

July 28, 2017

**RECEIVED**

By Alameda County Environmental Health 9:26 am, Aug 04, 2017

Ms. Dilan Roe  
Alameda County Health Care Services Agency  
Environmental Health Services  
Environmental Protection  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577

**RE: Site Investigation Report**

**SITE: Mercedes-Benz of Oakland**  
**340 29<sup>th</sup> Street, Oakland, California**  
**ACHCSA Fuel Leak Case No. RO0003220**  
**Global ID #T10000009111**

Dear Ms. Roe:

Upon my authorization, Wheeler Group Environmental, LLC has prepared the attached *Site Investigation Report*, dated July 27, 2017, for the above-referenced property at 340-29<sup>th</sup> Street in Oakland, California. Wheeler Group has uploaded an electronic copy of the document to the State Water Resources Control Board's GeoTracker Database System, as well as the Alameda County Health Care Services Agency FTP Site. Should you have any questions, please contact Mr. Brent Wheeler, Manager of Wheeler Group Environmental, LLC (acting consultant for project) at (415) 686-8846 at your convenience.

I have read and acknowledge the content, recommendations, and and/or conclusions contained in the attached document or report submitted on my behalf to ACDEH's FTP server and the State Water Resource Control Board's GeoTracker website.

Respectfully Submitted,



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Mr. Ask Zaki  
Mercedes-Benz of Oakland  
Euromotors Oakland, Inc.

Distribution: (1) Addressee

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# SITE INVESTIGATION REPORT



**Mercedes-Benz of Oakland**  
340–29th Street, Oakland, California  
APN 9-701-9

**July 27, 2017**

LUST Cleanup Site  
Alameda County LOP Case No. RO0003220  
GeoTracker Global ID No. T10000009111

Prepared For:

Mercedes-Benz of Oakland/Euro Motors Oakland, Inc.  
Attn: Mr. Ash Zaki  
2915 Broadway, Oakland, California 94611

Prepared By:

Wheeler Group Environment, LLC  
Project No. 2016102



**Wheeler Group Environmental, LLC.**  
369-B Third Street, Suite #221, San Rafael, CA 94901  
Phone: 415-686-8846 [bwheeler@wheelergroupenvironmental.com](mailto:bwheeler@wheelergroupenvironmental.com)

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## STATEMENT OF PROFESSIONAL CERTIFICATION

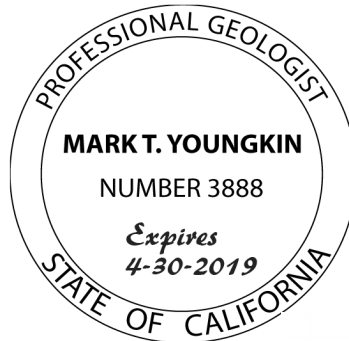
Document Title: Site Investigation Report

Location: Mercedes-Benz of Oakland  
340–29<sup>th</sup> Street, Oakland, California

California Business and Professions Code Section 7835 specifies that all geologic plans, specifications, reports, or documents shall be prepared by a professional geologist or registered specialty geologist, or by a subordinate employee under his or her direction. In addition, the document shall be signed by the professional geologist or registered specialty geologist or stamped with his or her seal, either of which shall indicate his or her responsibility for them.

This document is prepared in accordance with the California Business and Professions Code Section 7835 by a “professional geologist” as defined in the Geologist and Geophysicist Act (California Business and Professions Code commencing with Section 7800).

Wheeler Group Environmental, LLC



Date: July 27, 2017

A handwritten signature in blue ink, appearing to read "Brent A. Wheeler", written over a horizontal line.

Brent A. Wheeler  
Principal/Project Engineer

A handwritten signature in purple ink, appearing to read "Mark Youngkin", written over a horizontal line.

Mark Youngkin  
Registered Geologist No. 3888



**Wheeler Group Environmental, LLC.**

369-B Third Street, Suite #221, San Rafael, CA 94901  
Phone: 415-686-8846 bwheeler@wheelergroupernvironmental.com

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Fluid-Level Monitoring Data Forms  
Non-Hazardous Waste Manifest  
EPA On-line Tools for Site Assessment Calculation  
Soil Gas Sampling Data Form B4-SG-6.5  
Piezometer Survey Data Forms



**Wheeler Group Environmental, LLC**



## **SITE INVESTIGATION REPORT**

Mercedes-Benz of Oakland  
340–29<sup>th</sup> Street, Oakland, California 94611

### **INTRODUCTION**

On behalf of Mercedes-Benz of Oakland/Euro Motors Oakland, Inc., Wheeler Group Environmental, LLC (Wheeler Group) is submitting this *Site Investigation Report* concerning the Leaking Underground Storage Tank (LUST) case for the commercial property located at 340–29<sup>th</sup> Street in Oakland, California (Site or subject property). Wheeler Group reviewed the *Underground Storage Tank Closure Report* dated November 11, 2013, prepared by Golden Gate Tank Removal, Inc. (GGTR). GGTR removed one 600-gallon waste oil underground storage tank (UST) from the Site on September 23, 2013, and subsequently performed over-excavation of petroleum contaminated soil. Confirmation sampling revealed petroleum hydrocarbon impact to soil and water underlying the former UST location. The Alameda County Department of Environmental Health (ACDEH) is the lead regulatory agency managing the LUST case as Fuel Leak Case No. RO0003220.

On July 15, 2016, the ACDEH issued its letter requesting a work plan to delineate the lateral extent of petroleum hydrocarbon contamination in soil, soil gas and groundwater at the Site. Wheeler Group submitted the document titled *Draft Work Plan* dated October 14, 2016, via email to the ACDEH for review and comment. On January 26, 2017, the ACDEH submitted technical comments via email requesting corrections to the work plan and additions to the sampling protocols and laboratory analysis. Wheeler Group incorporated the technical comments into the final version of the document titled *Site Investigation Work Plan* dated March 17, 2017. The ACDEH issued “Conditional Work Plan Approval” in its letter dated April 17, 2017. The letter requested that volatile organic compounds (VOCs) in soil gas be analyzed using both EPA methods TO-15 and TO-17. On June 26–27, 2017, Wheeler Group implemented the field work specified in the approved work plan. Torrent Laboratory Inc. released the final laboratory analysis results on July 10, 2017.

Figure 1 is a *Site Location Map* showing the general location of the subject property in Oakland. Figure 2 is a *Site Vicinity Map* showing land use of the surrounding neighborhood. Figure 3 is a *Site Plan with Subsurface Utility Locations* showing the property and former/existing features and the approximate location of the former waste oil UST. Figure 3 shows the location of the soil borings utilized for collection of soil, soil gas, and grab water samples. Figure 4 shows a portion of the geologic map that pertains to the subject property. The attached photograph pages contain views of pertinent features at the Site and the investigation field work activities.

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## SITE LOCATION

The Mercedes-Benz of Oakland facility with posted address of 2915 Broadway, is located at the southwest corner of Broadway and 29<sup>th</sup> Street, between Broadway and Webster Street, in Oakland, California. Figure 1 titled *Site Location Map* shows the location of the Site within the Auto Row District. The irregular-shaped facility is used for an automobile dealership and consists of four parcels with multiple addresses. The facility is improved with co-joined commercial structures and vehicle parking lots. The former waste oil UST was located on the Webster Street frontage alongside the former service garage building with address 340 - 29<sup>th</sup> Street and within parcel APN 9-701-9.

The topographic elevation of the Site is estimated at approximately 40 feet above mean sea level. The Site and surrounding properties slope towards the southeast and nearby Glen Echo Creek. As shown on Figure 1, the nearest surface water is Glen Echo Creek located about 650 feet east of the Site that flows southward towards Lake Merritt. Glen Echo Creek flows on the surface between 29<sup>th</sup> and 30<sup>th</sup> Streets then enters a culvert at 29<sup>th</sup> Street and flows underground from there to Lake Merritt. Commercial properties surround the Site. Hospital and medical-related buildings occur uphill to the north and west. Automobile sales and service buildings and other commercial businesses are found downhill to the south and southeast. To the east across Broadway is a large parking lot and grocery store facility occupied by Grocery Outlet. See Figure 2 *Site Vicinity Map* that shows land use of the surrounding neighborhood. See Figure 3 *Site Plan with Subsurface Utility Locations* that shows a schematic drawing of the Site.

## SITE DESCRIPTION

UST Address:	340–29 <sup>th</sup> Street, Oakland, California Facility is four parcels with mailing address of 2915 Broadway
Site Location:	Auto Row District
County:	Alameda
General Setting:	Commercial / retail neighborhood
Parcel Number:	9-701-9 (dealership also located on parcels 9-701-7, -8 and -10)
Property Type:	Former auto service garage for Mercedes-Benz of Oakland
Elevation:	Approximately 40 feet above mean sea level
Facility Type:	Automobile sales and showroom (former auto service garage)
Basement:	Partial basement under 2901 Broadway building
Foundation:	Concrete Slab on Grade
HVAC:	Natural gas
Source of Water:	Municipal
Sewage Disposal:	Municipal
Solid Waste Disposal:	Municipal
Utilities:	Municipal
Primary Access:	Broadway and Webster Street
Number of Occupants:	One / Mercedes-Benz of Oakland

## ENVIRONMENTAL SITE HISTORY

Information on the former underground storage tank (UST) at the Site was reported in the Golden Gate Tank Removal, Inc. (GGTR) document titled *Underground Storage Tank Closure Report* dated November 11, 2013, and summarized in the following sections. One waste oil UST was located beneath the sidewalk on Webster Street at the property address of 340–29<sup>th</sup> Street, a former commercial auto repair garage and dealership service department. A “Leak Alert” monitoring system panel is still visible on the interior building wall adjacent to the former location of the waste oil UST. One UST fill port was present in the sidewalk above the UST. The UST was a waste oil tank connected to an adjacent remote fill within the former service shop of the Mercedes Benz automobile dealership facility. A two-inch diameter observation monitoring well (total depth of 10 feet below grade) was located at the northwest corner of the UST location.

### Closure of Underground Storage Tank

On September 18, 2013, GGTR pumped approximately 500-gallons of residual waste oil from the tank into ten 55-gallon steel drums. The cylindrical tank had a capacity of approximately 600 gallons, measuring approximately 6 feet in length by 4 feet in diameter, and was constructed of single wall bare steel. The UST was located approximately three feet from the building foundation. GGTR reported that the bottom of the UST was measured at 10 feet below grade (fbg). However, the Oakland Fire Department field inspection report indicates the top of the UST was 4 fbg making the bottom of the UST at 8 fbg, which appears to be corroborated by the photograph in the tank removal report. The exposed remote fill piping was drained, cut, removed and plugged at the east corner of the excavation sidewall along the building foundation. On September 23, 2016, GGTR removed the tank in sections from the excavation. After a visual inspection, the tank and piping were transported as scrap metal to Circosta Iron & Metal, Inc. in San Francisco, California.

The tank was found to be in good condition with no visible holes. However, discoloration and obvious hydrocarbon odor was observed in the pea gravel underlying the former tank. Soil observed surrounding the UST was predominantly dark greenish gray, silty clay with rock fragments. The bottom of the tank excavation at 10½ feet below sidewalk grade consisted of pea gravel base layer. Approximately 300 gallons of water with a “heavy film of oil” filled the bottom of the tank pit. The depth to groundwater measured in the adjoining observation well on September 23, 2013, was 6 fbg. The water stabilized in the excavation at approximately 7 fbg, referenced to sidewalk surface. Because of the obvious petroleum contamination beneath the UST, the Oakland Fire Department inspector requested that an Underground Storage Tank Unauthorized Release (Leak) / Contamination Site Report be completed, which GGTR filed on September 24, 2013.

On September 23, 2016, under the direction of the Oakland Fire Department inspector, GGTR collected two four-point composite soil samples from the stockpiled overburden soil, two discrete confirmation soil samples from the former tank excavation, two grab water sample from the former UST cavity, and one remote fill soil sample. GGTR recovered confirmation soil samples 9378-N-6 and 9378-S-6 from the excavation sidewalls at the north and south ends of the excavation at



approximately 6 fbg. Each soil sample was collected in undisturbed soil from the top of the groundwater interface zone (based on depth to water of 6 fbg in observation well). The water that accumulated in the tank pit was pumped out prior to recharge and water sampling. The water sample 9378-GW-7 was collected from the excavation bottom at approximately 7 fbg and water sample 9378-OW-6 was collected from the observation well at a 6 fbg. Figure 2 entitled *Site Drawing* in the GGTR *Underground Storage Tank Closure Report* dated November 11, 2013, depicts the approximate soil and water sample locations. The observation well, reported to have been located at the northwest corner of the UST, is not shown on the GGTR figure. All samples were transported to Accutest Northern California, Inc. (State ELAP Certification #2910) under formal chain-of-custody protocol for the required analyses.

All UST confirmation samples were analyzed for Total Petroleum Hydrocarbons (TPH) as diesel (C10-C28) and TPH as motor oil (>C28-C40) by EPA Method SW846 8015B M, TPH as gasoline range organics (GRO), Volatile Organic Compounds (VOCs) by EPA Method SW846 8260B and Poly Aromatic Hydrocarbons (PAH) by EPA Method SW846 8270C. Additionally, water sample 9378-OW-6 and confirmation soil samples were analyzed for Cadmium, Chromium, Lead, Nickel and Zinc by EPA Method SW846 6010B. A copy of the laboratory certificate of analysis and chain of custody form is included as an attachment to the GGTR *Underground Storage Tank Closure Report* dated November 11, 2013. The attached Table 1–*Soil Sample Results for Petroleum Hydrocarbons & Chlorobenzene* and Table 3–*Water Sample Results for Petroleum Hydrocarbons & MTBE*, summarize the confirmation soil and water sampling results.

## **Over-Excavation and Confirmation Sampling**

Based on the elevated petroleum hydrocarbon concentrations reported in the confirmation samples collected following the UST removal, GGTR on October 16, 2013, performed additional over-excavation of contaminated soil and additional confirmation sampling. GGTR removed approximately 24.52 tons of impacted pea gravel and native soil surrounding the UST cavity to a total depth of 13 feet below sidewalk grade. The excavated soil was transferred directly to a dump truck for off-site disposal. The observation well located adjacent to the northwest end of the UST (and well casing extending to a total depth of 10 fbg) was completely removed during the over excavation activities. GGTR collected two additional discrete confirmation soil samples. Soil samples 9378-EX-N-13 and 9378-EX-S-13 were recovered beneath the north and south ends of the excavation bottom at approximately 13 fbg, respectively.

GGTR observed groundwater recharging the bottom of the excavation. NRC Environmental Services pumped approximately 350 gallons of water with an oil sheen from the excavation. Following sufficient groundwater recharge of the excavation to allow for collection of a grab water sample, GGTR collected grab water sample 9378-GW-11.5 from the excavation at a depth of 11.5 fbg using a disposable bailer. On October 17 and 18, 2013, GGTR backfilled the excavation with clean import material and replaced the concrete sidewalk. A summary of the analytical results is presented in the attached tables and a copy of the laboratory certificate of analysis and chain of

custody form is included as an attachment to the GGTR *Underground Storage Tank Closure Report* dated November 11, 2013. The laboratory reported total petroleum hydrocarbons in the confirmation soil samples at 302 and 626 mg/kg, and in the water sample at 1860 µg/L.

On July 12, 2016, the Alameda County Department of Environmental Health (ACDEH) issued a *Notice of Responsibility* to Mercedes Benz of Oakland as responsible party for a new Leaking Underground Storage Tank (LUST) case. On July 15, 2016, the Alameda County Department of Environmental Health (ACDEH) issued its letter requesting further investigation of soil and groundwater contamination at the Site. The letter requested a draft work plan that presents a scope of work to further delineate the lateral extent of the leak at soil and groundwater at the site for the contamination apparently associated with one 600-gallon waste oil underground storage tank (UST).

### **Former LUST Case At Site**

The subject property has a facility address of 2915 Broadway currently occupied by Mercedes-Benz of Oakland. Alameda County records indicate that the 2915 Broadway address was formerly associated with European Motors LTD and Leaking Underground Storage Tank (LUST) case number RO0000702. On May 27, 1992, Alameda County UST Oversight Program issued a Remedial Action Completion Certificate (without Regional Water Control Board concurrence) that required no further action for the LUST case at the Site. The closure of the case was based on documents submitted by Miller Environmental Company (Miller). The Miller document titled *Report on Limited Subsurface Environmental Investigation and Remediation of Contaminated Soil, Site Location: 2915 Broadway, Oakland, California* dated April 2, 1990, provides information on the historic LUST case. The following is a summary of the findings presented in the Miller report.

On November 20, 1989, the Robert J. Miller Co. removed three underground storage tanks (UST), and associated product piping and dispenser from the upper parking lot with parcel address of 2930 Webster Street. Figure 3 shows the former location of the USTs along the Webster Street frontage of the facility. The USTs consisted of a 1000-gallon diesel fuel tank, a 550-gallon gasoline tank, and a 4000-gallon gasoline tank. The Site has a significant topographic slope and two of the tanks were located in the lower parking area and the 4000-gallon gasoline tank was located in the upper parking area. Upon removal, all three tanks were observed to be in intact condition. However, the water present in the lower excavation was observed to have petroleum product floating on the water surface. A water sample from the lower tank pit contained significant concentrations of petroleum hydrocarbons. Approximately 23 cubic yards of contaminated soil was removed for offsite disposal. Confirmation soil samples collected from the upper excavation (4000-gallon tank) contained non-detectable petroleum hydrocarbons. Confirmation soil samples recovered from the lower excavation had a maximum concentration of 60 mg/kg.

Because of the observed petroleum contamination on the water in the lower UST excavation, the Alameda County Local Oversight Program (LOP) opened a fuel leak case for the subject property. Miller in 1990, drilled three exploratory borings surrounding the lower tank excavation and installed three groundwater monitoring wells. Each well was bored to a depth of 30 feet below ground level

and slotted casing installed from 15 to 30 feet. Lithology encountered during the drilling consisted of silty to sandy clay from 7 to 30 feet. The clay was brown to olive green. During drilling, surface water flowed into the borehole from shallow fill materials above seven feet in depth. Water stabilized in the three monitor wells at depths of 10.4 to 12.4 feet with a groundwater flow direction to the southeast consistent with the topographic slope. Miller described the shallow groundwater aquifer as semi-confined due to the rise in groundwater elevation following the completion of drilling. No soil contamination was observed in the borings or soil samples. Groundwater samples recovered from the wells contained non-detectable to insignificant concentrations of petroleum hydrocarbons (maximum 0.06 mg/L TPH as Diesel).

The monitor wells were sampled for four consecutive quarters as presented in the Miller report dated January 13, 1992. The water sampling revealed non-detectable or insignificant concentrations of petroleum hydrocarbons in all three monitor wells. Groundwater flow direction was consistently measured flowing towards the southeast and Glen Echo Creek. From March 1990 through December 1991, the depth to groundwater ranged from 10.4 feet in well MW3 to 14.5 feet in well MW1. After four quarters of groundwater monitoring with favorable results, Miller recommended case closure for the LUST case at the Site. The monitor wells were destroyed as a condition for case closure. On May 27, 1992, Alameda County UST Oversight Program issued a Remedial Action Completion Certificate that required no further action for the LUST case at the Site.

## **REGIONAL & LOCAL GEOLOGY**

Published geologic maps provide information concerning the geology beneath the Auto Row District of Oakland including: 1) The U.S. Geological Survey (USGS) open-file report titled *Quaternary Geology of Alameda County and Surrounding Areas, California: Derived from the Digital Database Open-File 97-97* by E.J. Helley and R.W. Graymer dated 1997, and 2) USGS miscellaneous field studies MF-2342 titled *Geologic Map and Map Database of the Oakland Metropolitan Area, Alameda, Contra Costa, and San Francisco Counties, California* by R.W. Graymer, dated 2000. The geologic maps provide a description of the generalized geologic conditions at the subject property. As shown on attached Figure 4—Geologic Map, the Site's vicinity is mainly underlain by three geologic units: Qhaf—alluvial fan and fluvial deposits of Holocene age, Qpaf—alluvial fan and fluvial deposits of older Pleistocene age, and Qmt—marine terrace deposits of Pleistocene age. The Site is shown on the border of the area of Holocene and Pleistocene alluvial fan deposits. The younger alluvial fan and fluvial deposits (Qhaf) are brown or tan, medium dense to dense, gravely sand or sandy gravel that generally grades upward, to sandy or silty clay. The older alluvial fan and fluvial deposits (Qpaf) are brown dense gravely and clayey sand or clayey gravel that fines upward to sandy clay. These deposits display various sorting and are located along most stream channels. All Qpaf deposits can be related to modern stream courses.

As reported by Golden Gate Tank Removal Inc. in 2013, soil observed surrounding the underground storage tank (UST) at the Site was predominantly dark greenish gray, silty clay with rock fragments. The rock fragments observed at the Site suggest Artificial fill occurs in shallow

surface soils. Previous borings drilled at the Site in 1990 encountered fill materials to six feet and silty to sandy clay from a depth of 7 to 30 feet below grade. Exploratory borings drilled at the Site during the June 2017 subsurface investigation encountered clay, silt and sand with rock fragments (artificial fill) to depths of 8-11 fbg, underlain by native clay formation to the maximum depth explored at 20 fbg. Boring logs are provided in Appendix C. Groundwater was encountered in clay materials at a depth of approximately 11 fbg. The description of soils encountered during the UST removal and previous investigation appears consistent with the basin deposits of Holocene age (Qhb) shown on the geologic map.

The document titled *Groundwater Study and Water Supply History of the East Bay Plain, Alameda and Contra Costa Counties, CA* by Norfleet Consultants and dated June 15, 1998, contains a plate titled *Structural Contour Map on Top of Bedrock* that indicates an exploratory boring was drilled near to the subject property. The boring encountered hard bedrock at a depth of 339 feet below surface grade. The nearest surface exposures of bedrock are located about one mile northeast of the subject property. The U.S. Geological Survey open-file report titled *Preliminary Geologic Map Emphasizing Bedrock Formations in Alameda County, California: Derived from the Digital Database Open-File 96-252* by R.W. Graymer, D.L. Jones, and E.E. Brabb dated 1996, provides a description of the bedrock. Three map units occur within the bedrock outcrop northeast of the Site: Kfn—consisting of Franciscan Formation sandstone (graywacke) and shale; Kfgm—an intrusion of fine-grained quartz diorite into the sandstone; and Kjfm—Franciscan melange of sheared argillite, graywacke sandstone, chrt, shale, metachert, serpentinite, greenstone, amphibolite, tuff, eclogite, quartz schist, greenschist, basalt, marble, conglomerate, and glaucophane schist. At a depth of approximately 339 feet below surface grade at the Site may occur hard and sheared bedrock containing predominantly marine sandstone and shale of the Mesozoic Franciscan Complex.

## LOCAL & REGIONAL GROUNDWATER CONDITIONS

Wheeler Group requested a well search on a two-mile radius from the Alameda County Public Works Agency, Water Resources Section. The agency provided a spreadsheet with 2637 listings of various types of wells. There does not appear to be any domestic or irrigation water wells listed within the 1855-foot radius for the plume buffer zone. The California Department of Water Resources provided a compact disc with 1,280 redacted multi-page PDF images of well logs. Well logs were discovered for the former LUST case at the subject property. Numerous well logs were observed from shallow borings and monitor wells from surrounding fuel leak cases. No obvious well logs for domestic drinking wells were found in the immediate vicinity of the subject property.

Water was measured during the UST removal activities during September 2013, at approximately six feet below surface grade in the former UST observation well. During the 1990 monitoring well installations at the Site, surface water was observed flowing from a fill / gravel layer at a depth of 6-7 feet below grade whereas groundwater stabilized in the monitor wells at 10-12 feet below grade. Four quarters of groundwater monitoring from 1990 through 1991 consistently

measured a groundwater flow direction towards the southeast and Glen Echo Creek. The shallow groundwater was described as semi-confined in the previous investigation as stabilized water elevation was higher than water encountered during drilling. During the June 2017 subsurface investigation, Wheeler Group encountered first groundwater at depths of 10.5 to 14.7 fbg in exploratory borings. The water table occurs in tight clay formation and borings B7 and B8 displayed no water infiltration. Anomalously high water table was observed in boring B5 at a depth of 3.25 fbg indicating perched water on top of the clay formation. Wheeler Group placed temporary piezometer casing in the open boreholes to facilitate water sampling. Wheeler Group did not observe significant rise in the water table within the piezometer casing suggesting unconfined first groundwater conditions.

During the field reconnaissance in September 2016, it was noted that the topographic slope is pronounced at the Site, with the slope directed towards the southeast and Glen Echo Creek. Wheeler Group assumed that the current flow direction is in the topographic down-slope direction consistent with the groundwater flow measurements from 1990-1991. Groundwater measurements from other nearby LUST cases show possible influence by the major utility corridor along Broadway Avenue. Commonly, sanitary sewer lines are located at 12 feet below grade in major utility corridors and drain the groundwater table.

Wheeler Group previously summarized existing information on groundwater conditions in the document titled *Site Investigation Work Plan* dated March 17, 2017. In this work plan, Figure 4 titled *Groundwater Flow Direction Map*, summarizes groundwater flow information for the Site vicinity. The Geotracker website shows three cases located within a 1000-foot radius of the subject site as shown on Figure 4. Arcadis provided a description of the subsurface soil and groundwater conditions in its June 17, 2014, report titled *Conceptual Site Model and Low-Threat Closure Request, Volkswagen Automobile Dealership, 2740 Broadway Avenue, Oakland, California* (available on GeoTracker website). The Volkswagen Automobile facility is located about two blocks south of the subject property. Soil borings drilled to depths of approximately 30 feet fbg encountered inter-bedded clay, silty clay, sandy clay, silt and sandy silt, and sand with the finer grained soils, silt and clay, being the predominant soil type. At this property, the shallow groundwater flows in a west to northwesterly direction towards Broadway as determined from eight monitoring wells. On December 10, 2013, groundwater elevations ranged from 21 to 25 feet above Mean Seal Level (msl). The next closest case is the Robert & Ruth Burrows Trust at 260-30<sup>th</sup> Street. The groundwater flow direction during this study was estimated from the topographic slope as towards the southeast and Glen Echo Creek. Another case is the Chevron #9-2506 located at 2630 Broadway. Studies of groundwater flow direction at this site produced variable results with flow directions towards the north, west and south. Influence by the major utility corridor along Broadway may have resulted in the high variability at this location. Two more distant cases at 488-25<sup>th</sup> Street and 2800 Telegraph Avenue show flow directions to the south towards San Francisco Bay and Lake Merritt.

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## **SENSITIVE RECEPTOR SURVEY**

Wheeler Group prepared maps with representative plume lengths based on the constituents of benzene, MTBE and TPH as Gasoline according to the LTCP Technical Justification for Groundwater Media-Specific Criteria as shown on figures 5, 6, 7 and 8, of the Wheeler Group Environmental, LLC document titled *Site Investigation Work Plan* dated March 17, 2017. Figure 5 in the work plan shows the plume map for benzene with a radius of 554 feet. The topographic slope and previously determined groundwater flow direction are both to the southeast. A hospital facility is located up-slope across Webster Street to the west. Because of the southeast flow direction and slope, it is unlikely that the hospital is threatened by any groundwater plume originating from the subject property. To the southeast down-gradient direction is the Auto Row District of Oakland with numerous auto repair shops and auto dealership facilities. Directly down-slope and southeast of the Site is the large parking lot for the Grocery Outlet market and commercial buildings housing Broadway Liquors and auto-related service businesses. No sensitive receptors were observed within the potential benzene plume to the southeast of the Site.

Figures 6, 7 and 8 in the work plan show the plume maps for total petroleum hydrocarbons (TPH) as Gasoline, MTBE and TPH buffer zone with a radius of 855 feet, 1045 feet and 1855 feet, respectively. These potential plumes are very conservative because the release at the subject site involves a used oil tank and the technical guidance does not consider TPH as diesel or motor oil to be a key indicator of plume length. The hydrocarbons in the TPH as diesel and motor oil range are of low solubility and therefore create plumes which are usually shorter than those associated with gasoline releases. The plume maps show that Glen Echo Creek is a potential sensitive receptor in the down-gradient direction. Wheeler Group observed Glen Echo Creek during September 2016 to be an open channel east of the Site (Photograph No. 6) and within a subsurface conduit to the southeast of the Site (Photograph No. 7). Also observed were approximately ten (10) monitor well utility boxes in 29<sup>th</sup> Street that overlie the Glen Echo Creek conduit (Photograph No. 8 shows one of the covers). Wheeler Group was unable to locate corresponding well logs in the DWR repository and the monitor wells (or other purpose) are apparently not listed in Alameda County well database.

## **PREFERENTIAL MIGRATION PATHWAY SURVEY**

The ACDEH, in their January 26, 2017, email correspondence (Technical Comments on Draft Work Plan and Request for Work Plan for Fuel Leak Case No. RO0003220–Technical Comment No. 3), requested a subsurface utility survey in the general vicinity of the Site to evaluate whether any underground utility corridors may potentially act as preferential pathways for migration of dissolved-phase contaminant hydrocarbons. As part of the preferential pathway study, the ACDEH also requested identification and assessment of any basements potentially located at properties adjacent to the Site. Based on the location of the former waste oil UST and the general groundwater flow direction at the site to the southeast, Wheeler Group focused the preferential pathway corridor study along the Webster and 29th Street frontages of the Site.

### Subsurface Utility Corridor Survey

On February 27, 2017, Wheeler Group initially surface marked the proposed utility survey areas in white paint and notified Underground Service Alert (USA) to contact all utility companies to locate and surface mark subsurface utilities extending through the marked survey areas. On March 1, 2017, WGE in collaboration with Subtronic Corporation (Subtronic) of Martinez, California, performed the subsurface utility survey using electronic transmission and detection equipment as well as Ground Penetrating Radar (GPR) where required. Representatives of Mercedes-Benz of Oakland provided access for all survey and investigation activities. Subtronic manually removed the sewer manhole covers along the Webster and 29th Street corridors adjacent to the Site, and measured the sanitary and/or storm water pipe invert depths relative to street grade surface. Subtronic also removed all utility vault covers and sewer clean out covers in the sidewalks, and measured depths of the service lateral pipes extending to the mains located in the parking lanes and/or streets. The two sewer manhole covers at the intersection of Broadway and 29th Street were not accessed due to absence of vehicular traffic control at this location.

Subtronic marked the locations of each subsurface utility at grade surface in bright red spray paint, periodically designating its diameter, depth and construction type, flow directions (if applicable), as well as its usage [i.e., gas, sanitary sewer (SS), Storm Sewer (SW), water (W), fiber optic (F.O.), street light (SL), etc.]. The approximate locations of the pertinent subsurface site vicinity utilities are shown in the attached Figure 3 titled Site Plan w/ Subsurface Utility Locations. Subtronic utilized GPR survey equipment to scan the majority of the interior concrete slab floor within the former service department of the main building, located generally down gradient of the former waste oil UST. GPR survey was also performed along the east parking lane of the Webster Street frontage of the Site.

### Building Basement Survey

On March 1, 2017, Wheeler Group conducted a cursory inspection of nearby buildings for evidence of basements. No obvious evidence of a basement was observed on adjoining properties. A representative of Mercedes-Benz of Oakland informed Wheeler Group of the presence of a partial basement beneath the southeast corner of the dealership facility; associated with address of 2901 Broadway (Mercedes-Benz Showroom & Sales Offices) located at the northwest corner of the intersection of Broadway and 29<sup>th</sup> Street (see Figure 3 Site Plan). Two steel cargo doors situated in the north sidewalk of 29th Street provide the only access to the basement, which has a concrete floor located approximately 8.5 feet below sidewalk grade. The basement extends approximately 35 northward beneath the Mercedes-Benz Showroom & Sales Office building and spans approximately 75 feet in the east-west direction; the basement extends southward approximately 3 to 4 feet beneath the sidewalk.

At the time of the inspection, Wheeler Group observed that the entire basement floor was covered with approximately 6 to 8 inches of standing water, with depth to water measured at 8 feet below sidewalk grade. An inactive sump pump was located at the southeast corner of the basement

foundation wall of the access cargo doorway. A small cylindrical container (@ 30-gallon capacity) with influent/effluent piping extending to the basement roof was located adjacent to the west foundation wall of the basement, and was reportedly used as a holding reservoir or pumping station for drainage water or sewage from the overlying building. During the field investigation on June 26–27, 2017, Wheeler Group observed no petroleum odors, or petroleum sheen or product on the surface of the standing water. A grab water sample was recovered from the standing water in the basement, presumed to be groundwater infiltration (as there had been no significant rain events in several months).

Based on the information provided by the subsurface utility corridor survey and on the reported general groundwater flow direction (southeast) and shallow depth to groundwater measured during UST removal activities in September 2013 (@7-8 fbg), it appears that the existing water, street light, fiber optic and natural gas utility conduits located along both the Webster Street and 29th Street frontages of the Site do not act as a preferential pathway for on- and/or off-site migration of groundwater and contaminant hydrocarbons due to their shallow depths extending to a maximum depth of 2.5 fbg. The 14"-diameter sanitary sewer pipe flows southward beneath the center of Webster Street, with pipe invert depth ranging between 10.75 and 11 fbg. Because this sanitary sewer corridor lies approximately 3 to 4 feet below the reported September 2013 groundwater table level, it may act as a potential pathway for onsite migration of impacted groundwater in the vicinity of the former UST. During the utility survey event, Subtronic mentioned the possibility of a forced storm water main present beneath the 29th Street frontage of the property; the dimensions and depth of this utility were not measured due to the presence of large cap underlying the manhole cover when removed.

## **SITE INVESTIGATION**

On June 26–27, 2017, Wheeler Group performed the approved site investigation activities in the form of soil, soil gas and grab water sampling to assess the extent and degree of petroleum hydrocarbon contamination identified during the 2013 UST removal. The site characterization boring/sampling locations are shown on Figure 3–*Site Plan*. The following sections describe the procedures and results of the investigation field work.

### **Scope/Sequence of Proposed Work Activities**

The general scope of work and sequence of activities follows:

- Wheeler Group obtained applicable permits as required from Alameda County Public Works Agency and City of Oakland
- Wheeler Group outlined the proposed work area and boring locations in white surface paint and notified Underground Service Alert to clear for subsurface public utilities extending through the designated work area(s)



- 
- Wheeler Group prepared the Site Health & Safety Plan for all proposed field work; scheduled and notified all parties of confirmed field drilling/sampling date(s)
  - Wheeler Group provided for the core drilling and removal of 6"-Diameter sections of concrete at each proposed boring location to facilitate access for drilling/sampling equipment
  - Using limited-access, hydraulic GeoProbe drilling equipment, Wheeler Group and the drilling contractor advanced exploratory borings (B1 thru B8) to a maximum depth of 20½ fbg at the locations surrounding the former UST location as shown on Figure 3 titled *Site Plan*. Borings B1 through B4 were drilled within 10 feet of the former UST location. Boring B5 was drilled in the down-gradient direction. Borings B6 through B8 were additional step-out borings located around location B5.
  - Wheeler Group and the drilling contractor recovered continuous soil samples in each borehole between 0.5 and 20 fbg by hydraulically pushing 4-foot sections of acetate plastic-lined steel drill tubes into relatively undisturbed soil for inspection, description and logging
  - Wheeler Group and the drilling contractor recovered discrete soil samples in each borehole from the drill tubes; appropriately sealed, capped and labeled each soil sample for chilled storage and subsequent delivery to the analytical laboratory under proper chain of custody command
  - Wheeler Group field monitored and recorded all recovered soil samples for total VOCs using a calibrated photo ionization detector (PID)
  - In a separate borehole adjacent to the boring B4 location, Wheeler Group and the drilling contractor installed soil gas vapor probe B4-SG from 6-6½ feet below grade (5 feet plus 1½ for building foundation depth) and recovered a soil gas sample for the laboratory analysis
  - To facilitate groundwater monitoring/sampling, Wheeler Group and the drilling contractor installed temporary 0.75" Diameter, screened PVC piezometer casing to the total depth in boreholes B1 thru B6
  - Wheeler Group periodically monitored and recorded the depth to groundwater in each borehole using an electronic water level indicator and/or electronic oil/water interface meter
  - Wheeler Group collected a grab groundwater sample in boreholes B1 thru B4 and B6 for laboratory analysis
  - Wheeler Group allowed the groundwater to stabilize in Borings B1, B2, B3, B4, and B6 for at least two hours, and subsequently surveyed and recorded the top of the PVC piezometer casing of each boring and calculated a preliminary groundwater gradient and flow direction
  - Wheeler Group and the drilling contractor backfilled all boreholes with neat Portland cement; tremie grouted directly through the piezometer casing to at least 1 foot above the measured groundwater table level; removed and properly disposed of all used casing
  - Wheeler Group stored all drill soil cuttings and equipment wash/rinse water in secured temporary storage containers pending off-site disposal at a State-licensed landfill/recycling facility

- Wheeler Group transported and submitted selected soil and groundwater samples under chain-of-custody command to a State-certified stationary laboratory for laboratory analyses
- Wheeler Group uploaded all investigative analytical data and required documentation to the State GeoTracker Database System
- Wheeler Group profiled and transported all solid (auger soil cuttings) and liquid waste to respective State-licensed disposal facilities
- Wheeler Group interpreted all data and prepared a report summarizing the field activities, findings, and conclusions of the site characterization activities

The following sections provide further discussion of the work performed at the Site. Appendix D–Additional Documentation, contains documents pertaining to the investigation field work performed at the Site.

### **Permitting, Utility Clearance & Notification**

Wheeler Group completed and submitted an online Water Resources Well Permit Application and associated permit fee to the Alameda County Public Works Agency (ACPWA). The ACPWA issued permit No. W2017-0502 that was approved on June 15, 2017. Wheeler Group submitted a Boring Excavation and Obstruction Permit Application to the City of Oakland Department of Public Works. The agency issued Permit Nos. X1700677 & OB1700793 that were approved on June 14, 2017. A copy of each permit is included in Appendix D. At least 72 hours prior to initiating field work, Wheeler Group surface marked all proposed work area(s) in white marking paint and notified Underground Service Alert. If warranted, the subsurface utility agencies visited the Site and surface marked all existing underground utility locations within the public right of way extending through the designated work area(s). Wheeler Group arranged and scheduled all concrete coring, drilling and laboratory contractors services. At least 72 hours before commencing field activities, Wheeler Group notified the property owner and local agencies of all scheduled work dates and start times.

### **Shallow Soil Investigation**

As required per agency drilling permit conditions, each proposed soil boring was drilled by Enprobe Environmental Drilling Services (Enprobe) of Oroville, California, a California-licensed Water Well Drilling Contractor (C-57). The site-specific Health & Safety Plan was reviewed at the start of each field day. On June 26 & 27, 2017, WGE personnel, in collaboration with EnProbe, advanced 8 vertical soil borings to a maximum depth of 20½ fbg at the locations surrounding the former UST location. *Figure 3–Site Plan* shows the locations of the exploratory borings. Borings B1 through B4 were drilled within 10 feet of the former UST location. Boring B5 was drilled in the down-gradient direction. Borings B6 through B8 were additional step-out borings located around location B5. At selected exploratory boring locations, the driller hand augured a 2.5- to 3.5-inch-diameter borehole to the designated depth of 4½ feet below grade while simultaneously transferring soil cuttings to a 55-gallon storage drum. The purpose of the hand-auger drilling was to

clear the boring locations for marked or unmarked underground utilities. Appendix C contains boring logs showing the subsurface conditions encountered in each exploratory boring and vertical location of soil samples. The photographs on Pages of Appendix A show the drilling and sampling activities at the Site.

The driller advanced the exploratory borings to a maximum depth of 20½ fbg using a limited access, hydraulic Geo Probe drilling rig equipped with 2.25-inch-diameter steel drill tubes. Discrete soil samples were collected in each borehole between 5 and 20 fbg by advancing a butyrate plastic, tube-lined core sampler (1.5-inch-diameter) approximately 4 feet into relatively undisturbed soil. Soil samples were collected continuously, specifically at changes of lithology, at the soil/groundwater interface, and at areas showing obvious contamination (i.e., staining & hydrocarbon odor). All down-hole drilling and sampling equipment was cleaned between each sampling location using a non-phosphate Alconox<sup>®</sup> solution and double rinsed using clean, potable water.

Wheeler Group collected a small volume of soil at each sample location and screened the soil for total VOCs using a calibrated photoionization detector (PID). Wheeler Group classified and logged all soil extracted from each borehole using the Unified Soil Classification System and Munsell Soil Color Chart. Immediately following soil sample collection in each borehole, the sample brass tube liners were appropriately sealed at each end with Teflon and plastic caps, and placed in a cooler chilled with blue ice. Table 1 in Appendix A titled *Soil Sample Results for Petroleum Hydrocarbons & Chlorobenzene* show the results of laboratory analysis of soil samples. Appendix B contains the certified laboratory analytical reports. Appendix C contains boring logs for each exploratory boring.

## Groundwater Investigation

Following the completion of drilling and soil sample collection, Wheeler Group instructed the drilling contractor, Enprobe, to place factory-sealed, 0.75-inch-diameter, screened PVC well casing (threaded with bottom cap) to the total depth of each borehole to expedite water sampling and pre-filter the groundwater of as much coarse-grained sediment as possible. Wheeler Group periodically measured and recorded the depth to groundwater in the temporary casing using an electronic water level indicator or oil/water phase indicator and determined when the groundwater level stabilized. Wheeler Group obtained all measurements relative to the approximate north side of the top of casing (TOC), with an accuracy of 0.01 foot. All boreholes were initially observed to be dry. Per ACPWA Permit Condition (#2), the boreholes drilled on June 26, 2017 were allowed to stay open for a maximum of 24 hours following completion of soil sampling and piezometer installation.

When a sufficient groundwater volume was present in each borehole, Wheeler Group collected a grab groundwater sample within the PVC casing using both a disposable bailer and low-flow peristaltic sampling pump. No water samples were collected in borings B5, B7 and B8. Perched water was evident in boring B5, and borings B7 and B8 (completed on June 27, 2017) were observed

to be dry. No free phase petroleum product or petroleum sheen was observed in the boreholes. Volatile water samples were collected initially using a disposable bailer, and poured directly into laboratory cleaned 40-milliliter volatile organic analysis (VOA) vials (pre-preserved with hydrochloric acid) to prevent loss of any volatile constituents. The vials were filled slowly and in such a manner that the meniscus extended above the top of the VOA vial. After the vials were filled and sealed with a threaded Teflon cap, they were inverted to insure there was no head space or entrapped air bubbles. Groundwater analyzed for TPH was collected using a low-flow peristaltic pump and clean, dedicated Teflon tubing, and transferred directly to 1-liter amber bottles. All water samples were labeled and placed in a cooler chilled to approximately 4°C. Wheeler Group submitted the samples under a chain of custody to the analytical laboratory for chemical analysis.

