the Business and Professio	ns
Julius Carstens Print Name of Driller	Signature of I	Driller Oriller	7-0 ( ) Date	- [
Lic. No.: 841350	Office Telephone 805-922-4		Phone: 805-570-4114	1
Business Name:	Address	The state of the s		
(Complete 'A' or 'B')  A. WORKERS' COMPENSATION DECLARA' I hereby affirm one of the following:   I have and will maintain a complete section 3700 of the Labor Code	ertificate of consent to self-ing, for the performance of the waters' compensation insurance of which this permit is issued. I WORKERS' COMPENSATION or which this permit is issued, it was of California.	work for which this perm to as provided for by Sec My insurance carrier an My Policy No	ection 3700 of the Labor Code, and policy number are:  29998  4-8-19  Deerson in a manner so as to be-	ihe
When signed by the Hazardous Mater the work described and is not a "permit for tional permits (e.g., electrical installation, was may also be required from other agencies. The WORK APPROVED HEREIN. No change Health Services (EHS). Final clearance will be I hereby agree to comply with all regulated well be upon completion of well some	development" as that term is waste discharge requirements, FHIS PERMIT IS VALID FO es from the approved plan ar not be issued until all fees are ulations of the County of Santand inactivation. The property	used in the California Saland use clearance, grace of ONE YEAR FROM the permitted without propaid and a copy of the danger and California owner, well driller, or a	Subdivision Map Act. Please no ading, Santa Barbara City well p THE DATE OF ISSUANCE FO rior written approval by Enviro drillers log is submitted to EHS. a Well Standards pertaining to we	ote addi permits DR THE inmenta
pleted well log upon completion of well cons I certify that I have read this applicati and complete. I hereby authorize representa herein for compliance with county requireme	ion and declare under penalty atives of EHS to enter the pre-	of perjury that the infor		
REQUIRED INSPECTIONS / FINdinspection must be scheduled directly with business days in advance for:  The sealing of the annular space of	AL CLEARANCE: After p the approving Hazardous Ma			
✓ The destruction of wells;				
Any operation stipulated on the pe	•			
Final clearance of the well will	I be issued upon receipt of the	ie driller's well log.		
Signed Cody Wilgus	Cody Wilgus	Digitally signed by Cody Wilgus Date: 2019.04,68 15:08:04 -07:00	4/8/2019	
Applicant (Print Name)  APPLICA  Signed	Applicant' ATION DISPOSITION:	's Signature  ■ Approved □ D  4/10/2019	Date Denied	
Environmental Health Specialist	<i>t</i>	Date	<del></del>	
Receipt No.:#: 2120718	FOR DEPARTMENT ate: 4/10/2019 Amt.\$_nours in advance of fieldw		ash □ Check# <u>Visa</u>	# - #W
Final Construction Approved by:	TMR		Date: 4/10/2019	
	TMR		Date: 4/10/2019	



TYPE OF PERMIT (Please	check the appropriate	box below)		FOR OFFICE USE ONLY			
	9 (4 hrs) * first well 7 additional well	"Modification" reperforation, s casing – constr	Rec'd Date: <u>4/9/2019</u> Rec'd By: <u>TMR</u>				
	1 (3 hrs) * first well 7 additional well	Abandonment	Permit #: A19144 W/P #: 0003955				
* An hourly rate fee of \$157 that noted above. Final pro				P/E #: 4687 Hazmat Site #: NA			
Required Attachments: Plot plants.  1. Property lines 2. Below grade utilities, pipir 3. Access roads and easement 4. Existing and/or proposed states.	ng, USTs, etc. its (water, sewer, util		age or industrial wastes w	or works carrying or containing sew- vithin the vicinity of the proposed well atural, or artificial water bodies or			
OWNER INFO:	0: 10 - 1			205 504 5500			
Well Owner Name (Required):			•	rimary Phone (805) 564-5596			
Owner Mailing Address: PO E	Box 1990, Santa Ba Street Number and St	rbara, Californ reet Name	ia 93102-1990 City	State/ Zip Code			
Mailing Address: 209 East \	Project Coordinator/Certified Professional Name: Cody Wilgus  Mailing Address: 209 East Victoria Street, Santa Barbara, California 93101  Street Number and Name City State / Zip Code  Primary Phone: (805) 644 - 4455 Email: cwilgus@rinconconsultants.com						
	er and Street Name		City	State/ Zip Code			
			1 - 1 7 2				
			totary  Sonic  Direct Pus	h 🗆 Other			
Proposed Depth 10	oposed Depth 10 ft. Casing Information						
Well Bore Diam. 3.25	in. Type: 🗆 Steel						
Screen Interval 5-10 ft b	Wall Thiokman	Wall Thickness 0.113 Diameter 0.75 in. Annular Seal Depth ft.					
Sealing Material		Additional Work Description Advance sampling tool to groundwater, collect grab sample					
□ Neat Cement ■ Clay							
☐ Cement Grout ☐ Concret	***************************************						
Well ID# MXXXHP5	If destruction by	pressure grout	, grout volume:				

	LEGAL DECLARATION
LICENSED CONTRACT I hereby affirm that I ar	OR DECLARATION  In licensed under the provisions of Chapter 9 (commencing with Sec. 7000) of Division 3 of the Business and Professions
Code (B. & P.C.) as a we	Il drilling contractor (C-57 license) and such license is in full force and effect.
Julius C	arstens fully level 4-8-19  Signature of Driller Date
Lic. No.: 841350	Office Telephone 805-922-4772 Cell Phone: 805-570-4114
Business Name:	Address
I hereby affirm one of  I have an Section 37  I have an for the per  Carrier  Applicant Signature  B. CERTIFICATION OI I certify that in the per come subject to the Wapplicant Signature  Notice to Applicant: If	the following:  In the following
the work described and tional permits (e.g., ele may also be required fr WORK APPROVED I Health Services (EHS).  I hereby agree to struction, repair, modifi pleted well log upon con I certify that I ha	the Hazardous Materials Specialist or Professional Geologist, this application shall be deemed a permit only for is not a "permit for development" as that term is used in the California Subdivision Map Act. Please note addictrical installation, waste discharge requirements, land use clearance, grading, Santa Barbara City well permits on other agencies. THIS PERMIT IS VALID FOR ONE YEAR FROM THE DATE OF ISSUANCE FOR THE IEREIN. No changes from the approved plan are permitted without prior written approval by Environmenta Final clearance will not be issued until all fees are paid and a copy of the drillers log is submitted to EHS. comply with all regulations of the County of Santa Barbara and California Well Standards pertaining to well conceation, destruction and inactivation. The property owner, well driller, or agent will furnish EHS a copy of a commitment of well construction, destruction, or modification.
herein for compliance v REQUIRED IN inspection must be sch- business days in advance	
✓ The destruction ✓ Any operat	s of the annular space on a well; etion of wells; ion stipulated on the permit to address special or unusual conditions.  rance of the well will be issued upon receipt of the driller's well log.
Signed Cody Wilgus	Cody Wilgus Oligitally signed by Cody Wilgus 4/8/2019
Signed_	Applicant (Print Name) Applicant's Signature  APPLICATION DISPOSITION: Approved 4/10/2019  ironmental Health Specialist  Date
Fixed Fee Rec'd: by: Receipt No.:#: _21207 Permit Conditions: Final Construct	FOR DEPARTMENT USE ONLY   MCB
Final Clearance	1/40/0040

## **COUNTY OF SANTA BARBARA**

X2120718

NOO 2	Environmental Health Servi	Department
CHIFORNIE		Date 4/09/2019
Received from	Of GO THOMPSON	
In Payment of Mix	DOSORVOTION 10 471	£ 70 157°
OND THOUGAN)	FUT HUNDER SOUTHON -	and 000 Dollars \$ 1,5 100
Received original of the abo		4 5 9 M
By PHONO	CASH	Carlos
AC-147 SIGNATURE	OF PAYOR	AUTHORIZED SIGNATURE

MERCHANT COPY

I agree to pay above total amount according to card issuer agreement. (Merchant agreement if Credit Youcher)

\$1570.00

SALE AMOUNT

Avs Code: Tax Amount: Cust Code: Mode:

NYZ

Manual: Online \$0.00

024765

645

VISA SALE XXXXXXXXXXXXX5971

CREDIT CARD

Card # Token
SEQ #:
Batch #:
INVOICE
Approval Code:
Entry Method:

04/09/2019 MID: XXXXXXXXXXXXXXXX310 5419 SM ENVIRNMNTL HEA 2125 CTRPOINTE PKY S 33 SANTA MARIA, CA 9345513

15:06:12 TID: XXXXX806



TYPE OF PERMIT (Plea	se check the appropriate	box below)			FOR OFFICE USE ONLY	
	6629 (4 hrs) * first well 6157 additional well	"Modification" m reperforation, seal casing – construct	ing or replacer	ment of well	Rec'd Date: <u>4/9/2019</u> Rec'd By: <u>TMR</u>	
	6471 (3 hrs) * first well 6157 additional well				Permit #: A19145 W/P #: 4687	
* An hourly rate fee of \$15 that noted above. Final					P/E #: 0003956  Hazmat Site #: NA	
Required Attachments: Pl	ot plan indicating the lo	cation of the well	with respect t	o the following ite	ms:	
<ol> <li>Property lines</li> <li>Below grade utilities, p</li> <li>Access roads and easen</li> <li>Existing and/or propose</li> </ol>	nents (water, sewer, util		age or indu . All perenni	strial wastes withi	works carrying or containing sew- n the vicinity of the proposed well al, or artificial water bodies or	
OWNER INFO:						
Well Owner Name (Require	d): City of Santa Barb	ara		Prima	ry Phone (805) 564-5596	
Owner Mailing Address: Po	O Box 1990, Santa Ba	rbara, California	93102-1990			
	Street Number and St	reet Name		City ·	State/Zip Code	
Complete this section if the Project Coordinator/Certified Mailing Address: 209 East	ed Professional Name: _C	ody Wilgus		ll Owner (e.g., dril	ler, contractor, etc.)	
Primary Phone: ( 805 ) 644	et Number and Name			City com	State / Zip Code	
WELL INFO:						
Well Location: Ortega Par	k, 604 East Ortega Str	eet, Santa Barba	ıra, California	93103		
Street Nur	mber and Street Name			City	State/Zip Code	
Well Location's Assessor's	Parcel Number (APN)	: <u>0 3                                   </u>	1 _ 1		0 0 2	
Well Use:   Ground Water	Monitoring	Other		· · · · · · · · · · · · · · · · · · ·	and the same of th	
Drilling Method: ☐ Hollow	Stem Auger ☐ Mud R	otary 🛮 Air Rota	ary 🗆 Sonic	Direct Push	Other	
Proposed Depth 4	ft.	Casing Information				
Well Bore Diam. 3.25	in. Type: 🗆 Steel	■ PVC □ Other				
Screen Interval 0-4	- I	0.113	Diameter 0.7	75 in. An	nular Seal Depthft.	
Sealing Material	Additional Wor	k Description A	dvance samp	oling tool to grour	dwater, collect grab sample	
☐ Neat Cement ☐ Clay						
☐ Cement Grout ☐ Conc	erete	-				
Well ID # RB108818						

LEGAL DECLARATION							
LICENSED CONTRACTOR DECLARATION I hereby affirm that I am licensed under the provisions of Chapter 9 (commencing with Sec. 7000) of Division 3 of the Business and Professions							
Code (B. & P.C.) a	s a well drilling contractor (C-57 license) and such license is in full force and effect.						
Julius	rint Name of Driller  Signature of Driller	4-8-19 Date					
Lic. No.: 841350	Office Telephone 805-922-4772 Cell Phone: 805	6-570-4114					
Business Name:	Address						
I hereby affirm of I hat Section I have for the Carrier Applicant Signatur B. CERTIFICATION I certify that in the come subject to the Applicant Signatur Notice to Applica	ompensation Declaration ne of the following: we and will maintain a certificate of consent to self-insure for workers' compensation, on 3700 of the Labor Code, for the performance of the work for which this permit is issued we and will maintain workers' compensation insurance, as provided for by Section 3700 to performance of work for which this permit is issued. My insurance carrier and policy is that a compensation fund its Policy No.  Date 4-8-  ON OF EXEMPTION FROM WORKERS' COMPENSATION INSURANCE the performance of work for which this permit is issued, I shall not employ any person in a sche Worker's Compensation Laws of California.	d. Of the Labor Code, number are: 9918  manner so as to be-					
the work described tional permits (e.g may also be requir WORK APPROV Health Services (E I hereby agr struction, repair, m pleted well log upon	d by the Hazardous Materials Specialist or Professional Geologist, this application shall and is not a "permit for development" as that term is used in the California Subdivision, electrical installation, waste discharge requirements, land use clearance, grading, Samed from other agencies. THIS PERMIT IS VALID FOR ONE YEAR FROM THE DATED HEREIN. No changes from the approved plan are permitted without prior written HS). Final clearance will not be issued until all fees are paid and a copy of the drillers log tee to comply with all regulations of the County of Santa Barbara and California Well Standification, destruction and inactivation. The property owner, well driller, or agent will not completion of well construction, destruction, or modification.	on Map Act. Please note addi- ta Barbara City well permits. TE OF ISSUANCE FOR THE in approval by Environmental is submitted to EHS. Indards pertaining to well con- furnish EHS a copy of a com-					
and complete. I he herein for compliant	ereby authorize representatives of EHS to enter the premises for the purpose of inspectin nce with county requirements.	g the site and work described					
inspection must be business days in ad	<u>D INSPECTIONS / FINAL CLEARANCE</u> : After permit approval, and prior to cover scheduled directly with the approving Hazardous Materials Specialist or Professional vance for:  ealing of the annular space on a well;						
✓ The d	estruction of wells;						
-	peration stipulated on the permit to address special or unusual conditions.						
❖ Final	clearance of the well will be issued upon receipt of the driller's well log.						
Signed Cody Wilgus		4/8/2019					
Signed	Applicant (Print Name)  Applicant's Signature  APPLICATION DISPOSITION: Approved Under 4/10/2019	Date					
	Environmental Health Specialist Date						
Fixed Fee Rec'd: t Receipt No.:#: 21 Permit Condition	20718	eck#_Visa					
		4/10/2019					
Final Clea	rance by:Date:	4/10/2019					