Wheeler Group preserved the 0.75-inch diameter screened PVC well casing for use as a temporary piezometer. Prior to groundwater sampling on June 27, 2017, Wheeler Group measured and recorded the depth to water within the 0.75-inch diameter screened PVC well casing of each borehole using an electronic oil/water interface meter. Sampling collection in exploratory borings, Groundwater was measured at approximately 10.5 to 14.7 fbg in borings B1, B2, B3, B4 and B6. Perched surface water was evident in boring B5 where the standing water level was 3.25 fbg. No water infiltration occurred in borings B7 and B8 that were dry at the conclusion of the field work. On June 27, 2017, WGE informally surveyed the top of casing elevations of each boring to an arbitrary local bench mark. The depth to groundwater was measured from the top of casing (north side) to estimate groundwater elevations at four points. The resulting groundwater elevations were entered into the EPA online gradient calculation tool with a resulting estimate of 167 degrees for flow direction and 0.21 ft/ft for the hydraulic gradient, as shown on Figure 3–Site Plan. The EPA online tools worksheet is provided in Appendix D–Additional Documentation. During the LUST case investigation in 1990-1991, the groundwater gradient was previously measured in three monitor wells in the southeast direction.

Following the grab groundwater sampling and water level measurement activities, Wheeler Group instructed the drilling contractor, Enprobe, to extract the temporary well casing and backfill each borehole with neat Portland cement up to approximately two fbg. A tremie pipe was used to fill the boreholes with standing water. The used casing was disposed of appropriately. The balance of each borehole was backfilled with concrete to restore original Site conditions. Appendix C contains the geologic boring log / construction log for each exploratory boring.

## Soil Gas Investigation

Pursuant to current July 2015 California Environmental Protection Agency (CalEPA) and Department of Toxic Substances Control (DTSC) *Advisory for Active Soil Gas Investigations*, Wheeler Group collected a soil gas sample from one discrete borehole, B4-SG, to evaluate the potential for petroleum vapors beneath the building. A dedicated 2.25"-diameter soil gas sampling boring B4-SG was advanced to the final depth of 6½ feet below ground surface (five feet plus 1½ foot for building foundation) using the direct push drill rig (with no hand auguring). Once the designated target

depth was reached, a temporary vapor probe was constructed in the bottom of the borehole. At the target depth, a screened vapor tip was installed on the down-hole end of 1/4-inch Teflon tubing, extending approximately 12 inches above grade surface. The screened probe was encased in a 12-inch thick sand pack. Approximately 12 inches of dry granular bentonite was placed on top of the sand pack, followed by 2 to 3 feet of hydrated granular bentonite. Additional hydrated granular bentonite (paste) was placed at the surface of each borehole to form a proper seal prior to sampling. Photographs of the soil gas probe installation activities are presented in the attached Photograph Pages of Appendix A. Wheeler Group installed the vapor probe B4-SG on June 26, 2017, and the vapor concentration in the sample probe was allowed to stabilize until the soil gas sampling event on June 27, 2017.

A soil gas sample was collected following the procedures provided in the Department of Toxic Substances Control's (DTSC) July 2015 *Advisory–Active Soil Gas Investigations*, and discussed in the work plan. The collection of a soil gas samples using Summa canister failed in soil vapor sample B4-SG-6.5, where tight formation resulted in no vacuum decrease in canister. Sample B4-SG-6.5 was additionally analyzed for volatile organic compounds using sorbent tubes and analysis method TO-17 only. Following the soil gas sampling, Wheeler Group extracted the vapor probe from each borehole and backfilled the borehole with neat Portland cement up to approximately 1 fbg. The balance of the borehole was backfilled with appropriate cover material to restore original Site conditions.

## Laboratory Analyses

Wheeler Group submitted the soil, soil gas and groundwater samples for chemical analysis under chain of custody command to Torrent Laboratory, Inc. (Torrent; California ELAP #1991) at 483 Sinclair Frontage Road, Milpitas, California. The submitted samples were analyzed using California Department of Health Services approved methods. Tables 1, 2, 3 and 4 attached to this technical report present a summary of the analytical results for this event as well as data generated during previous sampling events at the Site. Wheeler Group requested that all associated laboratory analytical reports be reported in Electronic Deliverable Format in general accordance with the State Water Resources Control Board's GeoTracker Database System. Wheeler Group uploaded all analytical data to the State Water Resources Control Board's GeoTracker Database System. A copy of the certified laboratory analytical reports associated with the sampling event are presented in Appendix B.

### Laboratory Analysis of Soil Samples

The soil samples collected in each borehole, groundwater interface, and selected samples at other depth intervals showing elevated petroleum vapor as field recorded with the PID, were submitted for laboratory analysis of the following constituents:

- Total Petroleum Hydrocarbons (TPH) as Gasoline by Method 8260TPH
- TPH as Diesel by Method SW8015B

- TPH as Motor Oil by Method SW8015B
- Polynuclear Aromatic Hydrocarbons (PAH) by Method SW8270C
- Volatile Organic Compounds (Full List) by Method SW8260B

Table 1 attached to this technical report present a summary of the analytical results for the soil sampling event. Torrent issued the analytical reports of soil sample results (Work Order Nos. 1706233 and 1706234) on July 10, 2017. According to the reports, no issues were encountered with the receiving, preparation, analysis or reporting of the results. The laboratory completed all volatile organic analyses within the 14-day required time limit for analysis.

For the diesel range organic analysis, Torrent noted in the certified analytical report that the chromatographic pattern does not resemble typical diesel reference standard and unknown peaks within diesel range quantified as diesel. Diesel values resulted from the overlap of Oil range into Diesel range. For the gasoline range organics analysis, Torrent noted that samples do not match pattern of reference Gasoline standard and the reported value is the result of contribution from hydrocarbons heavier than requested fuel into range C5-C12 quantified as gasoline. On several samples, Torrent indicates that the best match is the Mineral Spirit chromatogram standard.

#### **Laboratory Analysis of Groundwater Samples**

Wheeler Group submitted all grab groundwater samples under formal chain of custody command to a State-certified analytical laboratory analysis of the following constituents:

- Total Petroleum Hydrocarbons (TPH) as Gasoline by Method 8260TPH
- TPH as Diesel by Method SW8015B
- TPH as Motor Oil by Method SW8015B
- Volatile Organic Compounds (Full List) by Method SW8260B

Torrent issued the analytical report of water sample results (Work Order No. 1706234) on July 10, 2017. According to the reports, no issues were encountered with the receiving, preparation, analysis or reporting of the results. The laboratory completed all volatile organic analyses within the 14-day required time limit for analysis.

For the diesel range organic analysis, Torrent noted in the certified analytical report that the chromatographic pattern does not resemble typical diesel reference standard and unknown peaks within diesel range quantified as diesel. For the gasoline range organics analysis, Torrent noted that samples do not match pattern of reference Gasoline standard and the reported value is the result of contribution from hydrocarbons heavier than requested fuel into range C5-C12 quantified as gasoline.

#### **Laboratory Analysis of Soil Vapor Sample**

Wheeler Group encountered tight subsurface clay conditions at the location of vapor sample B4-SG-6.5. The passive vacuum of the Summa canister was unable to recover vapor from the

formation and the TO-15 analysis was unable to be performed at field point B4-SG. Wheeler Group used an air pump to recover vapor samples for TO-17 analysis using Thermal Desorption (TD) Tubes, which Torrent indicates is the preferred sampling method for tight formations. For vapor sample B4-SG-6.5, Wheeler Group requested Torrent to analyze 1 of the 2 TD tubes collected for volatile organic compounds (VOC) using the TO-17 analysis instead of the TO-15 analysis method.

Wheeler Group submitted the soil gas samples collected under chain of custody command to Torrent for chemical air analysis. The samples were analyzed using the following California Department of Health Services approved methods:

- TPH as Diesel range organics (DRO) by Method TO-17
- TPH as Gasoline range organics (GRO) by Method TO-17
- Volatile Organic Compounds (VOCs; Full List) by Method TO-17

The tight formation precluded collection of a vapor sample in a Summa canister. The laboratory indicated that the analysis of fixed gases and methane was not possible using the vapor sample recovered with the TD tubes. No methane gas analysis was performed during this investigation.

Torrent Laboratory, Inc. (Torrent) issued the analytical reports of soil vapor sample results (Work Order No. 1706232) on July 10, 2017. According to the reports, no issues were encountered with the receiving, preparation, analysis or reporting of the results. For the gasoline range organics analysis, Torrent noted that samples do not match the chromatogram pattern of a reference Gasoline standard and the reported value is the result of contribution from non-gasoline compounds within range C5-C12 quantified as gasoline.

## Results of Laboratory Analyses of Soil Samples

Table 1 in Appendix A summarizes the soil sample laboratory analytical results for Site investigation activities. The reported concentrations of petroleum hydrocarbons are compared to the Regional Water Quality Control Board San Francisco Bay Region's Tier I Environmental Screening Levels (ESL) as shown on the table. Values exceeding (or potentially exceeding) Tier 1 levels are shown in bold on the tables. No soil samples from the exploratory borings exceeded the Tier I ESL values for petroleum hydrocarbons.

Out of 27 soil samples, one soil sample, B4-SG-6.5, slightly exceeded the Tier I ESL value for chlorobenzene only. Soil sample B4-SG-6.5 contained a chlorobenzene concentration of 2.28 mg/Kg, above the Tier I ESL value of 1.5 mg/Kg based on leaching potential to groundwater. The reported concentration of 2.28 mg/Kg is below the residential direct exposure ESL value of 250 mg/kg and the commercial / industrial land use shallow soil exposure ESL of 1200 mg/kg. The concentration of 2.28 mg/Kg is below the construction worker exposure ESL of 1100 mg/Kg. The four soil samples in adjoining boring B4 at 3, 8.5, 10 and 15 fbg, did not exceed the Tier I ESL value for chlorobenzene.

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## Results of Laboratory Analyses of Grab Water Samples

Tables 3 and 4 in Appendix A summarize the water sample laboratory analytical results for the investigation activities. The reported concentrations of petroleum hydrocarbons are compared to the Regional Water Quality Control Board San Francisco Bay Region's Tier I Environmental Screening Levels (ESL). Water samples from borings B1, B3, and B4 had reported concentrations of TPH as gasoline, diesel and motor oil exceeding the Tier I ESL value of 100 µg/L (based on odor nuisance levels). Samples from borings B2, B6 and the "2901 Basement" sample slightly exceeded the Tier I value of 100 µg/L for petroleum hydrocarbons. Torrent noted that the reported TPH as gasoline and diesel chromatograms do not match the typical diesel and gasoline reference chromatogram standards. The reported values are due to contribution from non-target heavy oil-range hydrocarbons and possibly mineral spirits.

Grab water samples from boring B1, B3 and B4 contained benzene at a concentrations of 4.8, 12 and 15 µg/L, exceeding the Tier I ESL value of 1 µg/L based on direct exposure. The benzene commercial/industrial vapor intrusion ESL value for deep groundwater under a fine to coarse vapor intrusion scenario is 260 µg/L. The benzene odor nuisance level for drinking water is 170 µg/L. In water samples B1-GW and B3-GW, the laboratory reported MTBE at concentrations of 7.2 and 13 µg/L, above the Tier I ESL value of 5 µg/L based on odor nuisance and direct exposure. The human health risk based ESL for MTBE is 13 µg/L. The reported values are well below vapor intrusion based ESL values for MTBE. Four water samples had concentrations of chlorobenzene ranging from 60 µg/L to 4900 µg/L, exceeding the Tier I ESL value of 25 µg/L (based on fresh water Ecotox). Chlorobenzene was formerly used for the cleaning of automobile parts in repair shops.

## Results of Laboratory Analyses of Soil Vapor Sample

The reported vapor sample concentrations are compared to the Regional Water Quality Control Board San Francisco Bay Region's Tier I Environmental Screening Levels (ESL). Wheeler Group encountered tight subsurface conditions at the location of temporary vapor probe B4-SG. The passive vacuum of the Summa canister was unable to recover vapor from the formation and the TO-15 and fixed gas/methane analyses were unable to be performed on vapor sample B4-SG-6.5. Wheeler Group used an air pump to recover vapor samples for TO-17 analysis in sorbent tubes, which Torrent Laboratory indicates is the preferred sampling method for tight formations. Wheeler Group requested Torrent to analyze the sorbent tube sample for full-list volatile organic compounds (VOC) using the TO-17 analysis in lieu of the TO-15 analysis.

As shown on the Sample Result Summary on the following page, Torrent identified 34 volatile constituents in vapor sample B4-SG-6.5 from temporary vapor point B4-SG. The laboratory reported twenty-two of the vapor constituents at concentrations less than 1 µg/m<sup>3</sup>. Total petroleum hydrocarbons as gasoline range organics was reported at 75 µg/m<sup>3</sup>. The remaining 11 constituents were reported at concentrations ranging from 1.0 to 3.2 µg/m<sup>3</sup>. None of the reported values appear to exceed Tier I ESL soil gas values for potential vapor intrusion risk.





### Sample Result Summary

Report prepared for: Brent Wheeler  
Wheeler Group Environmental, LLC

Date Received: 06/28/17

Date Reported: 07/10/17

B4-SG-6.5

1706232-001

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results ug/m3</u>
MTBE	TO-17	1	0.27	5.0	0.33
1,1-Dichloropropene	TO-17	1	1.3	5.0	2.4
Benzene	TO-17	1	0.85	5.0	3.2
Carbon Tetrachloride	TO-17	1	0.45	5.0	0.63
TAME	TO-17	1	0.18	5.0	0.53
Dibromomethane	TO-17	1	0.36	5.0	1.7
Bromodichloromethane	TO-17	1	0.30	5.0	0.71
Trichloroethylene	TO-17	1	0.29	5.0	0.52
cis-1,3-Dichloropropene	TO-17	1	0.17	5.0	0.74
trans-1,3-Dichloropropene	TO-17	1	0.20	5.0	0.79
1,1,2-Trichloroethane	TO-17	1	0.28	5.0	0.61
Toluene	TO-17	1	0.27	5.0	1.9
1,3-Dichloropropane	TO-17	1	0.21	5.0	0.78
Dibromochloromethane	TO-17	1	0.42	5.0	0.87
1,2-Dibromoethane	TO-17	1	0.39	5.0	0.90
Tetrachloroethylene	TO-17	1	0.33	5.0	0.89
1,1,1,2-Tetrachloroethane	TO-17	1	0.32	5.0	0.81
Ethyl Benzene	TO-17	1	0.29	5.0	1.0
m,p-Xylene	TO-17	1	0.56	5.0	1.1
Bromoform	TO-17	1	0.18	5.0	0.31
Styrene	TO-17	1	0.26	5.0	0.91
1,1,1,2-Tetrachloroethane	TO-17	1	0.23	5.0	0.45
o-Xylene	TO-17	1	0.25	5.0	0.53
1,2,3-Trichloropropane	TO-17	1	0.25	5.0	0.82
1,2,4-Trimethylbenzene	TO-17	1	0.34	5.0	2.4
1,3-Dichlorobenzene	TO-17	1	0.30	5.0	0.38
1,4-Dichlorobenzene	TO-17	1	0.35	5.0	0.64
1,2-Dichlorobenzene	TO-17	1	0.24	5.0	0.43
n-Butylbenzene	TO-17	1	0.33	5.0	2.3
1,2,4-Trichlorobenzene	TO-17	1	0.14	5.0	2.7
Naphthalene	TO-17	1	0.21	5.0	2.5
1,2,3-Trichlorobenzene	TO-17	1	0.11	5.0	2.5
Hexachlorobutadiene	TO-17	1	0.34	5.0	0.83
TPH-GRO	TO-17	1	4.1	25	75.0

Sample Result Summary from Torrent Laboratories, Inc. report for work order No. 1706232 dated July 10, 2017. Excerpt from page 3 of report showing summary of detected chemical constituents in soil gas sample B4-SG-6.5 from temporary vapor probe B4-SG. Results based on TO-17 analysis of sorbent tubes only.

## WASTE MANAGEMENT

All waste soil cuttings and other soil waste generated during soil boring and sample collection activities were transferred to a 55-gallon, D.O.T.-approved steel drum for temporary storage in a secure area. Equipment wash, purge water and rinse water generated from the decontamination of drilling and sampling equipment and waste water generated during groundwater sampling was transferred to a 10-gallon D.O.T.-approved steel drum for temporary storage. Following waste profiling and facility acceptance, Big Sky Enterprises (US EPA ID No. CAL000301639), on July 18, 2017, transported one drum of solid waste (drill cuttings) and one drum of waste liquid (wash water) to the Big Sky Enterprises licensed disposal facility in Benicia, California, under Non-Hazardous Waste Manifest No. 071817001. A copy of the waste manifest is included in

## GEOTRACKER ELECTRONIC SUBMITTAL

Wheeler Group requested the analytical laboratory, Torrent Laboratories, Inc., to report all associated laboratory analytical reports in Electronic Deliverable Format (EDF) in general accordance with the State Water Resources Control Board's GeoTracker Database System. Wheeler Group uploaded all analytical data in EDF format to the State Water Resources Control Board's GeoTracker Database System. Wheeler Group also uploaded a copy of all boring logs (GEO\_BORE), a revised Site Plan (GEO\_MAP) and a copy of the report of findings (GEO\_REPORT) in Portable Data Format (PDF) to the GeoTracker Database.

## REPORT PREPARATION & DISTRIBUTION

This technical report was distributed to the following parties:

Alameda County Department of Environmental Health  
1131 Harbor Bay Parkway, Suite 250  
Alameda, California 94502-6577  
Attention: Ms. Dilan Roe

1 PDF report via GeoTracker  
1 PDF report via FTP site

Mercedes-Benz of Oakland  
Euromotors Oakland, Inc.  
2915 Broadway, Oakland CA 94611  
Attn: Ash Zaki

1 PDF report via Email

**REFERENCES**

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## LIMITATIONS

It should be understood that all environmental assessments are inherently limited in that conclusions are drawn and recommendations developed from information obtained from limited research and visual observations. Subsurface conditions change significantly with distance and time and therefore may differ from the conditions implied by subsurface investigation. It must be noted that no investigation can absolutely rule out the existence of any hazardous or petroleum substances at a given site. Existing hazardous materials and contaminants can escape detection using these methods. The work performed in conjunction with this assessment and the data developed are intended as a description of available information at the dates and location given. Wheeler Group's professional services have been performed, with findings obtained and recommendations prepared in accordance with customary principles and practices in the field of environmental science, at the time of the assessment.

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**Site Investigation Report  
Mercedes-Benz of Oakland  
340 29<sup>th</sup> Street, Oakland, California**

APN 9-701-9

Alameda County LOP Case No. RO0003220

Geotracker Global ID T10000009111

**APPENDIX A**

**FIGURES, TABLES & PHOTOGRAPHS**

Figure 1 – Site Location Map

Figure 2 – Site Vicinity Map

Figure 3 – Site Plan with Subsurface Utility Locations

Figure 4 – Geologic Map

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Site Photographs Page 2

Site Photographs Page 3

Site Photographs Page 4

Table 1–Soil Sample Results for Petroleum Hydrocarbons & Chlorobenzene

Table 2–Soil Sample Laboratory Analysis Results for Metals

Table 3–Water Sampling Results for Petroleum Hydrocarbons & MTBE

Table 4–Water Sample Results for Volatile Organic Compounds (VOC)

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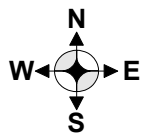
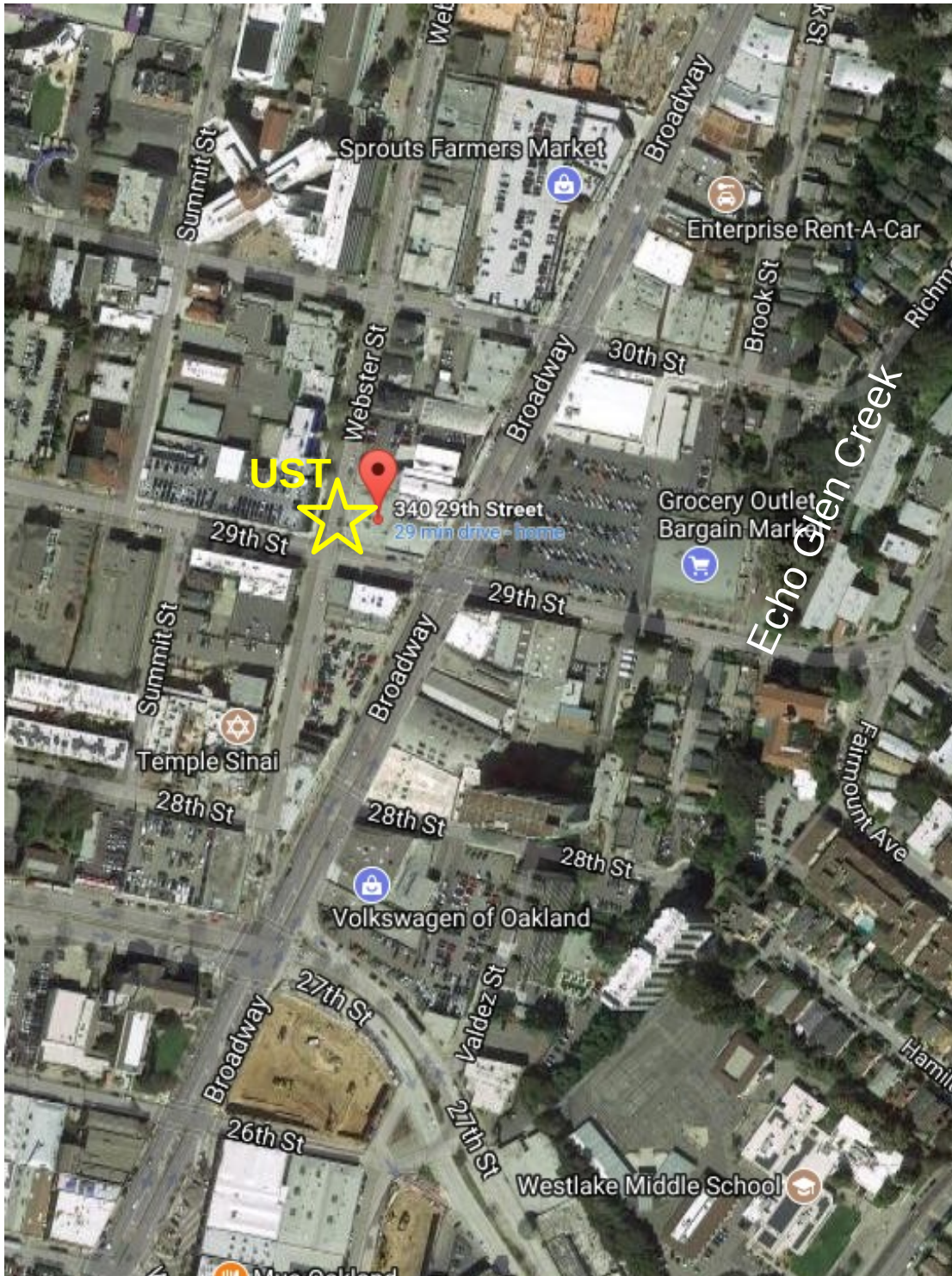
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**SITE LOCATION MAP**  
**Site Investigation Report**  
 340-29<sup>th</sup> Street, Oakland, CA



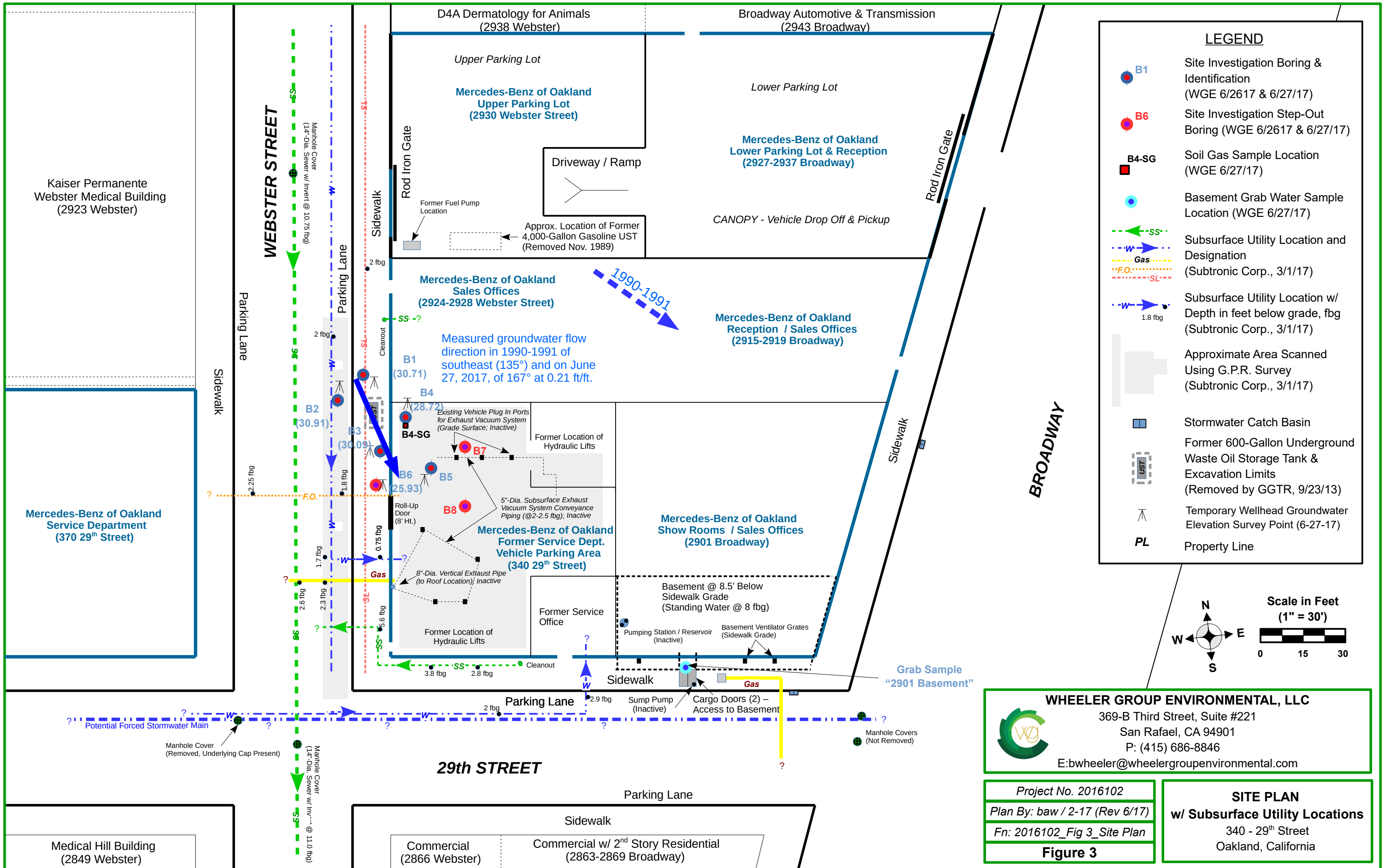
Base map – excerpt from Google Maps 2017

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 Scale in Feet



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**SITE VICINITY MAP**  
**Site Investigation Report**  
 340-29<sup>th</sup> Street, Oakland, CA



Kaiser Permanente Webster Medical Building (2923 Webster)

D4A Dermatology for Animals (2938 Webster)

Broadway Automotive & Transmission (2943 Broadway)

Mercedes-Benz of Oakland Upper Parking Lot (2930 Webster Street)

Mercedes-Benz of Oakland Lower Parking Lot & Reception (2927-2937 Broadway)

Mercedes-Benz of Oakland Sales Offices (2924-2928 Webster Street)

Mercedes-Benz of Oakland Reception / Sales Offices (2915-2919 Broadway)

Mercedes-Benz of Oakland Service Department (370 29<sup>th</sup> Street)

Mercedes-Benz of Oakland Former Service Dept. Vehicle Parking Area (340 29<sup>th</sup> Street)

Mercedes-Benz of Oakland Show Rooms / Sales Offices (2901 Broadway)

Basement @ 8.5' Below Sidewalk Grade (Standing Water @ 8 fbg)

29th STREET

Parking Lane

Sidewalk

Commercial (2866 Webster)

Commercial w/ 2<sup>nd</sup> Story Residential (2863-2869 Broadway)

Medical Hill Building (2849 Webster)

Manhole Cover (Removed, Underlying Cap Present)

Manhole Cover (14"-Dia. Sewer w/ Invert @ 11.0 fbg)

Manhole Cover (14"-Dia. Sewer w/ Invert @ 10.75 fbg)

Sidewalk

Parking Lane

Parking Lane

Sidewalk

Sidewalk

Sidewalk

BROADWAY

Rod Iron Gate

Rod Iron Gate

Cleanout

SS - ?

B1 (30.71)

B4 (28.72)

B2 (30.91)

B3 (30.09)

B6 (25.93)

B5

B7

B8

Gas

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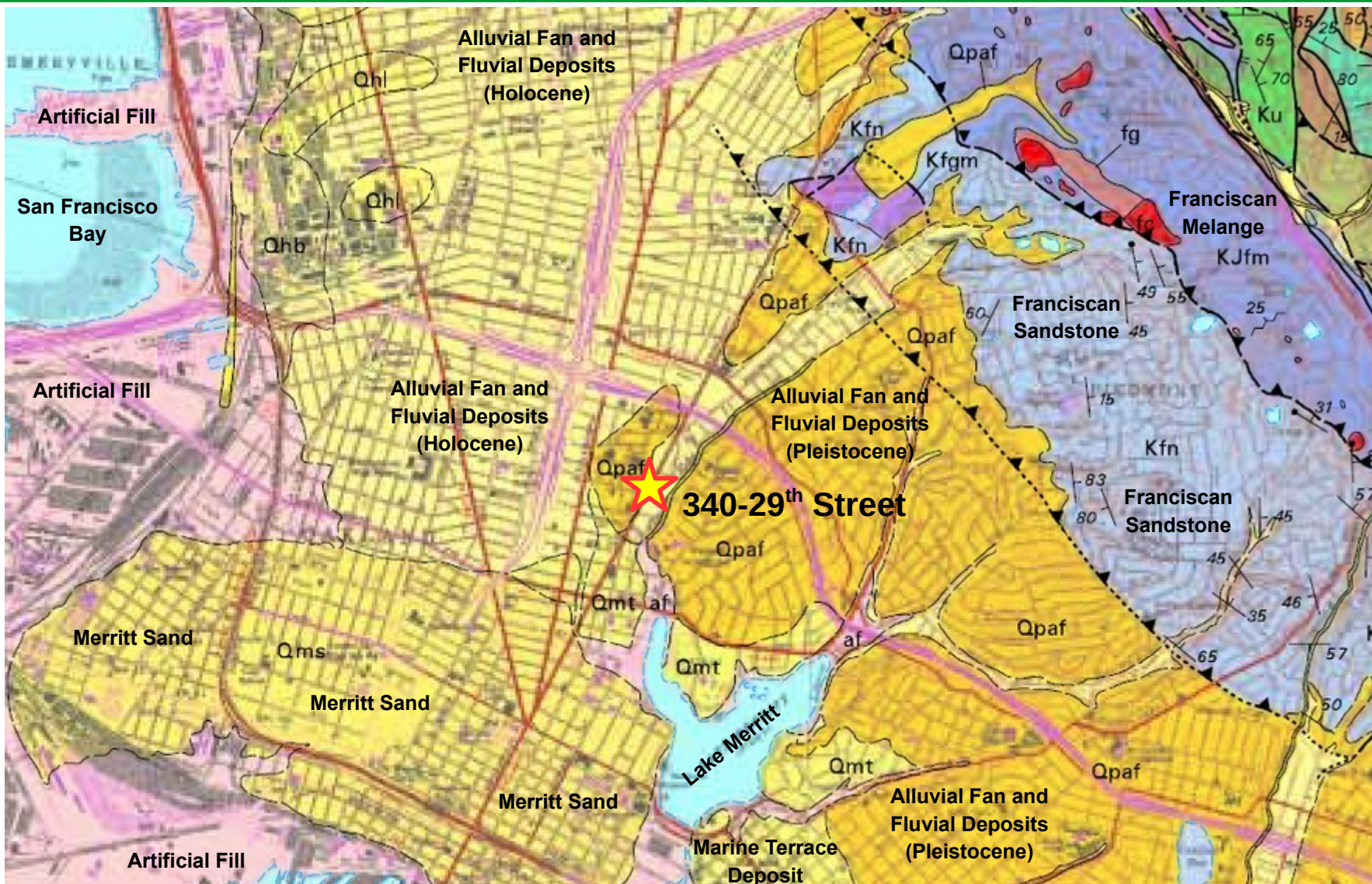
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A portion of Geologic Map and Map Database of the Oakland Metropolitan Area, Alameda, Contra Costa, and San Francisco Counties, California: Miscellaneous Field Studies MF-2342, Version 1.0, by U.S. Geological Survey, 2000; North to top; Scale about 2 inches per mile.



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**GEOLOGIC MAP**  
 340-29th Street, Oakland, CA

Project No. 2016102

FN: 2016102\_Fig 4\_GeologicMap\_July1\_2017.odg

Drawing By:my/06-17

**Figure 4**

Photograph No. 1 – South view of sidewalk and parking strip along Webster Street property frontage, showing approximate lateral limits of former 600-Gallon Underground Waste Oil Storage Tank (red dashed lines) removed from site in September 2013 (WGE, 8/30/16).



Photograph No. 2 – North view of sidewalk along Webster Street Site frontage showing Vickers Concrete Cutting technician during concrete coring of Field Sampling Point B6 (WGE, 6/26/17).



Photograph No. 3 – Southwest interior view of former Mercedes-Benz of Oakland vehicle service garage showing Vickers Concrete Cutting technician during coring of concrete slab floor (5" thickness) at Field Sampling Point B4-SG (WGE, 6/26/17).



Photograph No. 4 – Southwest view of rear of Webster Street Site frontage showing EnProbe Drilling Services personnel during drilling and soil sampling at Boring B1, located approximately 8-9 feet north-northwest of former Waste Oil UST excavation limit (WGE, 6/26/17).



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**SITE PHOTOGRAPHS PAGE 1**  
**Site Investigation Report**  
 340 29<sup>th</sup> Street, Oakland, California

Project No. 2016102

FN: 2016102\_Photo\_P1

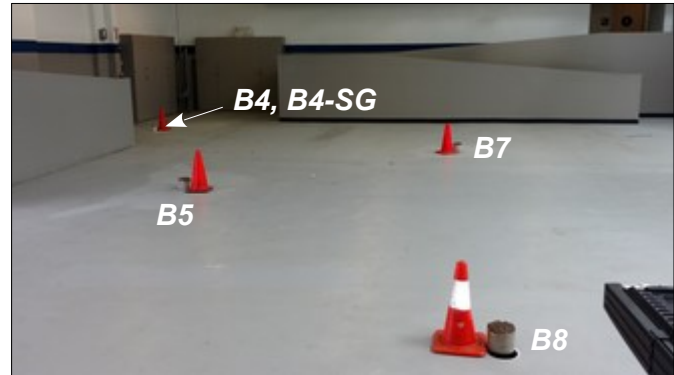
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Photo Page 1

Photograph No. 5 – Northeast view of rear of Webster Street Site frontage showing EnProbe Drilling Services personnel during drilling and soil sampling at Boring B3, located approximately 9-10 feet south of former Waste Oil UST excavation limit (WGE, 6/26/17).



Photograph No. 6 – Northeast interior view of former Mercedes-Benz of Oakland vehicle service garage showing layout of Field Sampling Points B4, B4-SG, B7 & B8 following concrete coring activities (WGE, 6/26/17).



Photograph No. 7 – west interior view of former Mercedes-Benz of Oakland vehicle service garage showing EnProbe personnel during drilling and soil sampling at Boring B4, located approximately 7-8 feet east of former Waste Oil UST excavation limit (WGE, 6/26/17).



Photograph No. 8 – Northeast interior view of former Mercedes-Benz of Oakland vehicle service garage showing EnProbe personnel during drilling and soil sampling at Step-Out Boring B7 (WGE, 6/27/17).



Photograph Nos. 9 & 10 – Respective views along Webster Street Site frontage showing EnProbe personnel during grab groundwater sample collection activities at Boring Locations B1 and B2, respectively; sample for VOC analysis initially collected using disposable Teflon bailer, then collected using low-flow peristaltic pump and Teflon tubing (WGE, 6/27/17).



Photograph No. 11 – Northwest view from interior of former Mercedes-Benz of Oakland vehicle service garage showing EnProbe personnel assisting in temporary wellhead elevation survey activities at Field Point B6, following fluid-level monitoring and prior to groundwater sampling (WGE, 6/27/17).



Photograph No. 12 – view of existing cargo doors (1 of 2 shown open) in sidewalk along 29<sup>th</sup> Street frontage of Mercedes-Benz of Oakland Showroom Building (2901 Broadway); grab groundwater sample (Sample ID 2901 Basement) collected from standing water (@ 6”) at approximately 8 feet sidewalk grade surface (WGE, 6/27/17).

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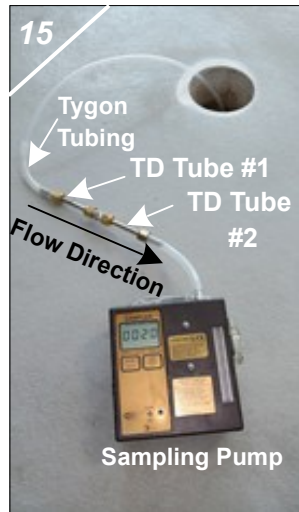
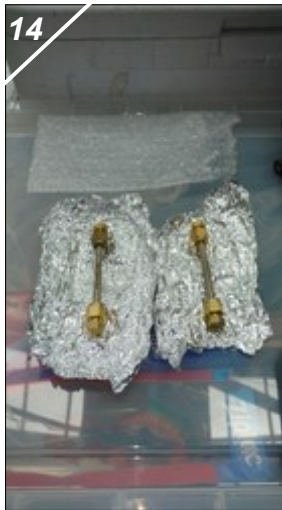
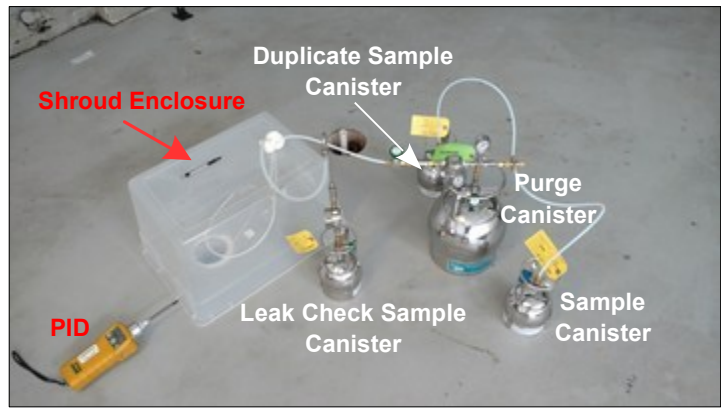


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**SITE PHOTOGRAPHS PAGE 3**  
**Site Investigation Report**  
340 29<sup>th</sup> Street, Oakland, California

Photograph No. 13 – View of Field Sampling Point B4-SG, during purging of soil gas sample B4-SG-6.5 (in progress); duplicate and leak check sample canisters shown; no vacuum decrease observed due to tight soil formation & no soil gas sample collected (WGE, 6/27/17).



Photograph Nos. 14 & 15 – Thermal Desorption (TD) Tubes used for laboratory analyses by EPA method TO-17; stainless tubes are pre-packed with sorbent and sealed at each end with threaded Swagelok caps, then wrapped in tin foil, and shipped from the laboratory on blue ice; Photo No. 15 shows collection of soil gas sample at Field Point B4-SG utilizing TD Tubes (2 in series) and active sampling pump (WGE, 6/27/17).

Photograph Nos. 16 & 17 – Interior/exterior views of Site showing EnProbe personnel during backfilling activities (Boring Location B5); if groundwater encountered, borehole initially backfilled with Portland cement through 3/4"-dia. screened PVC tremie pipe, then completed with surface concrete, Photo No. 17 (WGE, 6/27/17).



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**SITE PHOTOGRAPHS PAGE 4**  
**Site Investigation Report**  
 340 29<sup>th</sup> Street, Oakland, California

### Laboratory Analysis Results of Environmental Sampling

Mercedes Benz of Oakland, 340-29<sup>th</sup> Street, Oakland, CA 94607

**TABLE 1**  
**Soil Sample Results for Petroleum Hydrocarbons & Chlorobenzene**

Results in mg/Kg

Field Point ID	Sampling Date	Depth in Feet	Gasoline C6—C10	Diesel C10—C28	Motor Oil C28—C40	Benzene	Toluene	Ethyl Benzene	Xylenes	Naphthalene	MTBE	Chloro benzene
9378-EX-N-6	09/23/2013	6	555 a	2020	6660	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.5)	ND (0.5)	ND (0.5)	2.4
9378-EX-S-6	09/23/2013	6	226 a	1170	4010	ND (0.12)	ND (0.12)	ND (0.12)	ND (0.25)	ND (0.25)	ND (0.25)	3.64
9378-SP1(A-D) COMP	09/23/2013	soil pile	ND (2.5)	1650	5120	ND (0.025)	ND (0.025)	ND (0.025)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.025)
9378-SP2(A-D) COMP	09/23/2013	soil pile	98.3 a	1320	4100	ND (0.062)	ND (0.062)	ND (0.062)	0.218	0.241	ND (0.12)	1.69
9378-REMOTE Fill	10/03/2013	NA	ND (0.049)	51.6	130	ND (0.00049)	ND (0.00049)	ND (0.00049)	ND (0.049)	ND (0.00097)	ND (0.00097)	ND (0.00049)
9378-EX-N-13	10/16/2013	13	29.4 a	99.9	302	0.0017	ND (0.0005)	0.0018	ND (0.00099)	ND (0.00099)	ND (0.00091)	1.29
9378-EX-S-13	10/16/2013	13	25.3 a	202	626	ND (0.018)	ND (0.018)	ND (0.018)	ND (0.035)	ND (0.035)	ND (0.00091)	0.504
B1-5	06/26/2017	5	ND (0.043)	ND (0.85)	ND (3.2)	ND (0.0023)	ND (0.0018)	ND (0.0017)	ND (0.0032)	ND (0.0017)	ND (0.0023)	ND (0.0018)
B1-8	06/26/2017	8	3.66 b	58.1 x	512	ND (0.011)	ND (0.0091)	ND (0.0083)	ND (0.016)	ND (0.0017)	ND (0.012)	0.614
B1-10	06/26/2017	10	1.51 b	53.3 x	406	ND (0.011)	ND (0.0091)	ND (0.0083)	ND (0.016)	ND (0.0017)	ND (0.012)	0.103
B1-15	06/26/2017	15	ND (0.043)	ND (0.85)	ND (3.2)	ND (0.0022)	ND (0.0018)	ND (0.0017)	ND (0.0032)	ND (0.0017)	ND (0.0023)	0.0356
B2-5	06/26/2017	5	ND (0.043)	ND (0.85)	ND (3.2)	ND (0.0022)	ND (0.0018)	ND (0.0017)	ND (0.0032)	ND (0.0017)	ND (0.0023)	ND (0.0018)
B2-10	06/26/2017	10	ND (0.043)	ND (0.85)	ND (3.2)	ND (0.0022)	ND (0.0018)	ND (0.0017)	ND (0.0032)	ND (0.0017)	ND (0.0023)	0.0369
B2-15	06/26/2017	15	ND (0.043)	ND (0.85)	ND (3.2)	ND (0.0022)	ND (0.0018)	ND (0.0017)	ND (0.0032)	ND (0.0017)	ND (0.0023)	0.0287
B3-5	06/26/2017	5	ND (0.043)	ND (0.85)	ND (3.2)	ND (0.0022)	ND (0.0018)	ND (0.0017)	ND (0.0032)	ND (0.0017)	ND (0.0023)	ND (0.0018)
B3-10	06/26/2017	10	ND (0.043)	ND (0.85)	ND (3.2)	ND (0.0022)	ND (0.0018)	ND (0.0017)	ND (0.0032)	ND (0.0017)	ND (0.0023)	0.0168
B3-11	06/26/2017	11	ND (0.043)	ND (0.85)	ND (3.2)	ND (0.0022)	ND (0.0018)	ND (0.0017)	ND (0.0032)	ND (0.0017)	ND (0.0023)	0.0409
B3-13	06/26/2017	13	0.428 c	2.45 x	ND (3.2)	ND (0.0022)	ND (0.0018)	ND (0.0017)	ND (0.0032)	ND (0.0017)	ND (0.0023)	0.0761
B4-3	06/26/2017	3	8.88 b	154 x	1040	ND (0.0022)	ND (0.0018)	ND (0.0017)	ND (0.0032)	ND (0.0017)	ND (0.0023)	0.212 <sup>1</sup>
B4-8.5	06/26/2017	8.5	0.252 c	4.08 x	24.8	ND (0.0022)	ND (0.0018)	ND (0.0017)	ND (0.0032)	ND (0.0017)	ND (0.0023)	0.148
B4-10	06/26/2017	10	0.209 c	24.7 x	180	ND (0.0022)	ND (0.0018)	ND (0.0017)	ND (0.0032)	ND (0.0017)	ND (0.0023)	0.171
B4-15	06/26/2017	15	ND (0.043)	7.32 x	38.7	ND (0.0022)	ND (0.0018)	ND (0.0017)	ND (0.0032)	ND (0.0017)	ND (0.0023)	ND (0.0018)
B4-SG-6.5	06/26/2017	6.5	70.9 c	143 x	948	ND (0.22)	ND (0.18)	ND (0.17)	ND (0.32)	ND (0.17)	ND (0.23)	2.28
B5-3	06/26/2017	3	ND (0.043)	2.56 x	11.1	ND (0.0022)	ND (0.0018)	ND (0.0017)	ND (0.0032)	ND (0.0017)	ND (0.0023)	ND (0.0018)
B5-7.5	06/26/2017	7.5	ND (0.043)	2.43	ND (3.2)	ND (0.0022)	ND (0.0018)	ND (0.0017)	ND (0.0032)	ND (0.0017)	ND (0.0023)	ND (0.0018)
Tier 1 ESL Values	Feb. 2016		100	230	5100	0.044	2.9	1.4	2.3	0.033	0.023	1.5
Comm/Industrial ESL	Feb. 2016		3900	1100	140000	1	46000	220	2400	14	180	1200

## Laboratory Analysis Results of Environmental Sampling

Mercedes Benz of Oakland, 340-29<sup>th</sup> Street, Oakland, CA 94607

**TABLE 1**  
**Soil Sample Results for Petroleum Hydrocarbons & Chlorobenzene**  
 Results in mg/Kg

Field Point ID	Sampling Date	Depth in Feet	Gasoline C6–C10	Diesel C10–C28	Motor Oil C28–C40	Benzene	Toluene	Ethyl Benzene	Xylenes	Naphthalene	MTBE	Chloro benzene
B6-5	06/26/2017	5	ND (0.043)	3.09 x	ND (3.2)	ND (0.0022)	ND (0.0018)	ND (0.0017)	ND (0.0032)	ND (0.0017)	ND (0.0023)	ND (0.0018)
B6-10	06/26/2017	10	ND (0.043)	2.04 x	ND (3.2)	ND (0.0022)	ND (0.0018)	ND (0.0017)	ND (0.0032)	ND (0.0017)	ND (0.0023)	ND (0.0018)
B7-5	06/27/2017	5	ND (0.043)	ND (0.85)	ND (3.2)	ND (0.0022)	ND (0.0018)	ND (0.0017)	ND (0.0032)	ND (0.0017)	ND (0.0023)	ND (0.0018)
B7-10	06/27/2017	10	ND (0.043)	ND (0.85)	ND (3.2)	ND (0.0022)	ND (0.0018)	ND (0.0017)	ND (0.0032)	ND (0.0017)	ND (0.0023)	ND (0.0018)
B7-15	06/27/2017	15	ND (0.043)	ND (0.85)	ND (3.2)	ND (0.0022)	ND (0.0018)	ND (0.0017)	ND (0.0032)	ND (0.0017)	ND (0.0023)	ND (0.0018)
B8-5	06/27/2017	5	ND (0.043)	ND (0.85)	ND (3.2)	ND (0.0022)	ND (0.0018)	ND (0.0017)	ND (0.0032)	ND (0.0017)	ND (0.0023)	ND (0.0018)
B8-10	06/27/2017	10	ND (0.043)	ND (0.85)	ND (3.2)	ND (0.0022)	ND (0.0018)	ND (0.0017)	ND (0.0032)	ND (0.0017)	ND (0.0023)	ND (0.0018)
B8-12	06/27/2017	12	ND (0.043)	ND (0.85)	ND (3.2)	ND (0.0022)	ND (0.0018)	ND (0.0017)	ND (0.0032)	ND (0.0017)	ND (0.0023)	ND (0.0018)
B8-15	06/27/2017	15	ND (0.043)	3.18 x	ND (3.2)	ND (0.0022)	ND (0.0018)	ND (0.0017)	ND (0.0032)	ND (0.0017)	ND (0.0023)	ND (0.0018)
Tier 1 ESL Values	Feb. 2016		100	230	5100	0.044	2.9	1.4	2.3	0.033	0.023	1.5
Comm/Industrial ESL	Feb. 2016		3900	1100	140000	1	46000	220	2400	14	180	1200

Notes: Results in milligrams per kilogram–mg/Kg

ND – Not detected above MDL (Method Detection Limit)

NA – Not Available; No depth provided in UST removal report for remote fill sample

mg/Kg = milligrams per kilogram

a – Atypical pattern; heavier hydrocarbons contributing to quantitation

b – Does not match pattern of reference Gasoline standard. Best match with pattern of Mineral Spirit.

c – Does not match pattern of reference Gasoline standard. Reported TPH value due to discrete peak and non-target heavy hydrocarbons within range of C5-C12 quantified as gasoline

x – not typical of Diesel reference standard; peaks within Diesel range quantified as diesel; presence of discrete peaks not typical of diesel pattern; Diesel value the result of overlap of Oil range into Diesel Range

1 – Soil sample also contains 0.0121 µg/Kg of sec-Butyl Benzene

Tier 1 ESL Values – Environmental Screening Levels, San Francisco Bay Regional Water Quality Control Board, February 2016 (Rev. 3)

Comm/Industrial ESL – Direct Exposure Human Health Risk Levels (Table S-1), Commercial/Industrial: Shallow Soil Exposure; Environmental Screening Levels, San Francisco Bay Regional Water Quality Control Board, February 2016 (Rev. 3)

## Laboratory Analysis Results of Environmental Sampling

Mercedes Benz of Oakland, 340-29<sup>th</sup> Street, Oakland, CA 94607

**TABLE 2**  
**Soil Sample Laboratory Analysis Results for Metals**  
Results in mg/Kg

<i>Field Point ID</i>	<i>Sampling Date</i>	<i>Depth in Feet</i>	<i>Cadmium</i>	<i>Chromium</i>	<i>Lead</i>	<i>Nickel</i>	<i>Zinc</i>
9378-EX-N-6	09/23/2013	6	<0.85	50.1	12.7	67.1	42.6
9378-EX-S-6	09/23/2013	6	<0.86	60	10.6	62.5	35.3
9378-SP1(A-D) COMP	09/23/2013	soil pile	<0.83	47	2.8	62.9	50.7
9378-SP2(A-D) COMP	09/23/2013	soil pile	<0.83	39.7	20.8	29.7	41.8
9378-REMOTE Fill	10/03/2013	NA	<0.83	35.5	3.3	22.3	18.5
9378-EX-N-13	10/16/2013	13	<0.92	75	7.5	69.7	70.5
9378-EX-S-13	10/16/2013	13	<0.86	79.6	8.3	73.4	69.9
Tier 1 ESL Values	Feb. 2016		39	a	80	86	23000

Notes: Results in milligrams per kilogram—mg/Kg

NA – Not Available; No depth provided in UST removal report for remote fill sample

a – no ESL available for total Chromium in soil – observed concentrations appear to be within reported range in literature of background soil concentrations for Bay Area soils

Tier 1 ESL Values – Environmental Screening Levels, San Francisco Bay Regional Water Quality Control Board, February 2016 (Rev. 3)



## Laboratory Analysis Results of Environmental Sampling

Mercedes Benz of Oakland, 340-29<sup>th</sup> Street, Oakland, CA 94607

**TABLE 3**  
**Water Sample Results for Petroleum Hydrocarbons & MTBE**  
 Results in µg/L

Field Point ID	Sampling Date	Depth in Feet	Gasoline C6–C10	Diesel C10–C28	Motor Oil C28–C40	Benzene	Toluene	Ethyl Benzene	Xylenes	Naphthalene	MTBE
9378-GW-7	09/23/2013	7	<b>209 a</b>	<b>10900</b>	<b>9830</b>	<b>2</b>	0.4	0.29	2.6	<b>2.5</b>	1.2
9378-OW-6	09/23/2013	6	<b>214 a</b>	<b>12300</b>	<b>6620</b>	<b>2.5</b>	ND (0.4)	ND (0.4)	1.2	<b>ND (1.0)</b>	1.2
9378-GW-11.5	10/16/2013	11.5	<b>116 b</b>	<b>1860</b>	<b>374</b>	0.26	ND (0.2)	ND (0.2)	1.5	<b>0.9</b>	0.6
B1-GW	06/27/2017	10.95	<b>2860 c</b>	<b>1040 x</b>	<b>903</b>	<b>4.8</b>	2.4	ND (0.82)	ND (1.7)	<b>ND (5.1)</b>	<b>13</b>
B2-GW	06/27/2017	10.5	67.6 c	<b>104 x</b>	ND (0.11)	ND (0.16)	ND (0.14)	ND (0.20)	ND (0.39)	<b>ND (1.2)</b>	ND (0.077)
B3-GW	06/27/2017	10.93	<b>3900 c</b>	<b>1090 x</b>	<b>809</b>	<b>15</b>	ND (0.66)	ND (0.82)	ND (1.7)	<b>ND (5.1)</b>	<b>7.2</b>
B4-GW	06/27/2017	11.35	<b>5590 c</b>	<b>4640 x</b>	<b>8880</b>	<b>12</b>	ND (1.5)	ND (2.0)	ND (4.1)	<b>ND (13)</b>	ND (0.81)
B6-GW	06/27/2017	14.7	<b>122 c</b>	NA	NA	ND (0.16)	ND (0.14)	ND (0.20)	ND (0.39)	<b>ND (1.2)</b>	ND (0.077)
2901 Basement	06/27/2017	surface	ND (29)	<b>122 x</b>	ND (0.11)	ND (0.16)	ND (0.14)	ND (0.20)	ND (0.39)	<b>ND (1.2)</b>	ND (0.077)
Tier 1 ESL Values	Feb. 2016		100	100	100	1	40	13	20	0.17	5

Notes: Results in micrograms per liter–µg/L

ND – Not detected above MDL (Method Detection Limit)

NA – Not Analyzed due to insufficient water recovery in borehole

MTBE – Methyl Tert Butyl Ether

a – atypical pattern; value primarily due to a single peak(s)

b – Atypical pattern; heavier hydrocarbons contributing to quantitation

c – Does not match pattern of reference Gasoline standard. Reported TPH value due to discrete peak and non-target heavy hydrocarbons within range of C5-C12 quantified as gasoline

x – Chromatographic pattern does not resemble typical diesel reference standard; unknown organics within diesel range slightly heavier than diesel and presence of discrete peaks within diesel quantified range

Tier 1 ESL Values – Environmental Screening Levels, San Francisco Bay Regional Water Quality Control Board, February 2016 (Rev. 3)

Comm/Industrial ESL – Commercial/Industrial: Vapor Intrusion – Shallow Groundwater; Environmental Screening Levels, San Francisco Bay Regional Water Quality Control Board, February 2016 (Rev. 3)

### Laboratory Analysis Results of Environmental Sampling

Mercedes Benz of Oakland, 340-29<sup>th</sup> Street, Oakland, CA 94607

**TABLE 4**  
**Water Sample Results for Volatile Organic Compounds (VOC)**  
 Results in µg/L

Field Point ID	Sampling Date	Depth in Feet	Chloro benzene	Isopropyl benzene	n-Propyl benzene	TBA	Styrene	Chloroform	PCE	TCE	Cis-1,2-DCE	Vinyl Chloride	1,2-Dichloro ethane	1,2-Dichloro propane
9378-GW-7	09/23/2013	7	<b>74.7</b>	0.22	0.66	6.1	ND (0.20)	ND (0.20)	ND (0.30)	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20)
9378-OW-6	09/23/2013	6	<b>95</b>	ND (0.40)	ND (0.40)	ND (0.40)	ND (0.40)	ND (0.40)	ND (0.60)	ND (0.40)	ND (0.40)	ND (0.40)	ND (0.40)	ND (0.40)
9378-GW-11.5	10/16/2013	11.5	<b>35.2</b>	0.24	1	7.2	ND (0.20)	ND (0.20)	ND (0.30)	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20)
B1-GW	06/27/2017	10.95	<b>2700</b>	ND (0.91)	2.5	ND (31)	3.2	ND (0.51)	ND (1.0)	ND (0.61)	ND (0.63)	ND (0.87)	ND (0.46)	ND (0.37)
B2-GW	06/27/2017	10.5	6.3	ND (0.22)	ND (0.30)	ND (7.4)	ND (0.11)	0.61	ND (0.24)	ND (0.15)	ND (0.15)	ND (0.21)	ND (0.11)	ND (0.089)
B3-GW	06/27/2017	10.93	<b>3600</b>	ND (0.91)	ND (1.2)	ND (31)	ND (0.46)	ND (0.51)	ND (1.0)	ND (0.61)	<b>7.8</b>	ND (0.87)	<b>3.2</b>	<b>8.1</b>
B4-GW	06/27/2017	11.35	<b>4900</b>	ND (2.3)	ND (3.1)	ND (77)	ND (1.1)	ND (1.3)	ND (2.5)	ND (1.5)	ND (1.6)	ND (2.2)	ND (1.1)	ND (0.93)
B6-GW	06/27/2017	14.7	<b>60</b>	ND (0.22)	ND (0.30)	ND (7.4)	ND (0.11)	ND (0.12)	ND (0.24)	ND (0.15)	ND (0.15)	ND (0.21)	<b>0.96</b>	ND (0.089)
2901 Basement	06/27/2017	standing water	ND (0.16)	ND (0.22)	ND (0.30)	ND (7.4)	ND (0.11)	ND (0.12)	ND (0.24)	ND (0.15)	ND (0.15)	ND (0.21)	ND (0.11)	ND (0.089)
Tier 1 ESL	Feb. 2016		25	No ESL	No ESL	12	10	2.3	3	5	6	0.061	0.5	5

Notes: Results in micrograms per liter–µg/L

DCE – Dichloroethylene

TCE – Trichloroethylene

PCE – Tetrachloroethylene

MTBE – Methyl Tert Butyl Ether

TBA – Tert-Butyl Alcohol or tert-Butanol

ND – Not detected above MDL (Method Detection Limit)

Tier 1 ESL Values – Environmental Screening Levels, San Francisco Bay Regional Water Quality Control Board, February 2016 (Rev. 3)



**Site Investigation Report  
Mercedes-Benz of Oakland  
340 29<sup>th</sup> Street, Oakland, California**

APN 9-701-9  
Alameda County LOP Case No. RO0003220  
Geotracker Global ID T10000009111

**APPENDIX B**

**CERTIFIED LABORATORY ANALYTICAL REPORTS**

Torrent Laboratory, Inc. Work Order No.: 1706232 July 10, 2017  
Torrent Laboratory, Inc. Work Order No.: 1706233 July 10, 2017  
Torrent Laboratory, Inc. Work Order No.: 1706234 July 10, 2017

**Wheeler Group Environmental, LLC**  
369-B Third Street, Suite #221, San Rafael, CA 94901  
Phone: 415-686-8846  
Project no. 2016102



Brent A. Wheeler  
Wheeler Group Environmental, LLC  
369-B Third Street, Suite #221  
San Rafael, California 94901  
Tel: P: 415-686-8846  
RE: 340 29th Street, Oakland, CA

Work Order No.: 1706232

Dear Brent Wheeler:

Torrent Laboratory, Inc. received 1 sample(s) on June 28, 2017 for the analyses presented in the following Report.

All data for associated QC met EPA or laboratory specification(s) except where noted in the case narrative.

Torrent Laboratory, Inc. is certified by the State of California, ELAP #1991. If you have any questions regarding these test results, please feel free to contact the Project Management Team at (408)263-5258; ext 204.

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Patti L Sandrock  
QA Officer

July 10, 2017

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Date



**Date:** 7/10/2017

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**Client:** Wheeler Group Environmental, LLC

**Project:** 340 29th Street, Oakland, CA

**Work Order:** 1706232

### **CASE NARRATIVE**

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No issues encountered with the receiving, preparation, analysis or reporting of the results associated with this work order.

Unless otherwise indicated in the following narrative, no results have been method and/or field blank corrected.

Reported results relate only to the items/samples tested by the laboratory.

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



### Sample Result Summary

Report prepared for: Brent Wheeler  
Wheeler Group Environmental, LLC

Date Received: 06/28/17

Date Reported: 07/10/17

B4-SG-6.5

1706232-001

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results ug/m3</u>
MTBE	TO-17	1	0.27	5.0	0.33
1,1-Dichloropropene	TO-17	1	1.3	5.0	2.4
Benzene	TO-17	1	0.85	5.0	3.2
Carbon Tetrachloride	TO-17	1	0.45	5.0	0.63
TAME	TO-17	1	0.18	5.0	0.53
Dibromomethane	TO-17	1	0.36	5.0	1.7
Bromodichloromethane	TO-17	1	0.30	5.0	0.71
Trichloroethylene	TO-17	1	0.29	5.0	0.52
cis-1,3-Dichloropropene	TO-17	1	0.17	5.0	0.74
trans-1,3-Dichloropropene	TO-17	1	0.20	5.0	0.79
1,1,2-Trichloroethane	TO-17	1	0.28	5.0	0.61
Toluene	TO-17	1	0.27	5.0	1.9
1,3-Dichloropropane	TO-17	1	0.21	5.0	0.78
Dibromochloromethane	TO-17	1	0.42	5.0	0.87
1,2-Dibromoethane	TO-17	1	0.39	5.0	0.90
Tetrachloroethylene	TO-17	1	0.33	5.0	0.89
1,1,1,2-Tetrachloroethane	TO-17	1	0.32	5.0	0.81
Ethyl Benzene	TO-17	1	0.29	5.0	1.0
m,p-Xylene	TO-17	1	0.56	5.0	1.1
Bromoform	TO-17	1	0.18	5.0	0.31
Styrene	TO-17	1	0.26	5.0	0.91
1,1,2,2-Tetrachloroethane	TO-17	1	0.23	5.0	0.45
o-Xylene	TO-17	1	0.25	5.0	0.53
1,2,3-Trichloropropane	TO-17	1	0.25	5.0	0.82
1,2,4-Trimethylbenzene	TO-17	1	0.34	5.0	2.4
1,3-Dichlorobenzene	TO-17	1	0.30	5.0	0.38
1,4-Dichlorobenzene	TO-17	1	0.35	5.0	0.64
1,2-Dichlorobenzene	TO-17	1	0.24	5.0	0.43
n-Butylbenzene	TO-17	1	0.33	5.0	2.3
1,2,4-Trichlorobenzene	TO-17	1	0.14	5.0	2.7
Naphthalene	TO-17	1	0.21	5.0	2.5
1,2,3-Trichlorobenzene	TO-17	1	0.11	5.0	2.5
Hexachlorobutadiene	TO-17	1	0.34	5.0	0.83
TPH-GRO	TO-17	1	4.1	25	75.0



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B4-SG-6.5	<b>Lab Sample ID:</b>	1706232-001A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Sorbent
<b>Project Number:</b>	Site Investigation Sampling	<b>Certified Clean WO # :</b>	
<b>Date/Time Sampled:</b>	06/27/17 / 13:35	<b>Received PSI :</b>	
<b>Canister/Tube ID:</b>		<b>Corrected PSI :</b>	
<b>Collection Volume (L):</b>			
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> TO17-P	<b>Prep Batch Date/Time:</b> 7/7/17 12:26:00AM
<b>Prep Batch ID:</b> 7984	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
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*The results shown below are reported using their MDL.*

1,1-Dichloroethene	TO-17	1.00	0.40	5.0	ND			07/07/17	21:55	BP	425239
Methylene Chloride	TO-17	1.00	1.8	5.0	ND			07/07/17	21:55	BP	425239
tert-Butanol	TO-17	1.00	2.2	13	ND			07/07/17	21:55	BP	425239
Freon 113	TO-17	1.00	1.8	5.0	ND			07/07/17	21:55	BP	425239
trans-1,2-Dichloroethene	TO-17	1.00	1.4	5.0	ND			07/07/17	21:55	BP	425239
1,1-Dichloroethane	TO-17	1.00	0.35	5.0	ND			07/07/17	21:55	BP	425239
MTBE	TO-17	1.00	0.27	5.0	0.33		J	07/07/17	21:55	BP	425239
cis-1,2-Dichloroethene	TO-17	1.00	0.33	5.0	ND			07/07/17	21:55	BP	425239
Bromochloromethane	TO-17	1.00	0.62	5.0	ND			07/07/17	21:55	BP	425239
Diisopropyl ether (DIPE)	TO-17	1.00	0.32	5.0	ND			07/07/17	21:55	BP	425239
Chloroform	TO-17	1.00	1.2	5.0	ND			07/07/17	21:55	BP	425239
2,2-Dichloropropane	TO-17	1.00	0.40	5.0	ND			07/07/17	21:55	BP	425239
ETBE	TO-17	1.00	0.25	5.0	ND			07/07/17	21:55	BP	425239
1,2-Dichloroethane	TO-17	1.00	1.5	5.0	ND			07/07/17	21:55	BP	425239
1,1,1-Trichloroethane	TO-17	1.00	0.49	5.0	ND			07/07/17	21:55	BP	425239
1,1-Dichloropropene	TO-17	1.00	1.3	5.0	2.4		J	07/07/17	21:55	BP	425239
Benzene	TO-17	1.00	0.85	5.0	3.2		J	07/07/17	21:55	BP	425239
Butane	TO-17	1.00	0.45	5.0	0.63		J	07/07/17	21:55	BP	425239
TAME	TO-17	1.00	0.18	5.0	0.53		J	07/07/17	21:55	BP	425239
Dibromomethane	TO-17	1.00	0.36	5.0	1.7		J	07/07/17	21:55	BP	425239
1,2-Dichloropropane	TO-17	1.00	0.17	5.0	ND			07/07/17	21:55	BP	425239
Bromodichloromethane	TO-17	1.00	0.30	5.0	0.71		J	07/07/17	21:55	BP	425239
Trichloroethylene	TO-17	1.00	0.29	5.0	0.52		J	07/07/17	21:55	BP	425239
cis-1,3-Dichloropropene	TO-17	1.00	0.17	5.0	0.74		J	07/07/17	21:55	BP	425239
trans-1,3-Dichloropropene	TO-17	1.00	0.20	5.0	0.79		J	07/07/17	21:55	BP	425239
1,1,2-Trichloroethane	TO-17	1.00	0.28	5.0	0.61		J	07/07/17	21:55	BP	425239
Toluene	TO-17	1.00	0.27	5.0	1.9		J	07/07/17	21:55	BP	425239
1,3-Dichloropropane	TO-17	1.00	0.21	5.0	0.78		J	07/07/17	21:55	BP	425239
Dibromochloromethane	TO-17	1.00	0.42	5.0	0.87		J	07/07/17	21:55	BP	425239
1,2-Dibromoethane	TO-17	1.00	0.39	5.0	0.90		J	07/07/17	21:55	BP	425239
Tetrachloroethylene	TO-17	1.00	0.33	5.0	0.89		J	07/07/17	21:55	BP	425239



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B4-SG-6.5	<b>Lab Sample ID:</b>	1706232-001A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Sorbent
<b>Project Number:</b>	Site Investigation Sampling	<b>Certified Clean WO # :</b>	
<b>Date/Time Sampled:</b>	06/27/17 / 13:35	<b>Received PSI :</b>	
<b>Canister/Tube ID:</b>		<b>Corrected PSI :</b>	
<b>Collection Volume (L):</b>			
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> TO17-P	<b>Prep Batch Date/Time:</b> 7/7/17 12:26:00AM
<b>Prep Batch ID:</b> 7984	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
1,1,1,2-Tetrachloroethane	TO-17	1.00	0.32	5.0	0.81		J	07/07/17	21:55	BP	425239
Chlorobenzene	TO-17	1.00	0.27	5.0	ND			07/07/17	21:55	BP	425239
Ethyl Benzene	TO-17	1.00	0.29	5.0	1.0		J	07/07/17	21:55	BP	425239
m,p-Xylene	TO-17	1.00	0.56	5.0	1.1		J	07/07/17	21:55	BP	425239
Bromoform	TO-17	1.00	0.18	5.0	0.31		J	07/07/17	21:55	BP	425239
Styrene	TO-17	1.00	0.26	5.0	0.91		J	07/07/17	21:55	BP	425239
1,1,2,2-Tetrachloroethane	TO-17	1.00	0.23	5.0	0.45		J	07/07/17	21:55	BP	425239
o-Xylene	TO-17	1.00	0.25	5.0	0.53		J	07/07/17	21:55	BP	425239
1,2,3-Trichloropropane	TO-17	1.00	0.25	5.0	0.82		J	07/07/17	21:55	BP	425239
Isopropyl Benzene	TO-17	1.00	0.31	5.0	ND			07/07/17	21:55	BP	425239
Bromobenzene	TO-17	1.00	0.48	5.0	ND			07/07/17	21:55	BP	425239
2-Chlorotoluene	TO-17	1.00	0.37	5.0	ND			07/07/17	21:55	BP	425239
n-Propylbenzene	TO-17	1.00	0.37	5.0	ND			07/07/17	21:55	BP	425239
4-Chlorotoluene	TO-17	1.00	0.37	5.0	ND			07/07/17	21:55	BP	425239
1,3,5-Trimethylbenzene	TO-17	1.00	0.34	5.0	ND			07/07/17	21:55	BP	425239
tert-Butylbenzene	TO-17	1.00	0.29	5.0	ND			07/07/17	21:55	BP	425239
1,2,4-Trimethylbenzene	TO-17	1.00	0.34	5.0	2.4		J	07/07/17	21:55	BP	425239
1,3-Dichlorobenzene	TO-17	1.00	0.30	5.0	0.38		J	07/07/17	21:55	BP	425239
1,4-Dichlorobenzene	TO-17	1.00	0.35	5.0	0.64		J	07/07/17	21:55	BP	425239
sec-Butylbenzene	TO-17	1.00	0.32	5.0	ND			07/07/17	21:55	BP	425239
p-Isopropyltoluene	TO-17	1.00	0.24	5.0	ND			07/07/17	21:55	BP	425239
1,2-Dichlorobenzene	TO-17	1.00	0.24	5.0	0.43		J	07/07/17	21:55	BP	425239
n-Butylbenzene	TO-17	1.00	0.33	5.0	2.3			07/07/17	21:55	BP	425239
1,2-Dibromo-3-Chloropropane	TO-17	1.00	0.42	5.0	ND			07/07/17	21:55	BP	425239
1,2,4-Trichlorobenzene	TO-17	1.00	0.14	5.0	2.7			07/07/17	21:55	BP	425239
Naphthalene	TO-17	1.00	0.21	5.0	2.5			07/07/17	21:55	BP	425239
1,2,3-Trichlorobenzene	TO-17	1.00	0.11	5.0	2.5			07/07/17	21:55	BP	425239
Hexachlorobutadiene	TO-17	1.00	0.34	5.0	0.83			07/07/17	21:55	BP	425239
(S) Dibromofluoromethane	TO-17	1.00	65	135	85 %			07/07/17	21:55	BP	425239
(S) Toluene-d8	TO-17	1.00	65	135	74 %			07/07/17	21:55	BP	425239
(S) 4-Bromofluorobenzene	TO-17	1.00	65	135	100 %			07/07/17	21:55	BP	425239





## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B4-SG-6.5	<b>Lab Sample ID:</b>	1706232-001A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Sorbent
<b>Project Number:</b>	Site Investigation Sampling	<b>Certified Clean WO # :</b>	
<b>Date/Time Sampled:</b>	06/27/17 / 13:35	<b>Received PSI :</b>	
<b>Canister/Tube ID:</b>		<b>Corrected PSI :</b>	
<b>Collection Volume (L):</b>			
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> TO17-GRO	<b>Prep Batch Date/Time:</b> 7/7/17 12:26:00AM
<b>Prep Batch ID:</b> 7985	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
TPH-GRO	TO-17	1.00	4.1	25	75.0		x	07/07/16	21:55	BP	425239
TPH-DRO	TO-17	1.00	4.1	25	ND			07/07/16	21:55	BP	425239

**NOTE:** x - Does not match pattern of reference Gasoline standard. Reported value is the result of non-gasoline compounds within range of C5-C12 quantified as Gasoline



## MB Summary Report

<b>Work Order:</b>	1706232	<b>Prep Method:</b>	TO17-P	<b>Prep Date:</b>	07/07/17	<b>Prep Batch:</b>	7984
<b>Matrix:</b>	Air	<b>Analytical Method:</b>	TO-17	<b>Analyzed Date:</b>	7/7/2017	<b>Analytical Batch:</b>	425239
<b>Units:</b>	ug/m3						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
1,1-Dichloroethene	0.79	10	ND		
Methylene Chloride	3.5	10	ND		
tert-Butanol	4.3	25	ND		
Freon 113	3.6	10	ND		
trans-1,2-Dichloroethene	2.9	10	ND		
1,1-Dichloroethane	0.69	10	ND		
MTBE	0.54	10	ND		
cis-1,2-Dichloroethene	0.66	10	ND		
Bromochloromethane	1.2	10	ND		
Diisopropyl ether (DIPE)	0.64	10	ND		
Chloroform	2.3	10	ND		
2,2-Dichloropropane	0.80	10	ND		
ETBE	0.49	10	ND		
1,2-Dichloroethane	2.9	10	ND		
1,1,1-Trichloroethane	0.97	10	ND		
1,1-Dichloropropene	2.5	10	ND		
Benzene	1.7	10	4.2		
Butane	0.89	10	ND		
TAME	0.37	10	1.0		
Dibromomethane	0.72	10	ND		
1,2-Dichloropropane	0.35	10	ND		
Bromodichloromethane	0.60	10	1.4		
Trichloroethylene	0.58	10	1.1		
cis-1,3-Dichloropropene	0.34	10	1.5		
trans-1,3-Dichloropropene	0.39	10	ND		
1,1,2-Trichloroethane	0.57	10	1.2		
Toluene	0.54	10	2.2		
1,3-Dichloropropane	0.41	10	1.6		
Dibromochloromethane	0.83	10	1.7		
1,2-Dibromoethane	0.77	10	1.8		
Tetrachloroethylene	0.67	10	1.7		
1,1,1,2-Tetrachloroethane	0.64	10	ND		
Chlorobenzene	0.55	10	ND		
Ethyl Benzene	0.58	10	1.9		
m,p-Xylene	1.1	10	1.2		
Bromoform	0.36	10	ND		
Styrene	0.53	10	1.5		
1,1,2,2-Tetrachloroethane	0.47	10	0.88		
o-Xylene	0.49	10	0.54		
1,2,3-Trichloropropane	0.49	10	1.6		
Isopropyl Benzene	0.63	10	ND		
Bromobenzene	0.96	10	ND		



### MB Summary Report

<b>Work Order:</b>	1706232	<b>Prep Method:</b>	TO17-P	<b>Prep Date:</b>	07/07/17	<b>Prep Batch:</b>	7984
<b>Matrix:</b>	Air	<b>Analytical Method:</b>	TO-17	<b>Analyzed Date:</b>	7/7/2017	<b>Analytical Batch:</b>	425239
<b>Units:</b>	ug/m3						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
2-Chlorotoluene	0.73	10	ND	
n-Propylbenzene	0.75	10	ND	
4-Chlorotoluene	0.75	10	ND	
1,3,5-Trimethylbenzene	0.69	10	ND	
tert-Butylbenzene	0.57	10	ND	
1,2,4-Trimethylbenzene	0.68	10	ND	
1,3-Dichlorobenzene	0.60	10	ND	
1,4-Dichlorobenzene	0.69	10	ND	
sec-Butylbenzene	0.64	10	ND	
p-Isopropyltoluene	0.48	10	ND	
1,2-Dichlorobenzene	0.48	10	ND	
n-Butylbenzene	0.66	10	4.7	
1,2-Dibromo-3-Chloropropane	0.84	10	ND	
1,2,4-Trichlorobenzene	0.28	10	5.3	
Naphthalene	0.43	10	5.1	
1,2,3-Trichlorobenzene	0.22	10	5.0	
Hexachlorobutadiene	0.68	10	1.7	
(S) Dibromofluoromethane			75.5	
(S) Toluene-d8			69.9	
(S) 4-Bromofluorobenzene			123	

<b>Work Order:</b>	1706232	<b>Prep Method:</b>	TO17-GRO	<b>Prep Date:</b>	07/07/17	<b>Prep Batch:</b>	7985
<b>Matrix:</b>	Air	<b>Analytical Method:</b>	TO-17	<b>Analyzed Date:</b>	7/7/2017	<b>Analytical Batch:</b>	425239
<b>Units:</b>	ug/m3						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH-GRO	8.1	50	53.0	
TPH-DRO	8.1	50	ND	



## LCS/LCSD Summary Report

*Raw values are used in quality control assessment.*

<b>Work Order:</b> 1706232	<b>Prep Method:</b> TO17-P	<b>Prep Date:</b> 07/07/17	<b>Prep Batch:</b> 7984
<b>Matrix:</b> Air	<b>Analytical Method:</b> TO-17	<b>Analyzed Date:</b> 7/7/2017	<b>Analytical Batch:</b> 425239
<b>Units:</b> ug/m3			

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	0.69	10	ND	40.0	90.3	68.2	27.8	65 - 135	30	
Benzene	1.7	10	ND	40.0	115	122	5.92	65 - 135	30	
Trichloroethylene	0.58	10	ND	40.0	88.5	84.8	4.33	65 - 135	30	
Toluene	0.54	10	ND	40.0	98.2	91.7	6.84	65 - 135	30	
Chlorobenzene	0.55	10	ND	40.0	104	90.5	14.1	65 - 135	30	
(S) Dibromofluoromethane				50.0	88.7	88.7		65 - 135		
(S) Toluene-d8				50.0	79.0	70.8		65 - 135		
(S) 4-Bromofluorobenzene				50.0	82.4	94.7		65 - 135		
Butane			ND					-		

<b>Work Order:</b> 1706232	<b>Prep Method:</b> TO17-GRO	<b>Prep Date:</b> 07/07/17	<b>Prep Batch:</b> 7985
<b>Matrix:</b> Air	<b>Analytical Method:</b> TO-17	<b>Analyzed Date:</b> 7/8/2017	<b>Analytical Batch:</b> 425239
<b>Units:</b> ug/m3			

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH-GRO	8.1	100	53.0	5000	107	82.0	26.6	65 - 135	30	



## Laboratory Qualifiers and Definitions

### DEFINITIONS:

<b>Accuracy/Bias (% Recovery)</b> - The closeness of agreement between an observed value and an accepted reference value.
<b>Blank (Method/Preparation Blank)</b> -MB/PB - An analyte-free matrix to which all reagents are added in the same volumes/proportions as used in sample processing. The method blank is used to document contamination resulting from the analytical process.
<b>Duplicate</b> - a field sample and/or laboratory QC sample prepared in duplicate following all of the same processes and procedures used on the original sample (sample duplicate, LCSD, MSD)
<b>Laboratory Control Sample (LCS ad LCSD)</b> - A known matrix spiked with compounds representative of the target analyte(s). This is used to document laboratory performance.
<b>Matrix</b> - the component or substrate that contains the analyte of interest (e.g., - groundwater, sediment, soil, waste water, etc)
<b>Matrix Spike (MS/MSD)</b> - Client sample spiked with identical concentrations of target analyte (s). The spiking occurs prior to the sample preparation and analysis. They are used to document the precision and bias of a method in a given sample matrix.
<b>Method Detection Limit (MDL)</b> - the minimum concentration of a substance that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero
<b>Practical Quantitation Limit/Reporting Limit/Limit of Quantitation (PQL/RL/LOQ)</b> - a laboratory determined value at 2 to 5 times above the MDL that can be reproduced in a manner that results in a 99% confidence level that the result is both accurate and precise. PQLs/RLs/LODs reflect all preparation factors and/or dilution factors that have been applied to the sample during the preparation and/or analytical processes.
<b>Precision (%RPD)</b> - The agreement among a set of replicate/duplicate measurements without regard to known value of the replicates
<b>Surrogate (S) or (Surr)</b> - An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. Surrogates are used in most organic analysis to demonstrate matrix compatibility with the chosen method of analysis
<b>Tentatively Identified Compound (TIC)</b> - A compound not contained within the analytical calibration standards but present in the GCMS library of defined compounds. When the library is searched for an unknown compound, it can frequently give a tentative identification to the compound based on retention time and primary and secondary ion match. TICs are reported as estimates and are candidates for further investigation.
<b>Units:</b> the unit of measure used to express the reported result - <b>mg/L</b> and <b>mg/Kg</b> (equivalent to PPM - parts per million in <b>liquid</b> and <b>solid</b> ), <b>ug/L</b> and <b>ug/Kg</b> (equivalent to PPB - parts per billion in <b>liquid</b> and <b>solid</b> ), <b>ug/m3</b> , <b>mg/m3</b> , <b>ppbv</b> and <b>ppmv</b> (all units of measure for reporting concentrations in air), % (equivalent to 10000 ppm or 1,000,000 ppb), <b>ug/Wipe</b> (concentration found on the surface of a single Wipe usually taken over a 100cm <sup>2</sup> surface)

### LABORATORY QUALIFIERS:

<p><b>B</b> - Indicates when the analyte is found in the associated method or preparation blank</p> <p><b>D</b> - Surrogate is not recoverable due to the necessary dilution of the sample</p> <p><b>E</b> - Indicates the reportable value is outside of the calibration range of the instrument but within the linear range of the instrument (unless otherwise noted) Values reported with an E qualifier should be considered as estimated.</p> <p><b>H</b>- Indicates that the recommended holding time for the analyte or compound has been exceeded</p> <p><b>J</b>- Indicates a value between the method MDL and PQL and that the reported concentration should be considered as estimated rather the quantitative</p> <p><b>NA</b> - Not Analyzed</p> <p><b>N/A</b> - Not Applicable</p> <p><b>ND</b> - Not Detected at a concentration greater than the PQL/RL or, if reported to the MDL, at greater than the MDL.</p> <p><b>NR</b> - Not recoverable - a matrix spike concentration is not recoverable due to a concentration within the original sample that is greater than four times the spike concentration added</p> <p><b>R</b>- The % RPD between a duplicate set of samples is outside of the absolute values established by laboratory control charts</p> <p><b>S</b>- Spike recovery is outside of established method and/or laboratory control limits. Further explanation of the use of this qualifier should be included within a case narrative</p> <p><b>X</b> -Used to indicate that a value based on pattern identification is within the pattern range but not typical of the pattern found in standards. Further explanation may or may not be provided within the sample footnote and/or the case narrative.</p>
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## Sample Receipt Checklist

Client Name: Wheeler Group Environmental, LLC

Date and Time Received: 6/28/2017 5:30:00PM

Project Name: 340 29th Street, Oakland, CA

Received By: Helena Ueng

Work Order No.: 1706232

Physically Logged By: Helena Ueng

Checklist Completed By:

Carrier Name: First Courier

### Chain of Custody (COC) Information

Chain of custody present? Yes  
Chain of custody signed when relinquished and received? Yes  
Chain of custody agrees with sample labels? Yes  
Custody seals intact on sample bottles? Not Present

### Sample Receipt Information

Custody seals intact on shipping container/cooler? Not Present  
Shipping Container/Cooler In Good Condition? Yes  
Samples in proper container/bottle? Yes  
Samples containers intact? Yes  
Sufficient sample volume for indicated test? Yes

### Sample Preservation and Hold Time (HT) Information

All samples received within holding time? Yes  
Container/Temp Blank temperature in compliance? Yes      Temperature: 16.0 °C  
Water-VOA vials have zero headspace? No VOA vials submitted  
Water-pH acceptable upon receipt? N/A  
pH Checked by: N/A      pH Adjusted by: N/A

### Comments:



### Login Summary Report

**Client ID:** TL6291 Wheeler Group Environmental, LLC  
**Project Name:** 340 29th Street, Oakland, CA  
**Project # :** Site Investigation Sampling  
**Report Due Date:** 7/7/2017

**QC Level:** II  
**TAT Requested:** 5+ day:5  
**Date Received:** 6/28/2017  
**Time Received:** 5:30 pm

**Comments:**

**Work Order # :** 1706232

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<u>WO Sample ID</u>	<u>Client Sample ID</u>	<u>Collection Date/Time</u>	<u>Matrix</u>	<u>Scheduled Disposal</u>	<u>Sample On Hold</u>	<u>Test On Hold</u>	<u>Requested Tests</u>	<u>Subbed</u>
1706232-001A	B4-SG-6.5	06/27/17 13:35	Air				VOC_A_TO17 VOC_A_TO17GRO DRO	

**Sample Note:** TO17- VOCs, TPH-G, TPH-D



483 Sinclair Frontage Road  
 Milpitas, CA 95035  
 Phone: 408.263.5258  
 FAX: 408.263.8293  
 www.torrentlab.com

RESET

## CHAIN OF CUSTODY

LAB WORK ORDER NO

1706232

\* NOTE: SHADED AREAS ARE FOR TORRENT LAB USE ONLY \*

Company Name: <b>Wheeler Group Environmental, LLC</b>			Location of Sampling: 340 29th Street, Oakland, CA		
Address: 369-B Third Street, Suite #221			Purpose: Site Investigation Sampling		
City: San Rafael	State: CA	Zip Code: 94901	Special Instructions / Comments: PT=PlasticTube; SG=Soil Gas; TD = Thermal Desorption		
Telephone: 415-686-8846 FAX:			MO=Motor Oil; Global ID No: T1000009111; See Remarks for Field Point Name (FPN)		
REPORT TO: Brent Wheeler		SAMPLER: Brent Wheeler	P.O. #: WGE 2016102	EMAIL: bwheeler@wheelergroupenvironmental.com	

**TURNAROUND TIME:**

- 10 Work Days    3 Work Days    Noon - Nxt Day  
 7 Work Days    2 Work Days    2 - 8 Hours  
 5 Work Days    1 Work Day    Other

**SAMPLE TYPE:**

- Storm Water    Air  
 Waste Water    Other  
 Ground Water  
 Soil

**REPORT FORMAT:**

- QC Level IV  
 EDF  
 Excel / EDD

TPH-Diesel (8015)	TPH-MO (8015M)	TPH-Gas (8260B)	VOCs - Full List	PAHs (8270C)	Hold	TPH-D/MO (TO17)	TPH-G (TO17)	VOCs -Full (TO17)
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ANALYSIS REQUESTED

LAB ID	CLIENT'S SAMPLE I.D.	DATE / TIME SAMPLED	MATRIX	# OF CONT	CONT TYPE	TPH-Diesel (8015)	TPH-MO (8015M)	TPH-Gas (8260B)	VOCs - Full List	PAHs (8270C)	Hold	TPH-D/MO (TO17)	TPH-G (TO17)	VOCs -Full (TO17)	REMARKS
011A	B8-12	6-27-17 / 0945	Soil	1	PT	✓	✓	✓	✓	✓					FPN: B8
012A	B8-15	6-27-17 / 0955	Soil	1	PT	✓	✓	✓	✓	✓					FPN: B8
013A	B1-GW	6-27-17 / 1040	GW	4	Varies	✓	✓	✓	✓						FPN: B1
014A	B2-GW	6-27-17 / 1050	GW	4	Varies	✓	✓	✓	✓						FPN: B2
015A	B3-GW	6-27-17 / 1110	GW	4	Varies	✓	✓	✓	✓						FPN: B3
016A	B4-GW	6-27-17 / 1135	GW	4	Varies	✓	✓	✓	✓						FPN: B4
017A	B6-GW	6-27-17 / 1120	GW	2	VOA			✓	✓						FPN: B6
018A	2901 Basement	6-27-17 / 1415	AQ	4	Varies	✓	✓	✓	✓						FPN: 2901BSMNT
001A	B4-SG-6.5	6-27-17 / 1335	SG	2	TD							✓	✓	✓	FPN: B4 SORBENT TUBES - Temp = 16°C #1

1 Relinquished By: <u>Brent Wheeler</u> Print: <u>Brent Wheeler</u> Date: <u>6-28-17</u> Time: <u>1:55</u>	Received By: <u>Marty Cerna</u> Print: <u>Marty Cerna</u> Date: <u>6/28/17</u> Time: <u>2:55</u>
2 Relinquished By: <u>Marty Cerna</u> Print: <u>Marty Cerna</u> Date: <u>6/28/17</u> Time: <u>5:30</u>	Received By: <u>Heleny Hleny</u> Print: <u>Heleny Hleny</u> Date: <u>6/28/17</u> Time: <u>17:30</u>

Were Samples Received in Good Condition?  Yes  NO Samples on Ice?  Yes  NO Method of Shipment FCS Sample seals intact?  Yes  NO  N/A

NOTE: Samples are discarded by the laboratory 30 days from date of receipt unless other arrangements are made. Page 4 of 4

Log In By: \_\_\_\_\_ Date: \_\_\_\_\_ Log In Reviewed By: \_\_\_\_\_ Date: Temp = 5°C #1





Brent A. Wheeler  
Wheeler Group Environmental, LLC  
369-B Third Street, Suite #221  
San Rafael, California 94901  
Tel: P: 415-686-8846  
RE: 340 29th Street, Oakland, CA

Work Order No.: 1706233

Dear Brent Wheeler:

Torrent Laboratory, Inc. received 20 sample(s) on June 28, 2017 for the analyses presented in the following Report.