TYPE OF PERMIT (Please che	FOR OFFICE USE ONLY						
	4 hrs) * first well dditional well "Modification" means the deepening of a well, reperforation, sealing or replacement of well casing – construction of one completed well.			Rec'd Date: <u>4/9/2019</u> Rec'd By: <u>TMR</u>			
	3 hrs) * first well Abandonment – Complete filling of the well			Permit #: <u>A19146</u> W/P #: <u>0003957</u>			
* An hourly rate fee of \$157 will that noted above. Final project	P/E #:						
Required Attachments: Plot plan indicating the location of the well with respect to the following items:							
<ol> <li>Property lines</li> <li>Below grade utilities, piping, USTs, etc.</li> <li>Access roads and easements (water, sewer, utility, roadway)</li> <li>Existing and/or proposed structures.</li> <li>Sewage disposal systems or works carrying or containing sewage or industrial wastes within the vicinity of the proposed well</li> <li>All perennial, seasonal, natural, or artificial water bodies or watercourses, if applicable</li> </ol>							
OWNER INFO:							
Well Owner Name (Required): C	ity of Santa Barb	ara		Prima	ary Phone (805) 564-5596		
Owner Mailing Address: PO Box	1990, Santa Ba	rbara, Californi	ia 93102-1990				
S	treet Number and St	reet Name	<u> </u>	City	State/ Zip Code		
Complete this section if the person coordinating this project is other than the Well Owner (e.g., driller, contractor, etc.)  Project Coordinator/Certified Professional Name: Cody Wilgus  Mailing Address: 209 East Victoria Street, Santa Barbara, California 93101							
Primary Phone: ( 805 ) 644	ber and Name 4455	Email: cwilgus	@rinconconsultants	City s.com	State / Zip Code		
WELL INFO:							
Well Location: Ortega Park, 604	Fast Ortega Str	eet, Santa Bar	bara, California	a 93103			
Street Number a	nd Street Name			City	State/Zip Code		
Well Location's Assessor's Parco	el Number (APN)	: <u>0</u> 3	_ 1 1		0 0 2		
Well Use:  Ground Water Moni	itoring 🛮 Vapor	Other_					
Drilling Method: ☐ Hollow Stem Auger ☐ Mud Rotary ☐ Air Rotary ☐ Sonic ☐ Direct Push ☐ Other							
Proposed Depth 4 ft.			<u>Casing</u>	g Information			
Well Bore Diam. 3.25 in.	Type: ☐ Steel		er				
Screen Interval 0-4 ft bgs	Wall Thickness 0.113 Diameter 0.75 in. Annular Seal Depth ft.						
Sealing Material	Additional Work Description Advance sampling tool to groundwater, collect grab sample						
☐ Neat Cement ☐ Clay							
☐ Cement Grout ☐ Concrete							
Well ID # <b>XXXXXXXXX</b> RB-2							

LEGAL DECLARATION							
LICENSED CONTRACTOR DECLARATION I hereby affirm that I am licensed under the provisions of Chapter 9 (commencing with Sec. 7000) of Division 3 of the Business and Professions							
Code (B. & P.C.) as a well drilling	g contractor (C-57 license) and such license is in	full force and effect					
Julius Cars Print Name of Dri	tens fulliar Signature of	f Driller	4-8-19 Date				
Lic. No.: 841350	Office Telephone 805-922-		305-570-4114				
Business Name:	Address						
Section 3700 of the I have and will for the performant Carrier  Applicant Signature  B. CERTIFICATION OF EXEM I certify that in the performant come subject to the Worker's Applicant Signature  Notice to Applicant: If, after the subject to the subject to the worker's Applicant Signature.		work for which this permit is issue, as provided for by Section 37  My insurance carrier and policy  Policy No. 92/24  Date 4-8  N INSURANCE  , I shall not employ any person in  Date	ned. 00 of the Labor Code, number are: 19918 2-19 a a manner so as to be-				
the work described and is not tional permits (e.g., electrical may also be required from oth WORK APPROVED HEREIT Health Services (EHS). Final c  I hereby agree to compl struction, repair, modification, pleted well log upon completic	zardous Materials Specialist or Profession a "permit for development" as that term i installation, waste discharge requirements er agencies. THIS PERMIT IS VALID For N. No changes from the approved plan a clearance will not be issued until all fees are y with all regulations of the County of San destruction and inactivation. The propertion of well construction, destruction, or most this application and declare under penalt	is used in the California Subdivisions, land use clearance, grading, Some ONE YEAR FROM THE Datare permitted without prior write paid and a copy of the drillers length and a california Well Some yowner, well driller, or agent with diffication.	sion Map Act. Please note addi- anta Barbara City well permits; ATE OF ISSUANCE FOR THE ten approval by Environmental og is submitted to EHS. standards pertaining to well con- ll furnish EHS a copy of a com-				
herein for compliance with cou <b>REQUIRED INSPEC</b>	TIONS / FINAL CLEARANCE: After	permit approval, and prior to co	overing any components, an				
business days in advance for:  ✓ The sealing of the ✓ The destruction of		·	al Geologist <u>at least two (2)</u>				
• • •	ulated on the permit to address special or unus	4					
Final clearance of the second of the seco	of the well will be issued upon receipt of t	the driller's well log.					
Signed Cody Wilgus	Cody Wilgus	Digitally signed by Cody Wilgus Date: 2019.04.68 15:08:04 -07:00	4/8/2019				
Applicant (P SignedEnvironment	APPLICATION DISPOSITION: al Health Specialist	nt's Signature  Approved Denied  4/10/2019  Date	Date				
Fixed Fee Rec'd: by: MCB Date: 4/10/2019 Amt.\$ 157.00							
Receipt No.:#: 2120718							
Permit Conditions: Not	ify EHS 48 hours in advance of fields	work	4/40/0040				
Final Construction Appr Final Clearance by:	roved by: TMR TMR	Date: Date:	4/10/2019 4/10/2019				



TYPE OF PERMIT (Ple	ase check the appropriate	box below)	,		FOR OFFICE USE ONLY
☐ Construction or Modification	\$629 (4 hrs) * first well \$157 additional well				Rec'd Date: <u>4/9/2019</u> Rec'd By: <u>TMR</u>
■ Well Destruction	\$471 (3 hrs) * first well \$157 additional well	Abandonment – C	Permit #: <u>A19147</u> W/P #: <u>0003958</u>		
* An hourly rate fee of \$1 that noted above. Fina	157 will be added for thos Il project approval will no				P/E #: 4687 Hazmat Site #: NA
Required Attachments:	Plot plan indicating the lo	cation of the well	with respect t	o the following ite	ms:
<ol> <li>Property lines</li> <li>Below grade utilities,</li> <li>Access roads and ease</li> <li>Existing and/or proport</li> </ol>	ments (water, sewer, util		age or indu . All perenni	strial wastes within	works carrying or containing sew- n the vicinity of the proposed well al, or artificial water bodies or
OWNER INFO:					
Well Owner Name (Requir	ed): City of Santa Barb	ara		Prima	ry Phone (805) 564-5596
Owner Mailing Address: _	PO Box 1990, Santa Ba	rbara, California	93102-1990		
	Street Number and St	reet Name		City ·	State/Zip Code
Complete this section if the person coordinating this project is other than the Well Owner (e.g., driller, contractor, etc.)  Project Coordinator/Certified Professional Name: Cody Wilgus  Mailing Address: 209 East Victoria Street, Santa Barbara, California 93101					
Str	eet Number and Name 44 _ 4455			City com	State / Zip Code
WELL INFO:					
Well Location: Ortega Pa	ark, 604 East Ortega Str	eet, Santa Barba	ıra, California	93103	
Street N	umber and Street Name			City	State/Zip Code
Well Location's Assessor'	's Parcel Number (APN)	: <u>0 3                                   </u>	1 _ 1		0 0 2
Well Use: 🔳 Ground Wat	er Monitoring	Other			
Drilling Method: ☐ Hollov	w Stem Auger	otary 🛮 Air Rota	ary 🗆 Sonic	■ Direct Push	Other
Proposed Depth 4	ft.		Casing	Information	
Well Bore Diam. 3.25	in. Type: □ Steel	■ PVC □ Other			
Screen Interval 0-4	*** ** ***	0.113	Diameter 0.7	in. An	nular Seal Depthft.
Sealing Material	Additional Wor	k Description A	dvance samp	oling tool to groun	dwater, collect grab sample
☐ Neat Cement ☐ Clay		1			
☐ Cement Grout ☐ Con		-			
Well ID # XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX				***************************************	

	LEGAL DECLARAT	ION	
LICENSED CONTRACTOR DECL			
Code (B. & P.C.) as a well drilling o	nder the provisions of Chapter 9 (commencing outractor (C-57 license) and such license is in fu		-
Julius Carste	ons Julia Signature of Di	(2)	4-8-19
Print Name of Driller Lic. No.: 841350	Office Telephone 805-922-47		B05-570-4114
Business Name:	Address	Cen Fhone.	700-070-4714
(Complete 'A' or 'B')  A. WORKERS' COMPENSATION I hereby affirm one of the follow  I have and will ma Section 3700 of the l I have and will ma for the performance Carrier  Applicant Signature  B. CERTIFICATION OF EXEMPT I certify that in the performance come subject to the Worker's Complicant Signature  Notice to Applicant: If, after mak	DECLARATION	as provided for by Section 37  My insurance carrier and policy Policy No. 92/24  Date 4-8  INSURANCE shall not employ any person in  Date	nued.  100 of the Labor Code, y number are: 19918  1-19  1 a manner so as to be-
the work described and is not a "tional permits (e.g., electrical ins may also be required from other a WORK APPROVED HEREIN. Health Services (EHS). Final clea  I hereby agree to comply w struction, repair, modification, de pleted well log upon completion of	dous Materials Specialist or Professional permit for development" as that term is a sallation, waste discharge requirements, lagencies. THIS PERMIT IS VALID FOR No changes from the approved plan are rance will not be issued until all fees are paint all regulations of the County of Santa struction and inactivation. The property of well construction, destruction, or modificial application and declare under penalty of sapplication and declare under penalty of santal struction.	used in the California Subdivision use clearance, grading, S. ONE YEAR FROM THE Date permitted without prior writer and a copy of the drillers lead and a California Well Sowner, well driller, or agent witer agent.	sion Map Act. Please note addi- anta Barbara City well permits; ATE OF ISSUANCE FOR THE tten approval by Environmental og is submitted to EHS. Standards pertaining to well con- ill furnish EHS a copy of a com-
and complete. I hereby authorize herein for compliance with county	representatives of EHS to enter the pren	nises for the purpose of inspec	ting the site and work described
	ectly with the approving Hazardous Mat		
✓ The destruction of we	lls;		
• •	ed on the permit to address special or unusua	1	
Final clearance of t	ne well will be issued upon receipt of the	driller's well log.	
Signed Cody Wilgus	Cody Wilgus	Digitally signed by Cody Wilgus Date: 2019.04.08 15:06:04 -07:00	4/8/2019
Applicant (Print	Varne) Applicant's  APPLICATION DISPOSITION:		Date
Signed		4/10/2019	
Environmental H	ealth Specialist	Date	
Fixed Fee Rec'd: by: MCB Receipt No.:#: 2120718 Permit Conditions: Notify	FOR DEPARTMENT U  Date: 4/10/2019 Amt.\$  EHS 48 hours in advance of fieldwo	157.00 ☐ Cash ☐ C	Check#_Visa
Final Construction Approve		Date:	4/10/2019
Final Clearance by:	TMR	Date:	4/10/2019