As requested on the Chain of Custody, five samples were placed on hold.

All data for associated QC met EPA or laboratory specification(s) except where noted in the case narrative.

Torrent Laboratory, Inc. is certified by the State of California, ELAP #1991. If you have any questions regarding these test results, please feel free to contact the Project Management Team at (408)263-5258; ext 204.

---

Belinda Vega  
Vice President of Operations

July 10, 2017

---

Date



**Date:** 7/10/2017

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**Client:** Wheeler Group Environmental, LLC

**Project:** 340 29th Street, Oakland, CA

**Work Order:** 1706233

### **CASE NARRATIVE**

---

No issues encountered with the receiving, preparation, analysis or reporting of the results associated with this work order.

Unless otherwise indicated in the following narrative, no results have been method and/or field blank corrected.

Reported results relate only to the items/samples tested by the laboratory.

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

Analytical Comments for method 8260B, 1706233-007A MS/MSD, QC Analytical Preparation ID 7974, Note: The % recoveries for Chlorobenzene are outside of laboratory control limits but % RPD is within limits. The associated LCS/LCSD is within both % Recovery and %RPD limits. No corrective action required.



## Sample Result Summary

Report prepared for: Brent Wheeler  
Wheeler Group Environmental, LLC

Date Received: 06/28/17

Date Reported: 07/10/17

B1-5

1706233-001

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
<b>All compounds were non-detectable for this sample.</b>						

B1-8

1706233-003

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
TPH(Gasoline)	8260TPH	5	220	500	3660	ug/Kg
TPH as Diesel	SW8015B	5	4.3	10	58.1	mg/Kg
TPH as Motor Oil	SW8015B	5	16	50	512	mg/Kg
Chlorobenzene	SW8260B	5	9.1	50	614	ug/Kg

B1-10

1706233-004

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
TPH(Gasoline)	8260TPH	5	220	500	1510	ug/Kg
TPH as Diesel	SW8015B	5	4.3	10	53.3	mg/Kg
TPH as Motor Oil	SW8015B	5	16	50	406	mg/Kg
Chlorobenzene	SW8260B	5	9.1	50	103	ug/Kg

B1-15

1706233-005

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Chlorobenzene	SW8260B	1	1.8	10	35.6	ug/Kg

B2-5

1706233-006

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
<b>All compounds were non-detectable for this sample.</b>						

B2-10

1706233-007

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Chlorobenzene	SW8260B	1	1.8	10	36.9	ug/Kg

B2-15

1706233-008

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Chlorobenzene	SW8260B	1	1.8	10	28.7	ug/Kg

B3-5

1706233-010

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
TPH as Diesel	SW8015B	1	0.85	2.0	2.43	mg/Kg



## Sample Result Summary

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date Received:** 06/28/17

**Date Reported:** 07/10/17

**B3-10**

1706233-011

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Chlorobenzene	SW8260B	1	1.8	10	16.8	ug/Kg

**B3-11**

1706233-012

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Chlorobenzene	SW8260B	1	1.8	10	40.9	ug/Kg

**B3-13**

1706233-013

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
TPH(Gasoline)	8260TPH	1	43	100	428	ug/Kg
TPH as Diesel	SW8015B	1	0.85	2.0	2.45	mg/Kg
Chlorobenzene	SW8260B	1	1.8	10	76.1	ug/Kg

**B4-3**

1706233-015

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
TPH(Gasoline)	8260TPH	5	220	500	8880	ug/Kg
TPH as Diesel	SW8015B	10	8.5	20	154	mg/Kg
TPH as Motor Oil	SW8015B	10	32	100	1040	mg/Kg
Chlorobenzene	SW8260B	1	1.8	10	212	ug/Kg
sec-Butyl Benzene	SW8260B	1	1.6	10	12.1	ug/Kg

**B4-8.5**

1706233-017

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
TPH(Gasoline)	8260TPH	1	43	100	252	ug/Kg
TPH as Diesel	SW8015B	1	0.85	2.0	4.08	mg/Kg
TPH as Motor Oil	SW8015B	1	3.2	10	24.8	mg/Kg
Chlorobenzene	SW8260B	1	1.8	10	148	ug/Kg

**B4-10**

1706233-018

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
TPH(Gasoline)	8260TPH	1	43	100	209	ug/Kg
TPH as Diesel	SW8015B	3	2.6	6.0	24.7	mg/Kg
TPH as Motor Oil	SW8015B	3	9.5	30	180	mg/Kg
Chlorobenzene	SW8260B	1	1.8	10	171	ug/Kg



### Sample Result Summary

Report prepared for: Brent Wheeler  
Wheeler Group Environmental, LLC

Date Received: 06/28/17  
Date Reported: 07/10/17  
1706233-019

B4-15

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<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
TPH as Diesel	SW8015B	1	0.85	2.0	7.32	mg/Kg
TPH as Motor Oil	SW8015B	1	3.2	10	38.7	mg/Kg



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B1-5	<b>Lab Sample ID:</b>	1706233-001A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 10:45		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 3546-PAH	<b>Prep Batch Date/Time:</b> 7/5/17	6:03:00PM
<b>Prep Batch ID:</b> 7880	<b>Prep Analyst:</b> LIMBAT	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Naphthalene	SW8270C	1	11	200	ND		ug/Kg	07/05/17	23:57	MT	425153
2-Methylnaphthalene	SW8270C	1	10	200	ND		ug/Kg	07/05/17	23:57	MT	425153
1-Methylnaphthalene	SW8270C	1	12	200	ND		ug/Kg	07/05/17	23:57	MT	425153
Acenaphthylene	SW8270C	1	8.3	200	ND		ug/Kg	07/05/17	23:57	MT	425153
Acenaphthene	SW8270C	1	11	200	ND		ug/Kg	07/05/17	23:57	MT	425153
Fluorene	SW8270C	1	10	200	ND		ug/Kg	07/05/17	23:57	MT	425153
Phenanthrene	SW8270C	1	9.3	200	ND		ug/Kg	07/05/17	23:57	MT	425153
Anthracene	SW8270C	1	8.9	200	ND		ug/Kg	07/05/17	23:57	MT	425153
Fluoranthene	SW8270C	1	10	200	ND		ug/Kg	07/05/17	23:57	MT	425153
Pyrene	SW8270C	1	12	200	ND		ug/Kg	07/05/17	23:57	MT	425153
Benz[a]anthracene	SW8270C	1	9.8	200	ND		ug/Kg	07/05/17	23:57	MT	425153
Chrysene	SW8270C	1	15	200	ND		ug/Kg	07/05/17	23:57	MT	425153
Benzo[b]fluoranthene	SW8270C	1	12	200	ND		ug/Kg	07/05/17	23:57	MT	425153
Benzo[k]fluoranthene	SW8270C	1	8.1	200	ND		ug/Kg	07/05/17	23:57	MT	425153
Benzo[a]pyrene	SW8270C	1	9.8	200	ND		ug/Kg	07/05/17	23:57	MT	425153
Indeno[1,2,3-cd]pyrene	SW8270C	1	14	200	ND		ug/Kg	07/05/17	23:57	MT	425153
Dibenz[a,h]anthracene	SW8270C	1	13	200	ND		ug/Kg	07/05/17	23:57	MT	425153
Benzo[g,h,i]perylene	SW8270C	1	17	200	ND		ug/Kg	07/05/17	23:57	MT	425153
Acceptance Limits											
Nitrobenzene-d5 (S)	SW8270C		23 - 120		<b>71.6</b>		%	07/05/17	23:57	MT	425153
2-Fluorobiphenyl (S)	SW8270C		30 - 115		<b>81.1</b>		%	07/05/17	23:57	MT	425153
p-Terphenyl-d14 (S)	SW8270C		18 - 137		<b>82.5</b>		%	07/05/17	23:57	MT	425153



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B1-5	<b>Lab Sample ID:</b>	1706233-001A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 10:45		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 3546_TPH	<b>Prep Batch Date/Time:</b> 7/6/17	10:58:00AM
<b>Prep Batch ID:</b> 7897	<b>Prep Analyst:</b> LIMBAT	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.85	2.0	ND		mg/Kg	07/06/17	17:07	mk	425184
TPH as Motor Oil	SW8015B	1	3.2	10	ND		mg/Kg	07/06/17	17:07	mk	425184
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		<b>76.2</b>		%	07/06/17	17:07	mk	425184



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B1-5	<b>Lab Sample ID:</b>	1706233-001A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 10:45		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 7/7/17 1:12:00PM
<b>Prep Batch ID:</b> 7974	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	10	ND		ug/Kg	07/07/17	21:20	BP	425233
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	21:20	BP	425233
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	07/07/17	21:20	BP	425233
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	07/07/17	21:20	BP	425233
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	07/07/17	21:20	BP	425233
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	07/07/17	21:20	BP	425233
1,1-Dichloroethane	SW8260B	1	2.0	10	ND		ug/Kg	07/07/17	21:20	BP	425233
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	21:20	BP	425233
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	07/07/17	21:20	BP	425233
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	07/07/17	21:20	BP	425233
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	21:20	BP	425233
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	07/07/17	21:20	BP	425233
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	21:20	BP	425233
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	07/07/17	21:20	BP	425233
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	21:20	BP	425233
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	07/07/17	21:20	BP	425233
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	21:20	BP	425233
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	21:20	BP	425233
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	07/07/17	21:20	BP	425233
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	07/07/17	21:20	BP	425233
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	07/07/17	21:20	BP	425233
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	07/07/17	21:20	BP	425233
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	07/07/17	21:20	BP	425233
TAME	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	21:20	BP	425233
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	21:20	BP	425233
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	21:20	BP	425233
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	21:20	BP	425233
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	21:20	BP	425233
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	07/07/17	21:20	BP	425233
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	21:20	BP	425233
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	21:20	BP	425233
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	21:20	BP	425233
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	21:20	BP	425233
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	21:20	BP	425233





## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B1-5	<b>Lab Sample ID:</b>	1706233-001A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 10:45		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 7/7/17 1:12:00PM
<b>Prep Batch ID:</b> 7974	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	21:20	BP	425233
1,3-Dichloropropane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	21:20	BP	425233
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	21:20	BP	425233
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	21:20	BP	425233
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	21:20	BP	425233
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	21:20	BP	425233
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	07/07/17	21:20	BP	425233
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	21:20	BP	425233
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	21:20	BP	425233
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	21:20	BP	425233
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	21:20	BP	425233
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	21:20	BP	425233
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	21:20	BP	425233
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	21:20	BP	425233
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	21:20	BP	425233
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	21:20	BP	425233
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	21:20	BP	425233
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	21:20	BP	425233
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	21:20	BP	425233
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	07/07/17	21:20	BP	425233
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	21:20	BP	425233
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	07/07/17	21:20	BP	425233
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	21:20	BP	425233
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	21:20	BP	425233
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	07/07/17	21:20	BP	425233
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	21:20	BP	425233
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	21:20	BP	425233
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	07/07/17	21:20	BP	425233
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	07/07/17	21:20	BP	425233
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	21:20	BP	425233
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	21:20	BP	425233
2-Butanone (MEK)	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	21:20	BP	425233
(S) Dibromofluoromethane	SW8260B		59.8 - 148		<b>102</b>		%	07/07/17	21:20	BP	425233
(S) Toluene-d8	SW8260B		55.2 - 133		<b>96.9</b>		%	07/07/17	21:20	BP	425233



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B1-5	<b>Lab Sample ID:</b>	1706233-001A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 10:45		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 7/7/17	1:12:00PM
<b>Prep Batch ID:</b> 7974	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		92.4		%	07/07/17	21:20	BP	425233



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B1-5	<b>Lab Sample ID:</b>	1706233-001A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 10:45		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 7/7/17	1:12:00PM
<b>Prep Batch ID:</b> 7975	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	07/07/17	21:20	BP	425233
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		<b>63.5</b>		%	07/07/17	21:20	BP	425233



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B1-8	<b>Lab Sample ID:</b>	1706233-003A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 10:57		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 3546-PAH	<b>Prep Batch Date/Time:</b> 7/5/17	6:03:00PM
<b>Prep Batch ID:</b> 7880	<b>Prep Analyst:</b> LIMBAT	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Naphthalene	SW8270C	1	11	200	ND		ug/Kg	07/06/17	0:26	MT	425153
2-Methylnaphthalene	SW8270C	1	10	200	ND		ug/Kg	07/06/17	0:26	MT	425153
1-Methylnaphthalene	SW8270C	1	12	200	ND		ug/Kg	07/06/17	0:26	MT	425153
Acenaphthylene	SW8270C	1	8.3	200	ND		ug/Kg	07/06/17	0:26	MT	425153
Acenaphthene	SW8270C	1	11	200	ND		ug/Kg	07/06/17	0:26	MT	425153
Fluorene	SW8270C	1	10	200	ND		ug/Kg	07/06/17	0:26	MT	425153
Phenanthrene	SW8270C	1	9.3	200	ND		ug/Kg	07/06/17	0:26	MT	425153
Anthracene	SW8270C	1	8.9	200	ND		ug/Kg	07/06/17	0:26	MT	425153
Fluoranthene	SW8270C	1	10	200	ND		ug/Kg	07/06/17	0:26	MT	425153
Pyrene	SW8270C	1	12	200	ND		ug/Kg	07/06/17	0:26	MT	425153
Benz[a]anthracene	SW8270C	1	9.8	200	ND		ug/Kg	07/06/17	0:26	MT	425153
Chrysene	SW8270C	1	15	200	ND		ug/Kg	07/06/17	0:26	MT	425153
Benzo[b]fluoranthene	SW8270C	1	12	200	ND		ug/Kg	07/06/17	0:26	MT	425153
Benzo[k]fluoranthene	SW8270C	1	8.1	200	ND		ug/Kg	07/06/17	0:26	MT	425153
Benzo[a]pyrene	SW8270C	1	9.8	200	ND		ug/Kg	07/06/17	0:26	MT	425153
Indeno[1,2,3-cd]pyrene	SW8270C	1	14	200	ND		ug/Kg	07/06/17	0:26	MT	425153
Dibenz[a,h]anthracene	SW8270C	1	13	200	ND		ug/Kg	07/06/17	0:26	MT	425153
Benzo[g,h,i]perylene	SW8270C	1	17	200	ND		ug/Kg	07/06/17	0:26	MT	425153
Acceptance Limits											
Nitrobenzene-d5 (S)	SW8270C		23 - 120		<b>70.5</b>		%	07/06/17	0:26	MT	425153
2-Fluorobiphenyl (S)	SW8270C		30 - 115		<b>80.7</b>		%	07/06/17	0:26	MT	425153
p-Terphenyl-d14 (S)	SW8270C		18 - 137		<b>77.0</b>		%	07/06/17	0:26	MT	425153



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B1-8	<b>Lab Sample ID:</b>	1706233-003A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 10:57		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 3546_TPH	<b>Prep Batch Date/Time:</b> 7/6/17	10:58:00AM
<b>Prep Batch ID:</b> 7897	<b>Prep Analyst:</b> LIMBAT	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	5	4.3	10	<b>58.1</b>	x	mg/Kg	07/07/17	13:05	mk	425184
TPH as Motor Oil	SW8015B	5	16	50	<b>512</b>		mg/Kg	07/07/17	13:05	mk	425184
		Acceptance Limits									
Pentacosane (S)	SW8015B		59 - 129		<b>101</b>		%	07/07/17	13:05	mk	425184

**NOTE:** x-Diesel value the result of overlap of Oil range into Diesel range



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B1-8	<b>Lab Sample ID:</b>	1706233-003A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 10:57		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 7/10/17 9:14:00AM
<b>Prep Batch ID:</b> 8008	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	5	6.1	50	ND		ug/Kg	07/10/17	13:05	BP	425264
Chloromethane	SW8260B	5	9.1	50	ND		ug/Kg	07/10/17	13:05	BP	425264
Vinyl Chloride	SW8260B	5	10	50	ND		ug/Kg	07/10/17	13:05	BP	425264
Bromomethane	SW8260B	5	13	50	ND		ug/Kg	07/10/17	13:05	BP	425264
Chloroethane	SW8260B	5	15	50	ND		ug/Kg	07/10/17	13:05	BP	425264
Trichlorofluoromethane	SW8260B	5	10	50	ND		ug/Kg	07/10/17	13:05	BP	425264
1,1-Dichloroethane	SW8260B	5	10	50	ND		ug/Kg	07/10/17	13:05	BP	425264
Freon 113	SW8260B	5	9.4	50	ND		ug/Kg	07/10/17	13:05	BP	425264
Methylene Chloride	SW8260B	5	36	50	ND		ug/Kg	07/10/17	13:05	BP	425264
trans-1,2-Dichloroethene	SW8260B	5	10	50	ND		ug/Kg	07/10/17	13:05	BP	425264
MTBE	SW8260B	5	12	50	ND		ug/Kg	07/10/17	13:05	BP	425264
tert-Butanol	SW8260B	5	58	250	ND		ug/Kg	07/10/17	13:05	BP	425264
Diisopropyl ether (DIPE)	SW8260B	5	11	50	ND		ug/Kg	07/10/17	13:05	BP	425264
1,1-Dichloroethane	SW8260B	5	11	50	ND		ug/Kg	07/10/17	13:05	BP	425264
ETBE	SW8260B	5	11	50	ND		ug/Kg	07/10/17	13:05	BP	425264
cis-1,2-Dichloroethane	SW8260B	5	11	50	ND		ug/Kg	07/10/17	13:05	BP	425264
2,2-Dichloropropane	SW8260B	5	9.6	50	ND		ug/Kg	07/10/17	13:05	BP	425264
Bromochloromethane	SW8260B	5	12	50	ND		ug/Kg	07/10/17	13:05	BP	425264
Chloroform	SW8260B	5	12	50	ND		ug/Kg	07/10/17	13:05	BP	425264
Carbon Tetrachloride	SW8260B	5	10	50	ND		ug/Kg	07/10/17	13:05	BP	425264
1,1,1-Trichloroethane	SW8260B	5	10	50	ND		ug/Kg	07/10/17	13:05	BP	425264
1,1-Dichloropropene	SW8260B	5	9.9	50	ND		ug/Kg	07/10/17	13:05	BP	425264
Benzene	SW8260B	5	11	50	ND		ug/Kg	07/10/17	13:05	BP	425264
TAME	SW8260B	5	11	50	ND		ug/Kg	07/10/17	13:05	BP	425264
1,2-Dichloroethane	SW8260B	5	12	50	ND		ug/Kg	07/10/17	13:05	BP	425264
Trichloroethylene	SW8260B	5	9.0	50	ND		ug/Kg	07/10/17	13:05	BP	425264
Dibromomethane	SW8260B	5	9.2	50	ND		ug/Kg	07/10/17	13:05	BP	425264
1,2-Dichloropropane	SW8260B	5	9.3	50	ND		ug/Kg	07/10/17	13:05	BP	425264
Bromodichloromethane	SW8260B	5	9.8	50	ND		ug/Kg	07/10/17	13:05	BP	425264
cis-1,3-Dichloropropene	SW8260B	5	8.0	50	ND		ug/Kg	07/10/17	13:05	BP	425264
Toluene	SW8260B	5	9.1	50	ND		ug/Kg	07/10/17	13:05	BP	425264
Tetrachloroethylene	SW8260B	5	8.3	50	ND		ug/Kg	07/10/17	13:05	BP	425264
trans-1,3-Dichloropropene	SW8260B	5	8.2	50	ND		ug/Kg	07/10/17	13:05	BP	425264
1,1,2-Trichloroethane	SW8260B	5	9.2	50	ND		ug/Kg	07/10/17	13:05	BP	425264



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B1-8	<b>Lab Sample ID:</b>	1706233-003A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 10:57		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 7/10/17 9:14:00AM
<b>Prep Batch ID:</b> 8008	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dibromochloromethane	SW8260B	5	9.4	50	ND		ug/Kg	07/10/17	13:05	BP	425264
1,3-Dichloropropane	SW8260B	5	9.2	50	ND		ug/Kg	07/10/17	13:05	BP	425264
1,2-Dibromoethane	SW8260B	5	9.0	50	ND		ug/Kg	07/10/17	13:05	BP	425264
Chlorobenzene	SW8260B	5	9.1	50	<b>614</b>		ug/Kg	07/10/17	13:05	BP	425264
Ethyl Benzene	SW8260B	5	8.3	50	ND		ug/Kg	07/10/17	13:05	BP	425264
1,1,1,2-Tetrachloroethane	SW8260B	5	9.7	50	ND		ug/Kg	07/10/17	13:05	BP	425264
m,p-Xylene	SW8260B	5	16	50	ND		ug/Kg	07/10/17	13:05	BP	425264
o-Xylene	SW8260B	5	8.6	50	ND		ug/Kg	07/10/17	13:05	BP	425264
Styrene	SW8260B	5	8.2	50	ND		ug/Kg	07/10/17	13:05	BP	425264
Bromoform	SW8260B	5	8.4	50	ND		ug/Kg	07/10/17	13:05	BP	425264
Isopropyl Benzene	SW8260B	5	8.1	50	ND		ug/Kg	07/10/17	13:05	BP	425264
n-Propylbenzene	SW8260B	5	7.8	50	ND		ug/Kg	07/10/17	13:05	BP	425264
Bromobenzene	SW8260B	5	8.8	50	ND		ug/Kg	07/10/17	13:05	BP	425264
1,1,2,2-Tetrachloroethane	SW8260B	5	9.6	50	ND		ug/Kg	07/10/17	13:05	BP	425264
2-Chlorotoluene	SW8260B	5	8.8	50	ND		ug/Kg	07/10/17	13:05	BP	425264
1,3,5-Trimethylbenzene	SW8260B	5	7.9	50	ND		ug/Kg	07/10/17	13:05	BP	425264
1,2,3-Trichloropropane	SW8260B	5	9.5	50	ND		ug/Kg	07/10/17	13:05	BP	425264
4-Chlorotoluene	SW8260B	5	8.2	50	ND		ug/Kg	07/10/17	13:05	BP	425264
tert-Butylbenzene	SW8260B	5	8.1	50	ND		ug/Kg	07/10/17	13:05	BP	425264
1,2,4-Trimethylbenzene	SW8260B	5	6.8	50	ND		ug/Kg	07/10/17	13:05	BP	425264
sec-Butyl Benzene	SW8260B	5	7.8	50	ND		ug/Kg	07/10/17	13:05	BP	425264
p-Isopropyltoluene	SW8260B	5	7.3	50	ND		ug/Kg	07/10/17	13:05	BP	425264
1,3-Dichlorobenzene	SW8260B	5	8.3	50	ND		ug/Kg	07/10/17	13:05	BP	425264
1,4-Dichlorobenzene	SW8260B	5	8.6	50	ND		ug/Kg	07/10/17	13:05	BP	425264
n-Butylbenzene	SW8260B	5	7.3	50	ND		ug/Kg	07/10/17	13:05	BP	425264
1,2-Dichlorobenzene	SW8260B	5	8.9	50	ND		ug/Kg	07/10/17	13:05	BP	425264
1,2-Dibromo-3-Chloropropane	SW8260B	5	9.2	50	ND		ug/Kg	07/10/17	13:05	BP	425264
Hexachlorobutadiene	SW8260B	5	6.8	50	ND		ug/Kg	07/10/17	13:05	BP	425264
1,2,4-Trichlorobenzene	SW8260B	5	7.4	50	ND		ug/Kg	07/10/17	13:05	BP	425264
Naphthalene	SW8260B	5	8.4	50	ND		ug/Kg	07/10/17	13:05	BP	425264
1,2,3-Trichlorobenzene	SW8260B	5	8.3	50	ND		ug/Kg	07/10/17	13:05	BP	425264
2-Butanone (MEK)	SW8260B	5	11	50	ND		ug/Kg	07/10/17	13:05	BP	425264
(S) Dibromofluoromethane	SW8260B		59.8 - 148		<b>91.3</b>		%	07/10/17	13:05	BP	425264
(S) Toluene-d8	SW8260B		55.2 - 133		<b>110</b>		%	07/10/17	13:05	BP	425264



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B1-8	<b>Lab Sample ID:</b>	1706233-003A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 10:57		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 7/10/17	9:14:00AM
<b>Prep Batch ID:</b> 8008	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		<b>120</b>		%	07/10/17	13:05	BP	425264





## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B1-8	<b>Lab Sample ID:</b>	1706233-003A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 10:57		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 7/10/17	11:58:00AM
<b>Prep Batch ID:</b> 8003	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	5	220	500	<b>3660</b>	x	ug/Kg	07/09/17	19:54	BA	425259
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		<b>114</b>		%	07/09/17	19:54	BA	425259

**NOTE:** x – Does not match pattern of reference Gasoline standard. Best match with pattern of Mineral Spirit.



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B1-10	<b>Lab Sample ID:</b>	1706233-004A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 11:05		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 3546-PAH	<b>Prep Batch Date/Time:</b> 7/5/17 6:03:00PM
<b>Prep Batch ID:</b> 7880	<b>Prep Analyst:</b> LIMBAT

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Naphthalene	SW8270C	1	11	200	ND		ug/Kg	07/06/17	0:55	MT	425153
2-Methylnaphthalene	SW8270C	1	10	200	ND		ug/Kg	07/06/17	0:55	MT	425153
1-Methylnaphthalene	SW8270C	1	12	200	ND		ug/Kg	07/06/17	0:55	MT	425153
Acenaphthylene	SW8270C	1	8.3	200	ND		ug/Kg	07/06/17	0:55	MT	425153
Acenaphthene	SW8270C	1	11	200	ND		ug/Kg	07/06/17	0:55	MT	425153
Fluorene	SW8270C	1	10	200	ND		ug/Kg	07/06/17	0:55	MT	425153
Phenanthrene	SW8270C	1	9.3	200	ND		ug/Kg	07/06/17	0:55	MT	425153
Anthracene	SW8270C	1	8.9	200	ND		ug/Kg	07/06/17	0:55	MT	425153
Fluoranthene	SW8270C	1	10	200	ND		ug/Kg	07/06/17	0:55	MT	425153
Pyrene	SW8270C	1	12	200	ND		ug/Kg	07/06/17	0:55	MT	425153
Benz[a]anthracene	SW8270C	1	9.8	200	ND		ug/Kg	07/06/17	0:55	MT	425153
Chrysene	SW8270C	1	15	200	ND		ug/Kg	07/06/17	0:55	MT	425153
Benzo[b]fluoranthene	SW8270C	1	12	200	ND		ug/Kg	07/06/17	0:55	MT	425153
Benzo[k]fluoranthene	SW8270C	1	8.1	200	ND		ug/Kg	07/06/17	0:55	MT	425153
Benzo[a]pyrene	SW8270C	1	9.8	200	ND		ug/Kg	07/06/17	0:55	MT	425153
Indeno[1,2,3-cd]pyrene	SW8270C	1	14	200	ND		ug/Kg	07/06/17	0:55	MT	425153
Dibenz[a,h]anthracene	SW8270C	1	13	200	ND		ug/Kg	07/06/17	0:55	MT	425153
Benzo[g,h,i]perylene	SW8270C	1	17	200	ND		ug/Kg	07/06/17	0:55	MT	425153
Acceptance Limits											
Nitrobenzene-d5 (S)	SW8270C		23 - 120		<b>58.6</b>		%	07/06/17	0:55	MT	425153
2-Fluorobiphenyl (S)	SW8270C		30 - 115		<b>67.6</b>		%	07/06/17	0:55	MT	425153
p-Terphenyl-d14 (S)	SW8270C		18 - 137		<b>71.0</b>		%	07/06/17	0:55	MT	425153



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B1-10	<b>Lab Sample ID:</b>	1706233-004A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 11:05		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 3546_TPH	<b>Prep Batch Date/Time:</b> 7/6/17	10:58:00AM
<b>Prep Batch ID:</b> 7897	<b>Prep Analyst:</b> LIMBAT	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	5	4.3	10	<b>53.3</b>	x	mg/Kg	07/07/17	13:31	mk	425184
TPH as Motor Oil	SW8015B	5	16	50	<b>406</b>		mg/Kg	07/07/17	13:31	mk	425184
		Acceptance Limits									
Pentacosane (S)	SW8015B		59 - 129		<b>123</b>		%	07/07/17	13:31	mk	425184

**NOTE:** x-Diesel value the result of overlap of Oil range into Diesel range



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B1-10	<b>Lab Sample ID:</b>	1706233-004A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 11:05		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 7/9/17	11:58:00AM
<b>Prep Batch ID:</b> 8002	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
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*The results shown below are reported using their MDL.*

Dichlorodifluoromethane	SW8260B	5	6.1	50	ND		ug/Kg	07/09/17	20:27	BA	425259
Chloromethane	SW8260B	5	9.1	50	ND		ug/Kg	07/09/17	20:27	BA	425259
Vinyl Chloride	SW8260B	5	10	50	ND		ug/Kg	07/09/17	20:27	BA	425259
Bromomethane	SW8260B	5	13	50	ND		ug/Kg	07/09/17	20:27	BA	425259
Chloroethane	SW8260B	5	15	50	ND		ug/Kg	07/09/17	20:27	BA	425259
Trichlorofluoromethane	SW8260B	5	10	50	ND		ug/Kg	07/09/17	20:27	BA	425259
1,1-Dichloroethene	SW8260B	5	10	50	ND		ug/Kg	07/09/17	20:27	BA	425259
Freon 113	SW8260B	5	9.4	50	ND		ug/Kg	07/09/17	20:27	BA	425259
Methylene Chloride	SW8260B	5	36	50	ND		ug/Kg	07/09/17	20:27	BA	425259
trans-1,2-Dichloroethene	SW8260B	5	10	50	ND		ug/Kg	07/09/17	20:27	BA	425259
MTBE	SW8260B	5	12	50	ND		ug/Kg	07/09/17	20:27	BA	425259
tert-Butanol	SW8260B	5	58	250	ND		ug/Kg	07/09/17	20:27	BA	425259
Diisopropyl ether (DIPE)	SW8260B	5	11	50	ND		ug/Kg	07/09/17	20:27	BA	425259
1,1-Dichloroethane	SW8260B	5	11	50	ND		ug/Kg	07/09/17	20:27	BA	425259
ETBE	SW8260B	5	11	50	ND		ug/Kg	07/09/17	20:27	BA	425259
cis-1,2-Dichloroethene	SW8260B	5	11	50	ND		ug/Kg	07/09/17	20:27	BA	425259
2,2-Dichloropropane	SW8260B	5	9.6	50	ND		ug/Kg	07/09/17	20:27	BA	425259
Bromochloromethane	SW8260B	5	12	50	ND		ug/Kg	07/09/17	20:27	BA	425259
Chloroform	SW8260B	5	12	50	ND		ug/Kg	07/09/17	20:27	BA	425259
Carbon Tetrachloride	SW8260B	5	10	50	ND		ug/Kg	07/09/17	20:27	BA	425259
1,1,1-Trichloroethane	SW8260B	5	10	50	ND		ug/Kg	07/09/17	20:27	BA	425259
1,1-Dichloropropene	SW8260B	5	9.9	50	ND		ug/Kg	07/09/17	20:27	BA	425259
Benzene	SW8260B	5	11	50	ND		ug/Kg	07/09/17	20:27	BA	425259
TAME	SW8260B	5	11	50	ND		ug/Kg	07/09/17	20:27	BA	425259
1,2-Dichloroethane	SW8260B	5	12	50	ND		ug/Kg	07/09/17	20:27	BA	425259
Trichloroethylene	SW8260B	5	9.0	50	ND		ug/Kg	07/09/17	20:27	BA	425259
Dibromomethane	SW8260B	5	9.2	50	ND		ug/Kg	07/09/17	20:27	BA	425259
1,2-Dichloropropane	SW8260B	5	9.3	50	ND		ug/Kg	07/09/17	20:27	BA	425259
Bromodichloromethane	SW8260B	5	9.8	50	ND		ug/Kg	07/09/17	20:27	BA	425259
cis-1,3-Dichloropropene	SW8260B	5	8.0	50	ND		ug/Kg	07/09/17	20:27	BA	425259
Toluene	SW8260B	5	9.1	50	ND		ug/Kg	07/09/17	20:27	BA	425259
Tetrachloroethylene	SW8260B	5	8.3	50	ND		ug/Kg	07/09/17	20:27	BA	425259
trans-1,3-Dichloropropene	SW8260B	5	8.2	50	ND		ug/Kg	07/09/17	20:27	BA	425259



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B1-10	<b>Lab Sample ID:</b>	1706233-004A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 11:05		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 7/9/17 11:58:00AM
<b>Prep Batch ID:</b> 8002	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
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*The results shown below are reported using their MDL.*

1,1,2-Trichloroethane	SW8260B	5	9.2	50	ND		ug/Kg	07/09/17	20:27	BA	425259
Dibromochloromethane	SW8260B	5	9.4	50	ND		ug/Kg	07/09/17	20:27	BA	425259
1,3-Dichloropropane	SW8260B	5	9.2	50	ND		ug/Kg	07/09/17	20:27	BA	425259
1,2-Dibromoethane	SW8260B	5	9.0	50	ND		ug/Kg	07/09/17	20:27	BA	425259
Chlorobenzene	SW8260B	5	9.1	50	<b>103</b>		ug/Kg	07/09/17	20:27	BA	425259
Ethyl Benzene	SW8260B	5	8.3	50	ND		ug/Kg	07/09/17	20:27	BA	425259
1,1,1,2-Tetrachloroethane	SW8260B	5	9.7	50	ND		ug/Kg	07/09/17	20:27	BA	425259
m,p-Xylene	SW8260B	5	16	50	ND		ug/Kg	07/09/17	20:27	BA	425259
o-Xylene	SW8260B	5	8.6	50	ND		ug/Kg	07/09/17	20:27	BA	425259
Styrene	SW8260B	5	8.2	50	ND		ug/Kg	07/09/17	20:27	BA	425259
Bromoform	SW8260B	5	8.4	50	ND		ug/Kg	07/09/17	20:27	BA	425259
Isopropyl Benzene	SW8260B	5	8.1	50	ND		ug/Kg	07/09/17	20:27	BA	425259
n-Propylbenzene	SW8260B	5	7.8	50	ND		ug/Kg	07/09/17	20:27	BA	425259
Bromobenzene	SW8260B	5	8.8	50	ND		ug/Kg	07/09/17	20:27	BA	425259
1,1,2,2-Tetrachloroethane	SW8260B	5	9.6	50	ND		ug/Kg	07/09/17	20:27	BA	425259
2-Chlorotoluene	SW8260B	5	8.8	50	ND		ug/Kg	07/09/17	20:27	BA	425259
1,3,5-Trimethylbenzene	SW8260B	5	7.9	50	ND		ug/Kg	07/09/17	20:27	BA	425259
1,2,3-Trichloropropane	SW8260B	5	9.5	50	ND		ug/Kg	07/09/17	20:27	BA	425259
4-Chlorotoluene	SW8260B	5	8.2	50	ND		ug/Kg	07/09/17	20:27	BA	425259
tert-Butylbenzene	SW8260B	5	8.1	50	ND		ug/Kg	07/09/17	20:27	BA	425259
1,2,4-Trimethylbenzene	SW8260B	5	6.8	50	ND		ug/Kg	07/09/17	20:27	BA	425259
sec-Butyl Benzene	SW8260B	5	7.8	50	ND		ug/Kg	07/09/17	20:27	BA	425259
p-Isopropyltoluene	SW8260B	5	7.3	50	ND		ug/Kg	07/09/17	20:27	BA	425259
1,3-Dichlorobenzene	SW8260B	5	8.3	50	ND		ug/Kg	07/09/17	20:27	BA	425259
1,4-Dichlorobenzene	SW8260B	5	8.6	50	ND		ug/Kg	07/09/17	20:27	BA	425259
n-Butylbenzene	SW8260B	5	7.3	50	ND		ug/Kg	07/09/17	20:27	BA	425259
1,2-Dichlorobenzene	SW8260B	5	8.9	50	ND		ug/Kg	07/09/17	20:27	BA	425259
1,2-Dibromo-3-Chloropropane	SW8260B	5	9.2	50	ND		ug/Kg	07/09/17	20:27	BA	425259
Hexachlorobutadiene	SW8260B	5	6.8	50	ND		ug/Kg	07/09/17	20:27	BA	425259
1,2,4-Trichlorobenzene	SW8260B	5	7.4	50	ND		ug/Kg	07/09/17	20:27	BA	425259
Naphthalene	SW8260B	5	8.4	50	ND		ug/Kg	07/09/17	20:27	BA	425259
1,2,3-Trichlorobenzene	SW8260B	5	8.3	50	ND		ug/Kg	07/09/17	20:27	BA	425259
2-Butanone (MEK)	SW8260B	5	11	50	ND		ug/Kg	07/09/17	20:27	BA	425259



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B1-10	<b>Lab Sample ID:</b>	1706233-004A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 11:05		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 7/9/17	11:58:00AM
<b>Prep Batch ID:</b> 8002	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
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*The results shown below are reported using their MDL.*

(S) Dibromofluoromethane	SW8260B		59.8 - 148		<b>93.3</b>		%	07/09/17	20:27	BA	425259
(S) Toluene-d8	SW8260B		55.2 - 133		<b>92.1</b>		%	07/09/17	20:27	BA	425259
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		<b>98.4</b>		%	07/09/17	20:27	BA	425259

**NOTE:** The reporting limits were raised due to the high concentration of non-target heavy end compounds .



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B1-10	<b>Lab Sample ID:</b>	1706233-004A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 11:05		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 7/10/17	11:58:00AM
<b>Prep Batch ID:</b> 8003	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	5	220	500	<b>1510</b>	x	ug/Kg	07/09/17	20:27	BA	425259
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		<b>96.3</b>		%	07/09/17	20:27	BA	425259

**NOTE:** x – Does not match pattern of reference Gasoline standard. Best match with pattern of Mineral Spirit.



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B1-15	<b>Lab Sample ID:</b>	1706233-005A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 11:15		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 3546-PAH	<b>Prep Batch Date/Time:</b> 7/5/17	6:03:00PM
<b>Prep Batch ID:</b> 7880	<b>Prep Analyst:</b> LIMBAT	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Naphthalene	SW8270C	1	11	200	ND		ug/Kg	07/06/17	1:24	MT	425153
2-Methylnaphthalene	SW8270C	1	10	200	ND		ug/Kg	07/06/17	1:24	MT	425153
1-Methylnaphthalene	SW8270C	1	12	200	ND		ug/Kg	07/06/17	1:24	MT	425153
Acenaphthylene	SW8270C	1	8.3	200	ND		ug/Kg	07/06/17	1:24	MT	425153
Acenaphthene	SW8270C	1	11	200	ND		ug/Kg	07/06/17	1:24	MT	425153
Fluorene	SW8270C	1	10	200	ND		ug/Kg	07/06/17	1:24	MT	425153
Phenanthrene	SW8270C	1	9.3	200	ND		ug/Kg	07/06/17	1:24	MT	425153
Anthracene	SW8270C	1	8.9	200	ND		ug/Kg	07/06/17	1:24	MT	425153
Fluoranthene	SW8270C	1	10	200	ND		ug/Kg	07/06/17	1:24	MT	425153
Pyrene	SW8270C	1	12	200	ND		ug/Kg	07/06/17	1:24	MT	425153
Benz[a]anthracene	SW8270C	1	9.8	200	ND		ug/Kg	07/06/17	1:24	MT	425153
Chrysene	SW8270C	1	15	200	ND		ug/Kg	07/06/17	1:24	MT	425153
Benzo[b]fluoranthene	SW8270C	1	12	200	ND		ug/Kg	07/06/17	1:24	MT	425153
Benzo[k]fluoranthene	SW8270C	1	8.1	200	ND		ug/Kg	07/06/17	1:24	MT	425153
Benzo[a]pyrene	SW8270C	1	9.8	200	ND		ug/Kg	07/06/17	1:24	MT	425153
Indeno[1,2,3-cd]pyrene	SW8270C	1	14	200	ND		ug/Kg	07/06/17	1:24	MT	425153
Dibenz[a,h]anthracene	SW8270C	1	13	200	ND		ug/Kg	07/06/17	1:24	MT	425153
Benzo[g,h,i]perylene	SW8270C	1	17	200	ND		ug/Kg	07/06/17	1:24	MT	425153
Acceptance Limits											
Nitrobenzene-d5 (S)	SW8270C		23 - 120		<b>63.5</b>		%	07/06/17	1:24	MT	425153
2-Fluorobiphenyl (S)	SW8270C		30 - 115		<b>85.1</b>		%	07/06/17	1:24	MT	425153
p-Terphenyl-d14 (S)	SW8270C		18 - 137		<b>83.8</b>		%	07/06/17	1:24	MT	425153





## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B1-15	<b>Lab Sample ID:</b>	1706233-005A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 11:15		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 3546_TPH	<b>Prep Batch Date/Time:</b> 7/6/17	10:58:00AM
<b>Prep Batch ID:</b> 7897	<b>Prep Analyst:</b> LIMBAT	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.85	2.0	ND		mg/Kg	07/06/17	18:23	mk	425184
TPH as Motor Oil	SW8015B	1	3.2	10	ND		mg/Kg	07/06/17	18:23	mk	425184
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		<b>72.2</b>		%	07/06/17	18:23	mk	425184



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B1-15	<b>Lab Sample ID:</b>	1706233-005A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 11:15		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 7/6/17 1:58:00PM
<b>Prep Batch ID:</b> 7972	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	10	ND		ug/Kg	07/07/17	12:11	BA	425232
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	12:11	BA	425232
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	07/07/17	12:11	BA	425232
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	07/07/17	12:11	BA	425232
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	07/07/17	12:11	BA	425232
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	07/07/17	12:11	BA	425232
1,1-Dichloroethane	SW8260B	1	2.0	10	ND		ug/Kg	07/07/17	12:11	BA	425232
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	12:11	BA	425232
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	07/07/17	12:11	BA	425232
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	07/07/17	12:11	BA	425232
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	12:11	BA	425232
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	07/07/17	12:11	BA	425232
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	12:11	BA	425232
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	07/07/17	12:11	BA	425232
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	12:11	BA	425232
cis-1,2-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	07/07/17	12:11	BA	425232
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	12:11	BA	425232
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	12:11	BA	425232
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	07/07/17	12:11	BA	425232
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	07/07/17	12:11	BA	425232
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	07/07/17	12:11	BA	425232
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	07/07/17	12:11	BA	425232
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	07/07/17	12:11	BA	425232
TAME	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	12:11	BA	425232
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	12:11	BA	425232
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	12:11	BA	425232
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	12:11	BA	425232
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	12:11	BA	425232
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	07/07/17	12:11	BA	425232
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	12:11	BA	425232
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	12:11	BA	425232
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	12:11	BA	425232
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	12:11	BA	425232
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	12:11	BA	425232



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B1-15	<b>Lab Sample ID:</b>	1706233-005A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 11:15		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 7/6/17 1:58:00PM
<b>Prep Batch ID:</b> 7972	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	12:11	BA	425232
1,3-Dichloropropane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	12:11	BA	425232
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	12:11	BA	425232
Chlorobenzene	SW8260B	1	1.8	10	<b>35.6</b>		ug/Kg	07/07/17	12:11	BA	425232
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	12:11	BA	425232
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	12:11	BA	425232
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	07/07/17	12:11	BA	425232
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	12:11	BA	425232
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	12:11	BA	425232
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	12:11	BA	425232
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	12:11	BA	425232
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	12:11	BA	425232
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	12:11	BA	425232
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	12:11	BA	425232
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	12:11	BA	425232
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	12:11	BA	425232
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	12:11	BA	425232
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	12:11	BA	425232
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	12:11	BA	425232
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	07/07/17	12:11	BA	425232
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	12:11	BA	425232
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	07/07/17	12:11	BA	425232
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	12:11	BA	425232
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	12:11	BA	425232
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	07/07/17	12:11	BA	425232
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	12:11	BA	425232
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	12:11	BA	425232
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	07/07/17	12:11	BA	425232
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	07/07/17	12:11	BA	425232
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	12:11	BA	425232
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	12:11	BA	425232
2-Butanone (MEK)	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	12:11	BA	425232
(S) Dibromofluoromethane	SW8260B		59.8 - 148		<b>104</b>		%	07/07/17	12:11	BA	425232
(S) Toluene-d8	SW8260B		55.2 - 133		<b>95.2</b>		%	07/07/17	12:11	BA	425232



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B1-15	<b>Lab Sample ID:</b>	1706233-005A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 11:15		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 7/6/17	1:58:00PM
<b>Prep Batch ID:</b> 7972	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		92.9		%	07/07/17	12:11	BA	425232



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B1-15	<b>Lab Sample ID:</b>	1706233-005A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 11:15		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 7/6/17	1:58:00PM
<b>Prep Batch ID:</b> 7973	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	07/07/17	12:11	BA	425232
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		<b>67.6</b>		%	07/07/17	12:11	BA	425232



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B2-5	<b>Lab Sample ID:</b>	1706233-006A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 9:11		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 3546-PAH	<b>Prep Batch Date/Time:</b> 7/5/17	6:03:00PM
<b>Prep Batch ID:</b> 7880	<b>Prep Analyst:</b> LIMBAT	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Naphthalene	SW8270C	1	11	200	ND		ug/Kg	07/06/17	1:53	MT	425153
2-Methylnaphthalene	SW8270C	1	10	200	ND		ug/Kg	07/06/17	1:53	MT	425153
1-Methylnaphthalene	SW8270C	1	12	200	ND		ug/Kg	07/06/17	1:53	MT	425153
Acenaphthylene	SW8270C	1	8.3	200	ND		ug/Kg	07/06/17	1:53	MT	425153
Acenaphthene	SW8270C	1	11	200	ND		ug/Kg	07/06/17	1:53	MT	425153
Fluorene	SW8270C	1	10	200	ND		ug/Kg	07/06/17	1:53	MT	425153
Phenanthrene	SW8270C	1	9.3	200	ND		ug/Kg	07/06/17	1:53	MT	425153
Anthracene	SW8270C	1	8.9	200	ND		ug/Kg	07/06/17	1:53	MT	425153
Fluoranthene	SW8270C	1	10	200	ND		ug/Kg	07/06/17	1:53	MT	425153
Pyrene	SW8270C	1	12	200	ND		ug/Kg	07/06/17	1:53	MT	425153
Benz[a]anthracene	SW8270C	1	9.8	200	ND		ug/Kg	07/06/17	1:53	MT	425153
Chrysene	SW8270C	1	15	200	ND		ug/Kg	07/06/17	1:53	MT	425153
Benzo[b]fluoranthene	SW8270C	1	12	200	ND		ug/Kg	07/06/17	1:53	MT	425153
Benzo[k]fluoranthene	SW8270C	1	8.1	200	ND		ug/Kg	07/06/17	1:53	MT	425153
Benzo[a]pyrene	SW8270C	1	9.8	200	ND		ug/Kg	07/06/17	1:53	MT	425153
Indeno[1,2,3-cd]pyrene	SW8270C	1	14	200	ND		ug/Kg	07/06/17	1:53	MT	425153
Dibenz[a,h]anthracene	SW8270C	1	13	200	ND		ug/Kg	07/06/17	1:53	MT	425153
Benzo[g,h,i]perylene	SW8270C	1	17	200	ND		ug/Kg	07/06/17	1:53	MT	425153
Acceptance Limits											
Nitrobenzene-d5 (S)	SW8270C		23 - 120		<b>64.9</b>		%	07/06/17	1:53	MT	425153
2-Fluorobiphenyl (S)	SW8270C		30 - 115		<b>77.6</b>		%	07/06/17	1:53	MT	425153
p-Terphenyl-d14 (S)	SW8270C		18 - 137		<b>76.4</b>		%	07/06/17	1:53	MT	425153



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B2-5	<b>Lab Sample ID:</b>	1706233-006A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 9:11		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 3546_TPH	<b>Prep Batch Date/Time:</b> 7/6/17	10:58:00AM
<b>Prep Batch ID:</b> 7897	<b>Prep Analyst:</b> LIMBAT	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.85	2.0	ND		mg/Kg	07/06/17	18:48	mk	425184
TPH as Motor Oil	SW8015B	1	3.2	10	ND		mg/Kg	07/06/17	18:48	mk	425184
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		<b>76.3</b>		%	07/06/17	18:48	mk	425184



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B2-5	<b>Lab Sample ID:</b>	1706233-006A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 9:11		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 7/7/17	1:12:00PM
<b>Prep Batch ID:</b> 7974	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	10	ND		ug/Kg	07/07/17	19:20	BP	425233
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	19:20	BP	425233
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	07/07/17	19:20	BP	425233
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	07/07/17	19:20	BP	425233
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	07/07/17	19:20	BP	425233
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	07/07/17	19:20	BP	425233
1,1-Dichloroethane	SW8260B	1	2.0	10	ND		ug/Kg	07/07/17	19:20	BP	425233
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	19:20	BP	425233
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	07/07/17	19:20	BP	425233
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	07/07/17	19:20	BP	425233
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	19:20	BP	425233
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	07/07/17	19:20	BP	425233
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	19:20	BP	425233
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	07/07/17	19:20	BP	425233
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	19:20	BP	425233
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	07/07/17	19:20	BP	425233
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	19:20	BP	425233
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	19:20	BP	425233
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	07/07/17	19:20	BP	425233
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	07/07/17	19:20	BP	425233
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	07/07/17	19:20	BP	425233
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	07/07/17	19:20	BP	425233
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	07/07/17	19:20	BP	425233
TAME	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	19:20	BP	425233
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	19:20	BP	425233
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	19:20	BP	425233
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	19:20	BP	425233
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	19:20	BP	425233
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	07/07/17	19:20	BP	425233
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	19:20	BP	425233
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	19:20	BP	425233
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	19:20	BP	425233
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	19:20	BP	425233
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	19:20	BP	425233





## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B2-5	<b>Lab Sample ID:</b>	1706233-006A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 9:11		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 7/7/17 1:12:00PM
<b>Prep Batch ID:</b> 7974	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	19:20	BP	425233
1,3-Dichloropropane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	19:20	BP	425233
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	19:20	BP	425233
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	19:20	BP	425233
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	19:20	BP	425233
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	19:20	BP	425233
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	07/07/17	19:20	BP	425233
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	19:20	BP	425233
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	19:20	BP	425233
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	19:20	BP	425233
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	19:20	BP	425233
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	19:20	BP	425233
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	19:20	BP	425233
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	19:20	BP	425233
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	19:20	BP	425233
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	19:20	BP	425233
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	19:20	BP	425233
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	19:20	BP	425233
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	19:20	BP	425233
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	07/07/17	19:20	BP	425233
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	19:20	BP	425233
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	07/07/17	19:20	BP	425233
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	19:20	BP	425233
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	19:20	BP	425233
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	07/07/17	19:20	BP	425233
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	19:20	BP	425233
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	19:20	BP	425233
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	07/07/17	19:20	BP	425233
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	07/07/17	19:20	BP	425233
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	19:20	BP	425233
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	19:20	BP	425233
2-Butanone (MEK)	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	19:20	BP	425233
(S) Dibromofluoromethane	SW8260B		59.8 - 148		<b>97.8</b>		%	07/07/17	19:20	BP	425233
(S) Toluene-d8	SW8260B		55.2 - 133		<b>98.1</b>		%	07/07/17	19:20	BP	425233



### SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B2-5	<b>Lab Sample ID:</b>	1706233-006A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 9:11		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 7/7/17	1:12:00PM
<b>Prep Batch ID:</b> 7974	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		93.9		%	07/07/17	19:20	BP	425233



### SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B2-5	<b>Lab Sample ID:</b>	1706233-006A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 9:11		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 7/7/17	1:12:00PM
<b>Prep Batch ID:</b> 7975	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	07/07/17	19:20	BP	425233
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		<b>70.2</b>		%	07/07/17	19:20	BP	425233



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B2-10	<b>Lab Sample ID:</b>	1706233-007A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 9:23		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 3546-PAH	<b>Prep Batch Date/Time:</b> 7/5/17 6:03:00PM
<b>Prep Batch ID:</b> 7880	<b>Prep Analyst:</b> LIMBAT

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Naphthalene	SW8270C	1	11	200	ND		ug/Kg	07/06/17	2:22	MT	425153
2-Methylnaphthalene	SW8270C	1	10	200	ND		ug/Kg	07/06/17	2:22	MT	425153
1-Methylnaphthalene	SW8270C	1	12	200	ND		ug/Kg	07/06/17	2:22	MT	425153
Acenaphthylene	SW8270C	1	8.3	200	ND		ug/Kg	07/06/17	2:22	MT	425153
Acenaphthene	SW8270C	1	11	200	ND		ug/Kg	07/06/17	2:22	MT	425153
Fluorene	SW8270C	1	10	200	ND		ug/Kg	07/06/17	2:22	MT	425153
Phenanthrene	SW8270C	1	9.3	200	ND		ug/Kg	07/06/17	2:22	MT	425153
Anthracene	SW8270C	1	8.9	200	ND		ug/Kg	07/06/17	2:22	MT	425153
Fluoranthene	SW8270C	1	10	200	ND		ug/Kg	07/06/17	2:22	MT	425153
Pyrene	SW8270C	1	12	200	ND		ug/Kg	07/06/17	2:22	MT	425153
Benz[a]anthracene	SW8270C	1	9.8	200	ND		ug/Kg	07/06/17	2:22	MT	425153
Chrysene	SW8270C	1	15	200	ND		ug/Kg	07/06/17	2:22	MT	425153
Benzo[b]fluoranthene	SW8270C	1	12	200	ND		ug/Kg	07/06/17	2:22	MT	425153
Benzo[k]fluoranthene	SW8270C	1	8.1	200	ND		ug/Kg	07/06/17	2:22	MT	425153
Benzo[a]pyrene	SW8270C	1	9.8	200	ND		ug/Kg	07/06/17	2:22	MT	425153
Indeno[1,2,3-cd]pyrene	SW8270C	1	14	200	ND		ug/Kg	07/06/17	2:22	MT	425153
Dibenz[a,h]anthracene	SW8270C	1	13	200	ND		ug/Kg	07/06/17	2:22	MT	425153
Benzo[g,h,i]perylene	SW8270C	1	17	200	ND		ug/Kg	07/06/17	2:22	MT	425153
Acceptance Limits											
Nitrobenzene-d5 (S)	SW8270C		23 - 120		<b>60.0</b>		%	07/06/17	2:22	MT	425153
2-Fluorobiphenyl (S)	SW8270C		30 - 115		<b>77.9</b>		%	07/06/17	2:22	MT	425153
p-Terphenyl-d14 (S)	SW8270C		18 - 137		<b>73.9</b>		%	07/06/17	2:22	MT	425153



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B2-10	<b>Lab Sample ID:</b>	1706233-007A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 9:23		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 3546_TPH	<b>Prep Batch Date/Time:</b> 7/6/17	10:58:00AM
<b>Prep Batch ID:</b> 7897	<b>Prep Analyst:</b> LIMBAT	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.85	2.0	ND		mg/Kg	07/06/17	19:14	mk	425184
TPH as Motor Oil	SW8015B	1	3.2	10	ND		mg/Kg	07/06/17	19:14	mk	425184
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		<b>66.1</b>		%	07/06/17	19:14	mk	425184



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B2-10	<b>Lab Sample ID:</b>	1706233-007A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 9:23		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 7/7/17 1:12:00PM
<b>Prep Batch ID:</b> 7974	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	10	ND		ug/Kg	07/07/17	19:43	BP	425233
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	19:43	BP	425233
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	07/07/17	19:43	BP	425233
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	07/07/17	19:43	BP	425233
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	07/07/17	19:43	BP	425233
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	07/07/17	19:43	BP	425233
1,1-Dichloroethane	SW8260B	1	2.0	10	ND		ug/Kg	07/07/17	19:43	BP	425233
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	19:43	BP	425233
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	07/07/17	19:43	BP	425233
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	07/07/17	19:43	BP	425233
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	19:43	BP	425233
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	07/07/17	19:43	BP	425233
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	19:43	BP	425233
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	07/07/17	19:43	BP	425233
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	19:43	BP	425233
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	07/07/17	19:43	BP	425233
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	19:43	BP	425233
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	19:43	BP	425233
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	07/07/17	19:43	BP	425233
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	07/07/17	19:43	BP	425233
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	07/07/17	19:43	BP	425233
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	07/07/17	19:43	BP	425233
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	07/07/17	19:43	BP	425233
TAME	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	19:43	BP	425233
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	19:43	BP	425233
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	19:43	BP	425233
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	19:43	BP	425233
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	19:43	BP	425233
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	07/07/17	19:43	BP	425233
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	19:43	BP	425233
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	19:43	BP	425233
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	19:43	BP	425233
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	19:43	BP	425233
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	19:43	BP	425233



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B2-10	<b>Lab Sample ID:</b>	1706233-007A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 9:23		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 7/7/17 1:12:00PM
<b>Prep Batch ID:</b> 7974	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	19:43	BP	425233
1,3-Dichloropropane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	19:43	BP	425233
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	19:43	BP	425233
Chlorobenzene	SW8260B	1	1.8	10	<b>36.9</b>		ug/Kg	07/07/17	19:43	BP	425233
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	19:43	BP	425233
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	19:43	BP	425233
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	07/07/17	19:43	BP	425233
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	19:43	BP	425233
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	19:43	BP	425233
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	19:43	BP	425233
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	19:43	BP	425233
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	19:43	BP	425233
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	19:43	BP	425233
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	19:43	BP	425233
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	19:43	BP	425233
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	19:43	BP	425233
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	19:43	BP	425233
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	19:43	BP	425233
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	19:43	BP	425233
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	07/07/17	19:43	BP	425233
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	19:43	BP	425233
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	07/07/17	19:43	BP	425233
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	19:43	BP	425233
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	19:43	BP	425233
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	07/07/17	19:43	BP	425233
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	19:43	BP	425233
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	19:43	BP	425233
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	07/07/17	19:43	BP	425233
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	07/07/17	19:43	BP	425233
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	19:43	BP	425233
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	19:43	BP	425233
2-Butanone (MEK)	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	19:43	BP	425233
(S) Dibromofluoromethane	SW8260B		59.8 - 148		<b>106</b>		%	07/07/17	19:43	BP	425233
(S) Toluene-d8	SW8260B		55.2 - 133		<b>98.8</b>		%	07/07/17	19:43	BP	425233



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B2-10	<b>Lab Sample ID:</b>	1706233-007A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 9:23		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 7/7/17	1:12:00PM
<b>Prep Batch ID:</b> 7974	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		91.9		%	07/07/17	19:43	BP	425233





## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B2-10	<b>Lab Sample ID:</b>	1706233-007A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 9:23		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 7/7/17	1:12:00PM
<b>Prep Batch ID:</b> 7975	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	07/07/17	19:43	BP	425233
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		<b>54.4</b>		%	07/07/17	19:43	BP	425233



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B2-15	<b>Lab Sample ID:</b>	1706233-008A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 9:45		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 3546-PAH	<b>Prep Batch Date/Time:</b> 7/5/17	6:03:00PM
<b>Prep Batch ID:</b> 7880	<b>Prep Analyst:</b> LIMBAT	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Naphthalene	SW8270C	1	11	200	ND		ug/Kg	07/06/17	2:50	MT	425153
2-Methylnaphthalene	SW8270C	1	10	200	ND		ug/Kg	07/06/17	2:50	MT	425153
1-Methylnaphthalene	SW8270C	1	12	200	ND		ug/Kg	07/06/17	2:50	MT	425153
Acenaphthylene	SW8270C	1	8.3	200	ND		ug/Kg	07/06/17	2:50	MT	425153
Acenaphthene	SW8270C	1	11	200	ND		ug/Kg	07/06/17	2:50	MT	425153
Fluorene	SW8270C	1	10	200	ND		ug/Kg	07/06/17	2:50	MT	425153
Phenanthrene	SW8270C	1	9.3	200	ND		ug/Kg	07/06/17	2:50	MT	425153
Anthracene	SW8270C	1	8.9	200	ND		ug/Kg	07/06/17	2:50	MT	425153
Fluoranthene	SW8270C	1	10	200	ND		ug/Kg	07/06/17	2:50	MT	425153
Pyrene	SW8270C	1	12	200	ND		ug/Kg	07/06/17	2:50	MT	425153
Benz[a]anthracene	SW8270C	1	9.8	200	ND		ug/Kg	07/06/17	2:50	MT	425153
Chrysene	SW8270C	1	15	200	ND		ug/Kg	07/06/17	2:50	MT	425153
Benzo[b]fluoranthene	SW8270C	1	12	200	ND		ug/Kg	07/06/17	2:50	MT	425153
Benzo[k]fluoranthene	SW8270C	1	8.1	200	ND		ug/Kg	07/06/17	2:50	MT	425153
Benzo[a]pyrene	SW8270C	1	9.8	200	ND		ug/Kg	07/06/17	2:50	MT	425153
Indeno[1,2,3-cd]pyrene	SW8270C	1	14	200	ND		ug/Kg	07/06/17	2:50	MT	425153
Dibenz[a,h]anthracene	SW8270C	1	13	200	ND		ug/Kg	07/06/17	2:50	MT	425153
Benzo[g,h,i]perylene	SW8270C	1	17	200	ND		ug/Kg	07/06/17	2:50	MT	425153
Acceptance Limits											
Nitrobenzene-d5 (S)	SW8270C		23 - 120		<b>72.0</b>		%	07/06/17	2:50	MT	425153
2-Fluorobiphenyl (S)	SW8270C		30 - 115		<b>85.1</b>		%	07/06/17	2:50	MT	425153
p-Terphenyl-d14 (S)	SW8270C		18 - 137		<b>77.0</b>		%	07/06/17	2:50	MT	425153



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B2-15	<b>Lab Sample ID:</b>	1706233-008A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 9:45		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 3546_TPH	<b>Prep Batch Date/Time:</b> 7/6/17	10:58:00AM
<b>Prep Batch ID:</b> 7897	<b>Prep Analyst:</b> LIMBAT	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.85	2.0	ND		mg/Kg	07/06/17	19:39	mk	425184
TPH as Motor Oil	SW8015B	1	3.2	10	ND		mg/Kg	07/06/17	19:39	mk	425184
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		<b>82.5</b>		%	07/06/17	19:39	mk	425184



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B2-15	<b>Lab Sample ID:</b>	1706233-008A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 9:45		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 7/7/17 9:33:00AM
<b>Prep Batch ID:</b> 7963	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	10	ND		ug/Kg	07/07/17	17:35	BP	425227
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	17:35	BP	425227
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	07/07/17	17:35	BP	425227
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	07/07/17	17:35	BP	425227
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	07/07/17	17:35	BP	425227
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	07/07/17	17:35	BP	425227
1,1-Dichloroethane	SW8260B	1	2.0	10	ND		ug/Kg	07/07/17	17:35	BP	425227
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	17:35	BP	425227
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	07/07/17	17:35	BP	425227
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	07/07/17	17:35	BP	425227
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	17:35	BP	425227
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	07/07/17	17:35	BP	425227
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	17:35	BP	425227
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	07/07/17	17:35	BP	425227
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	17:35	BP	425227
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	07/07/17	17:35	BP	425227
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	17:35	BP	425227
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	17:35	BP	425227
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	07/07/17	17:35	BP	425227
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	07/07/17	17:35	BP	425227
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	07/07/17	17:35	BP	425227
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	07/07/17	17:35	BP	425227
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	07/07/17	17:35	BP	425227
TAME	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	17:35	BP	425227
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	17:35	BP	425227
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	17:35	BP	425227
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	17:35	BP	425227
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	17:35	BP	425227
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	07/07/17	17:35	BP	425227
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	17:35	BP	425227
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	17:35	BP	425227
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	17:35	BP	425227
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	17:35	BP	425227
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	17:35	BP	425227



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B2-15	<b>Lab Sample ID:</b>	1706233-008A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 9:45		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 7/7/17 9:33:00AM
<b>Prep Batch ID:</b> 7963	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	17:35	BP	425227
1,3-Dichloropropane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	17:35	BP	425227
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	17:35	BP	425227
Chlorobenzene	SW8260B	1	1.8	10	<b>28.7</b>		ug/Kg	07/07/17	17:35	BP	425227
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	17:35	BP	425227
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	17:35	BP	425227
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	07/07/17	17:35	BP	425227
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	17:35	BP	425227
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	17:35	BP	425227
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	17:35	BP	425227
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	17:35	BP	425227
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	17:35	BP	425227
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	17:35	BP	425227
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	17:35	BP	425227
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	17:35	BP	425227
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	17:35	BP	425227
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	17:35	BP	425227
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	17:35	BP	425227
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	17:35	BP	425227
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	07/07/17	17:35	BP	425227
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	17:35	BP	425227
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	07/07/17	17:35	BP	425227
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	17:35	BP	425227
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	17:35	BP	425227
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	07/07/17	17:35	BP	425227
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	17:35	BP	425227
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	17:35	BP	425227
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	07/07/17	17:35	BP	425227
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	07/07/17	17:35	BP	425227
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	17:35	BP	425227
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	17:35	BP	425227
2-Butanone (MEK)	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	17:35	BP	425227
(S) Dibromofluoromethane	SW8260B		59.8 - 148		<b>92.5</b>		%	07/07/17	17:35	BP	425227
(S) Toluene-d8	SW8260B		55.2 - 133		<b>118</b>		%	07/07/17	17:35	BP	425227



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B2-15	<b>Lab Sample ID:</b>	1706233-008A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 9:45		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 7/7/17	9:33:00AM
<b>Prep Batch ID:</b> 7963	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		111		%	07/07/17	17:35	BP	425227



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B2-15	<b>Lab Sample ID:</b>	1706233-008A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 9:45		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 7/7/17	9:33:00AM
<b>Prep Batch ID:</b> 7964	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	07/07/17	17:35	BP	425227
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		<b>83.3</b>		%	07/07/17	17:35	BP	425227



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B3-5	<b>Lab Sample ID:</b>	1706233-010A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 12:03		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 3546-PAH	<b>Prep Batch Date/Time:</b> 7/5/17	6:03:00PM
<b>Prep Batch ID:</b> 7880	<b>Prep Analyst:</b> LIMBAT	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Naphthalene	SW8270C	1	11	200	ND		ug/Kg	07/06/17	3:19	MT	425153
2-Methylnaphthalene	SW8270C	1	10	200	ND		ug/Kg	07/06/17	3:19	MT	425153
1-Methylnaphthalene	SW8270C	1	12	200	ND		ug/Kg	07/06/17	3:19	MT	425153
Acenaphthylene	SW8270C	1	8.3	200	ND		ug/Kg	07/06/17	3:19	MT	425153
Acenaphthene	SW8270C	1	11	200	ND		ug/Kg	07/06/17	3:19	MT	425153
Fluorene	SW8270C	1	10	200	ND		ug/Kg	07/06/17	3:19	MT	425153
Phenanthrene	SW8270C	1	9.3	200	ND		ug/Kg	07/06/17	3:19	MT	425153
Anthracene	SW8270C	1	8.9	200	ND		ug/Kg	07/06/17	3:19	MT	425153
Fluoranthene	SW8270C	1	10	200	ND		ug/Kg	07/06/17	3:19	MT	425153
Pyrene	SW8270C	1	12	200	ND		ug/Kg	07/06/17	3:19	MT	425153
Benz[a]anthracene	SW8270C	1	9.8	200	ND		ug/Kg	07/06/17	3:19	MT	425153
Chrysene	SW8270C	1	15	200	ND		ug/Kg	07/06/17	3:19	MT	425153
Benzo[b]fluoranthene	SW8270C	1	12	200	ND		ug/Kg	07/06/17	3:19	MT	425153
Benzo[k]fluoranthene	SW8270C	1	8.1	200	ND		ug/Kg	07/06/17	3:19	MT	425153
Benzo[a]pyrene	SW8270C	1	9.8	200	ND		ug/Kg	07/06/17	3:19	MT	425153
Indeno[1,2,3-cd]pyrene	SW8270C	1	14	200	ND		ug/Kg	07/06/17	3:19	MT	425153
Dibenz[a,h]anthracene	SW8270C	1	13	200	ND		ug/Kg	07/06/17	3:19	MT	425153
Benzo[g,h,i]perylene	SW8270C	1	17	200	ND		ug/Kg	07/06/17	3:19	MT	425153
Acceptance Limits											
Nitrobenzene-d5 (S)	SW8270C		23 - 120		<b>74.0</b>		%	07/06/17	3:19	MT	425153
2-Fluorobiphenyl (S)	SW8270C		30 - 115		<b>87.0</b>		%	07/06/17	3:19	MT	425153
p-Terphenyl-d14 (S)	SW8270C		18 - 137		<b>74.5</b>		%	07/06/17	3:19	MT	425153





## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B3-5	<b>Lab Sample ID:</b>	1706233-010A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 12:03		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 3546_TPH	<b>Prep Batch Date/Time:</b> 7/6/17	10:58:00AM
<b>Prep Batch ID:</b> 7897	<b>Prep Analyst:</b> LIMBAT	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.85	2.0	<b>2.43</b>		mg/Kg	07/06/17	20:04	mk	425184
TPH as Motor Oil	SW8015B	1	3.2	10	ND		mg/Kg	07/06/17	20:04	mk	425184
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		<b>89.4</b>		%	07/06/17	20:04	mk	425184



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B3-5	<b>Lab Sample ID:</b>	1706233-010A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 12:03		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 7/7/17 9:33:00AM
<b>Prep Batch ID:</b> 7963	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	10	ND		ug/Kg	07/07/17	18:11	BP	425227
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	18:11	BP	425227
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	07/07/17	18:11	BP	425227
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	07/07/17	18:11	BP	425227
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	07/07/17	18:11	BP	425227
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	07/07/17	18:11	BP	425227
1,1-Dichloroethane	SW8260B	1	2.0	10	ND		ug/Kg	07/07/17	18:11	BP	425227
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	18:11	BP	425227
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	07/07/17	18:11	BP	425227
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	07/07/17	18:11	BP	425227
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	18:11	BP	425227
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	07/07/17	18:11	BP	425227
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	18:11	BP	425227
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	07/07/17	18:11	BP	425227
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	18:11	BP	425227
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	07/07/17	18:11	BP	425227
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	18:11	BP	425227
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	18:11	BP	425227
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	07/07/17	18:11	BP	425227
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	07/07/17	18:11	BP	425227
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	07/07/17	18:11	BP	425227
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	07/07/17	18:11	BP	425227
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	07/07/17	18:11	BP	425227
TAME	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	18:11	BP	425227
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	18:11	BP	425227
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	18:11	BP	425227
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	18:11	BP	425227
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	18:11	BP	425227
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	07/07/17	18:11	BP	425227
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	18:11	BP	425227
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	18:11	BP	425227
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	18:11	BP	425227
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	18:11	BP	425227
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	18:11	BP	425227



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B3-5	<b>Lab Sample ID:</b>	1706233-010A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 12:03		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 7/7/17 9:33:00AM
<b>Prep Batch ID:</b> 7963	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	18:11	BP	425227
1,3-Dichloropropane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	18:11	BP	425227
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	18:11	BP	425227
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	18:11	BP	425227
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	18:11	BP	425227
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	18:11	BP	425227
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	07/07/17	18:11	BP	425227
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	18:11	BP	425227
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	18:11	BP	425227
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	18:11	BP	425227
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	18:11	BP	425227
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	18:11	BP	425227
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	18:11	BP	425227
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	18:11	BP	425227
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	18:11	BP	425227
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	18:11	BP	425227
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	18:11	BP	425227
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	18:11	BP	425227
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	18:11	BP	425227
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	07/07/17	18:11	BP	425227
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	18:11	BP	425227
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	07/07/17	18:11	BP	425227
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	18:11	BP	425227
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	18:11	BP	425227
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	07/07/17	18:11	BP	425227
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	18:11	BP	425227
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	18:11	BP	425227
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	07/07/17	18:11	BP	425227
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	07/07/17	18:11	BP	425227
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	18:11	BP	425227
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	18:11	BP	425227
2-Butanone (MEK)	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	18:11	BP	425227
(S) Dibromofluoromethane	SW8260B		59.8 - 148		<b>92.7</b>		%	07/07/17	18:11	BP	425227
(S) Toluene-d8	SW8260B		55.2 - 133		<b>117</b>		%	07/07/17	18:11	BP	425227



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B3-5	<b>Lab Sample ID:</b>	1706233-010A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 12:03		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 7/7/17	9:33:00AM
<b>Prep Batch ID:</b> 7963	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		111		%	07/07/17	18:11	BP	425227



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B3-5	<b>Lab Sample ID:</b>	1706233-010A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 12:03		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 7/7/17	9:33:00AM
<b>Prep Batch ID:</b> 7964	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	07/07/17	18:11	BP	425227
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		<b>74.7</b>		%	07/07/17	18:11	BP	425227



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B3-10	<b>Lab Sample ID:</b>	1706233-011A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 12:15		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 3546-PAH	<b>Prep Batch Date/Time:</b> 7/5/17	6:03:00PM
<b>Prep Batch ID:</b> 7880	<b>Prep Analyst:</b> LIMBAT	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Naphthalene	SW8270C	1	11	200	ND		ug/Kg	07/06/17	3:48	MT	425153
2-Methylnaphthalene	SW8270C	1	10	200	ND		ug/Kg	07/06/17	3:48	MT	425153
1-Methylnaphthalene	SW8270C	1	12	200	ND		ug/Kg	07/06/17	3:48	MT	425153
Acenaphthylene	SW8270C	1	8.3	200	ND		ug/Kg	07/06/17	3:48	MT	425153
Acenaphthene	SW8270C	1	11	200	ND		ug/Kg	07/06/17	3:48	MT	425153
Fluorene	SW8270C	1	10	200	ND		ug/Kg	07/06/17	3:48	MT	425153
Phenanthrene	SW8270C	1	9.3	200	ND		ug/Kg	07/06/17	3:48	MT	425153
Anthracene	SW8270C	1	8.9	200	ND		ug/Kg	07/06/17	3:48	MT	425153
Fluoranthene	SW8270C	1	10	200	ND		ug/Kg	07/06/17	3:48	MT	425153
Pyrene	SW8270C	1	12	200	ND		ug/Kg	07/06/17	3:48	MT	425153
Benz[a]anthracene	SW8270C	1	9.8	200	ND		ug/Kg	07/06/17	3:48	MT	425153
Chrysene	SW8270C	1	15	200	ND		ug/Kg	07/06/17	3:48	MT	425153
Benzo[b]fluoranthene	SW8270C	1	12	200	ND		ug/Kg	07/06/17	3:48	MT	425153
Benzo[k]fluoranthene	SW8270C	1	8.1	200	ND		ug/Kg	07/06/17	3:48	MT	425153
Benzo[a]pyrene	SW8270C	1	9.8	200	ND		ug/Kg	07/06/17	3:48	MT	425153
Indeno[1,2,3-cd]pyrene	SW8270C	1	14	200	ND		ug/Kg	07/06/17	3:48	MT	425153
Dibenz[a,h]anthracene	SW8270C	1	13	200	ND		ug/Kg	07/06/17	3:48	MT	425153
Benzo[g,h,i]perylene	SW8270C	1	17	200	ND		ug/Kg	07/06/17	3:48	MT	425153
Acceptance Limits											
Nitrobenzene-d5 (S)	SW8270C		23 - 120		<b>68.9</b>		%	07/06/17	3:48	MT	425153
2-Fluorobiphenyl (S)	SW8270C		30 - 115		<b>84.4</b>		%	07/06/17	3:48	MT	425153
p-Terphenyl-d14 (S)	SW8270C		18 - 137		<b>109</b>		%	07/06/17	3:48	MT	425153



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B3-10	<b>Lab Sample ID:</b>	1706233-011A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 12:15		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 3546_TPH	<b>Prep Batch Date/Time:</b> 7/6/17	10:58:00AM
<b>Prep Batch ID:</b> 7897	<b>Prep Analyst:</b> LIMBAT	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.85	2.0	ND		mg/Kg	07/06/17	20:29	mk	425184
TPH as Motor Oil	SW8015B	1	3.2	10	ND		mg/Kg	07/06/17	20:29	mk	425184
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		<b>70.1</b>		%	07/06/17	20:29	mk	425184



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B3-10	<b>Lab Sample ID:</b>	1706233-011A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 12:15		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 7/7/17	9:33:00AM
<b>Prep Batch ID:</b> 7963	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	10	ND		ug/Kg	07/07/17	18:48	BP	425227
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	18:48	BP	425227
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	07/07/17	18:48	BP	425227
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	07/07/17	18:48	BP	425227
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	07/07/17	18:48	BP	425227
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	07/07/17	18:48	BP	425227
1,1-Dichloroethane	SW8260B	1	2.0	10	ND		ug/Kg	07/07/17	18:48	BP	425227
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	18:48	BP	425227
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	07/07/17	18:48	BP	425227
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	07/07/17	18:48	BP	425227
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	18:48	BP	425227
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	07/07/17	18:48	BP	425227
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	18:48	BP	425227
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	07/07/17	18:48	BP	425227
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	18:48	BP	425227
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	07/07/17	18:48	BP	425227
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	18:48	BP	425227
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	18:48	BP	425227
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	07/07/17	18:48	BP	425227
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	07/07/17	18:48	BP	425227
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	07/07/17	18:48	BP	425227
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	07/07/17	18:48	BP	425227
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	07/07/17	18:48	BP	425227
TAME	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	18:48	BP	425227
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	18:48	BP	425227
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	18:48	BP	425227
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	18:48	BP	425227
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	18:48	BP	425227
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	07/07/17	18:48	BP	425227
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	18:48	BP	425227
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	18:48	BP	425227
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	18:48	BP	425227
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	18:48	BP	425227
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	18:48	BP	425227





## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B3-10	<b>Lab Sample ID:</b>	1706233-011A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 12:15		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 7/7/17 9:33:00AM
<b>Prep Batch ID:</b> 7963	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	18:48	BP	425227
1,3-Dichloropropane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	18:48	BP	425227
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	18:48	BP	425227
Chlorobenzene	SW8260B	1	1.8	10	<b>16.8</b>		ug/Kg	07/07/17	18:48	BP	425227
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	18:48	BP	425227
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	18:48	BP	425227
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	07/07/17	18:48	BP	425227
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	18:48	BP	425227
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	18:48	BP	425227
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	18:48	BP	425227
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	18:48	BP	425227
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	18:48	BP	425227
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	18:48	BP	425227
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	18:48	BP	425227
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	18:48	BP	425227
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	18:48	BP	425227
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	18:48	BP	425227
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	18:48	BP	425227
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	18:48	BP	425227
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	07/07/17	18:48	BP	425227
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	18:48	BP	425227
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	07/07/17	18:48	BP	425227
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	18:48	BP	425227
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	18:48	BP	425227
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	07/07/17	18:48	BP	425227
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	18:48	BP	425227
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	18:48	BP	425227
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	07/07/17	18:48	BP	425227
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	07/07/17	18:48	BP	425227
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	18:48	BP	425227
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	18:48	BP	425227
2-Butanone (MEK)	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	18:48	BP	425227
(S) Dibromofluoromethane	SW8260B		59.8 - 148		<b>90.8</b>		%	07/07/17	18:48	BP	425227
(S) Toluene-d8	SW8260B		55.2 - 133		<b>116</b>		%	07/07/17	18:48	BP	425227



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B3-10	<b>Lab Sample ID:</b>	1706233-011A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 12:15		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 7/7/17	9:33:00AM
<b>Prep Batch ID:</b> 7963	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		114		%	07/07/17	18:48	BP	425227



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B3-10	<b>Lab Sample ID:</b>	1706233-011A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 12:15		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 7/7/17	9:33:00AM
<b>Prep Batch ID:</b> 7964	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	07/07/17	18:48	BP	425227
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		<b>84.9</b>		%	07/07/17	18:48	BP	425227