TYPE OF PERMIT (Please ch	neck the appropriate	box below)			FOR OFFICE USE ONLY
	(4 hrs) * first well additional well				Rec'd Date: <u>4/9/2019</u> Rec'd By: <u>TMR</u>
	(3 hrs) * first well additional well	Abandonment –	Permit #: A19148  W/P #: 0003959		
* An hourly rate fee of \$157 w that noted above. Final proj	ill be added for thos ect approval will no	se projects that re ot be issued until	e in excess of d.	P/E #:4687 Hazmat Site #:NA	
Required Attachments: Plot pl	an indicating the lo				
<ol> <li>Property lines</li> <li>Below grade utilities, piping, USTs, etc.</li> <li>Access roads and easements (water, sewer, utility, roadway)</li> <li>Existing and/or proposed structures.</li> <li>Sewage disposal systems or works carrying or containing sewage or industrial wastes within the vicinity of the proposed well</li> <li>All perennial, seasonal, natural, or artificial water bodies or watercourses, if applicable</li> </ol>					
OWNER INFO:					
Well Owner Name (Required):	City of Santa Barb	ara		Prima	ry Phone (805) 564-5596
Owner Mailing Address: PO Bo	ox 1990, Santa Ba	rbara, California	93102-1990		
• • • • • • • • • • • • • • • • • • •	Street Number and St	reet Name		City	State/Zip Code
Complete this section if the pe Project Coordinator/Certified Pr Mailing Address: 209 East Vi	ofessional Name: _C	ody Wilgus		ll Owner (e.g., drill	er, contractor, etc.)
Mailing Address: 255 Last VI Street Nu Primary Phone: (805) 644	mber and Name	Email: cwilgus@		City	State / Zip Code
WELL INFO:					
Well Location: Ortega Park, 60	04 East Ortega Str	eet, Santa Barb	ara, California	93103	
Street Number	and Street Name			City	State/Zip Code
Well Location's Assessor's Par	cel Number (APN)	: 0 3	1 _ 1		0 0 2
Well Use:  Ground Water Mo	nitoring   Vapor	r 🗆 Other			
Drilling Method: ☐ Hollow Ster	n Auger 🛮 Mud R	otary	ary   Sonic	■ Direct Push	☐ Other
Proposed Depth 4 ft			Casing	Information	
Well Bore Diam. 3.25 in	Type: 🗆 Steel	■ PVC □ Other			
Screen Interval 0-4 ft bg:	1 *** 11 *** 1	0.113	Diameter 0.7	5 in. Ann	nular Seal Depthft.
Sealing Material	Additional Wor	k Description	Advance samp	oling tool to groun	dwater, collect grab sample
☐ Neat Cement ☐ Clay			•		
☐ Cement Grout ☐ Concrete					
Well ID #XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX					

	LEGAL DECLARATION	N .
LICENSED CONTRACTOR DECLARATION I hereby affirm that I am licensed under the provise Code (B. & P.C.) as a well drilling contractor (C-57    Jelices   Leesteus   Print Name of Driller		th Sec. 7000) of Division 3 of the Business and Professions receand effect.
Print Name of Dritter  Lic, No.: 841350	Office Telephone 805-922-4772	Cell Phone: 805-570-4114
Business Name:	Address	ONI I ROM
Section 3700 of the Labor Code, for I have and will maintain worker for the performance of work for we Carrier Section Carrier Section	ificate of consent to self-insure for the performance of the work for the performance of the work for compensation insurance, as produced this permit is issued. My in the formal of the	provided for by Section 3700 of the Labor Code, insurance carrier and policy number are: Policy No. 42/2499/8  Date 4-8-19
the work described and is not a "permit for de tional permits (e.g., electrical installation, was may also be required from other agencies. TH WORK APPROVED HEREIN. No changes Health Services (EHS). Final clearance will not I hereby agree to comply with all regular struction, repair, modification, destruction and pleted well log upon completion of well constru	evelopment" as that term is used ste discharge requirements, land IS PERMIT IS VALID FOR ON from the approved plan are pet to be issued until all fees are paid tions of the County of Santa Barinactivation. The property owner cution, destruction, or modification.	plogist, this application shall be deemed a permit only for in the California Subdivision Map Act. Please note address clearance, grading, Santa Barbara City well permit NE YEAR FROM THE DATE OF ISSUANCE FOR THE INTERIOR WITHOUTH THE DATE OF ISSUANCE FOR THE INTERIOR OF
and complete. I hereby authorize representative herein for compliance with county requirements <b>REQUIRED INSPECTIONS / FINAL</b>	ves of EHS to enter the premises s. <u>CLEARANCE</u> : After permit	for the purpose of inspecting the site and work describe approval, and prior to covering any components, an s Specialist or Professional Geologist at least two (2)
business days in advance for:  ✓ The sealing of the annular space on a ✓ The destruction of wells; ✓ Any operation stipulated on the perm  ❖ Final clearance of the well will b	a well; nit to address special or unusual cor	nditions.
Signed Cody Wilgus	Cody Wilgus	Digitally signod by Cody Wilgus Date: 2019.04.09 15:06:04 -0700  4/8/2019
Applicant (Print Name)  APPLICAT  Signed  Environmental Health Specialist	Applicant's Signa FION DISPOSITION:   A	
Fixed Fee Rec'd: by: MCB Date:	FOR DEPARTMENT USE 4/10/2019 Amt.\$ No	
Receipt No.:#: N/A	harma in advance of fieldwe	al.
_	<u>hours in advance of fieldwo</u> TMR	Date: 4/10/2019
Final Clearance by:	TMR	Date: 4/10/2019



TYPE OF PERMIT (Please che	ck the appropriate	box below)			FOR OFFICE USE ONLY
	4 hrs) * first well dditional well "Modification" means the deepening of a well, reperforation, sealing or replacement of well casing – construction of one completed well.			Rec'd Date: <u>4/9/2019</u> Rec'd By: <u>TMR</u>	
	hrs) * first well   Abandonment – Complete filling of the well				Permit #: <u>A19149</u> W/P #: <u>0003960</u>
* An hourly rate fee of \$157 will that noted above. Final project			P/E #: <u>4687</u> Hazmat Site #: <u>NA</u>		
Required Attachments: Plot pla	n indicating the lo	cation of the we	ell with respect t	to the following ite	ems:
<ol> <li>Property lines</li> <li>Below grade utilities, piping,</li> <li>Access roads and easements</li> <li>Existing and/or proposed structure</li> </ol>	(water, sewer, util	ity, roadway)	age or indu	istrial wastes withi	works carrying or containing sew- n the vicinity of the proposed well al, or artificial water bodies or
OWNER INFO:					
Well Owner Name (Required): C	city of Santa Barb	ara		Prima	ary Phone (805) 564-5596
Owner Mailing Address: PO Box	k 1990, Santa Ba	rbara, Californ	ia 93102-1990		
S	treet Number and St	reet Name		City	State/ Zip Code
Complete this section if the person coordinating this project is other than the Well Owner (e.g., driller, contractor, etc.)  Project Coordinator/Certified Professional Name: Cody Wilgus  Mailing Address: 209 East Victoria Street, Santa Barbara, California 93101					
Primary Phone: ( 805 ) 644	ber and Name		@rinconconsultants	City .com	State / Zip Code
WELL INFO:					
Well Location: Ortega Park, 60-	4 East Ortega Str	eet, Santa Bai	bara, California	a 93103	
Street Number a	ind Street Name			City	State/Zip Code
Well Location's Assessor's Parc	el Number (APN)	: <u>0 3</u>	_ 1 _ 1		0 0 2
Well Use:  Ground Water Mon	itoring 🔲 Vapor	r 🗆 Other _			
Drilling Method: ☐ Hollow Stem	Auger ☐ Mud R	otary 🛮 Air R	otary   Sonic	Direct Push	☐ Other
Proposed Depth 4 ft.			Casing	<u>Information</u>	
Well Bore Diam. 3.25 in.	Type: ☐ Steel	■ PVC □ Othe	er		
Screen Interval 0-4 ft bgs	Wall Thickness	0.113	Diameter 0.7	75 in. An	nular Seal Depthft.
Sealing Material	Additional Wor	k Description	Advance sam	pling tool to grour	ndwater, collect grab sample
☐ Neat Cement ☐ Clay		•			
☐ Cement Grout ☐ Concrete					
Well ID # <b>XXXXXXXX</b> RB-5	If destruction by				

tional permits (e.g., electrical installation, waste discharge requirements, land use clearance, grading, Santa Barbara City well permay also be required from other agencies. THIS PERMIT IS VALID FOR ONE YEAR FROM THE DATE OF ISSUANCE FOR		LEGAL DECLARATION	ON	
Lic. No.: 841350 Office Telephone 805-922-4772 Cell Phone: 805-570-4114  Business Name: Address  (Complete 'A' or 'B')  A. WORKERS' COMPENSATION DECLARATION  I hereby affirm one of the following:  I have and will maintain a certificate of consent to self-insure for workers' compensation, as provided for by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued.  I have and will maintain workers' compensation insurance, as provided for by Section 3700 of the Labor Code, for the performance of work for which this permit is issued. My insurance carrier and policy number are:  Carrier State Compensation Laws fund Policy No. 92/2/2998  Applicant Signature  B. CERTIFICATION FEXEMPTION FROM WORKERS' COMPENSATION INSURANCE  I certify that in the performance of work for which this permit is issued, I shall not employ any person in a manner so as to become subject to the Worker's Compensation Laws of California.  Applicant Signature  Date  Notice to Applicant: If, after making this Certificate of Exemption, you should become subject to the Worker's Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.  When signed by the Hazardous Materials Specialist or Professional Geologist, this application shall be deemed a permit of the work described and is not a "permit for development" as that term is used in the California Subdivision Map Act. Please note tional permits (e.g., electrical installation, waste discharge requirements, land use clearance, grading, Santa Barbara City well permay also be required from other agencies. THIS PERMIT IS VALID FOR ONE YEAR FROM THE DATE OF ISSUANCE FOR may also be required from other agencies. THIS PERMIT IS VALID FOR ONE YEAR FROM THE DATE OF ISSUANCE FOR	I hereby affirm that I am licensed under the provis Code (B. & P.C.) as a well drilling contractor (C-57 Julius Cerstens	license) and such license is in full	force and effect.	_ 1
Address			ľ	Date
A. WORKERS' COMPENSATION DECLARATION  I hereby affirm one of the following:  I have and will maintain a certificate of consent to self-insure for workers' compensation, as provided for by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued.  I have and will maintain workers' compensation insurance, as provided for by Section 3700 of the Labor Code, for the performance of work for which this permit is issued. My insurance carrier and policy number are:  Carrier Section 3700 of the Labor Code, for the performance of work for which this permit is issued. My insurance carrier and policy number are:  Carrier Section 3700 of the Labor Code, for the performance of work for which this permit is issued. My insurance carrier and policy number are:  Policy No.  Policy No.  Policy No.  Policy No.  Policy No.  B. CERTIFICATION OF EXEMPTION FROM WORKERS' COMPENSATION INSURANCE  I certify that in the performance of work for which this permit is issued, I shall not employ any person in a manner so as to become subject to the Worker's Compensation Laws of California.  Applicant Signature  Notice to Applicant: If, after making this Certificate of Exemption, you should become subject to the Worker's Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.  When signed by the Hazardous Materials Specialist or Professional Geologist, this application shall be deemed a permit or the work described and is not a "permit for development" as that term is used in the California Subdivision Map Act. Please note tional permits (e.g., electrical installation, waste discharge requirements, land use clearance, grading, Santa Barbara City well permay also be required from other agencies. THIS PERMIT IS VALID FOR ONE YEAR FROM THE DATE OF ISSUANCE FOR			Cell rhone,	
A. WORKERS' COMPENSATION DECLARATION  I hereby affirm one of the following:  I have and will maintain a certificate of consent to self-insure for workers' compensation, as provided for by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued.  I have and will maintain workers' compensation insurance, as provided for by Section 3700 of the Labor Code, for the performance of work for which this permit is issued. My insurance carrier and policy number are:  Carrier Section 3700 of the Labor Code, for the performance of work for which this permit is issued. My insurance carrier and policy number are:  Carrier Section 3700 of the Labor Code, for the performance of work for which this permit is issued. My insurance carrier and policy number are:  Carrier Section 3700 of the Labor Code, for the performance of work for which this permit is issued. My insurance carrier and policy number are:  Carrier Section 3700 of the Labor Code, for the performance of work for which this permit is issued, I shall not employ any person in a manner so as to become subject to the Worker's Compensation Laws of California.  Applicant Signature  Date  Notice to Applicant: If, after making this Certificate of Exemption, you should become subject to the Worker's Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.  When signed by the Hazardous Materials Specialist or Professional Geologist, this application shall be deemed a permit of the work described and is not a "permit for development" as that term is used in the California Subdivision Map Act. Please note that term is used in the California Subdivision Map Act. Please note that work described and is not a "permit for development" as that term is used in the California Subdivision Map Act. Please note that work described and is not a "permit for development" as that term is used in the California Subdivision Map Act. Please note that work described from other agencies.		Auuress		
Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.	A. WORKERS' COMPENSATION DECLARATION I hereby affirm one of the following:  I have and will maintain a certing section 3700 of the Labor Code, for the performance of work for which carrier for the performance of work for which carries that in the performance of work for which carries to the Worker's Compensation I Applicant Signature  Notice to Applicant: If, after making this Certificant in the performance of work for which carries the worker's Compensation I Applicant Signature  Notice to Applicant: If, after making this Certificant in the performance of work for which carries the worker's Compensation I Applicant Signature.	ificate of consent to self-insur for the performance of the work s' compensation insurance, as thich this permit is issued. My for the first of the formation insurance, as to the first of the formation insurance, as the formation insurance of the formation insurance of the formation insurance of the formation in the formation i	r for which this permit is issued.  provided for by Section 3700 of the La insurance carrier and policy number are Policy No.  Date 4-8-19  EURANCE all not employ any person in a manner so Date	abor Code,
Health Services (EHS). Final clearance will not be issued until all fees are paid and a copy of the drillers log is submitted to EHS.  I hereby agree to comply with all regulations of the County of Santa Barbara and California Well Standards pertaining to we struction, repair, modification, destruction and inactivation. The property owner, well driller, or agent will furnish EHS a copy of a	the work described and is not a "permit for de- tional permits (e.g., electrical installation, wast may also be required from other agencies. THI WORK APPROVED HEREIN. No changes f Health Services (EHS). Final clearance will not I hereby agree to comply with all regulat struction, repair, modification, destruction and i	velopment" as that term is use te discharge requirements, lan IS PERMIT IS VALID FOR 0 from the approved plan are per be issued until all fees are paid tions of the County of Santa Bainactivation. The property own	ed in the California Subdivision Map Add use clearance, grading, Santa Barbara DNE YEAR FROM THE DATE OF ISS ermitted without prior written approvad and a copy of the drillers log is submitted arbara and California Well Standards penner, well driller, or agent will furnish EF	ct. Please note add a City well permits SUANCE FOR THAT I by Environmented to EHS. rtaining to well co
pleted well log upon completion of well construction, destruction, or modification.  I certify that I have read this application and declare under penalty of perjury that the information contained herein is true, or and complete. I hereby authorize representatives of EHS to enter the premises for the purpose of inspecting the site and work desherein for compliance with county requirements.	I certify that I have read this application and complete. I hereby authorize representative	and declare under penalty of person of EHS to enter the premise	perjury that the information contained he	
REQUIRED INSPECTIONS / FINAL CLEARANCE: After permit approval, and prior to covering any components, inspection must be scheduled directly with the approving Hazardous Materials Specialist or Professional Geologist at least two business days in advance for:  ✓ The sealing of the annular space on a well;	REQUIRED INSPECTIONS / FINAL inspection must be scheduled directly with the business days in advance for:	CLEARANCE: After permeter approving Hazardous Materia	alt approval, and prior to covering any als Specialist or Professional Geologist	components, an at least two (2)
✓ The destruction of wells;	✓ The destruction of wells;		16.	
<ul> <li>✓ Any operation stipulated on the permit to address special or unusual conditions.</li> <li>❖ Final clearance of the well will be issued upon receipt of the driller's well log.</li> </ul>	* * -	•		
	,	•		
Signed Cody Wilgus Applicant (Print Name) Applicant's Signature Date				ate
Signed APPLICATION DISPOSITION: \( \bigsize \text{ Approved } \square \text{ Denied } \\ \frac{4/10/2019}{\text{Date}} \end{area}	SignedAPPLICAT		<b>Approved</b> □ <b>Denied</b> 4/10/2019	ato
		The second secon		
FIXED FEE Rec'd: by: MCB Date: 4/10/2019 Amt.\$ No Fee	Receipt No.:#: N/A	4/10/2019 Amt.\$ No	D Fee ☐ Cash ☐ Check # N	<u>/A</u>
Permit Conditions: Notify EHS 48 hours in advance of fieldwork  Final Construction Approved by: TMR Date: 4/10/2019				1
Final Clearance by: TMR Date: Date:	· · · · · · · · · · · · · · · · · · ·			