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B3-11	<b>Lab Sample ID:</b>	1706233-012A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 12:30		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 3546-PAH	<b>Prep Batch Date/Time:</b> 7/5/17	6:03:00PM
<b>Prep Batch ID:</b> 7880	<b>Prep Analyst:</b> LIMBAT	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Naphthalene	SW8270C	1	11	200	ND		ug/Kg	07/06/17	4:17	MT	425153
2-Methylnaphthalene	SW8270C	1	10	200	ND		ug/Kg	07/06/17	4:17	MT	425153
1-Methylnaphthalene	SW8270C	1	12	200	ND		ug/Kg	07/06/17	4:17	MT	425153
Acenaphthylene	SW8270C	1	8.3	200	ND		ug/Kg	07/06/17	4:17	MT	425153
Acenaphthene	SW8270C	1	11	200	ND		ug/Kg	07/06/17	4:17	MT	425153
Fluorene	SW8270C	1	10	200	ND		ug/Kg	07/06/17	4:17	MT	425153
Phenanthrene	SW8270C	1	9.3	200	ND		ug/Kg	07/06/17	4:17	MT	425153
Anthracene	SW8270C	1	8.9	200	ND		ug/Kg	07/06/17	4:17	MT	425153
Fluoranthene	SW8270C	1	10	200	ND		ug/Kg	07/06/17	4:17	MT	425153
Pyrene	SW8270C	1	12	200	ND		ug/Kg	07/06/17	4:17	MT	425153
Benz[a]anthracene	SW8270C	1	9.8	200	ND		ug/Kg	07/06/17	4:17	MT	425153
Chrysene	SW8270C	1	15	200	ND		ug/Kg	07/06/17	4:17	MT	425153
Benzo[b]fluoranthene	SW8270C	1	12	200	ND		ug/Kg	07/06/17	4:17	MT	425153
Benzo[k]fluoranthene	SW8270C	1	8.1	200	ND		ug/Kg	07/06/17	4:17	MT	425153
Benzo[a]pyrene	SW8270C	1	9.8	200	ND		ug/Kg	07/06/17	4:17	MT	425153
Indeno[1,2,3-cd]pyrene	SW8270C	1	14	200	ND		ug/Kg	07/06/17	4:17	MT	425153
Dibenz[a,h]anthracene	SW8270C	1	13	200	ND		ug/Kg	07/06/17	4:17	MT	425153
Benzo[g,h,i]perylene	SW8270C	1	17	200	ND		ug/Kg	07/06/17	4:17	MT	425153
Acceptance Limits											
Nitrobenzene-d5 (S)	SW8270C		23 - 120		<b>77.3</b>		%	07/06/17	4:17	MT	425153
2-Fluorobiphenyl (S)	SW8270C		30 - 115		<b>85.6</b>		%	07/06/17	4:17	MT	425153
p-Terphenyl-d14 (S)	SW8270C		18 - 137		<b>77.5</b>		%	07/06/17	4:17	MT	425153



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B3-11	<b>Lab Sample ID:</b>	1706233-012A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 12:30		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 3546_TPH	<b>Prep Batch Date/Time:</b> 7/6/17	10:58:00AM
<b>Prep Batch ID:</b> 7897	<b>Prep Analyst:</b> LIMBAT	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.85	2.0	ND		mg/Kg	07/06/17	22:09	mk	425184
TPH as Motor Oil	SW8015B	1	3.2	10	ND		mg/Kg	07/06/17	22:09	mk	425184
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		<b>87.2</b>		%	07/06/17	22:09	mk	425184



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B3-11	<b>Lab Sample ID:</b>	1706233-012A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 12:30		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 7/7/17 9:33:00AM
<b>Prep Batch ID:</b> 7963	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	10	ND		ug/Kg	07/07/17	21:12	BP	425227
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	21:12	BP	425227
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	07/07/17	21:12	BP	425227
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	07/07/17	21:12	BP	425227
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	07/07/17	21:12	BP	425227
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	07/07/17	21:12	BP	425227
1,1-Dichloroethane	SW8260B	1	2.0	10	ND		ug/Kg	07/07/17	21:12	BP	425227
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	21:12	BP	425227
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	07/07/17	21:12	BP	425227
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	07/07/17	21:12	BP	425227
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	21:12	BP	425227
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	07/07/17	21:12	BP	425227
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	21:12	BP	425227
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	07/07/17	21:12	BP	425227
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	21:12	BP	425227
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	07/07/17	21:12	BP	425227
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	21:12	BP	425227
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	21:12	BP	425227
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	07/07/17	21:12	BP	425227
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	07/07/17	21:12	BP	425227
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	07/07/17	21:12	BP	425227
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	07/07/17	21:12	BP	425227
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	07/07/17	21:12	BP	425227
TAME	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	21:12	BP	425227
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	21:12	BP	425227
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	21:12	BP	425227
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	21:12	BP	425227
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	21:12	BP	425227
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	07/07/17	21:12	BP	425227
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	21:12	BP	425227
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	21:12	BP	425227
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	21:12	BP	425227
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	21:12	BP	425227
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	21:12	BP	425227



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B3-11	<b>Lab Sample ID:</b>	1706233-012A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 12:30		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 7/7/17 9:33:00AM
<b>Prep Batch ID:</b> 7963	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	21:12	BP	425227
1,3-Dichloropropane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	21:12	BP	425227
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	21:12	BP	425227
Chlorobenzene	SW8260B	1	1.8	10	<b>40.9</b>		ug/Kg	07/07/17	21:12	BP	425227
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	21:12	BP	425227
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	21:12	BP	425227
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	07/07/17	21:12	BP	425227
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	21:12	BP	425227
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	21:12	BP	425227
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	21:12	BP	425227
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	21:12	BP	425227
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	21:12	BP	425227
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	21:12	BP	425227
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	21:12	BP	425227
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	21:12	BP	425227
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	21:12	BP	425227
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	21:12	BP	425227
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	21:12	BP	425227
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	21:12	BP	425227
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	07/07/17	21:12	BP	425227
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	21:12	BP	425227
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	07/07/17	21:12	BP	425227
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	21:12	BP	425227
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	21:12	BP	425227
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	07/07/17	21:12	BP	425227
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	21:12	BP	425227
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	21:12	BP	425227
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	07/07/17	21:12	BP	425227
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	07/07/17	21:12	BP	425227
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	21:12	BP	425227
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	21:12	BP	425227
2-Butanone (MEK)	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	21:12	BP	425227
(S) Dibromofluoromethane	SW8260B		59.8 - 148		<b>94.4</b>		%	07/07/17	21:12	BP	425227
(S) Toluene-d8	SW8260B		55.2 - 133		<b>110</b>		%	07/07/17	21:12	BP	425227



### SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B3-11	<b>Lab Sample ID:</b>	1706233-012A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 12:30		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 7/7/17	9:33:00AM
<b>Prep Batch ID:</b> 7963	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		115		%	07/07/17	21:12	BP	425227





## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B3-11	<b>Lab Sample ID:</b>	1706233-012A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 12:30		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 7/7/17	9:33:00AM
<b>Prep Batch ID:</b> 7964	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	07/07/17	21:12	BP	425227
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		<b>86.4</b>		%	07/07/17	21:12	BP	425227



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B3-13	<b>Lab Sample ID:</b>	1706233-013A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 12:42		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 3546-PAH	<b>Prep Batch Date/Time:</b> 7/5/17	6:03:00PM
<b>Prep Batch ID:</b> 7880	<b>Prep Analyst:</b> LIMBAT	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Naphthalene	SW8270C	1	11	200	ND		ug/Kg	07/06/17	4:45	MT	425153
2-Methylnaphthalene	SW8270C	1	10	200	ND		ug/Kg	07/06/17	4:45	MT	425153
1-Methylnaphthalene	SW8270C	1	12	200	ND		ug/Kg	07/06/17	4:45	MT	425153
Acenaphthylene	SW8270C	1	8.3	200	ND		ug/Kg	07/06/17	4:45	MT	425153
Acenaphthene	SW8270C	1	11	200	ND		ug/Kg	07/06/17	4:45	MT	425153
Fluorene	SW8270C	1	10	200	ND		ug/Kg	07/06/17	4:45	MT	425153
Phenanthrene	SW8270C	1	9.3	200	ND		ug/Kg	07/06/17	4:45	MT	425153
Anthracene	SW8270C	1	8.9	200	ND		ug/Kg	07/06/17	4:45	MT	425153
Fluoranthene	SW8270C	1	10	200	ND		ug/Kg	07/06/17	4:45	MT	425153
Pyrene	SW8270C	1	12	200	ND		ug/Kg	07/06/17	4:45	MT	425153
Benz[a]anthracene	SW8270C	1	9.8	200	ND		ug/Kg	07/06/17	4:45	MT	425153
Chrysene	SW8270C	1	15	200	ND		ug/Kg	07/06/17	4:45	MT	425153
Benzo[b]fluoranthene	SW8270C	1	12	200	ND		ug/Kg	07/06/17	4:45	MT	425153
Benzo[k]fluoranthene	SW8270C	1	8.1	200	ND		ug/Kg	07/06/17	4:45	MT	425153
Benzo[a]pyrene	SW8270C	1	9.8	200	ND		ug/Kg	07/06/17	4:45	MT	425153
Indeno[1,2,3-cd]pyrene	SW8270C	1	14	200	ND		ug/Kg	07/06/17	4:45	MT	425153
Dibenz[a,h]anthracene	SW8270C	1	13	200	ND		ug/Kg	07/06/17	4:45	MT	425153
Benzo[g,h,i]perylene	SW8270C	1	17	200	ND		ug/Kg	07/06/17	4:45	MT	425153
Acceptance Limits											
Nitrobenzene-d5 (S)	SW8270C		23 - 120		<b>72.1</b>		%	07/06/17	4:45	MT	425153
2-Fluorobiphenyl (S)	SW8270C		30 - 115		<b>84.3</b>		%	07/06/17	4:45	MT	425153
p-Terphenyl-d14 (S)	SW8270C		18 - 137		<b>80.8</b>		%	07/06/17	4:45	MT	425153



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B3-13	<b>Lab Sample ID:</b>	1706233-013A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 12:42		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 3546_TPH	<b>Prep Batch Date/Time:</b> 7/6/17	10:58:00AM
<b>Prep Batch ID:</b> 7897	<b>Prep Analyst:</b> LIMBAT	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.85	2.0	<b>2.45</b>	x	mg/Kg	07/06/17	22:34	mk	425184
TPH as Motor Oil	SW8015B	1	3.2	10	ND		mg/Kg	07/06/17	22:34	mk	425184
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		<b>63.1</b>		%	07/06/17	22:34	mk	425184

**NOTE:** x-not typical of Diesel ref. std: peaks within Diesel range quantified as diesel



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B3-13	<b>Lab Sample ID:</b>	1706233-013A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 12:42		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 7/8/17 2:08:00AM
<b>Prep Batch ID:</b> 7976	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	10	ND		ug/Kg	07/08/17	4:49	BP	425235
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	07/08/17	4:49	BP	425235
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	07/08/17	4:49	BP	425235
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	07/08/17	4:49	BP	425235
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	07/08/17	4:49	BP	425235
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	07/08/17	4:49	BP	425235
1,1-Dichloroethane	SW8260B	1	2.0	10	ND		ug/Kg	07/08/17	4:49	BP	425235
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	07/08/17	4:49	BP	425235
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	07/08/17	4:49	BP	425235
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	07/08/17	4:49	BP	425235
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	07/08/17	4:49	BP	425235
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	07/08/17	4:49	BP	425235
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	07/08/17	4:49	BP	425235
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	07/08/17	4:49	BP	425235
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	07/08/17	4:49	BP	425235
cis-1,2-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	07/08/17	4:49	BP	425235
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/08/17	4:49	BP	425235
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	07/08/17	4:49	BP	425235
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	07/08/17	4:49	BP	425235
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	07/08/17	4:49	BP	425235
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	07/08/17	4:49	BP	425235
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	07/08/17	4:49	BP	425235
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	07/08/17	4:49	BP	425235
TAME	SW8260B	1	2.3	10	ND		ug/Kg	07/08/17	4:49	BP	425235
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	07/08/17	4:49	BP	425235
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	07/08/17	4:49	BP	425235
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	07/08/17	4:49	BP	425235
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/08/17	4:49	BP	425235
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	07/08/17	4:49	BP	425235
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	07/08/17	4:49	BP	425235
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	07/08/17	4:49	BP	425235
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	07/08/17	4:49	BP	425235
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	07/08/17	4:49	BP	425235
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	07/08/17	4:49	BP	425235



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B3-13	<b>Lab Sample ID:</b>	1706233-013A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 12:42		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 7/8/17	2:08:00AM
<b>Prep Batch ID:</b> 7976	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	07/08/17	4:49	BP	425235
1,3-Dichloropropane	SW8260B	1	1.8	10	ND		ug/Kg	07/08/17	4:49	BP	425235
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	07/08/17	4:49	BP	425235
Chlorobenzene	SW8260B	1	1.8	10	<b>76.1</b>		ug/Kg	07/08/17	4:49	BP	425235
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	07/08/17	4:49	BP	425235
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	07/08/17	4:49	BP	425235
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	07/08/17	4:49	BP	425235
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	07/08/17	4:49	BP	425235
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	07/08/17	4:49	BP	425235
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	07/08/17	4:49	BP	425235
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	07/08/17	4:49	BP	425235
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/08/17	4:49	BP	425235
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/08/17	4:49	BP	425235
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	07/08/17	4:49	BP	425235
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	07/08/17	4:49	BP	425235
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/08/17	4:49	BP	425235
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/08/17	4:49	BP	425235
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	07/08/17	4:49	BP	425235
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/08/17	4:49	BP	425235
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	07/08/17	4:49	BP	425235
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	07/08/17	4:49	BP	425235
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	07/08/17	4:49	BP	425235
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/08/17	4:49	BP	425235
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/08/17	4:49	BP	425235
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	07/08/17	4:49	BP	425235
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/08/17	4:49	BP	425235
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	07/08/17	4:49	BP	425235
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	07/08/17	4:49	BP	425235
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	07/08/17	4:49	BP	425235
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	07/08/17	4:49	BP	425235
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/08/17	4:49	BP	425235
2-Butanone (MEK)	SW8260B	1	2.3	10	ND		ug/Kg	07/08/17	4:49	BP	425235
(S) Dibromofluoromethane	SW8260B		59.8 - 148		<b>99.2</b>		%	07/08/17	4:49	BP	425235
(S) Toluene-d8	SW8260B		55.2 - 133		<b>94.5</b>		%	07/08/17	4:49	BP	425235



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B3-13	<b>Lab Sample ID:</b>	1706233-013A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 12:42		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 7/8/17	2:08:00AM
<b>Prep Batch ID:</b> 7976	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		99.5		%	07/08/17	4:49	BP	425235



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B3-13	<b>Lab Sample ID:</b>	1706233-013A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 12:42		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 7/8/17	2:08:00AM
<b>Prep Batch ID:</b> 7977	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	<b>428</b>	x	ug/Kg	07/08/17	4:49	BP	425235
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		<b>99.1</b>		%	07/08/17	4:49	BP	425235

**NOTE:** x - Does not match pattern of reference Gasoline standard. Reported TPH value due to discrete peak and non-target heavy hydrocarbons within range of C5-C12 quantified as gasoline.



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B4-3	<b>Lab Sample ID:</b>	1706233-015A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 14:00		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 3546-PAH	<b>Prep Batch Date/Time:</b> 7/5/17 6:03:00PM
<b>Prep Batch ID:</b> 7880	<b>Prep Analyst:</b> LIMBAT

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Naphthalene	SW8270C	1	11	200	ND		ug/Kg	07/06/17	5:14	MT	425153
2-Methylnaphthalene	SW8270C	1	10	200	ND		ug/Kg	07/06/17	5:14	MT	425153
1-Methylnaphthalene	SW8270C	1	12	200	ND		ug/Kg	07/06/17	5:14	MT	425153
Acenaphthylene	SW8270C	1	8.3	200	ND		ug/Kg	07/06/17	5:14	MT	425153
Acenaphthene	SW8270C	1	11	200	ND		ug/Kg	07/06/17	5:14	MT	425153
Fluorene	SW8270C	1	10	200	ND		ug/Kg	07/06/17	5:14	MT	425153
Phenanthrene	SW8270C	1	9.3	200	ND		ug/Kg	07/06/17	5:14	MT	425153
Anthracene	SW8270C	1	8.9	200	ND		ug/Kg	07/06/17	5:14	MT	425153
Fluoranthene	SW8270C	1	10	200	ND		ug/Kg	07/06/17	5:14	MT	425153
Pyrene	SW8270C	1	12	200	ND		ug/Kg	07/06/17	5:14	MT	425153
Benz[a]anthracene	SW8270C	1	9.8	200	ND		ug/Kg	07/06/17	5:14	MT	425153
Chrysene	SW8270C	1	15	200	ND		ug/Kg	07/06/17	5:14	MT	425153
Benzo[b]fluoranthene	SW8270C	1	12	200	ND		ug/Kg	07/06/17	5:14	MT	425153
Benzo[k]fluoranthene	SW8270C	1	8.1	200	ND		ug/Kg	07/06/17	5:14	MT	425153
Benzo[a]pyrene	SW8270C	1	9.8	200	ND		ug/Kg	07/06/17	5:14	MT	425153
Indeno[1,2,3-cd]pyrene	SW8270C	1	14	200	ND		ug/Kg	07/06/17	5:14	MT	425153
Dibenz[a,h]anthracene	SW8270C	1	13	200	ND		ug/Kg	07/06/17	5:14	MT	425153
Benzo[g,h,i]perylene	SW8270C	1	17	200	ND		ug/Kg	07/06/17	5:14	MT	425153
Acceptance Limits											
Nitrobenzene-d5 (S)	SW8270C		23 - 120		<b>78.6</b>		%	07/06/17	5:14	MT	425153
2-Fluorobiphenyl (S)	SW8270C		30 - 115		<b>74.8</b>		%	07/06/17	5:14	MT	425153
p-Terphenyl-d14 (S)	SW8270C		18 - 137		<b>69.4</b>		%	07/06/17	5:14	MT	425153





## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B4-3	<b>Lab Sample ID:</b>	1706233-015A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 14:00		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 3546_TPH	<b>Prep Batch Date/Time:</b> 7/6/17	10:58:00AM
<b>Prep Batch ID:</b> 7897	<b>Prep Analyst:</b> LIMBAT	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	10	8.5	20	<b>154</b>	x	mg/Kg	07/07/17	13:56	mk	425184
TPH as Motor Oil	SW8015B	10	32	100	<b>1040</b>		mg/Kg	07/07/17	13:56	mk	425184
Acceptance Limits											
Pentacosane (S)	SW8015B		59 - 129		<b>78.7</b>		%	07/07/17	13:56	mk	425184

**NOTE:** x-Diesel value the result of overlap of Oil range into Diesel range



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B4-3	<b>Lab Sample ID:</b>	1706233-015A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 14:00		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 7/7/17 1:12:00PM
<b>Prep Batch ID:</b> 7974	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	10	ND		ug/Kg	07/07/17	21:52	BP	425233
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	21:52	BP	425233
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	07/07/17	21:52	BP	425233
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	07/07/17	21:52	BP	425233
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	07/07/17	21:52	BP	425233
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	07/07/17	21:52	BP	425233
1,1-Dichloroethane	SW8260B	1	2.0	10	ND		ug/Kg	07/07/17	21:52	BP	425233
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	21:52	BP	425233
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	07/07/17	21:52	BP	425233
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	07/07/17	21:52	BP	425233
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	21:52	BP	425233
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	07/07/17	21:52	BP	425233
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	21:52	BP	425233
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	07/07/17	21:52	BP	425233
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	21:52	BP	425233
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	07/07/17	21:52	BP	425233
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	21:52	BP	425233
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	21:52	BP	425233
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	07/07/17	21:52	BP	425233
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	07/07/17	21:52	BP	425233
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	07/07/17	21:52	BP	425233
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	07/07/17	21:52	BP	425233
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	07/07/17	21:52	BP	425233
TAME	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	21:52	BP	425233
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	21:52	BP	425233
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	21:52	BP	425233
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	21:52	BP	425233
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	21:52	BP	425233
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	07/07/17	21:52	BP	425233
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	21:52	BP	425233
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	21:52	BP	425233
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	21:52	BP	425233
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	21:52	BP	425233
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	21:52	BP	425233



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B4-3	<b>Lab Sample ID:</b>	1706233-015A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 14:00		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 7/7/17 1:12:00PM
<b>Prep Batch ID:</b> 7974	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	21:52	BP	425233
1,3-Dichloropropane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	21:52	BP	425233
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	21:52	BP	425233
Chlorobenzene	SW8260B	1	1.8	10	<b>212</b>		ug/Kg	07/07/17	21:52	BP	425233
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	21:52	BP	425233
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	21:52	BP	425233
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	07/07/17	21:52	BP	425233
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	21:52	BP	425233
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	21:52	BP	425233
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	21:52	BP	425233
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	21:52	BP	425233
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	21:52	BP	425233
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	21:52	BP	425233
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	21:52	BP	425233
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	21:52	BP	425233
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	21:52	BP	425233
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	21:52	BP	425233
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	21:52	BP	425233
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	21:52	BP	425233
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	07/07/17	21:52	BP	425233
sec-Butyl Benzene	SW8260B	1	1.6	10	<b>12.1</b>		ug/Kg	07/07/17	21:52	BP	425233
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	07/07/17	21:52	BP	425233
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	21:52	BP	425233
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	21:52	BP	425233
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	07/07/17	21:52	BP	425233
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	21:52	BP	425233
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	21:52	BP	425233
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	07/07/17	21:52	BP	425233
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	07/07/17	21:52	BP	425233
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	21:52	BP	425233
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	21:52	BP	425233
2-Butanone (MEK)	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	21:52	BP	425233
(S) Dibromofluoromethane	SW8260B		59.8 - 148		<b>99.3</b>		%	07/07/17	21:52	BP	425233
(S) Toluene-d8	SW8260B		55.2 - 133		<b>96.0</b>		%	07/07/17	21:52	BP	425233



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B4-3	<b>Lab Sample ID:</b>	1706233-015A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 14:00		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 7/7/17	1:12:00PM
<b>Prep Batch ID:</b> 7974	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		132		%	07/07/17	21:52	BP	425233



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B4-3	<b>Lab Sample ID:</b>	1706233-015A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 14:00		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 7/10/17	11:58:00AM
<b>Prep Batch ID:</b> 8003	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	5	220	500	<b>8880</b>	x	ug/Kg	07/09/17	20:59	BA	425259
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		<b>114</b>		%	07/09/17	20:59	BA	425259

**NOTE:** x – Does not match pattern of reference Gasoline standard. Best match with pattern of Mineral Spirit.



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B4-8.5	<b>Lab Sample ID:</b>	1706233-017A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 14:35		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 3546-PAH	<b>Prep Batch Date/Time:</b> 7/5/17	6:03:00PM
<b>Prep Batch ID:</b> 7880	<b>Prep Analyst:</b> LIMBAT	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Naphthalene	SW8270C	1	11	200	ND		ug/Kg	07/06/17	5:42	MT	425153
2-Methylnaphthalene	SW8270C	1	10	200	ND		ug/Kg	07/06/17	5:42	MT	425153
1-Methylnaphthalene	SW8270C	1	12	200	ND		ug/Kg	07/06/17	5:42	MT	425153
Acenaphthylene	SW8270C	1	8.3	200	ND		ug/Kg	07/06/17	5:42	MT	425153
Acenaphthene	SW8270C	1	11	200	ND		ug/Kg	07/06/17	5:42	MT	425153
Fluorene	SW8270C	1	10	200	ND		ug/Kg	07/06/17	5:42	MT	425153
Phenanthrene	SW8270C	1	9.3	200	ND		ug/Kg	07/06/17	5:42	MT	425153
Anthracene	SW8270C	1	8.9	200	ND		ug/Kg	07/06/17	5:42	MT	425153
Fluoranthene	SW8270C	1	10	200	ND		ug/Kg	07/06/17	5:42	MT	425153
Pyrene	SW8270C	1	12	200	ND		ug/Kg	07/06/17	5:42	MT	425153
Benz[a]anthracene	SW8270C	1	9.8	200	ND		ug/Kg	07/06/17	5:42	MT	425153
Chrysene	SW8270C	1	15	200	ND		ug/Kg	07/06/17	5:42	MT	425153
Benzo[b]fluoranthene	SW8270C	1	12	200	ND		ug/Kg	07/06/17	5:42	MT	425153
Benzo[k]fluoranthene	SW8270C	1	8.1	200	ND		ug/Kg	07/06/17	5:42	MT	425153
Benzo[a]pyrene	SW8270C	1	9.8	200	ND		ug/Kg	07/06/17	5:42	MT	425153
Indeno[1,2,3-cd]pyrene	SW8270C	1	14	200	ND		ug/Kg	07/06/17	5:42	MT	425153
Dibenz[a,h]anthracene	SW8270C	1	13	200	ND		ug/Kg	07/06/17	5:42	MT	425153
Benzo[g,h,i]perylene	SW8270C	1	17	200	ND		ug/Kg	07/06/17	5:42	MT	425153
Acceptance Limits											
Nitrobenzene-d5 (S)	SW8270C		23 - 120		<b>71.1</b>		%	07/06/17	5:42	MT	425153
2-Fluorobiphenyl (S)	SW8270C		30 - 115		<b>80.1</b>		%	07/06/17	5:42	MT	425153
p-Terphenyl-d14 (S)	SW8270C		18 - 137		<b>67.4</b>		%	07/06/17	5:42	MT	425153



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B4-8.5	<b>Lab Sample ID:</b>	1706233-017A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 14:35		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 3546_TPH	<b>Prep Batch Date/Time:</b> 7/6/17	10:58:00AM
<b>Prep Batch ID:</b> 7897	<b>Prep Analyst:</b> LIMBAT	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.85	2.0	4.08	x	mg/Kg	07/06/17	23:24	mk	425184
TPH as Motor Oil	SW8015B	1	3.2	10	24.8		mg/Kg	07/06/17	23:24	mk	425184
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		71.2		%	07/06/17	23:24	mk	425184

**NOTE:** x-Diesel value the result of overlap of Oil range into Diesel range



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B4-8.5	<b>Lab Sample ID:</b>	1706233-017A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 14:35		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 7/7/17 1:12:00PM
<b>Prep Batch ID:</b> 7974	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	10	ND		ug/Kg	07/07/17	22:24	BP	425233
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	22:24	BP	425233
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	07/07/17	22:24	BP	425233
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	07/07/17	22:24	BP	425233
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	07/07/17	22:24	BP	425233
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	07/07/17	22:24	BP	425233
1,1-Dichloroethane	SW8260B	1	2.0	10	ND		ug/Kg	07/07/17	22:24	BP	425233
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	22:24	BP	425233
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	07/07/17	22:24	BP	425233
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	07/07/17	22:24	BP	425233
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	22:24	BP	425233
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	07/07/17	22:24	BP	425233
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	22:24	BP	425233
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	07/07/17	22:24	BP	425233
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	22:24	BP	425233
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	07/07/17	22:24	BP	425233
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	22:24	BP	425233
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	22:24	BP	425233
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	07/07/17	22:24	BP	425233
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	07/07/17	22:24	BP	425233
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	07/07/17	22:24	BP	425233
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	07/07/17	22:24	BP	425233
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	07/07/17	22:24	BP	425233
TAME	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	22:24	BP	425233
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	22:24	BP	425233
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	22:24	BP	425233
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	22:24	BP	425233
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	22:24	BP	425233
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	07/07/17	22:24	BP	425233
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	22:24	BP	425233
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	22:24	BP	425233
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	22:24	BP	425233
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	22:24	BP	425233
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	22:24	BP	425233





## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B4-8.5	<b>Lab Sample ID:</b>	1706233-017A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 14:35		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 7/7/17 1:12:00PM
<b>Prep Batch ID:</b> 7974	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	22:24	BP	425233
1,3-Dichloropropane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	22:24	BP	425233
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	22:24	BP	425233
Chlorobenzene	SW8260B	1	1.8	10	<b>148</b>		ug/Kg	07/07/17	22:24	BP	425233
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	22:24	BP	425233
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	22:24	BP	425233
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	07/07/17	22:24	BP	425233
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	22:24	BP	425233
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	22:24	BP	425233
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	22:24	BP	425233
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	22:24	BP	425233
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	22:24	BP	425233
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	22:24	BP	425233
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	22:24	BP	425233
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	22:24	BP	425233
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	22:24	BP	425233
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	22:24	BP	425233
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	22:24	BP	425233
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	22:24	BP	425233
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	07/07/17	22:24	BP	425233
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	22:24	BP	425233
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	07/07/17	22:24	BP	425233
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	22:24	BP	425233
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	22:24	BP	425233
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	07/07/17	22:24	BP	425233
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	22:24	BP	425233
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	22:24	BP	425233
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	07/07/17	22:24	BP	425233
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	07/07/17	22:24	BP	425233
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	22:24	BP	425233
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	22:24	BP	425233
2-Butanone (MEK)	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	22:24	BP	425233
(S) Dibromofluoromethane	SW8260B		59.8 - 148		<b>92.9</b>		%	07/07/17	22:24	BP	425233
(S) Toluene-d8	SW8260B		55.2 - 133		<b>92.9</b>		%	07/07/17	22:24	BP	425233



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B4-8.5	<b>Lab Sample ID:</b>	1706233-017A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 14:35		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 7/7/17	1:12:00PM
<b>Prep Batch ID:</b> 7974	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		94.8		%	07/07/17	22:24	BP	425233



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B4-8.5	<b>Lab Sample ID:</b>	1706233-017A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 14:35		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 7/7/17	1:12:00PM
<b>Prep Batch ID:</b> 7975	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	<b>252</b>	x	ug/Kg	07/07/17	22:24	BP	425233
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		<b>88.4</b>		%	07/07/17	22:24	BP	425233

**NOTE:** x - Does not match pattern of reference Gasoline standard. Reported value is the result of discrete peak of non-gasoline compounds within range of C5-C12 quantified as Gasoline.



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B4-10	<b>Lab Sample ID:</b>	1706233-018A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 14:25		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 3546-PAH	<b>Prep Batch Date/Time:</b> 7/5/17	6:03:00PM
<b>Prep Batch ID:</b> 7880	<b>Prep Analyst:</b> LIMBAT	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Naphthalene	SW8270C	1	11	200	ND		ug/Kg	07/06/17	6:11	MT	425153
2-Methylnaphthalene	SW8270C	1	10	200	ND		ug/Kg	07/06/17	6:11	MT	425153
1-Methylnaphthalene	SW8270C	1	12	200	ND		ug/Kg	07/06/17	6:11	MT	425153
Acenaphthylene	SW8270C	1	8.3	200	ND		ug/Kg	07/06/17	6:11	MT	425153
Acenaphthene	SW8270C	1	11	200	ND		ug/Kg	07/06/17	6:11	MT	425153
Fluorene	SW8270C	1	10	200	ND		ug/Kg	07/06/17	6:11	MT	425153
Phenanthrene	SW8270C	1	9.3	200	ND		ug/Kg	07/06/17	6:11	MT	425153
Anthracene	SW8270C	1	8.9	200	ND		ug/Kg	07/06/17	6:11	MT	425153
Fluoranthene	SW8270C	1	10	200	ND		ug/Kg	07/06/17	6:11	MT	425153
Pyrene	SW8270C	1	12	200	ND		ug/Kg	07/06/17	6:11	MT	425153
Benz[a]anthracene	SW8270C	1	9.8	200	ND		ug/Kg	07/06/17	6:11	MT	425153
Chrysene	SW8270C	1	15	200	ND		ug/Kg	07/06/17	6:11	MT	425153
Benzo[b]fluoranthene	SW8270C	1	12	200	ND		ug/Kg	07/06/17	6:11	MT	425153
Benzo[k]fluoranthene	SW8270C	1	8.1	200	ND		ug/Kg	07/06/17	6:11	MT	425153
Benzo[a]pyrene	SW8270C	1	9.8	200	ND		ug/Kg	07/06/17	6:11	MT	425153
Indeno[1,2,3-cd]pyrene	SW8270C	1	14	200	ND		ug/Kg	07/06/17	6:11	MT	425153
Dibenz[a,h]anthracene	SW8270C	1	13	200	ND		ug/Kg	07/06/17	6:11	MT	425153
Benzo[g,h,i]perylene	SW8270C	1	17	200	ND		ug/Kg	07/06/17	6:11	MT	425153
Acceptance Limits											
Nitrobenzene-d5 (S)	SW8270C		23 - 120		<b>67.7</b>		%	07/06/17	6:11	MT	425153
2-Fluorobiphenyl (S)	SW8270C		30 - 115		<b>76.5</b>		%	07/06/17	6:11	MT	425153
p-Terphenyl-d14 (S)	SW8270C		18 - 137		<b>71.9</b>		%	07/06/17	6:11	MT	425153



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B4-10	<b>Lab Sample ID:</b>	1706233-018A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 14:25		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 3546_TPH	<b>Prep Batch Date/Time:</b> 7/6/17	10:58:00AM
<b>Prep Batch ID:</b> 7897	<b>Prep Analyst:</b> LIMBAT	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	3	2.6	6.0	<b>24.7</b>	x	mg/Kg	07/07/17	14:22	mk	425184
TPH as Motor Oil	SW8015B	3	9.5	30	<b>180</b>		mg/Kg	07/07/17	14:22	mk	425184
Acceptance Limits											
Pentacosane (S)	SW8015B		59 - 129		<b>71.2</b>		%	07/07/17	14:22	mk	425184

**NOTE:** x-Diesel value the result of overlap of Oil range into Diesel range



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B4-10	<b>Lab Sample ID:</b>	1706233-018A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 14:25		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 7/7/17 1:12:00PM
<b>Prep Batch ID:</b> 7974	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	10	ND		ug/Kg	07/07/17	22:56	BP	425233
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	22:56	BP	425233
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	07/07/17	22:56	BP	425233
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	07/07/17	22:56	BP	425233
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	07/07/17	22:56	BP	425233
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	07/07/17	22:56	BP	425233
1,1-Dichloroethane	SW8260B	1	2.0	10	ND		ug/Kg	07/07/17	22:56	BP	425233
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	22:56	BP	425233
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	07/07/17	22:56	BP	425233
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	07/07/17	22:56	BP	425233
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	22:56	BP	425233
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	07/07/17	22:56	BP	425233
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	22:56	BP	425233
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	07/07/17	22:56	BP	425233
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	22:56	BP	425233
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	07/07/17	22:56	BP	425233
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	22:56	BP	425233
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	22:56	BP	425233
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	07/07/17	22:56	BP	425233
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	07/07/17	22:56	BP	425233
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	07/07/17	22:56	BP	425233
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	07/07/17	22:56	BP	425233
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	07/07/17	22:56	BP	425233
TAME	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	22:56	BP	425233
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	22:56	BP	425233
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	22:56	BP	425233
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	22:56	BP	425233
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	22:56	BP	425233
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	07/07/17	22:56	BP	425233
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	22:56	BP	425233
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	22:56	BP	425233
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	22:56	BP	425233
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	22:56	BP	425233
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	22:56	BP	425233



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B4-10	<b>Lab Sample ID:</b>	1706233-018A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 14:25		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 7/7/17 1:12:00PM
<b>Prep Batch ID:</b> 7974	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	22:56	BP	425233
1,3-Dichloropropane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	22:56	BP	425233
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	22:56	BP	425233
Chlorobenzene	SW8260B	1	1.8	10	171		ug/Kg	07/07/17	22:56	BP	425233
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	22:56	BP	425233
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	22:56	BP	425233
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	07/07/17	22:56	BP	425233
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	22:56	BP	425233
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	22:56	BP	425233
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	22:56	BP	425233
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	22:56	BP	425233
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	22:56	BP	425233
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	22:56	BP	425233
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	22:56	BP	425233
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	22:56	BP	425233
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	22:56	BP	425233
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	22:56	BP	425233
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	22:56	BP	425233
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	22:56	BP	425233
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	07/07/17	22:56	BP	425233
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	22:56	BP	425233
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	07/07/17	22:56	BP	425233
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	22:56	BP	425233
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	22:56	BP	425233
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	07/07/17	22:56	BP	425233
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	22:56	BP	425233
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	22:56	BP	425233
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	07/07/17	22:56	BP	425233
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	07/07/17	22:56	BP	425233
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	22:56	BP	425233
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	22:56	BP	425233
2-Butanone (MEK)	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	22:56	BP	425233
(S) Dibromofluoromethane	SW8260B		59.8 - 148		94.9		%	07/07/17	22:56	BP	425233
(S) Toluene-d8	SW8260B		55.2 - 133		94.7		%	07/07/17	22:56	BP	425233



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B4-10	<b>Lab Sample ID:</b>	1706233-018A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 14:25		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 7/7/17	1:12:00PM
<b>Prep Batch ID:</b> 7974	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		91.8		%	07/07/17	22:56	BP	425233





## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B4-10	<b>Lab Sample ID:</b>	1706233-018A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 14:25		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 7/7/17	1:12:00PM
<b>Prep Batch ID:</b> 7975	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	<b>209</b>	x	ug/Kg	07/07/17	22:56	BP	425233
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		<b>85.1</b>		%	07/07/17	22:56	BP	425233

**NOTE:** x - Does not match pattern of reference Gasoline standard. Reported value is the result of discrete peak of non-gasoline compounds within range of C5-C12 quantified as Gasoline.



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B4-15	<b>Lab Sample ID:</b>	1706233-019A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 14:45		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 3546-PAH	<b>Prep Batch Date/Time:</b> 7/5/17	6:03:00PM
<b>Prep Batch ID:</b> 7880	<b>Prep Analyst:</b> LIMBAT	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Naphthalene	SW8270C	1	11	200	ND		ug/Kg	07/06/17	6:39	MT	425153
2-Methylnaphthalene	SW8270C	1	10	200	ND		ug/Kg	07/06/17	6:39	MT	425153
1-Methylnaphthalene	SW8270C	1	12	200	ND		ug/Kg	07/06/17	6:39	MT	425153
Acenaphthylene	SW8270C	1	8.3	200	ND		ug/Kg	07/06/17	6:39	MT	425153
Acenaphthene	SW8270C	1	11	200	ND		ug/Kg	07/06/17	6:39	MT	425153
Fluorene	SW8270C	1	10	200	ND		ug/Kg	07/06/17	6:39	MT	425153
Phenanthrene	SW8270C	1	9.3	200	ND		ug/Kg	07/06/17	6:39	MT	425153
Anthracene	SW8270C	1	8.9	200	ND		ug/Kg	07/06/17	6:39	MT	425153
Fluoranthene	SW8270C	1	10	200	ND		ug/Kg	07/06/17	6:39	MT	425153
Pyrene	SW8270C	1	12	200	ND		ug/Kg	07/06/17	6:39	MT	425153
Benz[a]anthracene	SW8270C	1	9.8	200	ND		ug/Kg	07/06/17	6:39	MT	425153
Chrysene	SW8270C	1	15	200	ND		ug/Kg	07/06/17	6:39	MT	425153
Benzo[b]fluoranthene	SW8270C	1	12	200	ND		ug/Kg	07/06/17	6:39	MT	425153
Benzo[k]fluoranthene	SW8270C	1	8.1	200	ND		ug/Kg	07/06/17	6:39	MT	425153
Benzo[a]pyrene	SW8270C	1	9.8	200	ND		ug/Kg	07/06/17	6:39	MT	425153
Indeno[1,2,3-cd]pyrene	SW8270C	1	14	200	ND		ug/Kg	07/06/17	6:39	MT	425153
Dibenz[a,h]anthracene	SW8270C	1	13	200	ND		ug/Kg	07/06/17	6:39	MT	425153
Benzo[g,h,i]perylene	SW8270C	1	17	200	ND		ug/Kg	07/06/17	6:39	MT	425153
Acceptance Limits											
Nitrobenzene-d5 (S)	SW8270C		23 - 120		<b>68.5</b>		%	07/06/17	6:39	MT	425153
2-Fluorobiphenyl (S)	SW8270C		30 - 115		<b>76.2</b>		%	07/06/17	6:39	MT	425153
p-Terphenyl-d14 (S)	SW8270C		18 - 137		<b>71.7</b>		%	07/06/17	6:39	MT	425153



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B4-15	<b>Lab Sample ID:</b>	1706233-019A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 14:45		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 3546_TPH	<b>Prep Batch Date/Time:</b> 7/6/17	10:58:00AM
<b>Prep Batch ID:</b> 7897	<b>Prep Analyst:</b> LIMBAT	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.85	2.0	<b>7.32</b>	x	mg/Kg	07/07/17	0:13	mk	425184
TPH as Motor Oil	SW8015B	1	3.2	10	<b>38.7</b>		mg/Kg	07/07/17	0:13	mk	425184
Acceptance Limits											
Pentacosane (S)	SW8015B		59 - 129		<b>92.0</b>		%	07/07/17	0:13	mk	425184

**NOTE:** x-Diesel value the result of overlap of Oil range into Diesel range



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B4-15	<b>Lab Sample ID:</b>	1706233-019A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 14:45		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 7/7/17 9:33:00AM
<b>Prep Batch ID:</b> 7963	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	10	ND		ug/Kg	07/07/17	19:24	BP	425227
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	19:24	BP	425227
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	07/07/17	19:24	BP	425227
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	07/07/17	19:24	BP	425227
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	07/07/17	19:24	BP	425227
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	07/07/17	19:24	BP	425227
1,1-Dichloroethane	SW8260B	1	2.0	10	ND		ug/Kg	07/07/17	19:24	BP	425227
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	19:24	BP	425227
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	07/07/17	19:24	BP	425227
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	07/07/17	19:24	BP	425227
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	19:24	BP	425227
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	07/07/17	19:24	BP	425227
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	19:24	BP	425227
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	07/07/17	19:24	BP	425227
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	19:24	BP	425227
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	07/07/17	19:24	BP	425227
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	19:24	BP	425227
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	19:24	BP	425227
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	07/07/17	19:24	BP	425227
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	07/07/17	19:24	BP	425227
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	07/07/17	19:24	BP	425227
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	07/07/17	19:24	BP	425227
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	07/07/17	19:24	BP	425227
TAME	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	19:24	BP	425227
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	19:24	BP	425227
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	19:24	BP	425227
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	19:24	BP	425227
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	19:24	BP	425227
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	07/07/17	19:24	BP	425227
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	19:24	BP	425227
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	19:24	BP	425227
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	19:24	BP	425227
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	19:24	BP	425227
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	19:24	BP	425227



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B4-15	<b>Lab Sample ID:</b>	1706233-019A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 14:45		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 7/7/17 9:33:00AM
<b>Prep Batch ID:</b> 7963	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	19:24	BP	425227
1,3-Dichloropropane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	19:24	BP	425227
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	19:24	BP	425227
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	19:24	BP	425227
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	19:24	BP	425227
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	19:24	BP	425227
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	07/07/17	19:24	BP	425227
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	19:24	BP	425227
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	19:24	BP	425227
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	19:24	BP	425227
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	19:24	BP	425227
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	19:24	BP	425227
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	19:24	BP	425227
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	19:24	BP	425227
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	19:24	BP	425227
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	19:24	BP	425227
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/07/17	19:24	BP	425227
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	19:24	BP	425227
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	19:24	BP	425227
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	07/07/17	19:24	BP	425227
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	07/07/17	19:24	BP	425227
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	07/07/17	19:24	BP	425227
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	19:24	BP	425227
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	19:24	BP	425227
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	07/07/17	19:24	BP	425227
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	19:24	BP	425227
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	07/07/17	19:24	BP	425227
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	07/07/17	19:24	BP	425227
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	07/07/17	19:24	BP	425227
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	19:24	BP	425227
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/07/17	19:24	BP	425227
2-Butanone (MEK)	SW8260B	1	2.3	10	ND		ug/Kg	07/07/17	19:24	BP	425227
(S) Dibromofluoromethane	SW8260B		59.8 - 148		<b>94.0</b>		%	07/07/17	19:24	BP	425227
(S) Toluene-d8	SW8260B		55.2 - 133		<b>116</b>		%	07/07/17	19:24	BP	425227



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B4-15	<b>Lab Sample ID:</b>	1706233-019A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 14:45		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 7/7/17	9:33:00AM
<b>Prep Batch ID:</b> 7963	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		110		%	07/07/17	19:24	BP	425227



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B4-15	<b>Lab Sample ID:</b>	1706233-019A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 14:45		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 7/7/17	9:33:00AM
<b>Prep Batch ID:</b> 7964	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	07/07/17	19:24	BP	425227
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		<b>87.7</b>		%	07/07/17	19:24	BP	425227



### MB Summary Report

<b>Work Order:</b>	1706233	<b>Prep Method:</b>	3546-PAH	<b>Prep Date:</b>	07/05/17	<b>Prep Batch:</b>	7880
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8270C	<b>Analyzed Date:</b>	7/5/2017	<b>Analytical Batch:</b>	425153
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Naphthalene	11	200	ND	
2-Methylnaphthalene	10	200	ND	
1-Methylnaphthalene	12	200	ND	
Acenaphthylene	8.3	200	ND	
Acenaphthene	11	200	ND	
Fluorene	10	200	ND	
Phenanthrene	9.3	200	ND	
Anthracene	8.9	200	ND	
Fluoranthene	10	200	ND	
Pyrene	12	200	ND	
Benz[a]anthracene	9.8	200	ND	
Chrysene	15	200	ND	
Benzo[b]fluoranthene	12	200	ND	
Benzo[k]fluoranthene	8.1	200	ND	
Benzo[a]pyrene	9.8	200	ND	
Indeno[1,2,3-cd]pyrene	14	200	ND	
Dibenz[a,h]anthracene	13	200	ND	
Benzo[g,h,i]perylene	17	200	ND	
Nitrobenzene-d5 (S)			71.1	
2-Fluorobiphenyl (S)			85.5	
p-Terphenyl-d14 (S)			82.1	

<b>Work Order:</b>	1706233	<b>Prep Method:</b>	3546_TPH	<b>Prep Date:</b>	07/06/17	<b>Prep Batch:</b>	7897
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8015B	<b>Analyzed Date:</b>	7/6/2017	<b>Analytical Batch:</b>	425184
<b>Units:</b>	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH as Diesel	0.85	2.0	ND	
TPH as Motor Oil	3.2	10	ND	
Pentacosane (S)			74.0	





## MB Summary Report

<b>Work Order:</b>	1706233	<b>Prep Method:</b>	5035	<b>Prep Date:</b>	07/07/17	<b>Prep Batch:</b>	7963
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	7/7/2017	<b>Analytical Batch:</b>	425227
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Dichlorodifluoromethane	1.2	10	ND		
Chloromethane	1.8	10	ND		
Vinyl Chloride	2.0	10	ND		
Bromomethane	2.7	10	ND		
Chloroethane	3.0	10	ND		
Trichlorofluoromethane	2.1	10	ND		
1,1-Dichloroethene	2.0	10	ND		
Freon 113	1.9	10	ND		
Methylene Chloride	7.1	10	ND		
trans-1,2-Dichloroethene	2.1	10	ND		
MTBE	2.3	10	ND		
tert-Butanol	12	50	ND		
Diisopropyl ether (DIPE)	2.3	10	ND		
1,1-Dichloroethane	2.2	10	ND		
ETBE	2.3	10	ND		
cis-1,2-Dichloroethene	2.2	10	ND		
2,2-Dichloropropane	1.9	10	ND		
Bromochloromethane	2.3	10	ND		
Chloroform	2.4	10	ND		
Carbon Tetrachloride	2.1	10	ND		
1,1,1-Trichloroethane	2.1	10	ND		
1,1-Dichloropropene	2.0	10	ND		
Benzene	2.2	10	ND		
TAME	2.3	10	ND		
1,2-Dichloroethane	2.3	10	ND		
Trichloroethylene	1.8	10	ND		
Dibromomethane	1.8	10	ND		
1,2-Dichloropropane	1.9	10	ND		
Bromodichloromethane	2.0	10	ND		
cis-1,3-Dichloropropene	1.6	10	ND		
Toluene	1.8	10	ND		
Tetrachloroethylene	1.7	10	ND		
trans-1,3-Dichloropropene	1.6	10	ND		
1,1,2-Trichloroethane	1.8	10	ND		
Dibromochloromethane	1.9	10	ND		
1,3-Dichloropropane	1.8	10	ND		
1,2-Dibromoethane	1.8	10	ND		
Chlorobenzene	1.8	10	ND		
Ethyl Benzene	1.7	10	ND		
1,1,1,2-Tetrachloroethane	1.9	10	ND		
m,p-Xylene	3.2	10	ND		



## MB Summary Report

<b>Work Order:</b>	1706233	<b>Prep Method:</b>	5035	<b>Prep Date:</b>	07/07/17	<b>Prep Batch:</b>	7963
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	7/7/2017	<b>Analytical Batch:</b>	425227
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
o-Xylene	1.7	10	ND	
Styrene	1.6	10	ND	
Bromoform	1.7	10	ND	
Isopropyl Benzene	1.6	10	ND	
n-Propylbenzene	1.6	10	ND	
Bromobenzene	1.8	10	ND	
1,1,2,2-Tetrachloroethane	1.9	10	ND	
2-Chlorotoluene	1.8	10	ND	
1,3,5-Trimethylbenzene	1.6	10	ND	
1,2,3-Trichloropropane	1.9	10	ND	
4-Chlorotoluene	1.6	10	ND	
tert-Butylbenzene	1.6	10	ND	
1,2,4-Trimethylbenzene	1.4	10	ND	
sec-Butyl Benzene	1.6	10	ND	
p-Isopropyltoluene	1.5	10	ND	
1,3-Dichlorobenzene	1.7	10	ND	
1,4-Dichlorobenzene	1.7	10	ND	
n-Butylbenzene	1.5	10	ND	
1,2-Dichlorobenzene	1.8	10	ND	
1,2-Dibromo-3-Chloropropane	1.8	10	ND	
Hexachlorobutadiene	1.4	10	ND	
1,2,4-Trichlorobenzene	1.5	10	ND	
Naphthalene	1.7	10	ND	
1,2,3-Trichlorobenzene	1.7	10	ND	
2-Butanone (MEK)	1.7	10	ND	
(S) Dibromofluoromethane			90.2	
(S) Toluene-d8			111	
(S) 4-Bromofluorobenzene			112	



## MB Summary Report

<b>Work Order:</b>	1706233	<b>Prep Method:</b>	5035	<b>Prep Date:</b>	07/07/17	<b>Prep Batch:</b>	7963
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	7/7/2017	<b>Analytical Batch:</b>	425227
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Dichlorodifluoromethane	120	1000	ND		
Chloromethane	180	1000	ND		
Vinyl Chloride	200	1000	ND		
Bromomethane	270	1000	ND		
Chloroethane	300	1000	ND		
Trichlorofluoromethane	210	1000	ND		
1,1-Dichloroethene	200	1000	ND		
Freon 113	190	1000	ND		
Methylene Chloride	710	1000	ND		
trans-1,2-Dichloroethene	210	1000	ND		
MTBE	230	1000	ND		
tert-Butanol	1200	5000	ND		
Diisopropyl ether (DIPE)	230	1000	ND		
1,1-Dichloroethane	220	1000	ND		
ETBE	230	1000	ND		
cis-1,2-Dichloroethene	220	1000	ND		
2,2-Dichloropropane	190	1000	ND		
Bromochloromethane	230	1000	ND		
Chloroform	240	1000	ND		
Carbon Tetrachloride	210	1000	ND		
1,1,1-Trichloroethane	210	1000	ND		
1,1-Dichloropropene	200	1000	ND		
Benzene	220	1000	ND		
TAME	230	1000	ND		
1,2-Dichloroethane	230	1000	ND		
Trichloroethylene	180	1000	ND		
Dibromomethane	180	1000	ND		
1,2-Dichloropropane	190	1000	ND		
Bromodichloromethane	200	1000	ND		
cis-1,3-Dichloropropene	160	1000	ND		
Toluene	180	1000	ND		
Tetrachloroethylene	170	1000	ND		
trans-1,3-Dichloropropene	160	1000	ND		
1,1,2-Trichloroethane	180	1000	ND		
Dibromochloromethane	190	1000	ND		
1,3-Dichloropropane	180	1000	ND		
1,2-Dibromoethane	180	1000	ND		
Chlorobenzene	180	1000	ND		
Ethyl Benzene	170	1000	ND		
1,1,1,2-Tetrachloroethane	190	1000	ND		
m,p-Xylene	320	1000	ND		



## MB Summary Report

<b>Work Order:</b>	1706233	<b>Prep Method:</b>	5035	<b>Prep Date:</b>	07/07/17	<b>Prep Batch:</b>	7963
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	7/7/2017	<b>Analytical Batch:</b>	425227
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
o-Xylene	170	1000	ND		
Styrene	160	1000	ND		
Bromoform	170	1000	ND		
Isopropyl Benzene	160	1000	ND		
n-Propylbenzene	160	1000	ND		
Bromobenzene	180	1000	ND		
1,1,2,2-Tetrachloroethane	190	1000	ND		
2-Chlorotoluene	180	1000	ND		
1,3,5-Trimethylbenzene	160	1000	ND		
1,2,3-Trichloropropane	190	1000	ND		
4-Chlorotoluene	160	1000	ND		
tert-Butylbenzene	160	1000	ND		
1,2,4-Trimethylbenzene	140	1000	ND		
sec-Butyl Benzene	160	1000	ND		
p-Isopropyltoluene	150	1000	ND		
1,3-Dichlorobenzene	170	1000	ND		
1,4-Dichlorobenzene	170	1000	ND		
n-Butylbenzene	150	1000	ND		
1,2-Dichlorobenzene	180	1000	ND		
1,2-Dibromo-3-Chloropropane	180	1000	ND		
Hexachlorobutadiene	140	1000	ND		
1,2,4-Trichlorobenzene	150	1000	ND		
Naphthalene	170	1000	ND		
1,2,3-Trichlorobenzene	170	1000	ND		
2-Butanone (MEK)	170	1000	ND		
(S) Dibromofluoromethane			94.1		
(S) Toluene-d8			114		
(S) 4-Bromofluorobenzene			114		

<b>Work Order:</b>	1706233	<b>Prep Method:</b>	5035GRO	<b>Prep Date:</b>	07/07/17	<b>Prep Batch:</b>	7964
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	7/7/2017	<b>Analytical Batch:</b>	425227
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
TPH(Gasoline)	43	100	64		
(S) 4-Bromofluorobenzene			110		



### MB Summary Report

<b>Work Order:</b>	1706233	<b>Prep Method:</b>	5035GRO	<b>Prep Date:</b>	07/07/17	<b>Prep Batch:</b>	7964
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	7/7/2017	<b>Analytical Batch:</b>	425227
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
TPH(Gasoline)	4300	10000	7300		
(S) 4-Bromofluorobenzene			87.9		



## MB Summary Report

<b>Work Order:</b>	1706233	<b>Prep Method:</b>	5035	<b>Prep Date:</b>	07/06/17	<b>Prep Batch:</b>	7972
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	7/7/2017	<b>Analytical Batch:</b>	425232
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dichlorodifluoromethane	1.2	10	ND	
Chloromethane	1.8	10	ND	
Vinyl Chloride	2.0	10	ND	
Bromomethane	2.7	10	ND	
Chloroethane	3.0	10	ND	
Trichlorofluoromethane	2.1	10	ND	
1,1-Dichloroethene	2.0	10	ND	
Freon 113	1.9	10	ND	
Methylene Chloride	7.1	10	ND	
trans-1,2-Dichloroethene	2.1	10	ND	
MTBE	2.3	10	ND	
tert-Butanol	12	50	ND	
Diisopropyl ether (DIPE)	2.3	10	ND	
1,1-Dichloroethane	2.2	10	ND	
ETBE	2.3	10	ND	
cis-1,2-Dichloroethene	2.2	10	ND	
2,2-Dichloropropane	1.9	10	ND	
Bromochloromethane	2.3	10	ND	
Chloroform	2.4	10	ND	
Carbon Tetrachloride	2.1	10	ND	
1,1,1-Trichloroethane	2.1	10	ND	
1,1-Dichloropropene	2.0	10	ND	
Benzene	2.2	10	ND	
TAME	2.3	10	ND	
1,2-Dichloroethane	2.3	10	ND	
Trichloroethylene	1.8	10	ND	
Dibromomethane	1.8	10	ND	
1,2-Dichloropropane	1.9	10	ND	
Bromodichloromethane	2.0	10	ND	
cis-1,3-Dichloropropene	1.6	10	ND	
Toluene	1.8	10	ND	
Tetrachloroethylene	1.7	10	ND	
trans-1,3-Dichloropropene	1.6	10	ND	
1,1,2-Trichloroethane	1.8	10	ND	
Dibromochloromethane	1.9	10	ND	
1,3-Dichloropropane	1.8	10	ND	
1,2-Dibromoethane	1.8	10	ND	
Chlorobenzene	1.8	10	ND	
Ethyl Benzene	1.7	10	ND	
1,1,1,2-Tetrachloroethane	1.9	10	ND	
m,p-Xylene	3.2	10	ND	



## MB Summary Report

<b>Work Order:</b> 1706233	<b>Prep Method:</b> 5035	<b>Prep Date:</b> 07/06/17	<b>Prep Batch:</b> 7972
<b>Matrix:</b> Soil	<b>Analytical Method:</b> SW8260B	<b>Analyzed Date:</b> 7/7/2017	<b>Analytical Batch:</b> 425232
<b>Units:</b> ug/Kg			

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
o-Xylene	1.7	10	ND	
Styrene	1.6	10	ND	
Bromoform	1.7	10	ND	
Isopropyl Benzene	1.6	10	ND	
n-Propylbenzene	1.6	10	ND	
Bromobenzene	1.8	10	ND	
1,1,2,2-Tetrachloroethane	1.9	10	ND	
2-Chlorotoluene	1.8	10	ND	
1,3,5-Trimethylbenzene	1.6	10	ND	
1,2,3-Trichloropropane	1.9	10	ND	
4-Chlorotoluene	1.6	10	ND	
tert-Butylbenzene	1.6	10	ND	
1,2,4-Trimethylbenzene	1.4	10	ND	
sec-Butyl Benzene	1.6	10	ND	
p-Isopropyltoluene	1.5	10	ND	
1,3-Dichlorobenzene	1.7	10	ND	
1,4-Dichlorobenzene	1.7	10	ND	
n-Butylbenzene	1.5	10	ND	
1,2-Dichlorobenzene	1.8	10	ND	
1,2-Dibromo-3-Chloropropane	1.8	10	ND	
Hexachlorobutadiene	1.4	10	ND	
1,2,4-Trichlorobenzene	1.5	10	2.7	
Naphthalene	1.7	10	3.2	
1,2,3-Trichlorobenzene	1.7	10	ND	
2-Butanone (MEK)	1.7	10	ND	
(S) Dibromofluoromethane			95.5	
(S) Toluene-d8			96.0	
(S) 4-Bromofluorobenzene			89.4	

<b>Work Order:</b> 1706233	<b>Prep Method:</b> 5035GRO	<b>Prep Date:</b> 07/06/17	<b>Prep Batch:</b> 7973
<b>Matrix:</b> Soil	<b>Analytical Method:</b> SW8260B	<b>Analyzed Date:</b> 7/7/2017	<b>Analytical Batch:</b> 425232
<b>Units:</b> ug/Kg			

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH(Gasoline)	43	100	ND	
(S) 4-Bromofluorobenzene			69.8	



## MB Summary Report

<b>Work Order:</b>	1706233	<b>Prep Method:</b>	5035	<b>Prep Date:</b>	07/07/17	<b>Prep Batch:</b>	7974
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	7/7/2017	<b>Analytical Batch:</b>	425233
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Dichlorodifluoromethane	1.2	10	ND		
Chloromethane	1.8	10	ND		
Vinyl Chloride	2.0	10	ND		
Bromomethane	2.7	10	ND		
Chloroethane	3.0	10	ND		
Trichlorofluoromethane	2.1	10	ND		
1,1-Dichloroethene	2.0	10	ND		
Freon 113	1.9	10	ND		
Methylene Chloride	7.1	10	ND		
trans-1,2-Dichloroethene	2.1	10	ND		
MTBE	2.3	10	ND		
tert-Butanol	12	50	ND		
Diisopropyl ether (DIPE)	2.3	10	ND		
1,1-Dichloroethane	2.2	10	ND		
ETBE	2.3	10	ND		
cis-1,2-Dichloroethene	2.2	10	ND		
2,2-Dichloropropane	1.9	10	ND		
Bromochloromethane	2.3	10	ND		
Chloroform	2.4	10	ND		
Carbon Tetrachloride	2.1	10	ND		
1,1,1-Trichloroethane	2.1	10	ND		
1,1-Dichloropropene	2.0	10	ND		
Benzene	2.2	10	ND		
TAME	2.3	10	ND		
1,2-Dichloroethane	2.3	10	ND		
Trichloroethylene	1.8	10	ND		
Dibromomethane	1.8	10	ND		
1,2-Dichloropropane	1.9	10	ND		
Bromodichloromethane	2.0	10	ND		
cis-1,3-Dichloropropene	1.6	10	ND		
Toluene	1.8	10	ND		
Tetrachloroethylene	1.7	10	ND		
trans-1,3-Dichloropropene	1.6	10	ND		
1,1,2-Trichloroethane	1.8	10	ND		
Dibromochloromethane	1.9	10	ND		
1,3-Dichloropropane	1.8	10	ND		
1,2-Dibromoethane	1.8	10	ND		
Chlorobenzene	1.8	10	ND		
Ethyl Benzene	1.7	10	ND		
1,1,1,2-Tetrachloroethane	1.9	10	ND		
m,p-Xylene	3.2	10	ND		





## MB Summary Report

<b>Work Order:</b>	1706233	<b>Prep Method:</b>	5035	<b>Prep Date:</b>	07/07/17	<b>Prep Batch:</b>	7974
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	7/7/2017	<b>Analytical Batch:</b>	425233
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
o-Xylene	1.7	10	ND		
Styrene	1.6	10	ND		
Bromoform	1.7	10	ND		
Isopropyl Benzene	1.6	10	ND		
n-Propylbenzene	1.6	10	ND		
Bromobenzene	1.8	10	ND		
1,1,2,2-Tetrachloroethane	1.9	10	ND		
2-Chlorotoluene	1.8	10	ND		
1,3,5-Trimethylbenzene	1.6	10	ND		
1,2,3-Trichloropropane	1.9	10	ND		
4-Chlorotoluene	1.6	10	ND		
tert-Butylbenzene	1.6	10	ND		
1,2,4-Trimethylbenzene	1.4	10	ND		
sec-Butyl Benzene	1.6	10	ND		
p-Isopropyltoluene	1.5	10	ND		
1,3-Dichlorobenzene	1.7	10	ND		
1,4-Dichlorobenzene	1.7	10	ND		
n-Butylbenzene	1.5	10	1.6		
1,2-Dichlorobenzene	1.8	10	ND		
1,2-Dibromo-3-Chloropropane	1.8	10	ND		
Hexachlorobutadiene	1.4	10	ND		
1,2,4-Trichlorobenzene	1.5	10	3.2		
Naphthalene	1.7	10	4.1		
1,2,3-Trichlorobenzene	1.7	10	3.9		
2-Butanone (MEK)	1.7	10	ND		
(S) Dibromofluoromethane			91.4		
(S) Toluene-d8			96.1		
(S) 4-Bromofluorobenzene			90.5		

<b>Work Order:</b>	1706233	<b>Prep Method:</b>	5035GRO	<b>Prep Date:</b>	07/07/17	<b>Prep Batch:</b>	7975
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	7/7/2017	<b>Analytical Batch:</b>	425233
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
TPH(Gasoline)	43	100	ND		
(S) 4-Bromofluorobenzene			83.8		



## MB Summary Report

<b>Work Order:</b>	1706233	<b>Prep Method:</b>	5035	<b>Prep Date:</b>	07/08/17	<b>Prep Batch:</b>	7976
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	7/8/2017	<b>Analytical Batch:</b>	425235
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dichlorodifluoromethane	1.2	10	ND	
Chloromethane	1.8	10	ND	
Vinyl Chloride	2.0	10	ND	
Bromomethane	2.7	10	ND	
Chloroethane	3.0	10	ND	
Trichlorofluoromethane	2.1	10	ND	
1,1-Dichloroethene	2.0	10	ND	
Freon 113	1.9	10	ND	
Methylene Chloride	7.1	10	ND	
trans-1,2-Dichloroethene	2.1	10	ND	
MTBE	2.3	10	ND	
tert-Butanol	12	50	ND	
Diisopropyl ether (DIPE)	2.3	10	ND	
1,1-Dichloroethane	2.2	10	ND	
ETBE	2.3	10	ND	
cis-1,2-Dichloroethene	2.2	10	ND	
2,2-Dichloropropane	1.9	10	ND	
Bromochloromethane	2.3	10	ND	
Chloroform	2.4	10	ND	
Carbon Tetrachloride	2.1	10	ND	
1,1,1-Trichloroethane	2.1	10	ND	
1,1-Dichloropropene	2.0	10	ND	
Benzene	2.2	10	ND	
TAME	2.3	10	ND	
1,2-Dichloroethane	2.3	10	ND	
Trichloroethylene	1.8	10	ND	
Dibromomethane	1.8	10	ND	
1,2-Dichloropropane	1.9	10	ND	
Bromodichloromethane	2.0	10	ND	
cis-1,3-Dichloropropene	1.6	10	ND	
Toluene	1.8	10	ND	
Tetrachloroethylene	1.7	10	ND	
trans-1,3-Dichloropropene	1.6	10	ND	
1,1,2-Trichloroethane	1.8	10	ND	
Dibromochloromethane	1.9	10	ND	
1,3-Dichloropropane	1.8	10	ND	
1,2-Dibromoethane	1.8	10	ND	
Chlorobenzene	1.8	10	ND	
Ethyl Benzene	1.7	10	ND	
1,1,1,2-Tetrachloroethane	1.9	10	ND	
m,p-Xylene	3.2	10	ND	



## MB Summary Report

<b>Work Order:</b>	1706233	<b>Prep Method:</b>	5035	<b>Prep Date:</b>	07/08/17	<b>Prep Batch:</b>	7976
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	7/8/2017	<b>Analytical Batch:</b>	425235
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
o-Xylene	1.7	10	ND		
Styrene	1.6	10	ND		
Bromoform	1.7	10	ND		
Isopropyl Benzene	1.6	10	ND		
n-Propylbenzene	1.6	10	ND		
Bromobenzene	1.8	10	ND		
1,1,2,2-Tetrachloroethane	1.9	10	ND		
2-Chlorotoluene	1.8	10	ND		
1,3,5-Trimethylbenzene	1.6	10	ND		
1,2,3-Trichloropropane	1.9	10	ND		
4-Chlorotoluene	1.6	10	ND		
tert-Butylbenzene	1.6	10	ND		
1,2,4-Trimethylbenzene	1.4	10	ND		
sec-Butyl Benzene	1.6	10	ND		
p-Isopropyltoluene	1.5	10	ND		
1,3-Dichlorobenzene	1.7	10	ND		
1,4-Dichlorobenzene	1.7	10	ND		
n-Butylbenzene	1.5	10	1.5		
1,2-Dichlorobenzene	1.8	10	ND		
1,2-Dibromo-3-Chloropropane	1.8	10	ND		
Hexachlorobutadiene	1.4	10	ND		
1,2,4-Trichlorobenzene	1.5	10	2.7		
Naphthalene	1.7	10	3.3		
1,2,3-Trichlorobenzene	1.7	10	3.2		
2-Butanone (MEK)	1.7	10	ND		
(S) Dibromofluoromethane			97.6		
(S) Toluene-d8			94.1		
(S) 4-Bromofluorobenzene			91.8		

<b>Work Order:</b>	1706233	<b>Prep Method:</b>	5035GRO	<b>Prep Date:</b>	07/08/17	<b>Prep Batch:</b>	7977
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	7/8/2017	<b>Analytical Batch:</b>	425235
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
TPH(Gasoline)	43	100	68		
(S) 4-Bromofluorobenzene			94.6		



## MB Summary Report

<b>Work Order:</b>	1706233	<b>Prep Method:</b>	5035	<b>Prep Date:</b>	07/09/17	<b>Prep Batch:</b>	8002
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	7/9/2017	<b>Analytical Batch:</b>	425259
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dichlorodifluoromethane	1.2	10	ND	
Chloromethane	1.8	10	ND	
Vinyl Chloride	2.0	10	ND	
Bromomethane	2.7	10	ND	
Chloroethane	3.0	10	ND	
Trichlorofluoromethane	2.1	10	ND	
1,1-Dichloroethene	2.0	10	ND	
Freon 113	1.9	10	ND	
Methylene Chloride	7.1	10	ND	
trans-1,2-Dichloroethene	2.1	10	ND	
MTBE	2.3	10	ND	
tert-Butanol	12	50	ND	
Diisopropyl ether (DIPE)	2.3	10	ND	
1,1-Dichloroethane	2.2	10	ND	
ETBE	2.3	10	ND	
cis-1,2-Dichloroethene	2.2	10	ND	
2,2-Dichloropropane	1.9	10	ND	
Bromochloromethane	2.3	10	ND	
Chloroform	2.4	10	ND	
Carbon Tetrachloride	2.1	10	ND	
1,1,1-Trichloroethane	2.1	10	ND	
1,1-Dichloropropene	2.0	10	ND	
Benzene	2.2	10	ND	
TAME	2.3	10	ND	
1,2-Dichloroethane	2.3	10	ND	
Trichloroethylene	1.8	10	ND	
Dibromomethane	1.8	10	ND	
1,2-Dichloropropane	1.9	10	ND	
Bromodichloromethane	2.0	10	ND	
cis-1,3-Dichloropropene	1.6	10	ND	
Toluene	1.8	10	ND	
Tetrachloroethylene	1.7	10	ND	
trans-1,3-Dichloropropene	1.6	10	ND	
1,1,2-Trichloroethane	1.8	10	ND	
Dibromochloromethane	1.9	10	ND	
1,3-Dichloropropane	1.8	10	ND	
1,2-Dibromoethane	1.8	10	ND	
Chlorobenzene	1.8	10	ND	
Ethyl Benzene	1.7	10	ND	
1,1,1,2-Tetrachloroethane	1.9	10	ND	
m,p-Xylene	3.2	10	ND	



## MB Summary Report

<b>Work Order:</b> 1706233	<b>Prep Method:</b> 5035	<b>Prep Date:</b> 07/09/17	<b>Prep Batch:</b> 8002
<b>Matrix:</b> Soil	<b>Analytical Method:</b> SW8260B	<b>Analyzed Date:</b> 7/9/2017	<b>Analytical Batch:</b> 425259
<b>Units:</b> ug/Kg			

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
o-Xylene	1.7	10	ND	
Styrene	1.6	10	ND	
Bromoform	1.7	10	ND	
Isopropyl Benzene	1.6	10	ND	
n-Propylbenzene	1.6	10	ND	
Bromobenzene	1.8	10	ND	
1,1,2,2-Tetrachloroethane	1.9	10	ND	
2-Chlorotoluene	1.8	10	ND	
1,3,5-Trimethylbenzene	1.6	10	ND	
1,2,3-Trichloropropane	1.9	10	ND	
4-Chlorotoluene	1.6	10	ND	
tert-Butylbenzene	1.6	10	ND	
1,2,4-Trimethylbenzene	1.4	10	ND	
sec-Butyl Benzene	1.6	10	ND	
p-Isopropyltoluene	1.5	10	ND	
1,3-Dichlorobenzene	1.7	10	ND	
1,4-Dichlorobenzene	1.7	10	ND	
n-Butylbenzene	1.5	10	1.5	
1,2-Dichlorobenzene	1.8	10	ND	
1,2-Dibromo-3-Chloropropane	1.8	10	ND	
Hexachlorobutadiene	1.4	10	ND	
1,2,4-Trichlorobenzene	1.5	10	2.9	
Naphthalene	1.7	10	3.3	
1,2,3-Trichlorobenzene	1.7	10	3.3	
2-Butanone (MEK)	1.7	10	ND	
(S) Dibromofluoromethane			90.4	
(S) Toluene-d8			96.5	
(S) 4-Bromofluorobenzene			88.8	

<b>Work Order:</b> 1706233	<b>Prep Method:</b> 5035GRO	<b>Prep Date:</b> 07/10/17	<b>Prep Batch:</b> 8003
<b>Matrix:</b> Soil	<b>Analytical Method:</b> SW8260B	<b>Analyzed Date:</b> 7/9/2017	<b>Analytical Batch:</b> 425259
<b>Units:</b> ug/Kg			

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH(Gasoline)	43	100	ND	
(S) 4-Bromofluorobenzene			84.7	



## MB Summary Report

<b>Work Order:</b>	1706233	<b>Prep Method:</b>	5035	<b>Prep Date:</b>	07/10/17	<b>Prep Batch:</b>	8008
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	7/10/2017	<b>Analytical Batch:</b>	425264
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Dichlorodifluoromethane	1.2	10	ND		
Chloromethane	1.8	10	ND		
Vinyl Chloride	2.0	10	ND		
Bromomethane	2.7	10	ND		
Chloroethane	3.0	10	ND		
Trichlorofluoromethane	2.1	10	ND		
1,1-Dichloroethene	2.0	10	ND		
Freon 113	1.9	10	ND		
Methylene Chloride	7.1	10	ND		
trans-1,2-Dichloroethene	2.1	10	ND		
MTBE	2.3	10	ND		
tert-Butanol	12	50	ND		
Diisopropyl ether (DIPE)	2.3	10	ND		
1,1-Dichloroethane	2.2	10	ND		
ETBE	2.3	10	ND		
cis-1,2-Dichloroethene	2.2	10	ND		
2,2-Dichloropropane	1.9	10	ND		
Bromochloromethane	2.3	10	ND		
Chloroform	2.4	10	ND		
Carbon Tetrachloride	2.1	10	ND		
1,1,1-Trichloroethane	2.1	10	ND		
1,1-Dichloropropene	2.0	10	ND		
Benzene	2.2	10	ND		
TAME	2.3	10	ND		
1,2-Dichloroethane	2.3	10	ND		
Trichloroethylene	1.8	10	ND		
Dibromomethane	1.8	10	ND		
1,2-Dichloropropane	1.9	10	ND		
Bromodichloromethane	2.0	10	ND		
cis-1,3-Dichloropropene	1.6	10	ND		
Toluene	1.8	10	ND		
Tetrachloroethylene	1.7	10	ND		
trans-1,3-Dichloropropene	1.6	10	ND		
1,1,2-Trichloroethane	1.8	10	ND		
Dibromochloromethane	1.9	10	ND		
1,3-Dichloropropane	1.8	10	ND		
1,2-Dibromoethane	1.8	10	ND		
Chlorobenzene	1.8	10	ND		
Ethyl Benzene	1.7	10	ND		
1,1,1,2-Tetrachloroethane	1.9	10	ND		
m,p-Xylene	3.2	10	ND		



## MB Summary Report

<b>Work Order:</b>	1706233	<b>Prep Method:</b>	5035	<b>Prep Date:</b>	07/10/17	<b>Prep Batch:</b>	8008
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	7/10/2017	<b>Analytical Batch:</b>	425264
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
o-Xylene	1.7	10	ND	
Styrene	1.6	10	ND	
Bromoform	1.7	10	ND	
Isopropyl Benzene	1.6	10	ND	
n-Propylbenzene	1.6	10	ND	
Bromobenzene	1.8	10	ND	
1,1,2,2-Tetrachloroethane	1.9	10	ND	
2-Chlorotoluene	1.8	10	ND	
1,3,5-Trimethylbenzene	1.6	10	ND	
1,2,3-Trichloropropane	1.9	10	ND	
4-Chlorotoluene	1.6	10	ND	
tert-Butylbenzene	1.6	10	ND	
1,2,4-Trimethylbenzene	1.4	10	ND	
sec-Butyl Benzene	1.6	10	ND	
p-Isopropyltoluene	1.5	10	ND	
1,3-Dichlorobenzene	1.7	10	ND	
1,4-Dichlorobenzene	1.7	10	ND	
n-Butylbenzene	1.5	10	ND	
1,2-Dichlorobenzene	1.8	10	ND	
1,2-Dibromo-3-Chloropropane	1.8	10	ND	
Hexachlorobutadiene	1.4	10	3.4	
1,2,4-Trichlorobenzene	1.5	10	2.8	
Naphthalene	1.7	10	3.5	
1,2,3-Trichlorobenzene	1.7	10	4.2	
2-Butanone (MEK)	1.7	10	ND	
(S) Dibromofluoromethane			91.3	
(S) Toluene-d8			117	
(S) 4-Bromofluorobenzene			114	



## LCS/LCSD Summary Report

*Raw values are used in quality control assessment.*

<b>Work Order:</b>	1706233	<b>Prep Method:</b>	3546-PAH	<b>Prep Date:</b>	07/05/17	<b>Prep Batch:</b>	7880
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8270C	<b>Analyzed Date:</b>	7/5/2017	<b>Analytical Batch:</b>	425153
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Acenaphthene	11000	200000	ND	800.0	80.7	77.1	4.59	45 - 110	30	
Pyrene	12000	200000	ND	800.0	86.1	80.6	6.60	45 - 125	30	
Nitrobenzene-d5 (S)				11110	76.9	76.8		23 - 120		
2-Fluorobiphenyl (S)				11110	91.3	90.6		30 - 115		
p-Terphenyl-d14 (S)				11110	85.2	77.6		18 - 137		

<b>Work Order:</b>	1706233	<b>Prep Method:</b>	3546_TPH	<b>Prep Date:</b>	07/06/17	<b>Prep Batch:</b>	7897
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8015B	<b>Analyzed Date:</b>	7/6/2017	<b>Analytical Batch:</b>	425184
<b>Units:</b>	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as Diesel	0.85	2.0	ND	25.0	115	107	6.85	52 - 115	30	
Pentacosane (S)				200	115	125		59 - 129		

<b>Work Order:</b>	1706233	<b>Prep Method:</b>	5035	<b>Prep Date:</b>	07/07/17	<b>Prep Batch:</b>	7963
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	7/7/2017	<b>Analytical Batch:</b>	425227
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	2.0	10	ND	50.0	106	106	0.377	53.7 - 139	30	
Benzene	2.2	10	ND	50.0	110	109	0.183	66.5 - 135	30	
Trichloroethylene	1.8	10	ND	50.0	104	100	3.71	57.5 - 150	30	
Toluene	1.8	10	ND	50.0	129	129	0.311	56.8 - 134	30	
Chlorobenzene	1.8	10	ND	50.0	114	113	0.176	57.4 - 134	30	
(S) Dibromofluoromethane				50.0	97.2	94.3		59.8 - 148		
(S) Toluene-d8				50.0	118	116		55.2 - 133		
(S) 4-Bromofluorobenzene				50.0	112	109		55.8 - 141		





## LCS/LCSD Summary Report

*Raw values are used in quality control assessment.*

<b>Work Order:</b>	1706233	<b>Prep Method:</b>	5035GRO	<b>Prep Date:</b>	07/07/17	<b>Prep Batch:</b>	7964
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	7/7/2017	<b>Analytical Batch:</b>	425227
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH(Gasoline)	43	100	64	1000	108	103	4.74	48.2 - 132	30	
(S) 4-Bromofluorobenzene				50	95.3	96.0		43.9 - 127		

<b>Work Order:</b>	1706233	<b>Prep Method:</b>	5035	<b>Prep Date:</b>	07/06/17	<b>Prep Batch:</b>	7972
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	7/7/2017	<b>Analytical Batch:</b>	425232
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	2.0	10	ND	50.0	80.2	84.2	4.87	53.7 - 139	30	
Benzene	2.2	10	ND	50.0	85.2	90.3	5.70	66.5 - 135	30	
Trichloroethylene	1.8	10	ND	50.0	89.6	94.5	5.43	57.5 - 150	30	
Toluene	1.8	10	ND	50.0	93.1	97.4	4.41	56.8 - 134	30	
Chlorobenzene	1.8	10	ND	50.0	90.0	94.1	4.56	57.4 - 134	30	
(S) Dibromofluoromethane				50.0	87.4	93.4		59.8 - 148		
(S) Toluene-d8				50.0	88.8	96.0		55.2 - 133		
(S) 4-Bromofluorobenzene				50.0	84.6	91.1		55.8 - 141		

<b>Work Order:</b>	1706233	<b>Prep Method:</b>	5035GRO	<b>Prep Date:</b>	07/06/17	<b>Prep Batch:</b>	7973
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	7/7/2017	<b>Analytical Batch:</b>	425232
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH(Gasoline)	43	100	ND	1000	75.4	75.3	0.133	48.2 - 132	30	
(S) 4-Bromofluorobenzene				50	81.6	77.2		43.9 - 127		



## LCS/LCSD Summary Report

*Raw values are used in quality control assessment.*

<b>Work Order:</b>	1706233	<b>Prep Method:</b>	5035	<b>Prep Date:</b>	07/07/17	<b>Prep Batch:</b>	7974
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	7/7/2017	<b>Analytical Batch:</b>	425233
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	2.0	10	ND	50.0	80.3	85.1	6.05	53.7 - 139	30	
Benzene	2.2	10	ND	50.0	85.3	88.6	3.91	66.5 - 135	30	
Trichloroethylene	1.8	10	ND	50.0	94.5	101	6.54	57.5 - 150	30	
Toluene	1.8	10	ND	50.0	100	106	5.05	56.8 - 134	30	
Chlorobenzene	1.8	10	ND	50.0	96.1	101	5.47	57.4 - 134	30	
(S) Dibromofluoromethane				50.0	86.9	95.8		59.8 - 148		
(S) Toluene-d8				50.0	98.0	101		55.2 - 133		
(S) 4-Bromofluorobenzene )				50.0	94.4	98.8		55.8 - 141		

<b>Work Order:</b>	1706233	<b>Prep Method:</b>	5035GRO	<b>Prep Date:</b>	07/07/17	<b>Prep Batch:</b>	7975
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	7/8/2017	<b>Analytical Batch:</b>	425233
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH(Gasoline)	43	100	ND	1000	91.8	93.6	1.94	48.2 - 132	30	
(S) 4-Bromofluorobenzene				50	89.1	105		43.9 - 127		

<b>Work Order:</b>	1706233	<b>Prep Method:</b>	5035	<b>Prep Date:</b>	07/08/17	<b>Prep Batch:</b>	7976
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	7/8/2017	<b>Analytical Batch:</b>	425235
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	2.0	10	ND	50.0	88.2	94.8	7.21	53.7 - 139	30	
Benzene	2.2	10	ND	50.0	88.1	94.7	7.23	66.5 - 135	30	
Trichloroethylene	1.8	10	ND	50.0	90.5	96.4	6.42	57.5 - 150	30	
Toluene	1.8	10	ND	50.0	93.1	99.8	6.84	56.8 - 134	30	
Chlorobenzene	1.8	10	ND	50.0	90.8	95.8	5.36	57.4 - 134	30	
(S) Dibromofluoromethane				50.0	92.6	98.6		59.8 - 148		
(S) Toluene-d8				50.0	94.1	99.5		55.2 - 133		
(S) 4-Bromofluorobenzene				50.0	89.5	96.4		55.8 - 141		
2-Butanone (MEK)			ND					-		



## LCS/LCSD Summary Report

*Raw values are used in quality control assessment.*

<b>Work Order:</b>	1706233	<b>Prep Method:</b>	5035GRO	<b>Prep Date:</b>	07/08/17	<b>Prep Batch:</b>	7977
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	7/8/2017	<b>Analytical Batch:</b>	425235
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH(Gasoline)	43	100	68	1000	92.1	82.1	11.5	48.2 - 132	30	
(S) 4-Bromofluorobenzene				50	105	96.1		43.9 - 127		

<b>Work Order:</b>	1706233	<b>Prep Method:</b>	5035	<b>Prep Date:</b>	07/09/17	<b>Prep Batch:</b>	8002
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	7/9/2017	<b>Analytical Batch:</b>	425259
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	2.0	10	ND	50.0	78.6	80.2	2.02	53.7 - 139	30	
Benzene	2.2	10	ND	50.0	87.9	87.1	1.14	66.5 - 135	30	
Trichloroethylene	1.8	10	ND	50.0	92.7	93.5	0.858	57.5 - 150	30	
Toluene	1.8	10	ND	50.0	100	100	0.000	56.8 - 134	30	
Chlorobenzene	1.8	10	ND	50.0	94.6	93.3	1.49	57.4 - 134	30	
(S) Dibromofluoromethane				50.0	89.7	91.4		59.8 - 148		
(S) Toluene-d8				50.0	97.1	95.8		55.2 - 133		
(S) 4-Bromofluorobenzene				50.0	89.2	92.5		55.8 - 141		

<b>Work Order:</b>	1706233	<b>Prep Method:</b>	5035GRO	<b>Prep Date:</b>	07/10/17	<b>Prep Batch:</b>	8003
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	7/9/2017	<b>Analytical Batch:</b>	425259
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH(Gasoline)	43	100	ND	1000	93.7	82.0	13.3	48.2 - 132	30	
(S) 4-Bromofluorobenzene				50	91.8	96.1		43.9 - 127		