TYPE OF PERMIT (Please c	heck the appropriate	box below)			FOR OFFICE USE ONLY
	9 (4 hrs) * first well 7 additional well				Rec'd Date: <u>4/9/2019</u> Rec'd By: <u>TMR</u>
	1 (3 hrs) * first well 7 additional well	Abandonment –	Permit #: <u>A19150</u> W/P #: <u>0003961</u>		
* An hourly rate fee of \$157 w that noted above. Final pro	vill be added for thos ject approval will no	se projects that re ot be issued until	P/E #: 4687  Hazmat Site #: NA		
Required Attachments: Plot p	lan indicating the lo				
<ol> <li>Property lines</li> <li>Below grade utilities, piping, USTs, etc.</li> <li>Access roads and easements (water, sewer, utility, roadway)</li> <li>Existing and/or proposed structures.</li> <li>Sewage disposal systems or works carrying or containing sewage or industrial wastes within the vicinity of the proposed we age or industrial wastes within the vicinity of the proposed waster courses, if applicable</li> </ol>					
OWNER INFO:					
Well Owner Name (Required):	City of Santa Barb	ara		Prima	ry Phone (805) 564-5596
Owner Mailing Address: PO B	ox 1990, Santa Ba	rbara, California	93102-1990		
	Street Number and St	reet Name		City ·	State/ Zip Code
Complete this section if the particle Project Coordinator/Certified P	rofessional Name: _C	ody Wilgus		ll Owner (e.g., drill	er, contractor, etc.)
Mailing Address: 209 East V Street No	umber and Name	a Barbara, Calif	ornia 93 IU I	City	State / Zip Code
Primary Phone: ( <u>805</u> ) <u>644</u>	_ 4455	Email: cwilgus@	rinconconsultants.c	com	
WELL INFO:					
Well Location: Ortega Park, 6	604 East Ortega Str	eet, Santa Barb	ara, California	93103	
Street Numbe	r and Street Name			City	State/ Zip Code
Well Location's Assessor's Par					
Well Use: Ground Water Me					
Drilling Method:   Hollow Ste	m Auger □ Mud R	otary	tary   Sonic	■ Direct Push	☐ Other
Proposed Depth 4 f	ì.		Casing	Information	
Well Bore Diam. 3.25 in	n. Type: 🗆 Steel	■ PVC □ Other			
Screen Interval 0-4 ft bg	1 *** 14 *** 1	0.113	Diameter 0.7	5 in. An	nular Seal Depthft.
Sealing Material	Additional Wor	k Description	Advance samp	oling tool to groun	dwater, collect grab sample
☐ Neat Cement ☐ Clay				***************************************	
☐ Cement Grout ☐ Concrete					
Well ID # KNBAKKKK RB-6					

	LEGAL DECL	ARATION	
	under the provisions of Chapter 9 (con ontractor (C-57 license) and such licen Yeus	se is in full force and effect.	f Division 3 of the Business and Professions
Print Name of Driller Lic, No.: 841350	Sign Office Telephone 80	ature of Driller 5-922-4772	Cell Phone: 805-570-4114
		U-922-7112	Cell Phone: 600-070 4777
Business Name:	Address		
Section 3700 of the I  I have and will main for the performance of Carrier Secte Corry  Applicant Signature  B. CERTIFICATION OF EXEMPT. I certify that in the performance come subject to the Worker's Correct Applicant Signature  Notice to Applicant: If, after making the section of the secti	ing: intain a certificate of consent to Labor Code, for the performance of intain workers' compensation ins of work for which this permit is is OFUSATION TO THE TON FROM WORKERS' COMPENS of work for which this permit is is compensation Laws of California.	f the work for which this urance, as provided for busined. My insurance carry Policy No. Do	any person in a manner so as to be-  ne Worker's Compensation provisions of the
the work described and is not a "tional permits (e.g., electrical inst may also be required from other a WORK APPROVED HEREIN. I Health Services (EHS). Final clean I hereby agree to comply w	permit for development" as that to callation, waste discharge require agencies. THIS PERMIT IS VAL No changes from the approved prance will not be issued until all feith all regulations of the County of struction and inactivation. The present the country of the	erm is used in the Califorments, land use clearance ID FOR ONE YEAR FR plan are permitted without the ses are paid and a copy of the Santa Barbara and Californerty owner, well driller	pplication shall be deemed a permit only fornia Subdivision Map Act. Please note adde, grading, Santa Barbara City well permit ROM THE DATE OF ISSUANCE FOR THOU prior written approval by Environment the drillers log is submitted to EHS. fornia Well Standards pertaining to well corr, or agent will furnish EHS a copy of a con-
	representatives of EHS to enter t		e information contained herein is true, corre ose of inspecting the site and work describe
inspection must be scheduled direction business days in advance for:  ✓ The sealing of the annual contents of the annual contents of the sealing of the s	ectly with the approving Hazardoular space on a well;	After permit approval, ar us Materials Specialist of	nd prior to covering any components, an or Professional Geologist at least two (2)
✓ The destruction of well ✓ Any operation stipulate	lls; ed on the permit to address special o	- unusual conditions	
• •	ed on the permit to address special of he well will be issued upon receip		y
,	•		
Signed Cody Wilgus  Applicant (Print N	Cody Wilgus	Digitally signed by Cody "Date: 2019.04.09 15:05:0	Wilgus 4/8/2019  Date
	APPLICATION DISPOSITI		□ Denied
Fixed Fee Rec'd: by: MCB  Receipt No.:#: N/A	Date: <u>4/10/2019</u>	MENT USE ONLY  Mont.\$ No Fee	□ Cash □ Check # N/A
Permit Conditions: Noti Final Construction Approve	fy EHS 48 hours in advance d by: TMR	of fleidwork	Date: 4/10/2019
Final Clearance by:	TMR		Date:4/10/2019



TYPE OF PERMIT (Please chec	ck the appropriate	box below)				FOR OFFICE USE ONLY
	4 hrs) * first well dditional well "Modification" means the deepening of a well, reperforation, sealing or replacement of well casing – construction of one completed well.			Rec'd Date: <u>4/9/2019</u> Rec'd By: <u>TMR</u>		
	hrs) * first well   Abandonment – Complete filling of the well			Permit #: A19151 W/P #: 0003962		
	be added for those projects that require staff time in excess of approval will not be issued until all fees are paid.					P/E #:4687 Hazmat Site #:NA
Required Attachments: Plot plan	indicating the lo	cation of the we	ell with respe	ct to the fo	ollowing ite	ms:
<ol> <li>Property lines</li> <li>Below grade utilities, piping,</li> <li>Access roads and easements (</li> <li>Existing and/or proposed stru</li> </ol>	water, sewer, util	ity, roadway)	age or in  6. All pere	ndustrial v	vastes withi sonal, natur	works carrying or containing sew- n the vicinity of the proposed well al, or artificial water bodies or
OWNER INFO:	-					
Well Owner Name (Required): C	ty of Santa Barb	ara		· · · · · · · · · · · · · · · · · · ·	Prima	ry Phone (805) 564-5596
Owner Mailing Address: PO Box	1990, Santa Ba	rbara, Californi	ia 93102-19	90		
St	reet Number and St	reet Name		City	7.	State/ Zip Code
Complete this section if the person coordinating this project is other than the Well Owner (e.g., driller, contractor, etc.)  Project Coordinator/Certified Professional Name: Cody Wilgus  Mailing Address: 209 East Victoria Street, Santa Barbara, California 93101						
Primary Phone: ( 805 ) 644	per and Name	Email: cwilgus		City		State / Zip Code
WELL INFO:						
Well Location: Ortega Park, 604	East Ortega Str	eet, Santa Bar	bara, Califo	nia 9310	3	
Street Number ar	nd Street Name			City		State/Zip Code
Well Location's Assessor's Parce	l Number (APN)	: <u>0</u> 3				0 0 2
Well Use:  Ground Water Moni	toring   Vapor	Other_				
Drilling Method: ☐ Hollow Stem	Auger 🛮 Mud R	otary 🛮 Air R	otary 🗆 So	nic 🔳 Di	rect Push	Other
Proposed Depth 4 ft.			Cas	ing Infor	nation	
Well Bore Diam. 3.25 in.	Type: ☐ Steel	■ PVC □ Othe	er			
Screen Interval 0-4 ft bgs	Wall Thickness	0.113	Diameter	0.75	in. An	nular Seal Depthft.
Sealing Material	Additional Wor	k Description	Advance sa	impling to	ol to grour	ndwater, collect grab sample
☐ Neat Cement ☐ Clay		•				
☐ Cement Grout ☐ Concrete						
Well ID # REALERBANGE	If destruction by					

	LEGAL DECLARATION	Λ	
LICENSED CONTRACTOR DECLARATION I hereby affirm that I am licensed under the pro Code (B. & P.C.) as a well drilling contractor (C-	visions of Chapter 9 (commencing wit	h Sec. 7000) of Division 3 of	
Julius Carstens Print Name of Driller	Signature of Driller		9-8-19 Date
Lic. No.: 841350	Office Telephone 805-922-4772	Cell Phone:	305-570-4114
Business Name:	Address		
☐ I have and will maintain work	ertificate of consent to self-insure, for the performance of the work for the cers' compensation insurance, as public this permit is issued. My in the constant of the cers' Compensation Insurance, as public this permit is issued, I shall in Laws of California.	for which this permit is issued for by Section 37 insurance carrier and policy Policy No. 92/24  Date 9-8  RANCE I not employ any person in Date	ned. 700 of the Labor Code, 7 number are: 9978 -79 1 a manner so as to be-
When signed by the Hazardous Mater the work described and is not a "permit for a tional permits (e.g., electrical installation, we may also be required from other agencies. T WORK APPROVED HEREIN. No changes Health Services (EHS). Final clearance will n I hereby agree to comply with all regulative struction, repair, modification, destruction and pleted well log upon completion of well constitutions.	development" as that term is used aste discharge requirements, land HIS PERMIT IS VALID FOR ON s from the approved plan are per not be issued until all fees are paid lations of the County of Santa Bard inactivation. The property owner.	in the California Subdivisuse clearance, grading, Some YEAR FROM THE Darmitted without prior written and a copy of the drillers to bara and California Well Ser, well driller, or agent wi	sion Map Act. Please note add anta Barbara City well permits ATE OF ISSUANCE FOR THE ten approval by Environmentation is submitted to EHS. Standards pertaining to well cor
I certify that I have read this application and complete. I hereby authorize representate therein for compliance with county requirements.	on and declare under penalty of petives of EHS to enter the premises	erjury that the information	
REQUIRED INSPECTIONS / FINA inspection must be scheduled directly with the business days in advance for:	the approving Hazardous Material		
	rmit to address special or unusual cor		
<ul> <li>Final clearance of the well will</li> </ul>	be issued upon receipt of the dri	ller's well log.	
Signed Cody Wilgus	Cody Wilgus	: Digitally signed by Cody Wilgus : "Date: 2019.04.09 15:05:04 -07:00"	4/8/2019
Applicant (Print Name)  APPLICA	Applicant's Signa ATION DISPOSITION: A	pproved   Denied	Date
SignedEnvironmental Health Specialist		4/10/2019 Date	
Zana danama seemi openia	FOR DEPARTMENT USE		
Fixed Fee Rec'd: by: MCB Date Receipt No.:#: N/A	4/40/0040		Check #N/A
	8 hours in advance of fieldwo	rk	
Final Construction Approved by:	TMR		4/10/2019

Date: 4/10/2019

TMR

Final Clearance by:



TYPE OF PERMIT (Please	check the appropriate	box below)			FOR OFFICE USE ONLY
	29 (4 hrs) * first well 57 additional well				Rec'd Date: <u>4/9/2019</u> Rec'd By: <u>TMR</u>
	71 (3 hrs) * first well 57 additional well	Abandonment –	Permit #: <u>A19152</u> W/P #: <u>0003963</u>		
* An hourly rate fee of \$157 that noted above. Final pr			ss of	P/E #:4687 Hazmat Site #:NA	
Required Attachments: Plot	plan indicating the lo				
<ol> <li>Property lines</li> <li>Below grade utilities, piping, USTs, etc.</li> <li>Access roads and easements (water, sewer, utility, roadway)</li> <li>Existing and/or proposed structures.</li> <li>Sewage disposal systems or works carrying or containing sew age or industrial wastes within the vicinity of the proposed wastercourses, if applicable</li> <li>All perennial, seasonal, natural, or artificial water bodies or watercourses, if applicable</li> </ol>					the vicinity of the proposed well
OWNER INFO:	0'				205 504 5500
Well Owner Name (Required):	City of Santa Barb	ara		_ Primar	y Phone (805) 564-5596
Owner Mailing Address: PO	Box 1990, Santa Ba	rbara, California	93102-1990		
Manager 1990	Street Number and St		City		State/ Zip Code
Complete this section if the Project Coordinator/Certified	Professional Name: _C	ody Wilgus		(e.g., drill	er, contractor, etc.)
Mailing Address: 209 East		a Barbara, Califo			
Primary Phone: ( 805 ) 644	Number and Name _ 4455	Email: cwilgus@	City inconconsultants.com		State / Zip Code
WELL INFO:					
Well Location: Ortega Park,	604 East Ortega Str	eet, Santa Barb	ara, California 93103		
Street Numb	er and Street Name		City		State/ Zip Code
Well Location's Assessor's P.	arcel Number (APN)	: 0 3	<u>1 - 1 7 -                              </u>		0 0 2
Well Use:  Ground Water N	Monitoring   Vapor	r 🗆 Other			
Drilling Method: ☐ Hollow St	em Auger   Mud R	otary	ary Sonic Dire	ct Push [	Other
Proposed Depth 4	ft.		Casing Inform	ation	
Well Bore Diam. 3.25	in. Type:   Steel	■ PVC □ Other			
Screen Interval 0-4 ft l	Wall Thickness	0.113	Diameter 0.75	_ in. Ann	tular Seal Depthft.
Sealing Material	Additional Wor	k Description	dvance sampling too	l to ground	dwater, collect grab sample
☐ Neat Cement ☐ Clay					
☐ Cement Grout ☐ Concre	te				
Well ID # REIX REIX RB-8			rout volume:		

	LEGAL DECLARATION	
LICENSED CONTRACTOR DECLARATION  I hereby affirm that I am licensed under the proceeding to the process of the	57 license) and such license is in full force	Sec. 7000) of Division 3 of the Business and Professions and effect.
Print Name of Driller Lic. No.: 841350	Signature of Driller Office Telephone 805-922-4772	Cell Phone: 805-570-4114
Business Name:	Office Telephone 803-922-4772  Address	Cell Phone:
	Address	
Section 3700 of the Labor Code,  I have and will maintain work for the performance of work for Carrier State Compensation  Applicant Signature  B. CERTIFICATION OF EXEMPTION FROM I certify that in the performance of work for come subject to the Worker's Compensation Applicant Signature	rtificate of consent to self-insure for for the performance of the work for ers' compensation insurance, as prowhich this permit is issued. My insufficial for the performance of the work for ers' compensation insurance. Policy workers' Compensation Insuration this permit is issued, I shall not Laws of California.	vided for by Section 3700 of the Labor Code, arance carrier and policy number are:  cy No. 42/2499/8  Date 4-8-19  NNCE ot employ any person in a manner so as to be-  Date subject to the Worker's Compensation provisions of the
the work described and is not a "permit for of tional permits (e.g., electrical installation, we may also be required from other agencies. T WORK APPROVED HEREIN. No changes Health Services (EHS). Final clearance will n I hereby agree to comply with all regul	development" as that term is used in aste discharge requirements, land us HIS PERMIT IS VALID FOR ONE from the approved plan are permiot be issued until all fees are paid and lations of the County of Santa Barbard inactivation. The property owner,	gist, this application shall be deemed a permit only for the California Subdivision Map Act. Please note added to clearance, grading, Santa Barbara City well permit YEAR FROM THE DATE OF ISSUANCE FOR The litted without prior written approval by Environment of a copy of the drillers log is submitted to EHS. The and California Well Standards pertaining to well convelled the driller, or agent will furnish EHS a copy of a convenience.
I certify that I have read this application	on and declare under penalty of perjuives of EHS to enter the premises for	rry that the information contained herein is true, corre- or the purpose of inspecting the site and work describ
inspection must be scheduled directly with t business days in advance for:  ✓ The sealing of the annular space or	he approving Hazardous Materials S	pproval, and prior to covering any components, an Specialist or Professional Geologist at least two (2)
<ul><li>✓ The destruction of wells;</li><li>✓ Any operation stipulated on the per</li></ul>	rmit to address special or unusual condit	tions.
	be issued upon receipt of the drille	
,	•	
Signed Cody Wilgus Applicant (Print Name)	Applicant's Signature	Date
Signed APPLICA	ATION DISPOSITION: App	oroved Denied  1/10/2019 Date
	SON NEW A DESCRIPTION OF	
Fixed Fee Rec'd: by: MCB Date  Receipt No.:#: N/A		NI/A
•	3 hours in advance of fieldwork	= : 1//0/2010
Final Construction Approved by: Final Clearance by:	TMR TMR	Date: 4/10/2019
rinar clearance by:	LIVIR	Date: <u>4/10/2019</u>



TYPE OF PERMIT (Please che	ck the appropriate	box below)			FOR OFFICE USE ONLY
	4 hrs) * first well dditional well "Modification" means the deepening of a well, reperforation, sealing or replacement of well casing – construction of one completed well.			Rec'd Date: <u>4/9/2019</u> Rec'd By: <u>TMR</u>	
	3 hrs) * first well dditional well				Permit #: A19153 W/P #: 00003964
* An hourly rate fee of \$157 will that noted above. Final project					P/E #:4687 Hazmat Site #:NA
Required Attachments: Plot plan	n indicating the lo	cation of the we	ell with respect to	the following ite	ms:
<ol> <li>Property lines</li> <li>Below grade utilities, piping,</li> <li>Access roads and easements (</li> <li>Existing and/or proposed structure)</li> </ol>	water, sewer, util	ity, roadway)	age or indus	strial wastes withi	works carrying or containing sew- n the vicinity of the proposed well al, or artificial water bodies or
OWNER INFO:	-				
Well Owner Name (Required): C	ity of Santa Barb	ara		Prima	ry Phone (805) 564-5596
Owner Mailing Address: PO Box	1990, Santa Ba	rbara, Californi	ia 93102-1990		
S	treet Number and St	reet Name		City	State/ Zip Code
Complete this section if the persection Project Coordinator/Certified Professing Address: 209 East Victorial Professional Project Coordinator Project Project Coordinator Project Project Coordinator Project	essional Name: Contain Street, Sant	ody Wilgus			
Street Num Primary Phone: ( 805 ) 644	ber and Name 4455	Email: cwilgus	@rinconconsultants.c	City com	State / Zip Code
WELL INFO:					
Well Location: Ortega Park, 604	Fast Ortega Str	eet, Santa Bar	bara, California	93103	
Street Number a	nd Street Name			City	State/Zip Code
Well Location's Assessor's Parco	el Number (APN)	: <u>0 3</u>	_ 1 _ 1		0 0 2
Well Use:  Ground Water Mon	itoring	r 🗆 Other _			
Drilling Method: ☐ Hollow Stem	Auger	otary 🛮 Air R	otary   Sonic	■ Direct Push	Other
Proposed Depth 4 ft.			Casing	<u>Information</u>	
Well Bore Diam. 3.25 in.	Type: ☐ Steel	■ PVC □ Othe	er		
Screen Interval 0-4 ft bgs	Wall Thickness	0.113	Diameter 0.7	5 in. An	nular Seal Depthft.
Sealing Material	Additional Wor	k Description	Advance samp	oling tool to grour	ndwater, collect grab sample
☐ Neat Cement ☐ Clay		•			
☐ Cement Grout ☐ Concrete					
Well ID # RBAXRBAS RB-9	If destruction by				

	LEGAL DECLARATION	٧
LICENSED CONTRACTOR DECLARATION  I hereby affirm that I am licensed under the provisi  Code (B. & P.C.) as a well drilling contractor (C-57 I  Julius Leaf Tens		h Sec. 7000) of Division 3 of the Business and Professions receand effect.
Print Name of Dritter Lic. No.: 841350	Office Telephone 805-922-4772	Cell Phone: 805-570-4114
Business Name:	Address	Continue
Section 3700 of the Labor Code, fo  I have and will maintain workers for the performance of work for wh Carrier State Compensation Applicant Signature  B. CERTIFICATION OF EXEMPTION FROM WO I certify that in the performance of work for w come subject to the Worker's Compensation L Applicant Signature	ficate of consent to self-insure or the performance of the work for compensation insurance, as paich this permit is issued. My in the first of the performance of the work for compensation insurance, as paich this permit is issued. My in the permit is issued, I shall aws of California.	rovided for by Section 3700 of the Labor Code, insurance carrier and policy number are: rollicy No. 42/2499/8  Date 4-8-19
the work described and is not a "permit for devitional permits (e.g., electrical installation, wast may also be required from other agencies. THI WORK APPROVED HEREIN. No changes fi Health Services (EHS). Final clearance will not I hereby agree to comply with all regulati struction, repair, modification, destruction and in pleted well log upon completion of well construction.	relopment" as that term is used e discharge requirements, land S PERMIT IS VALID FOR ON rom the approved plan are per be issued until all fees are paid a lons of the County of Santa Barlactivation. The property owner ction, destruction, or modification.	ologist, this application shall be deemed a permit only fin the California Subdivision Map Act. Please note adduse clearance, grading, Santa Barbara City well permit NE YEAR FROM THE DATE OF ISSUANCE FOR The mitted without prior written approval by Environment and a copy of the drillers log is submitted to EHS. bara and California Well Standards pertaining to well copy, well driller, or agent will furnish EHS a copy of a coron.
and complete. I hereby authorize representative herein for compliance with county requirements.  REQUIRED INSPECTIONS / FINAL	es of EHS to enter the premises  CLEARANCE: After permit	for the purpose of inspecting the site and work described approval, and prior to covering any components, and so Specialist or Professional Geologist at least two (2)
<ul> <li>✓ The sealing of the annular space on a</li> <li>✓ The destruction of wells;</li> <li>✓ Any operation stipulated on the permi</li> <li>❖ Final clearance of the well will be</li> </ul>	it to address special or unusual con	
Signed Cody Wilgus	Cody Wilgus	: Digitally signed by Cody Wilgus 4/8/2019
Applicant (Print Name)  APPLICAT  Signed  Environmental Health Specialist	Applicant's Signat ION DISPOSITION: A	
	FOR DEPARTMENT USE	
Fixed Fee Rec'd: by: MCB Date:  Receipt No.:#: N/A  Permit Conditions: Notify EHS 48 h	4/10/2019 Amt.\$ No I	Fee ☐ Cash ☐ Check # N/A
	<u>iours in advance of fieldwor</u> MR	Date: 4/10/2019
Final Clearance by:	TMR	Date:4/10/2019



TYPE OF PERMIT (Please ch	eck the appropriate	box below)			FOR OFFICE USE ONLY
	(4 hrs) * first well additional well			Rec'd Date: <u>4/9/2019</u> Rec'd By: <u>TMR</u>	
	(3 hrs) * first well additional well				Permit #: <u>A19154</u> W/P #: 00003965
* An hourly rate fee of \$157 wi that noted above. Final proje	ill be added for thos ect approval will no	se projects that re ot be issued until	equire staff time all fees are pai	e in excess of id.	P/E #: Hazmat Site #:
Required Attachments: Plot pl	an indicating the lo	cation of the well	with respect to	o the following iter	ns:
<ol> <li>Property lines</li> <li>Below grade utilities, piping</li> <li>Access roads and easements</li> <li>Existing and/or proposed str</li> </ol>	(water, sewer, util		age or indu	strial wastes withir	orks carrying or containing sew- n the vicinity of the proposed well al, or artificial water bodies or
OWNER INFO:	-				
Well Owner Name (Required):	City of Santa Barb	ara		Prima	ry Phone (805) 564-5596
Owner Mailing Address: PO Bo	ox 1990, Santa Ba	rbara, California	93102-1990		
	Street Number and St	treet Name		City	State/ Zip Code
Complete this section if the pe	ofessional Name: _C	ody Wilgus		ll Owner (e.g., drill	er, contractor, etc.)
Mailing Address: 209 East Vi	ctoria Street, Sant	a Barbara, Calif	ornia 93101	City	State / Zip Code
Primary Phone: (805) 644	_ 4455	Email: cwilgus@	rinconconsultants,		orate / Esp Code
WELL INFO:					
Well Location: Ortega Park, 60	04 East Ortega Str	reet, Santa Barb	ara, California	93103	
Street Number	and Street Name		,	City	State/Zip Code
Well Location's Assessor's Par	cel Number (APN)	: 0 3	1 . 1		0 0 2
Well Use:  Ground Water Mo	nitoring	r 🗆 Other			
Drilling Method: ☐ Hollow Sten	n Auger 🏻 Mud R	otary	tary 🗆 Sonic	■ Direct Push	☐ Other
Proposed Depth 4 ft.			Casing	Information	
Well Bore Diam. 3.25 in	. Type: □ Steel	■ PVC □ Other			
Screen Interval 0-4 ft bgs	xx. 11.001.4.1	0.113	Diameter 0.7	in. An	nular Seal Depthft.
Sealing Material	Additional Wor	k Description	Advance samp	oling tool to groun	dwater, collect grab sample
☐ Neat Cement ☐ Clay					
☐ Cement Grout ☐ Concrete					
Well ID # RB-10	If destruction by				

	LEGAL DECLARATIO	)N	
LICENSED CONTRACTOR DECLARATION  I hereby affirm that I am licensed under the provise  Code (B. & P.C.) as a well drilling contractor (C-57)	ions of Chapter 9 (commencing w	with Sec. 7000) of Division 3 of	
Julius Curstens Print Name of Driller	Signature of Driller		<u>4-8-19</u>
Lic. No.: 841350	Office Telephone 805-922-4772	Cell Phone: 8	305-570-4114
Business Name:	Address		·
(Complete 'A' or 'B')  A. WORKERS' COMPENSATION DECLARATION I hereby affirm one of the following:  I have and will maintain a certiful Section 3700 of the Labor Code, for the performance of work for whe Carrier Section Sec	ficate of consent to self-insure or the performance of the work s' compensation insurance, as hich this permit is issued. My n 165 fm d	for which this permit is issue provided for by Section 37/ insurance carrier and policy Policy No.  Date 9-8	ned. 100 of the Labor Code, 17 number are: 19918
I certify that in the performance of work for w come subject to the Worker's Compensation I.	hich this permit is issued, I sha		a manner so as to be-
Applicant Signature	aws of Camorina.	Date	
Notice to Applicant: If, after making this Certificate Labor Code, you must forthwith comply with such		ome subject to the Worker's Co	ompensation provisions of the
WORK APPROVED HEREIN. No changes fill Health Services (EHS). Final clearance will not I hereby agree to comply with all regulationstruction, repair, modification, destruction and in pleted well log upon completion of well construction.	be issued until all fees are paid ions of the County of Santa Ba nactivation. The property own ction, destruction, or modificat	d and a copy of the drillers lo arbara and California Well S ner, well driller, or agent wil tion.	og is submitted to EHS.  Standards pertaining to well con Il furnish EHS a copy of a com
I certify that I have read this application and complete. I hereby authorize representative herein for compliance with county requirements	es of EHS to enter the premise	es for the purpose of inspect	ting the site and work described
REQUIRED INSPECTIONS / FINAL inspection must be scheduled directly with the business days in advance for:  ✓ The sealing of the annular space on a	approving Hazardous Materia		
<ul><li>The destruction of wells;</li><li>Any operation stipulated on the permi</li></ul>	it to address special or unusual co		
Final clearance of the well will be	issued upon receipt of the ar		_
Signed Cody Wilgus  Applicant (Print Name)	Cody Wilgus	Digitally signed by Cody Wilgus Date: 2019.04.09 15:05:04 - 07:00	4/8/2019
** '	Applicant's Sign		Date
Environmental Health Specialist		Date	
Fixed Fee Rec'd: by: MCB Date:	FOR DEPARTMENT USE 4/10/2019 Amt.\$ No	EONLY ) Fee	Check#N/A
Receipt No.:#: N/A  Permit Conditions: Notify EHS 48 h	in advance of fieldw		
	nours in advance of fieldwo TMR		4/10/2019

Date: <u>4/10/2019</u>

TMR

Final Clearance by:



TOWNER OF BEDSAITS (D	1	1				
☐ Construction or Modification	\$629 (4 hrs) * first well \$157 additional well	"Modification" reperforation, se casing – constru	FOR OFFICE USE ONLY Rec'd Date: 4/9/2019 Rec'd By: TMR			
Well Destruction	\$471 (3 hrs) * first well \$157 additional well	Abandonment –	Permit #: <u>A19155</u> W/P #: <u>0003967</u>			
	\$157 will be added for tho nal project approval will n				P/E #: <u>4687</u> Hazmat Site #: <u>NA</u>	
Required Attachments:	Plot plan indicating the lo	cation of the wel	l with respect to	the following ite	ms:	
3. Access roads and ea	Required Attachments: Plot plan indicating the location of the well with respect to the following items:  1. Property lines 2. Below grade utilities, piping, USTs, etc. 3. Access roads and easements (water, sewer, utility, roadway) 4. Existing and/or proposed structures. 5. Sewage disposal systems or works carrying or containing sewage or industrial wastes within the vicinity of the proposed well 6. All perennial, seasonal, natural, or artificial water bodies or watercourses, if applicable					
OWNER INFO:						
Well Owner Name (Requ	ired): City of Santa Bart	oara		Prima	ry Phone (805) 564-5596	
Owner Mailing Address:	PO Box 1990, Santa Ba	rbara, California	93102-1990			
	Street Number and S	treet Name	1,000	City	State/ Zip Code	
Mailing Address: 209	East Victoria Street, Sant treet Number and Name 644 _ 4455	ta Barbara, Calif	Fornia 93101 Princonconsultants.c	City om	State / Zip Code	
WELL INFO:						
Well Location: Ortega F	Park, 604 East Ortega St	reet, Santa Barb				
	Number and Street Name	0 3		City	State/Zip Code 0 0 2	
	r's Parcel Number (APN)					
					and the same of th	
Drilling Method: ☐ Holl	Drilling Method: ☐ Hollow Stem Auger ☐ Mud Rotary ☐ Air Rotary ☐ Sonic  ☐ Direct Push ☐ Other					
Proposed Depth 4	ft.		Casing	<u>Information</u>		
Well Bore Diam. 3.25	in. Type: 🗆 Steel	■ PVC □ Other	•			
Screen Interval 0-4	ft bgs   Wall Thickness	0.113	Diameter 0.7	5 in. An	nular Seal Depthft.	
Sealing Material	Additional Wor	rk Description	Advance samp	ling tool to grour	ndwater, collect grab sample	
□ Neat Cement □ Cl	ay					
☐ Cement Grout ☐ C	oncrete					
Well ID# <b>_X8&amp;X&gt;X&amp;X</b>	RB-11 If destruction b					

J	LEGAL DECLARATION	·
LICENSED CONTRACTOR DECLARATION  I hereby affirm that I am licensed under the provision Code (B. & P.C.) as a well drilling contractor (C-57 licenses)  Print Name of Driller		Sec. 7000) of Division 3 of the Business and Professions and effect.
	Signature of Driller Office Telephone 805-922-4772	Date Cell Phone: 805-570-4114
Business Name:	Address	CONTRIBUTE
Section 3700 of the Labor Code, for the performance of work for which Carrier State Compensation.  Applicant Signature  B. CERTIFICATION OF EXEMPTION FROM WOR I certify that in the performance of work for which come subject to the Worker's Compensation Law Applicant Signature	the performance of the work for compensation insurance, as proceed this permit is issued. My insurance, as proceed this permit is issued. My insurance, as proceed the permit is issued, I shall now of California.	ovided for by Section 3700 of the Labor Code, surance carrier and policy number are: icy No. 92/2/99/8 Date 4-8-19
the work described and is not a "permit for devel tional permits (e.g., electrical installation, wasted may also be required from other agencies. THIS WORK APPROVED HEREIN. No changes from the Health Services (EHS). Final clearance will not be I hereby agree to comply with all regulation struction, repair, modification, destruction and inapleted well log upon completion of well construction.	lopment" as that term is used in discharge requirements, land us PERMIT IS VALID FOR ONE in the approved plan are permeted issued until all fees are paid and ans of the County of Santa Barba activation. The property owner, ion, destruction, or modification	ara and California Well Standards pertaining to well con well driller, or agent will furnish EHS a copy of a con
and complete. I hereby authorize representatives herein for compliance with county requirements.  REQUIRED INSPECTIONS / FINAL Conspection must be scheduled directly with the approximation of the control of the contr	of EHS to enter the premises for ELEARANCE: After permit a	or the purpose of inspecting the site and work described approval, and prior to covering any components, an Specialist or Professional Geologist at least two (2)
business days in advance for:  ✓ The sealing of the annular space on a we ✓ The destruction of wells; ✓ Any operation stipulated on the permit t    Final clearance of the well will be is	to address special or unusual condi	
Signed Cody Wilgus		Digitally signed by Cody Wilgus Date: 2018.04.09 15:08:04 -0700' 4/8/2019
Applicant (Print Name)  APPLICATIO  Signed  Environmental Health Specialist	Applicant's Signature ON DISPOSITION: Applicant's Applicant's Signature Applicant's Signature Applicant's Signature Applicant's Signature	
	FOR DEPARTMENT USE OF	NLY
		3 T / 1
Fixed Fee Rec'd: by: $MCB$ Date: $\_^2$ Receipt No.:#: $N/A$	4/10/2019 Amt.\$ No Fe	
Fixed Fee Rec'd: by: $MCB$ Date: $\_^2$ Receipt No.:#: $N/A$	urs in advance of fieldwork	

Page 2 of 2



TYPE OF PERMIT (Please che	ck the appropriate	box below)			FOR OFFICE USE ONLY
	4 hrs) * first well dditional well "Modification" means the deepening of a well, reperforation, sealing or replacement of well casing – construction of one completed well.			Rec'd Date: <u>4/9/2019</u> Rec'd By: <u>TMR</u>	
	3 hrs) * first well dditional well				Permit #: <u>A19156</u> W/P #: <u>0003967</u>
* An hourly rate fee of \$157 will that noted above. Final project					P/E #: Hazmat Site #:
Required Attachments: Plot pla	n indicating the lo	cation of the we	ell with respect to	o the following ite	ms:
<ol> <li>Property lines</li> <li>Below grade utilities, piping,</li> <li>Access roads and easements</li> <li>Existing and/or proposed structure</li> </ol>	(water, sewer, util	ity, roadway)	age or indu 6. All perenni	strial wastes within	works carrying or containing sew- n the vicinity of the proposed well al, or artificial water bodies or
OWNER INFO:					
Well Owner Name (Required): C	ity of Santa Barb	ara		Prima	ry Phone (805) 564-5596
Owner Mailing Address: PO Box	( 1990, Santa Ba	rbara, Californ	ia 93102-1990		
S	treet Number and St	reet Name		City ·	State/Zip Code
Complete this section if the per- Project Coordinator/Certified Pro- Mailing Address: 209 East Vic	fessional Name: <u>C</u> toria Street, Sant	ody Wilgus		ll Owner (e.g., dril	
Primary Phone: ( 805 ) 644	ber and Name _ 4455	Email: cwilgus	@rinconconsultants.	City com	State / Zip Code
WELL INFO:					
Well Location: Ortega Park, 60-	4 East Ortega Str	eet, Santa Bai	bara, California	93103	
Street Number a	nd Street Name			City	State/Zip Code
Well Location's Assessor's Parce	el Number (APN)	: <u>0 3</u>	_ 1 _ 1		0 0 2
Well Use:  Ground Water Mon	itoring   Vapor	r 🗆 Other _			
Drilling Method: ☐ Hollow Stem	Auger	otary 🛮 Air R	otary   Sonic	■ Direct Push	Other
Proposed Depth 4 ft.			Casing	Information	
Well Bore Diam. 3.25 in.	Type: ☐ Steel	■ PVC □ Oth	er		
Screen Interval 0-4 ft bgs	Wall Thickness	0.113	Diameter 0.7	in. An	nular Seal Depthft.
Sealing Material	Additional Wor	k Description	Advance samp	oling tool to groun	dwater, collect grab sample
☐ Neat Cement ☐ Clay		•			
☐ Cement Grout ☐ Concrete					
Well ID # RRAXRAM RB-12	If destruction by				

	LEGAL DECLARATION	ON	
LICENSED CONTRACTOR DECLARATION I hereby affirm that I am licensed under the prov Code (B, & P.C.) as a well drilling contractor (C-5)	visions of Chapter 9 (commencing v	with Sec. 7000) of Division 3 of	_ 1
Julius Cerstens Print Name of Driller	Signature of Drille	er	9-8-19 Date
Lic. No.: 841350	Office Telephone 805-922-4772		805-570-4114
Business Name:	Address		
(Complete 'A' or 'B')  A. WORKERS' COMPENSATION DECLARATION A. WORKERS' COMPENSATION DECLARATION OF THE PROPERTY OF THE PROPER	rtificate of consent to self-insur for the performance of the workers' compensation insurance, as which this permit is issued. My for Lins fundamental which this permit is issued, I shall be a Laws of California.	k for which this permit is iss a provided for by Section 37 insurance carrier and policy Policy No. 72/2/8  Date 98  SURANCE hall not employ any person in Date	ued. 700 of the Labor Code, y number are: 998
When signed by the Hazardous Materia the work described and is not a "permit for ditional permits (e.g., electrical installation, was may also be required from other agencies. TH WORK APPROVED HEREIN. No changes Health Services (EHS). Final clearance will not I hereby agree to comply with all regula struction, repair, modification, destruction and pleted well log upon completion of well construction.	levelopment" as that term is used aste discharge requirements, lart HIS PERMIT IS VALID FOR 0 from the approved plan are pot be issued until all fees are pail ations of the County of Santa B I inactivation. The property ow	ed in the California Subdivind use clearance, grading, SONE YEAR FROM THE DOFFMITTED without prior writed and a copy of the drillers I arbara and California Well Streen, well driller, or agent with	sion Map Act. Please note add santa Barbara City well permit: ATE OF ISSUANCE FOR TH tten approval by Environmentation is submitted to EHS. Standards pertaining to well continued to the sandards pertaining to well permits and the sandards permits and the sand
I certify that I have read this applicatio and complete. I hereby authorize representati herein for compliance with county requiremen	n and declare under penalty of ives of EHS to enter the premis its.	perjury that the information less for the purpose of inspec	ting the site and work describe
REQUIRED INSPECTIONS / FINA inspection must be scheduled directly with the business days in advance for:			
<ul> <li>✓ The sealing of the annular space on</li> <li>✓ The destruction of wells;</li> <li>✓ Any operation stipulated on the period</li> <li>❖ Final clearance of the well will lead to the period</li> </ul>	mit to address special or unusual c		
,	· · ·		
Signed Cody Wilgus  Applicant (Print Name)	Cody Wilgus  Applicant's Sig	: Digitally signed by Cody Wilgus : "Date: 2019.04.08 15:06:04 -07:00"	4/8/2019 Date
APPLICA'	TION DISPOSITION:	Approved   Denied	<del></del>
Signed Environmental Health Specialist		4/10/2019 Date	
Fixed Fee Rec'd: by: MCB Date	FOR DEPARTMENT US :: 4/10/2019 Amt.\$ No	E ONLY	Check#_N/A
Receipt No.:#: N/A	(L	, , ,	
Permit Conditions: Notify EHS 48  Final Construction Approved by:	hours in advance of fieldw TMR		4/10/2019

Date: 4/10/2019

TMR

Final Clearance by:



TYPE OF PERMIT (Please che	ck the appropriate	box below)			FOR OFFICE USE ONLY
	4 hrs) * first well dditional well "Modification" means the deepening of a well, reperforation, sealing or replacement of well casing – construction of one completed well.			Rec'd Date: <u>4/9/2019</u> Rec'd By: <u>TMR</u>	
	3 hrs) * first well dditional well				Permit #: A19157 W/P #: 0003968
* An hourly rate fee of \$157 will that noted above. Final project					P/E #: _4687 Hazmat Site #: _NA
Required Attachments: Plot pla	n indicating the lo	cation of the we	ell with respect t	to the following ite	ems:
<ol> <li>Property lines</li> <li>Below grade utilities, piping,</li> <li>Access roads and easements of</li> <li>Existing and/or proposed structures</li> </ol>	(water, sewer, util	ity, roadway)	age or indu	istrial wastes withi	works carrying or containing sew- n the vicinity of the proposed well al, or artificial water bodies or
OWNER INFO:					
Well Owner Name (Required): C	ity of Santa Barb	ara		Prima	ry Phone (805) 564-5596
Owner Mailing Address: PO Box	( 1990, Santa Ba	rbara, Californi	ia 93102-1990		
S	treet Number and St	reet Name		City	State/ Zip Code
Complete this section if the personal Project Coordinator/Certified Professing Address: 209 East Victorian Address: 200 East Victorian Address	fessional Name: C	ody Wilgus		ell Owner (e.g., drii	ller, contractor, etc.)
Primary Phone: ( 805 ) 644	ber and Name		@rinconconsultants	City com	State / Zip Code
WELL INFO:					
Well Location: Ortega Park, 604	4 East Ortega Str	eet, Santa Bar	bara, California	a 93103	
Street Number a	nd Street Name			City	State/Zip Code
Well Location's Assessor's Parce	el Number (APN)	: <u>0</u> 3	_ 1 _ 1		0 0 2
Well Use:  Ground Water Mon	itoring   Vapor	r 🗆 Other _		·	
Drilling Method: ☐ Hollow Stem	Auger	otary 🛮 Air R	otary   Sonic	Direct Push	Other
Proposed Depth 4 ft.			Casing	<u>Information</u>	
Well Bore Diam. 3.25 in.	Type: □ Steel	■ PVC □ Othe	er		
Screen Interval 0-4 ft bgs	Wall Thickness	0.113	Diameter 0.7	75 in. An	nular Seal Depthft.
Sealing Material	Additional Wor	k Description	Advance sam	pling tool to grour	ndwater, collect grab sample
☐ Neat Cement ☐ Clay		•			
☐ Cement Grout ☐ Concrete					
Well ID # RB1x RB13	If destruction by				

	LEGAL DECLARATION	
LICENSED CONTRACTOR DECLARATION  I hereby affirm that I am licensed under the prov  Code (B. & P.C.) as a well drilling contractor (C-5  Julius Lee 5 teus  Print Name of Driller		7000) of Division 3 of the Business and Professions deffect.
Print Name of Driller  Lic. No.: 841350	Office Telephone 805-922-4772	Cell Phone: 805-570-4114
Business Name:	Address	Cen i none.
Section 3700 of the Labor Code,  I have and will maintain worke for the performance of work for come subject to the Worker's Compensation Applicant Signature	rtificate of consent to self-insure for version for the performance of the work for where's compensation insurance, as provide which this permit is issued. My insurance in the series of the work for which this permit is issued. My insurance which this permit is issued, I shall not en Laws of California.	led for by Section 3700 of the Labor Code, note carrier and policy number are:  No. 92/2499/8  Date 4-8-/9  Exemploy any person in a manner so as to be-  Date  Diect to the Worker's Compensation provisions of the
the work described and is not a "permit for ditional permits (e.g., electrical installation, was may also be required from other agencies. The WORK APPROVED HEREIN. No changes Health Services (EHS). Final clearance will not a likely agree to comply with all regular struction, repair, modification, destruction and pleted well log upon completion of well construction.	levelopment" as that term is used in the aste discharge requirements, land use of HIS PERMIT IS VALID FOR ONE YI from the approved plan are permitted to be issued until all fees are paid and a ations of the County of Santa Barbara and inactivation. The property owner, we ruction, destruction, or modification.	st, this application shall be deemed a permit only for the California Subdivision Map Act. Please note addicterance, grading, Santa Barbara City well permit EAR FROM THE DATE OF ISSUANCE FOR The distribution without prior written approval by Environment copy of the drillers log is submitted to EHS. and California Well Standards pertaining to well coll driller, or agent will furnish EHS a copy of a contract that the information contained herein is true, corrected.
and complete. I hereby authorize representati herein for compliance with county requiremen   REQUIRED INSPECTIONS / FINA inspection must be scheduled directly with the sc	ives of EHS to enter the premises for the its.  L CLEARANCE: After permit approximately approximatel	he purpose of inspecting the site and work describ roval, and prior to covering any components, an ecialist or Professional Geologist at least two (2)
	a well; mit to address special or unusual condition be issued upon receipt of the driller's	
Signed Cody Wilgus	Cody Wilgus Digitally	r signed by Cody Wilgus 018:04:04 15:08:04 -0700 4/8/2019
Applicant (Print Name)		Date  Denied  0/2019  Date
	FOR DEPARTMENT USE ONL	V
Fixed Fee Rec'd: by: MCB Date  Receipt No.:#: N/A  Permit Conditions: Notify EHS 48	4/40/0040 N. T.	☐ Cash ☐ Check # N/A
•	TMR	Date: 4/10/2019
Final Clearance by:	TMR	Date: 4/10/2019



TYPE OF PERMIT (Please ci	heck the appropriate	box below)			FOR OFFICE USE ONLY
	(4 hrs) * first well additional well			Rec'd Date: <u>4/9/2019</u> Rec'd By: <u>TMR</u>	
	(3 hrs) * first well additional well				Permit #: <u>A19158</u> W/P #: <u>0003969</u>
* An hourly rate fee of \$157 w that noted above. Final proj	ill be added for those iect approval will no	se projects that re ot be issued until	quire staff time all fees are pai	e in excess of d.	P/E #: _4687 Hazmat Site #: _NA
Required Attachments: Plot p	lan indicating the lo	cation of the well	with respect to	the following iter	ms:
<ol> <li>Property lines</li> <li>Below grade utilities, piping, USTs, etc.</li> <li>Access roads and easements (water, sewer, utility, roadway)</li> <li>Existing and/or proposed structures.</li> <li>Sewage disposal systems or works carrying or containing sewage or industrial wastes within the vicinity of the proposed well.</li> <li>All perennial, seasonal, natural, or artificial water bodies or watercourses, if applicable</li> </ol>					the vicinity of the proposed well
OWNER INFO:					
Well Owner Name (Required):	City of Santa Barb	ara		Prima	ry Phone (805) 564-5596
Owner Mailing Address: PO Bo	ox 1990, Santa Ba	rbara, California	93102-1990		
	Street Number and St	reet Name		City ·	State/ Zip Code
Complete this section if the per Project Coordinator/Certified Project Coordinator	ofessional Name: _C	ody Wilgus		ll Owner (e.g., drill	er, contractor, etc.)
Mailing Address: 209 East V Street Nu Primary Phone: (805) 644	mber and Name	Email: cwilgus@		City	State / Zip Code
WELL INFO:					
Well Location: Ortega Park, 6	04 East Ortega Str	eet, Santa Barb	ara, California	93103	
Street Number	and Street Name			City	State/Zip Code
Well Location's Assessor's Par	cel Number (APN)	: 0 3	1 _ 1		0 0 2
Well Use:  Ground Water Mo	onitoring   Vapor	r 🗆 Other			
Drilling Method: ☐ Hollow Ster	m Auger	otary	tary   Sonic	■ Direct Push	Other
Proposed Depth 4 fi	t.	· · · · · · · · · · · · · · · · · · ·	Casing	Information	
Well Bore Diam. 3.25 ir	1. Type: 🗆 Steel	■ PVC □ Other			
Screen Interval 0-4 ft bg	T 11 10 10 1 1	0.113	Diameter 0.7	5 in. An	nular Seal Depthft.
Sealing Material	Additional Wor	k Description	Advance samp	oling tool to groun	dwater, collect grab sample
☐ Neat Cement ☐ Clay					
☐ Cement Grout ☐ Concrete					
Well ID # ROOK ROOK B-14					

	LEGAL DECLARATION	
LICENSED CONTRACTOR DECLARATION I hereby affirm that I am licensed under the p Code (B. & P.C.) as a well drilling contractor (C  Julius Lee 5 teus  Print Name of Driller	C-57 license) and such license is in full force	Sec. 7000) of Division 3 of the Business and Professions and effect.
Print Name of Driller Lic. No.: 841350	Signature of Driller Office Telephone 805-922-4772	Date Cell Phone: 805-570-4114
Lic, No.: 841330  Business Name:	Office Telephone 605-922-4772  Address	Cell Phone:
	Address	
Section 3700 of the Labor Coc  I have and will maintain wo for the performance of work for Carrier Sverte Compensa.  Applicant Signature  B. CERTIFICATION OF EXEMPTION FROM I certify that in the performance of work for come subject to the Worker's Compensation Applicant Signature	certificate of consent to self-insure for de, for the performance of the work for rkers' compensation insurance, as proved which this permit is issued. My insurance for which this permit is issued. My insurance with the permit is issued, I shall not conclude the control of th	vided for by Section 3700 of the Labor Code, arance carrier and policy number are:  cy No. 92/2499/8  Date 4-8-19  INCE ot employ any person in a manner so as to be-  Date subject to the Worker's Compensation provisions of the
the work described and is not a "permit for tional permits (e.g., electrical installation, may also be required from other agencies. WORK APPROVED HEREIN. No chang Health Services (EHS). Final clearance will I hereby agree to comply with all reg	r development" as that term is used in waste discharge requirements, land use THIS PERMIT IS VALID FOR ONE ges from the approved plan are permit not be issued until all fees are paid and gulations of the County of Santa Barbar and inactivation. The property owner,	gist, this application shall be deemed a permit only for the California Subdivision Map Act. Please note added the clearance, grading, Santa Barbara City well permit YEAR FROM THE DATE OF ISSUANCE FOR Thitted without prior written approval by Environment dia copy of the drillers log is submitted to EHS. The and California Well Standards pertaining to well convelled the driller, or agent will furnish EHS a copy of a convelled.
I certify that I have read this applica	tion and declare under penalty of perju tatives of EHS to enter the premises fo	ary that the information contained herein is true, correspond to the purpose of inspecting the site and work describ
inspection must be scheduled directly with business days in advance for: ✓ The sealing of the annular space	the approving Hazardous Materials S	pproval, and prior to covering any components, an Specialist or Professional Geologist at least two (2)
<ul><li>✓ The destruction of wells;</li><li>✓ Any operation stipulated on the properties.</li></ul>	permit to address special or unusual condit	tions
	ill be issued upon receipt of the driller	
,	· · · · · · · · · · · · · · · · · · ·	
Signed Cody Wilgus  Applicant (Print Name)	Applicant's Signature	Date
	CATION DISPOSITION: ☐ App 4	
Receipt No.:#: N/A	ate: 4/10/2019 Amt.\$ No Fe	3 - 1 .
Permit Conditions: Notify EHS - Final Construction Approved by:	48 hours in advance of fieldwork TMR	Date: 4/10/2019
Final Clearance by:	TMR	Date:4/10/2019



TYPE OF PERMIT (Please check the appropriate box below)					FOR OFFICE USE ONLY	
	hrs) * first well ditional well "Modification" means the deepening of a well, reperforation, sealing or replacement of well casing – construction of one completed well.		Rec'd Date: <u>4/9/2019</u> Rec'd By: <u>TMR</u>			
	3 hrs) * first well dditional well	Abandonment -	- Complete filling	g of the well	Permit #: <u>A19159</u> W/P #: <u>0003969</u>	
* An hourly rate fee of \$157 will that noted above. Final project	P/E #:4687 Hazmat Site #:NA					
Required Attachments: Plot plan indicating the location of the well with respect to the following items:						
<ol> <li>Property lines</li> <li>Below grade utilities, piping, USTs, etc.</li> <li>Access roads and easements (water, sewer, utility, roadway)</li> <li>Existing and/or proposed structures.</li> <li>Sewage disposal systems or works carrying or containing sevage or industrial wastes within the vicinity of the proposed watercourses, if applicable</li> </ol>						
OWNER INFO:					205 504 5500	
Well Owner Name (Required): C	ity of Santa Barb	ara		Prima	ary Phone (805) 564-5596	
Owner Mailing Address: PO Box	1990, Santa Ba	rbara, Californi	a 93102-1990			
S	treet Number and St	treet Name		City	State/ Zip Code	
Complete this section if the person coordinating this project is other than the Well Owner (e.g., driller, contractor, etc.)  Project Coordinator/Certified Professional Name: Cody Wilgus						
Mailing Address: 209 East Victoria Street, Santa Barbara, California 93101  Street Number and Name City State / Zip Primary Phone: ( 805 ) 644 - 4455 Email: cwilgus@rinconconsultants.com					State / Zip Code	
WELL INFO:						
Well Location: Ortega Park, 604	4 East Ortega Str	reet, Santa Bar	bara, California	93103		
Street Number and Street Name City State/Zip Code					-	
Well Location's Assessor's Parco	el Number (APN)	: <u>0 3 </u>	_ 1 _ 1		0 0 2	
Well Use:  Ground Water Monitoring    Other						
Drilling Method: ☐ Hollow Stem Auger ☐ Mud Rotary ☐ Air Rotary ☐ Sonic ☐ Direct Push ☐ Other						
Proposed Depth 4 ft.			Casing	Information	· · · · · · · · · · · · · · · · · · ·	
Well Bore Diam. 3.25 in.	Type: ☐ Steel	■ PVC □ Othe	er			
Screen Interval 0-4 ft bgs	Wall Thickness 0.113 Diameter 0.75 in. Annular Seal Depth ft.					
Sealing Material	Additional Wor	k Description	Advance samp	oling tool to grour	ndwater, collect grab sample	
☐ Neat Cement ☐ Clay						
☐ Cement Grout ☐ Concrete						
Well ID # XXX-RB15  If destruction by pressure grout, grout volume:						

	TECAL DECLARA	TION				
LICENSED CONTRACTOR DECLARATION	LEGAL DECLARA	HON				
I hereby affirm that I am licensed under the pr Code (B. & P.C.) as a well drilling contractor (C	C-57 license) and such license is in	ing with Sec. 7000) of Division 3 full force and effect.				
Julius Cerstens Print Name of Driller	Justine of Signature of	Driller				
Lic. No.: 841350	Office Telephone 805-922-4		e: 805-570-4114			
Business Name:	Address					
(Complete 'A' or 'B')  A. WORKERS' COMPENSATION DECLARA I hereby affirm one of the following:  I have and will maintain a consection 3700 of the Labor Code  I have and will maintain work for the performance of work for the performance of work for Carrier Sweete Compensation  Applicant Signature  B. CERTIFICATION OF EXEMPTION FROM I certify that in the performance of work for come subject to the Worker's Compensation  Applicant Signature  Notice to Applicant: If, after making this Certabor Code, you must forthwith comply with several consecutions.	certificate of consent to self-ile, for the performance of the vickers' compensation insurance or which this permit is issued.  HOWORKERS' COMPENSATION for which this permit is issued, on Laws of California.	work for which this permit is it, as provided for by Section My insurance carrier and polypolicy No. ———————————————————————————————————	issued. 3700 of the Labor Code, licy number are: 49918 6-19 n in a manner so as to be-			
When signed by the Hazardous Mate the work described and is not a "permit for tional permits (e.g., electrical installation, way also be required from other agencies. WORK APPROVED HEREIN. No change Health Services (EHS). Final clearance will I hereby agree to comply with all registruction, repair, modification, destruction and test well log upon completion of well considered well log upon completion of well considered well log upon completion of well considered well log upon completion.	r development" as that term is waste discharge requirements, THIS PERMIT IS VALID FO es from the approved plan a not be issued until all fees are culations of the County of Santund inactivation. The property	s used in the California Subdi, land use clearance, grading, DR ONE YEAR FROM THE ure permitted without prior very paid and a copy of the driller ta Barbara and California We womer, well driller, or agent	ivision Map Act. Please note addition of the survey of the			
pleted well log upon completion of well con I certify that I have read this applicat and complete. I hereby authorize represent herein for compliance with county requirem	tion and declare under penalty atives of EHS to enter the pre	of perjury that the information				
REQUIRED INSPECTIONS / FIN inspection must be scheduled directly with business days in advance for:	the approving Hazardous Ma					
<ul> <li>✓ The sealing of the annular space of the destruction of wells;</li> <li>✓ Any operation stipulated on the p</li> </ul>	permit to address special or unusu					
Final clearance of the well with	il be issued upon receipt of a		•			
Signed Cody Wilgus	Cody Wilgus	: Digitally signed by Cody Wilgus : Date: 2019.04.09 15:05:04 -07:00	4/8/2019			
Marin C	Applicant ATION DISPOSITION:		Date <b>d</b>			
SignedEnvironmental Health Specialis	st	4/10/2019 Date				
Fixed Fee Rec'd: by: MCB Date: 4/10/2019 Amt.\$ No Fee						
Receipt No.:#: N/Ā	ate: 4/10/2019 Amt.\$_	,				
	48 hours in advance of fie					
Final Clearance by:	TMR	Date				
Final Clearance by:	TMR	Date:	4/10/2019			

## **COUNTY OF SANTA BARBARA**

X2120718

NOO -	chvironmental Health Servi	Department
CHIFORNIE		Date 4/09/2019
Received from	TORGET THOMPSON	
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MERCHANT COPY

I agree to pay above total amount according to card issuer agreement. (Merchant agreement if Credit Youcher)

\$1570.00

SALE AMOUNT

Avs Code: Tax Amount: Cust Code: Mode:

NYZ

024765 Manual:

645

Online \$0.00

Card # Token
SEQ #:
Batch #:
INVOICE
Approval Code:
Entry Method:

04/09/2019 MID: XXXXXXXXXXXXXXXX310 CREDIT CARD 15:06:12 TID: XXXXX806

VISA SALE

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5419 SM ENVIRNMNTL HEA 2125 CTRPOINTE PKY S 33 SANTA MARIA, CA 9345513

## Appendix D

Ortega Park – Master Plan







SANTA BARBARA, CA.
PARK SIZE: 9.5 ACRES



# DESIGN KEY

## GENERAL PARK IMPROVEMENTS

- (1) EXISTING BIKE PATH
  - 2 EXISTING PARKWAY & STREET TREES
  - EXISTING TREES TO REMAIN WITH OPEN LAWN
- (4) DECORATIVE FENCE WITH PILASTERS
- (5) ANGLED PERMEABLE PARKING WITH SIDEWALK
- 6 STREET TREE WITH TREE GRATE
- (7) COTA STREET PARK PROMENADE
- 8) OPEN GRASS AREA
- 9) PLANTER AREA
- 10 BIORETENTION AREA
- 11) PILASTERS WITH ROLLING GATE
- 12) PILASTERS WITH SWING GATE
- (13) ENTRY PLAZA WITH ENTRY SIGN
- (14) HEAD-IN PERMEABLE PARKING SPACES
- (15) TEMPORARY POP-UP TENTS
- 6) PARK RESTROOMS

## POOL AREA - 26,870 SQUARE FEET

- 17 POOL FACILITIES BUILDING
- 18) AQUATIC MECHANICAL AND CHEMICAL BUILDING
- (19) EXISTING WELCOME HOUSE & POOL ENTRY
- 20) WET PLAY / WADING POOL
- POOL SLIDE / PLAY FEATURE
- (22) NON-COMPETITIVE LAP POOL
- (23) EXISTING WELL TO REMAIN
- OVERHEAD SHADE STRUCTURE
- 25 MURAL LOCATION

## SKATE PLAZA - 8,000 SQUARE FEET

- 26) SPECTATOR AREA
- 27) ENTRY FROM PARK
- 8) SKATE ELEMENTS

## PLAYGROUND - 6,280 SQUARE FEET

- 29 DROUGHT TOLERANT PLANTING WITH DG
- (30) SPLASH PAD FEATURE IN PLAZA
- (31) BBQ AREA (RESERVABLE)
- COLORIZED RUBBER SURFACING
- (33) FAMILY PICNIC AREA WITH SHADE SAILS
- PLAY EQUIPMENT (2-5 YEARS, 5-12 YEARS)

## MULTI-GENERATIONAL

## ACTIVITY ZONE - 11,760 SQUARE FEET

- LOW SEAT WALLS WITH DG
- BASKETBALL
- (37) CONCRETE CORNHOLE
- DURABLE OUTDOOR PING PONG TABLES
- BOCCE BALL COURT

## MULTI-SPORT FIELD AREA - 86,500 SQUARE FEET

- 40 MULTI-SPORT SYNTHETIC TURF WITH LIGHTING
- BASEBALL BACKSTOP
- SOCCER FIELD PROMENADE
- YOUTH BASEBALL STRIPING ON SYNTHETIC TURF
- SECONDARY PEDESTRIAN ENTRANCE
- FIELD ENTRANCE WITH SLIDING GATE & PILASTERS
- 46 LOW DECORATIVE FENCE

## Appendix E

Photo Figure



**Photograph 1.** View of the restroom building and youth softball field, facing southwest.



**Photograph 2.** View of the swimming pool area and southwest perimeter of the park along Salsipuedes Street, facing southeast.



**Photograph 3.** View of the playground, facing northeast.



**Photograph 4.** View of the community building and basketball courts, facing northwest.



**Photograph 5.** View of boring location RB1 and northeast adjacent Santa Barbara Junior High School, facing northeast.



**Photograph 6.** View of boring location RB12 and the southwest corner of the park at Salsipuedes Street and East Cota Street.