## LCS/LCSD Summary Report

*Raw values are used in quality control assessment.*

<b>Work Order:</b>	1706233	<b>Prep Method:</b>	5035	<b>Prep Date:</b>	07/10/17	<b>Prep Batch:</b>	8008
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	7/10/2017	<b>Analytical Batch:</b>	425264
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	2.0	10	ND	50.0	100	103	2.96	53.7 - 139	30	
Benzene	2.2	10	ND	50.0	106	110	3.33	66.5 - 135	30	
Trichloroethylene	1.8	10	ND	50.0	90.4	92.9	2.62	57.5 - 150	30	
Toluene	1.8	10	ND	50.0	121	126	4.06	56.8 - 134	30	
Chlorobenzene	1.8	10	ND	50.0	108	114	5.05	57.4 - 134	30	
(S) Dibromofluoromethane				50.0	94.1	92.5		59.8 - 148		
(S) Toluene-d8				50.0	114	114		55.2 - 133		
(S) 4-Bromofluorobenzene				50.0	110	107		55.8 - 141		



## MS/MSD Summary Report

*Raw values are used in quality control assessment.*

<b>Work Order:</b>	1706233	<b>Prep Method:</b>	3546-PAH	<b>Prep Date:</b>	07/05/17	<b>Prep Batch:</b>	7880
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8270C	<b>Analyzed Date:</b>	7/6/2017	<b>Analytical Batch:</b>	425153
<b>Spiked Sample:</b>	1706233-001A						
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Acenaphthene	10700	200000	ND	800.0	76.1	64.8	16.1	45 - 110	30	
Pyrene	12000	200000	ND	800.0	83.6	72.9	21.0	45 - 125	30	
Nitrobenzene-d5 (S)				11110	75.9	63.9	17.2	23 - 120		
2-Fluorobiphenyl (S)				11110	86.7	72.5	17.8	30 - 115		
p-Terphenyl-d14 (S)				11110	89.6	74.2	18.8	18 - 137		

<b>Work Order:</b>	1706233	<b>Prep Method:</b>	5035	<b>Prep Date:</b>	07/07/17	<b>Prep Batch:</b>	7963
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	7/7/2017	<b>Analytical Batch:</b>	425227
<b>Spiked Sample:</b>	1706233-019A						
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	2.0	10	ND	50	104	90.0	14.1	55 - 125	30	
Benzene	2.2	10	ND	50	105	91.3	14.1	55 - 125	30	
Trichloroethylene	1.8	10	ND	50	88.0	77.0	13.3	55 - 125	30	
Toluene	1.8	10	ND	50	120	101	16.7	55 - 125	30	
Chlorobenzene	1.8	10	ND	50	97.4	89.1	7.35	55 - 125	30	
(S) Dibromofluoromethane				50	87.2	76.5		59.8 - 148		
(S) Toluene-d8				50	107	90.5		55.2 - 133		
(S) 4-Bromofluorobenzene				50	100	90.4		55.8 - 141		



## MS/MSD Summary Report

*Raw values are used in quality control assessment.*

<b>Work Order:</b>	1706233	<b>Prep Method:</b>	5035	<b>Prep Date:</b>	07/07/17	<b>Prep Batch:</b>	7974
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	7/7/2017	<b>Analytical Batch:</b>	425233
<b>Spiked Sample:</b>	1706233-007A						
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	2.0	10	ND	50	93.2	105	12.1	55 - 125	30	
Benzene	2.2	10	ND	50	97.6	108	10.4	55 - 125	30	
Trichloroethylene	1.8	10	ND	50	92.9	99.5	6.87	55 - 125	30	
Toluene	1.8	10	ND	50	98.1	106	8.03	55 - 125	30	
Chlorobenzene	1.8	10	36.9	50	138	127	4.83	55 - 125	30	S
(S) Dibromofluoromethane				50	102	112		59.8 - 148		
(S) Toluene-d8				50	96.1	101		55.2 - 133		
(S) 4-Bromofluorobenzene				50	93.9	97.7		55.8 - 141		



## Laboratory Qualifiers and Definitions

### DEFINITIONS:

<b>Accuracy/Bias (% Recovery)</b> - The closeness of agreement between an observed value and an accepted reference value.
<b>Blank (Method/Preparation Blank)</b> -MB/PB - An analyte-free matrix to which all reagents are added in the same volumes/proportions as used in sample processing. The method blank is used to document contamination resulting from the analytical process.
<b>Duplicate</b> - a field sample and/or laboratory QC sample prepared in duplicate following all of the same processes and procedures used on the original sample (sample duplicate, LCSD, MSD)
<b>Laboratory Control Sample (LCS ad LCSD)</b> - A known matrix spiked with compounds representative of the target analyte(s). This is used to document laboratory performance.
<b>Matrix</b> - the component or substrate that contains the analyte of interest (e.g., - groundwater, sediment, soil, waste water, etc)
<b>Matrix Spike (MS/MSD)</b> - Client sample spiked with identical concentrations of target analyte (s). The spiking occurs prior to the sample preparation and analysis. They are used to document the precision and bias of a method in a given sample matrix.
<b>Method Detection Limit (MDL)</b> - the minimum concentration of a substance that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero
<b>Practical Quantitation Limit/Reporting Limit/Limit of Quantitation (PQL/RL/LOQ)</b> - a laboratory determined value at 2 to 5 times above the MDL that can be reproduced in a manner that results in a 99% confidence level that the result is both accurate and precise. PQLs/RLs/LODs reflect all preparation factors and/or dilution factors that have been applied to the sample during the preparation and/or analytical processes.
<b>Precision (%RPD)</b> - The agreement among a set of replicate/duplicate measurements without regard to known value of the replicates
<b>Surrogate (S) or (Surr)</b> - An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. Surrogates are used in most organic analysis to demonstrate matrix compatibility with the chosen method of analysis
<b>Tentatively Identified Compound (TIC)</b> - A compound not contained within the analytical calibration standards but present in the GCMS library of defined compounds. When the library is searched for an unknown compound, it can frequently give a tentative identification to the compound based on retention time and primary and secondary ion match. TICs are reported as estimates and are candidates for further investigation.
<b>Units:</b> the unit of measure used to express the reported result - <b>mg/L</b> and <b>mg/Kg</b> (equivalent to PPM - parts per million in <b>liquid</b> and <b>solid</b> ), <b>ug/L</b> and <b>ug/Kg</b> (equivalent to PPB - parts per billion in <b>liquid</b> and <b>solid</b> ), <b>ug/m3</b> , <b>mg/m3</b> , <b>ppbv</b> and <b>ppmv</b> (all units of measure for reporting concentrations in air), % (equivalent to 10000 ppm or 1,000,000 ppb), <b>ug/Wipe</b> (concentration found on the surface of a single Wipe usually taken over a 100cm <sup>2</sup> surface)

### LABORATORY QUALIFIERS:

<p><b>B</b> - Indicates when the analyte is found in the associated method or preparation blank</p> <p><b>D</b> - Surrogate is not recoverable due to the necessary dilution of the sample</p> <p><b>E</b> - Indicates the reportable value is outside of the calibration range of the instrument but within the linear range of the instrument (unless otherwise noted) Values reported with an E qualifier should be considered as estimated.</p> <p><b>H</b>- Indicates that the recommended holding time for the analyte or compound has been exceeded</p> <p><b>J</b>- Indicates a value between the method MDL and PQL and that the reported concentration should be considered as estimated rather the quantitative</p> <p><b>NA</b> - Not Analyzed</p> <p><b>N/A</b> - Not Applicable</p> <p><b>ND</b> - Not Detected at a concentration greater than the PQL/RL or, if reported to the MDL, at greater than the MDL.</p> <p><b>NR</b> - Not recoverable - a matrix spike concentration is not recoverable due to a concentration within the original sample that is greater than four times the spike concentration added</p> <p><b>R</b>- The % RPD between a duplicate set of samples is outside of the absolute values established by laboratory control charts</p> <p><b>S</b>- Spike recovery is outside of established method and/or laboratory control limits. Further explanation of the use of this qualifier should be included within a case narrative</p> <p><b>X</b> -Used to indicate that a value based on pattern identification is within the pattern range but not typical of the pattern found in standards. Further explanation may or may not be provided within the sample footnote and/or the case narrative.</p>
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## Sample Receipt Checklist

Client Name: Wheeler Group Environmental, LLC

Date and Time Received: 6/28/2017 5:30:00PM

Project Name: 340 29th Street, Oakland, CA

Received By: Helena Ueng

Work Order No.: 1706233

Physically Logged By: Helena Ueng

Checklist Completed By:

Carrier Name: First Courier

### Chain of Custody (COC) Information

Chain of custody present? Yes  
Chain of custody signed when relinquished and received? Yes  
Chain of custody agrees with sample labels? Yes  
Custody seals intact on sample bottles? Not Present

### Sample Receipt Information

Custody seals intact on shipping container/cooler? Not Present  
Shipping Container/Cooler In Good Condition? Yes  
Samples in proper container/bottle? Yes  
Samples containers intact? Yes  
Sufficient sample volume for indicated test? Yes

### Sample Preservation and Hold Time (HT) Information

All samples received within holding time? Yes  
Container/Temp Blank temperature in compliance? Yes      Temperature: 5.0 °C  
Water-VOA vials have zero headspace?  
Water-pH acceptable upon receipt? N/A  
pH Checked by: N/A      pH Adjusted by: N/A

### Comments:

Received 1 additional acetate sleeve labeled as B4-16 (2016102) collected 6/26/17@14:50





## Login Summary Report

**Client ID:** TL6291      Wheeler Group Environmental, LLC  
**Project Name:** 340 29th Street, Oakland, CA  
**Project # :** Site Investigation Sampling  
**Report Due Date:** 7/7/2017

**QC Level:** II  
**TAT Requested:** 5+ day:5  
**Date Received:** 6/28/2017  
**Time Received:** 5:30 pm

**Comments:**

**Work Order # :** 1706233

<u>WO Sample ID</u>	<u>Client Sample ID</u>	<u>Collection Date/Time</u>	<u>Matrix</u>	<u>Scheduled Disposal</u>	<u>Sample On Hold</u>	<u>Test On Hold</u>	<u>Requested Tests</u>	<u>Subbed</u>
1706233-001A	B1-5	06/26/17 10:45	Soil	12/25/17			PAH_S_8270C VOC_S_GRO VOC_S_8260B TPHDO_S_8015(Mod )	
1706233-002A	B1-6	06/26/17 10:55	Soil	12/25/17			Hold Samples	
1706233-003A	B1-8	06/26/17 10:57	Soil	12/25/17			PAH_S_8270C VOC_S_GRO VOC_S_8260B TPHDO_S_8015(Mod )	
1706233-004A	B1-10	06/26/17 11:05	Soil	12/25/17			PAH_S_8270C VOC_S_GRO VOC_S_8260B TPHDO_S_8015(Mod )	
1706233-005A	B1-15	06/26/17 11:15	Soil	12/25/17			PAH_S_8270C VOC_S_GRO VOC_S_8260B TPHDO_S_8015(Mod )	
1706233-006A	B2-5	06/26/17 9:11	Soil	12/25/17			PAH_S_8270C VOC_S_GRO VOC_S_8260B TPHDO_S_8015(Mod )	
1706233-007A	B2-10	06/26/17 9:23	Soil	12/25/17			PAH_S_8270C VOC_S_GRO VOC_S_8260B TPHDO_S_8015(Mod )	



## Login Summary Report

**Client ID:** TL6291      Wheeler Group Environmental, LLC  
**Project Name:** 340 29th Street, Oakland, CA  
**Project # :** Site Investigation Sampling  
**Report Due Date:** 7/7/2017

**QC Level:** II  
**TAT Requested:** 5+ day:5  
**Date Received:** 6/28/2017  
**Time Received:** 5:30 pm

**Comments:**

**Work Order # :** 1706233

<u>WO Sample ID</u>	<u>Client Sample ID</u>	<u>Collection Date/Time</u>	<u>Matrix</u>	<u>Scheduled Disposal</u>	<u>Sample On Hold</u>	<u>Test On Hold</u>	<u>Requested Tests</u>	<u>Subbed</u>
1706233-008A	B2-15	06/26/17 9:45	Soil	12/25/17			PAH_S_8270C TPHDO_S_8015(Mod ) VOC_S_GRO VOC_S_8260B	
1706233-009A	B2-20	06/26/17 9:55	Soil	12/25/17			Hold Samples	
1706233-010A	B3-5	06/26/17 12:03	Soil	12/25/17			PAH_S_8270C TPHDO_S_8015(Mod ) VOC_S_GRO VOC_S_8260B	
1706233-011A	B3-10	06/26/17 12:15	Soil	12/25/17			PAH_S_8270C TPHDO_S_8015(Mod ) VOC_S_GRO VOC_S_8260B	
1706233-012A	B3-11	06/26/17 12:30	Soil	12/25/17			PAH_S_8270C TPHDO_S_8015(Mod ) VOC_S_GRO VOC_S_8260B	
1706233-013A	B3-13	06/26/17 12:42	Soil	12/25/17			PAH_S_8270C VOC_S_GRO VOC_S_8260B TPHDO_S_8015(Mod )	
1706233-014A	B3-15	06/26/17 12:37	Soil	12/25/17			Hold Samples	
1706233-015A	B4-3	06/26/17 14:00	Soil	12/25/17			PAH_S_8270C VOC_S_GRO VOC_S_8260B	



## Login Summary Report

**Client ID:** TL6291      Wheeler Group Environmental, LLC  
**Project Name:** 340 29th Street, Oakland, CA  
**Project # :** Site Investigation Sampling  
**Report Due Date:** 7/7/2017

**QC Level:** II  
**TAT Requested:** 5+ day:5  
**Date Received:** 6/28/2017  
**Time Received:** 5:30 pm

**Comments:**

**Work Order # :** 1706233

<u>WO Sample ID</u>	<u>Client Sample ID</u>	<u>Collection Date/Time</u>	<u>Matrix</u>	<u>Scheduled Disposal</u>	<u>Sample On Hold</u>	<u>Test On Hold</u>	<u>Requested Tests</u>	<u>Subbed</u>
1706233-016A	B4-5	06/26/17 14:08	Soil	12/25/17			TPHDO_S_8015(Mod )	
1706233-017A	B4-8.5	06/26/17 14:35	Soil	12/25/17			Hold Samples	
1706233-018A	B4-10	06/26/17 14:25	Soil	12/25/17			PAH_S_8270C VOC_S_GRO VOC_S_8260B TPHDO_S_8015(Mod )	
1706233-019A	B4-15	06/26/17 14:45	Soil	12/25/17			PAH_S_8270C VOC_S_GRO VOC_S_8260B TPHDO_S_8015(Mod )	
1706233-020A	B4-17	06/26/17 15:40	Soil	12/25/17			PAH_S_8270C TPHDO_S_8015(Mod ) VOC_S_GRO VOC_S_8260B	
							Hold Samples	



483 Sinclair Frontage Road  
 Milpitas, CA 95035  
 Phone: 408.263.5258  
 FAX: 408.263.8293  
 www.torrentlab.com

## CHAIN OF CUSTODY

LAB WORK ORDER NO

1706233

• NOTE: SHADED AREAS ARE FOR TORRENT LAB USE ONLY •

Company Name: <b>Wheeler Group Environmental, LLC</b>			Location of Sampling: <b>340 29th Street, Oakland, CA</b>		
Address: <b>369-B Third Street, Suite #221</b>			Purpose: <b>Site Investigation Sampling</b>		
City: <b>San Rafael</b>	State: <b>CA</b>	Zip Code: <b>94901</b>	Special Instructions / Comments: <b>PT=PlasticTube; MO=Motor Oil;</b>		
Telephone: <b>415-686-8846</b> FAX:			Global ID No: <b>T1000009111; See Remarks for Field Point Name (FPN)</b>		
REPORT TO: <b>Brent Wheeler</b>		SAMPLER: <b>Brent Wheeler</b>		P.O. #: <b>WGE 2016102</b>	EMAIL: <b>bwheeler@wheelergroupenvironmental.com</b>

**TURNAROUND TIME:**

- 10 Work Days    3 Work Days    Noon - Nxt Day  
 7 Work Days    2 Work Days    2 - 8 Hours  
 5 Work Days    1 Work Day    Other

**SAMPLE TYPE:**

- Storm Water    Air  
 Waste Water    Other  
 Ground Water  
 Soil

**REPORT FORMAT:**

- QC Level IV  
 EDF  
 Excel / EDD

**ANALYSIS REQUESTED**

LAB ID	CLIENT'S SAMPLE I.D.	DATE / TIME SAMPLED	MATRIX	# OF CONT	CONT TYPE	TPH-Diesel (8015)	TPH-MO (8015M)	TPH-Gas (8260B)	VOCs - Full List	PAHs (8270C)	Hold	REMARKS
001A	B1-5	6-26-17 / 1045	Soil	1	PT	✓	✓	✓	✓	✓		FPN: B1
002A	B1-6	6-26-17 / 1055	Soil	1	PT						✓	FPN: B1
003A	B1-8	6-26-17 / 1057	Soil	1	PT	✓	✓	✓	✓	✓		FPN: B1
004A	B1-10	6-26-17 / 1105	Soil	1	PT	✓	✓	✓	✓	✓		FPN: B1
005A	B1-15	6-26-17 / 1115	Soil	1	PT	✓	✓	✓	✓	✓		FPN: B1
006A	B2-5	6-26-17 / 0911	Soil	1	PT	✓	✓	✓	✓	✓		FPN: B2
007A	B2-10	6-26-17 / 0923	Soil	1	PT	✓	✓	✓	✓	✓		FPN: B2
008A	B2-15	6-26-17 / 0945	Soil	1	PT	✓	✓	✓	✓	✓		FPN: B2
009A	B2-20	6-26-17 / 0955	Soil	1	PT						✓	FPN: B2
010A	B3-5	6-26-17 / 1203	Soil	1	PT	✓	✓	✓	✓	✓		FPN: B3

1	Relinquished By: <u>Brent Wheeler</u> Print: <u>BRENT WHEELER</u>	Date: <u>6-28-17</u>	Time: <u>14:55</u>	Received By: <u>Marty Corina</u> Print: <u>MARTY CORINA</u>	Date: <u>6-28-17</u>	Time: <u>14:55</u>
2	Relinquished By: <u>Marty Corina</u> Print: <u>MARTY CORINA</u>	Date: <u>6-28-17</u>	Time: <u>5:30</u>	Received By: <u>Helen Alleng</u> Print: <u>HELEN ALLENG</u>	Date: <u>6/28/17</u>	Time: <u>17:30</u>

Were Samples Received in Good Condition?  Yes  NO   Samples on Ice?  Yes  NO   Method of Shipment: FCS   Sample seals intact?  Yes  NO  N/A

NOTE: Samples are discarded by the laboratory 30 days from date of receipt unless other arrangements are made.

Page 1 of 4

Log In By: \_\_\_\_\_ Date: \_\_\_\_\_   Log In Reviewed By: \_\_\_\_\_ Date: Temp=5°C #1



483 Sinclair Frontage Road  
 Milpitas, CA 95035  
 Phone: 408.263.5258  
 FAX: 408.263.8293  
 www.torrentlab.com

# CHAIN OF CUSTODY

LAB WORK ORDER NO

1706233

• NOTE: SHADED AREAS ARE FOR TORRENT LAB USE ONLY •

Company Name: <b>Wheeler Group Environmental, LLC</b>			Location of Sampling: <b>340 29th Street, Oakland, CA</b>		
Address: <b>369-B Third Street, Suite #221</b>			Purpose: <b>Site Investigation Sampling</b>		
City: <b>San Rafael</b>	State: <b>CA</b>	Zip Code: <b>94901</b>	Special Instructions / Comments: <b>PT=PlasticTube; MO=Motor Oil;</b>		
Telephone: <b>415-686-8846</b> FAX:			Global ID No: <b>T10000009111; See Remarks for Field Point Name (FPN)</b>		
REPORT TO: <b>Brent Wheeler</b>		SAMPLER: <b>Brent Wheeler</b>	P.O. #: <b>WGE 2016102</b>	EMAIL: <b>bwheeler@wheelergroupenvironmental.com</b>	

TURNAROUND TIME:		SAMPLE TYPE:		REPORT FORMAT:	
<input type="checkbox"/> 10 Work Days	<input type="checkbox"/> 3 Work Days	<input type="checkbox"/> Storm Water	<input type="checkbox"/> Air	<input type="checkbox"/> QC Level IV	<b>ANALYSIS REQUESTED</b>
<input type="checkbox"/> 7 Work Days	<input type="checkbox"/> 2 Work Days	<input type="checkbox"/> Waste Water	<input type="checkbox"/> Other	<input checked="" type="checkbox"/> EDF	
<input checked="" type="checkbox"/> 5 Work Days	<input type="checkbox"/> 1 Work Day	<input type="checkbox"/> Ground Water		<input type="checkbox"/> Excel / EDD	
<input type="checkbox"/> Noon - Nxt Day	<input type="checkbox"/> 2 - 8 Hours	<input checked="" type="checkbox"/> Soil			

LAB ID	CLIENT'S SAMPLE I.D.	DATE / TIME SAMPLED	MATRIX	# OF CONT	CONT TYPE	TPH-Diesel (8015)	TPH-MO (8015M)	TPH-Gas (8260B)	VOCs - Full List	PAHs (8270C)	Hold	REMARKS
011A	B3-10	6-26-17 / 1215	Soil	1	PT	✓	✓	✓	✓	✓		FPN: B3
012A	B3-11	6-26-17 / 1230	Soil	1	PT	✓	✓	✓	✓	✓		FPN: B3
013A	B3-13	6-26-17 / 1242	Soil	1	PT	✓	✓	✓	✓	✓		FPN: B3
014A	B3-15	6-26-17 / 1237	Soil	1	PT						✓	FPN: B3
015A	B4-3	6-26-17 / 1400	Soil	1	PT	✓	✓	✓	✓	✓		FPN: B4
016A	B4-5	6-26-17 / 1408	Soil	1	PT						✓	FPN: B4
017A	B4-8.5	6-26-17 / 1435	Soil	1	PT	✓	✓	✓	✓	✓		FPN: B4
018A	B4-10	6-26-17 / 1425	Soil	1	PT	✓	✓	✓	✓	✓		FPN: B4
019A	B4-15	6-26-17 / 1445	Soil	1	PT	✓	✓	✓	✓	✓		FPN: B4
020A	B4-17	6-26-17 / 1540	Soil	1	PT						✓	FPN: B4

1 Relinquished By: <i>[Signature]</i> Print: <b>BRENT WHEELER</b> Date: <b>6-28-17</b> Time: <b>1:55</b>	Received By: <i>[Signature]</i> Print: <b>MARY CERNA</b> Date: <b>6/28/17</b> Time: <b>14:55</b>
2 Relinquished By: <i>[Signature]</i> Print: <b>MARY CERNA</b> Date: <b>6/28/17</b> Time: <b>5:30</b>	Received By: <i>[Signature]</i> Print: <b>Helenalleng</b> Date: <b>6/28/17</b> Time: <b>17:30</b>

Were Samples Received in Good Condition?  Yes  NO Samples on Ice?  Yes  NO Method of Shipment FCS Sample seals intact?  Yes  NO  N/A

NOTE: Samples are discarded by the laboratory 30 days from date of receipt unless other arrangements are made.

Page 2 of 4

Log In By: \_\_\_\_\_ Date: \_\_\_\_\_ Log In Reviewed By: \_\_\_\_\_ Date: \_\_\_\_\_

*Temp = 5°C #1*



Brent A. Wheeler  
Wheeler Group Environmental, LLC  
369-B Third Street, Suite #221  
San Rafael, California 94901  
Tel: P: 415-686-8846  
RE: 340 29th Street, Oakland, CA

Work Order No.: 1706234

Dear Brent Wheeler:

Torrent Laboratory, Inc. received 18 sample(s) on June 28, 2017 for the analyses presented in the following Report.

All data for associated QC met EPA or laboratory specification(s) except where noted in the case narrative.

Torrent Laboratory, Inc. is certified by the State of California, ELAP #1991. If you have any questions regarding these test results, please feel free to contact the Project Management Team at (408)263-5258; ext 204.

A handwritten signature in blue ink, appearing to read "Patti L Sandrock", is written over a light blue horizontal line.

Patti L Sandrock  
QA Officer

July 10, 2017

\_\_\_\_\_  
Date



**Date:** 7/10/2017

---

**Client:** Wheeler Group Environmental, LLC

**Project:** 340 29th Street, Oakland, CA

**Work Order:** 1706234

### **CASE NARRATIVE**

---

No issues encountered with the receiving, preparation, analysis or reporting of the results associated with this work order.

Unless otherwise indicated in the following narrative, no results have been method and/or field blank corrected.

Reported results relate only to the items/samples tested by the laboratory.

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



## Sample Result Summary

Report prepared for: Brent Wheeler  
Wheeler Group Environmental, LLC

Date Received: 06/28/17

Date Reported: 07/10/17

**B4-SG-6.5** 1706234-001

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
TPH(Gasoline)	8260TPH	100	4300	10000	70900	ug/Kg
TPH as Diesel	SW8015B	20	17	40	143	mg/Kg
TPH as Motor Oil	SW8015B	20	64	200	948	mg/Kg
Chlorobenzene	SW8260B	100	180	1000	2280	ug/Kg

**B5-3** 1706234-002

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
TPH as Diesel	SW8015B	1	0.85	2.0	2.56	mg/Kg
TPH as Motor Oil	SW8015B	1	3.2	10	11.1	mg/Kg

**B5-7.5** 1706234-003

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
TPH as Diesel	SW8015B	1	0.85	2.0	2.43	mg/Kg

**B6-5** 1706234-004

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
TPH as Diesel	SW8015B	1	0.85	2.0	3.09	mg/Kg

**B6-10** 1706234-005

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
TPH as Diesel	SW8015B	1	0.85	2.0	2.04	mg/Kg

**B7-5** 1706234-006

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
All compounds were non-detectable for this sample.						

**B7-10** 1706234-007

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
All compounds were non-detectable for this sample.						

**B7-15** 1706234-008

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
All compounds were non-detectable for this sample.						





## Sample Result Summary

Report prepared for: Brent Wheeler  
Wheeler Group Environmental, LLC

Date Received: 06/28/17

Date Reported: 07/10/17

B8-5

1706234-009

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
All compounds were non-detectable for this sample.						

B8-10

1706234-010

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
All compounds were non-detectable for this sample.						

B8-12

1706234-011

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
All compounds were non-detectable for this sample.						

B8-15

1706234-012

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
TPH as Diesel	SW8015B	1	0.85	2.0	3.18	mg/Kg

B1-GW

1706234-013

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
TPH(Gasoline)	8260TPH	4.2	120	210	2860	ug/L
TPH as Diesel	SW8015B	1	0.045	0.12	1.04	mg/L
TPH as Motor Oil	SW8015B	1	0.14	0.49	0.903	mg/L
MTBE	SW8260B	4.2	0.32	2.1	13	ug/L
Benzene	SW8260B	4.2	0.66	2.1	4.8	ug/L
Toluene	SW8260B	4.2	0.60	2.1	2.4	ug/L
Styrene	SW8260B	4.2	0.46	2.1	3.2	ug/L
n-Propylbenzene	SW8260B	4.2	1.2	2.1	2.5	ug/L
sec-Butyl Benzene	SW8260B	4.2	1.2	2.1	2.2	ug/L
Chlorobenzene	SW8260B	42	6.8	21	2700	ug/L

B2-GW

1706234-014

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
TPH(Gasoline)	8260TPH	1	29	50	67.6	ug/L
TPH as Diesel	SW8015B	1	0.037	0.10	0.104	mg/L
Chloroform	SW8260B	1	0.12	0.50	0.61	ug/L
Chlorobenzene	SW8260B	1	0.16	0.50	6.3	ug/L



## Sample Result Summary

Report prepared for: Brent Wheeler  
Wheeler Group Environmental, LLC

Date Received: 06/28/17

Date Reported: 07/10/17

**B3-GW**

1706234-015

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
TPH(Gasoline)	8260TPH	4.2	120	210	3900	ug/L
TPH as Diesel	SW8015B	1	0.050	0.14	1.09	mg/L
TPH as Motor Oil	SW8015B	1	0.15	0.54	0.809	mg/L
MTBE	SW8260B	4.2	0.32	2.1	7.2	ug/L
cis-1,2-Dichloroethene	SW8260B	4.2	0.63	2.1	7.8	ug/L
Benzene	SW8260B	4.2	0.66	2.1	15	ug/L
1,2-Dichloroethane	SW8260B	4.2	0.46	2.1	3.2	ug/L
1,2-Dichloropropane	SW8260B	4.2	0.37	2.1	8.1	ug/L
Chlorobenzene	SW8260B	84	14	42	3600	ug/L

**B4-GW**

1706234-016

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
TPH(Gasoline)	8260TPH	10.5	310	530	5590	ug/L
TPH as Diesel	SW8015B	10	0.37	1.0	4.64	mg/L
TPH as Motor Oil	SW8015B	10	1.1	4.0	8.88	mg/L
Carbon Tetrachloride	SW8260B	10.5	1.7	5.3	10.	ug/L
Benzene	SW8260B	10.5	1.6	5.3	12	ug/L
Chlorobenzene	SW8260B	84	14	42	4900	ug/L

**B6-GW**

1706234-017

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
TPH(Gasoline)	8260TPH	1	29	50	122	ug/L
1,2-Dichloroethane	SW8260B	1	0.11	0.50	0.96	ug/L
Chlorobenzene	SW8260B	1	0.16	0.50	60	ug/L

**2901 Basement**

1706234-018

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
TPH as Diesel	SW8015B	1	0.037	0.10	0.122	mg/L



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B4-SG-6.5	<b>Lab Sample ID:</b>	1706234-001A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 15:15		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 3546_TPH	<b>Prep Batch Date/Time:</b> 7/6/17 10:58:00AM
<b>Prep Batch ID:</b> 7897	<b>Prep Analyst:</b> LIMBAT

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	20	17	40	<b>143</b>	x	mg/Kg	07/07/17	0:00	mk	425184
TPH as Motor Oil	SW8015B	20	64	200	<b>948</b>		mg/Kg	07/07/17	0:00	mk	425184
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		<b>0.000</b>	D	%	07/07/17	0:00	mk	425184

**NOTE:** x-Diesel value the result of overlap of Oil range into Diesel range



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B4-SG-6.5	<b>Lab Sample ID:</b>	1706234-001A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 15:15		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 7/7/17 9:33:00AM
<b>Prep Batch ID:</b> 7963	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	100	120	1000	ND		ug/Kg	07/07/17	16:57	BP	425227
Chloromethane	SW8260B	100	180	1000	ND		ug/Kg	07/07/17	16:57	BP	425227
Vinyl Chloride	SW8260B	100	200	1000	ND		ug/Kg	07/07/17	16:57	BP	425227
Bromomethane	SW8260B	100	270	1000	ND		ug/Kg	07/07/17	16:57	BP	425227
Chloroethane	SW8260B	100	300	1000	ND		ug/Kg	07/07/17	16:57	BP	425227
Trichlorofluoromethane	SW8260B	100	210	1000	ND		ug/Kg	07/07/17	16:57	BP	425227
1,1-Dichloroethane	SW8260B	100	200	1000	ND		ug/Kg	07/07/17	16:57	BP	425227
Freon 113	SW8260B	100	190	1000	ND		ug/Kg	07/07/17	16:57	BP	425227
Methylene Chloride	SW8260B	100	710	1000	ND		ug/Kg	07/07/17	16:57	BP	425227
trans-1,2-Dichloroethene	SW8260B	100	210	1000	ND		ug/Kg	07/07/17	16:57	BP	425227
MTBE	SW8260B	100	230	1000	ND		ug/Kg	07/07/17	16:57	BP	425227
tert-Butanol	SW8260B	100	1200	5000	ND		ug/Kg	07/07/17	16:57	BP	425227
Diisopropyl ether (DIPE)	SW8260B	100	230	1000	ND		ug/Kg	07/07/17	16:57	BP	425227
1,1-Dichloroethane	SW8260B	100	220	1000	ND		ug/Kg	07/07/17	16:57	BP	425227
ETBE	SW8260B	100	230	1000	ND		ug/Kg	07/07/17	16:57	BP	425227
cis-1,2-Dichloroethene	SW8260B	100	220	1000	ND		ug/Kg	07/07/17	16:57	BP	425227
2,2-Dichloropropane	SW8260B	100	190	1000	ND		ug/Kg	07/07/17	16:57	BP	425227
Bromochloromethane	SW8260B	100	230	1000	ND		ug/Kg	07/07/17	16:57	BP	425227
Chloroform	SW8260B	100	240	1000	ND		ug/Kg	07/07/17	16:57	BP	425227
Carbon Tetrachloride	SW8260B	100	210	1000	ND		ug/Kg	07/07/17	16:57	BP	425227
1,1,1-Trichloroethane	SW8260B	100	210	1000	ND		ug/Kg	07/07/17	16:57	BP	425227
1,1-Dichloropropene	SW8260B	100	200	1000	ND		ug/Kg	07/07/17	16:57	BP	425227
Benzene	SW8260B	100	220	1000	ND		ug/Kg	07/07/17	16:57	BP	425227
TAME	SW8260B	100	230	1000	ND		ug/Kg	07/07/17	16:57	BP	425227
1,2-Dichloroethane	SW8260B	100	230	1000	ND		ug/Kg	07/07/17	16:57	BP	425227
Trichloroethylene	SW8260B	100	180	1000	ND		ug/Kg	07/07/17	16:57	BP	425227
Dibromomethane	SW8260B	100	180	1000	ND		ug/Kg	07/07/17	16:57	BP	425227
1,2-Dichloropropane	SW8260B	100	190	1000	ND		ug/Kg	07/07/17	16:57	BP	425227
Bromodichloromethane	SW8260B	100	200	1000	ND		ug/Kg	07/07/17	16:57	BP	425227
cis-1,3-Dichloropropene	SW8260B	100	160	1000	ND		ug/Kg	07/07/17	16:57	BP	425227
Toluene	SW8260B	100	180	1000	ND		ug/Kg	07/07/17	16:57	BP	425227
Tetrachloroethylene	SW8260B	100	170	1000	ND		ug/Kg	07/07/17	16:57	BP	425227
trans-1,3-Dichloropropene	SW8260B	100	160	1000	ND		ug/Kg	07/07/17	16:57	BP	425227
1,1,2-Trichloroethane	SW8260B	100	180	1000	ND		ug/Kg	07/07/17	16:57	BP	425227



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B4-SG-6.5	<b>Lab Sample ID:</b>	1706234-001A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 15:15		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 7/7/17 9:33:00AM
<b>Prep Batch ID:</b> 7963	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dibromochloromethane	SW8260B	100	190	1000	ND		ug/Kg	07/07/17	16:57	BP	425227
1,3-Dichloropropane	SW8260B	100	180	1000	ND		ug/Kg	07/07/17	16:57	BP	425227
1,2-Dibromoethane	SW8260B	100	180	1000	ND		ug/Kg	07/07/17	16:57	BP	425227
Chlorobenzene	SW8260B	100	180	1000	<b>2280</b>		ug/Kg	07/07/17	16:57	BP	425227
Ethyl Benzene	SW8260B	100	170	1000	ND		ug/Kg	07/07/17	16:57	BP	425227
1,1,1,2-Tetrachloroethane	SW8260B	100	190	1000	ND		ug/Kg	07/07/17	16:57	BP	425227
m,p-Xylene	SW8260B	100	320	1000	ND		ug/Kg	07/07/17	16:57	BP	425227
o-Xylene	SW8260B	100	170	1000	ND		ug/Kg	07/07/17	16:57	BP	425227
Styrene	SW8260B	100	160	1000	ND		ug/Kg	07/07/17	16:57	BP	425227
Bromoform	SW8260B	100	170	1000	ND		ug/Kg	07/07/17	16:57	BP	425227
Isopropyl Benzene	SW8260B	100	160	1000	ND		ug/Kg	07/07/17	16:57	BP	425227
n-Propylbenzene	SW8260B	100	160	1000	ND		ug/Kg	07/07/17	16:57	BP	425227
Bromobenzene	SW8260B	100	180	1000	ND		ug/Kg	07/07/17	16:57	BP	425227
1,1,2,2-Tetrachloroethane	SW8260B	100	190	1000	ND		ug/Kg	07/07/17	16:57	BP	425227
2-Chlorotoluene	SW8260B	100	180	1000	ND		ug/Kg	07/07/17	16:57	BP	425227
1,3,5-Trimethylbenzene	SW8260B	100	160	1000	ND		ug/Kg	07/07/17	16:57	BP	425227
1,2,3-Trichloropropane	SW8260B	100	190	1000	ND		ug/Kg	07/07/17	16:57	BP	425227
4-Chlorotoluene	SW8260B	100	160	1000	ND		ug/Kg	07/07/17	16:57	BP	425227
tert-Butylbenzene	SW8260B	100	160	1000	ND		ug/Kg	07/07/17	16:57	BP	425227
1,2,4-Trimethylbenzene	SW8260B	100	140	1000	ND		ug/Kg	07/07/17	16:57	BP	425227
sec-Butyl Benzene	SW8260B	100	160	1000	ND		ug/Kg	07/07/17	16:57	BP	425227
p-Isopropyltoluene	SW8260B	100	150	1000	ND		ug/Kg	07/07/17	16:57	BP	425227
1,3-Dichlorobenzene	SW8260B	100	170	1000	ND		ug/Kg	07/07/17	16:57	BP	425227
1,4-Dichlorobenzene	SW8260B	100	170	1000	ND		ug/Kg	07/07/17	16:57	BP	425227
n-Butylbenzene	SW8260B	100	150	1000	ND		ug/Kg	07/07/17	16:57	BP	425227
1,2-Dichlorobenzene	SW8260B	100	180	1000	ND		ug/Kg	07/07/17	16:57	BP	425227
1,2-Dibromo-3-Chloropropane	SW8260B	100	180	1000	ND		ug/Kg	07/07/17	16:57	BP	425227
Hexachlorobutadiene	SW8260B	100	140	1000	ND		ug/Kg	07/07/17	16:57	BP	425227
1,2,4-Trichlorobenzene	SW8260B	100	150	1000	ND		ug/Kg	07/07/17	16:57	BP	425227
Naphthalene	SW8260B	100	170	1000	ND		ug/Kg	07/07/17	16:57	BP	425227
1,2,3-Trichlorobenzene	SW8260B	100	170	1000	ND		ug/Kg	07/07/17	16:57	BP	425227
2-Butanone (MEK)	SW8260B	100	230	1000	ND		ug/Kg	07/07/17	16:57	BP	425227
(S) Dibromofluoromethane	SW8260B		59.8 - 148		<b>89.6</b>		%	07/07/17	16:57	BP	425227
(S) Toluene-d8	SW8260B		55.2 - 133		<b>120</b>		%	07/07/17	16:57	BP	425227



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B4-SG-6.5	<b>Lab Sample ID:</b>	1706234-001A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 15:15		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 7/7/17	9:33:00AM
<b>Prep Batch ID:</b> 7963	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		123		%	07/07/17	16:57	BP	425227

**NOTE:** The reporting limits were raised due to the high concentration of non-target heavy end compounds .



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B4-SG-6.5	<b>Lab Sample ID:</b>	1706234-001A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 15:15		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 7/7/17	9:33:00AM
<b>Prep Batch ID:</b> 7964	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	100	4300	10000	<b>70900</b>	x	ug/Kg	07/07/17	16:57	BP	425227
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		<b>93.7</b>		%	07/07/17	16:57	BP	425227

**NOTE:** x - Result reported as gasoline but sample chromatogram does not match reference standard pattern. TPH value due to presence of heavy hydrocarbons (best match Mineral Spirit pattern) within range of C5-C12 quantified as Gasoline.



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B5-3	<b>Lab Sample ID:</b>	1706234-002A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 16:10		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 3546-PAH	<b>Prep Batch Date/Time:</b> 7/5/17 6:03:00PM
<b>Prep Batch ID:</b> 7880	<b>Prep Analyst:</b> LIMBAT

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Naphthalene	SW8270C	1	11	200	ND		ug/Kg	07/06/17	7:08	MT	425153
2-Methylnaphthalene	SW8270C	1	10	200	ND		ug/Kg	07/06/17	7:08	MT	425153
1-Methylnaphthalene	SW8270C	1	12	200	ND		ug/Kg	07/06/17	7:08	MT	425153
Acenaphthylene	SW8270C	1	8.3	200	ND		ug/Kg	07/06/17	7:08	MT	425153
Acenaphthene	SW8270C	1	11	200	ND		ug/Kg	07/06/17	7:08	MT	425153
Fluorene	SW8270C	1	10	200	ND		ug/Kg	07/06/17	7:08	MT	425153
Phenanthrene	SW8270C	1	9.3	200	ND		ug/Kg	07/06/17	7:08	MT	425153
Anthracene	SW8270C	1	8.9	200	ND		ug/Kg	07/06/17	7:08	MT	425153
Fluoranthene	SW8270C	1	10	200	ND		ug/Kg	07/06/17	7:08	MT	425153
Pyrene	SW8270C	1	12	200	ND		ug/Kg	07/06/17	7:08	MT	425153
Benz[a]anthracene	SW8270C	1	9.8	200	ND		ug/Kg	07/06/17	7:08	MT	425153
Chrysene	SW8270C	1	15	200	ND		ug/Kg	07/06/17	7:08	MT	425153
Benzo[b]fluoranthene	SW8270C	1	12	200	ND		ug/Kg	07/06/17	7:08	MT	425153
Benzo[k]fluoranthene	SW8270C	1	8.1	200	ND		ug/Kg	07/06/17	7:08	MT	425153
Benzo[a]pyrene	SW8270C	1	9.8	200	ND		ug/Kg	07/06/17	7:08	MT	425153
Indeno[1,2,3-cd]pyrene	SW8270C	1	14	200	ND		ug/Kg	07/06/17	7:08	MT	425153
Dibenz[a,h]anthracene	SW8270C	1	13	200	ND		ug/Kg	07/06/17	7:08	MT	425153
Benzo[g,h,i]perylene	SW8270C	1	17	200	ND		ug/Kg	07/06/17	7:08	MT	425153
Acceptance Limits											
Nitrobenzene-d5 (S)	SW8270C		23 - 120		<b>76.4</b>		%	07/06/17	7:08	MT	425153
2-Fluorobiphenyl (S)	SW8270C		30 - 115		<b>87.0</b>		%	07/06/17	7:08	MT	425153
p-Terphenyl-d14 (S)	SW8270C		18 - 137		<b>102</b>		%	07/06/17	7:08	MT	425153





## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B5-3	<b>Lab Sample ID:</b>	1706234-002A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 16:10		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 3546_TPH	<b>Prep Batch Date/Time:</b> 7/6/17	10:58:00AM
<b>Prep Batch ID:</b> 7897	<b>Prep Analyst:</b> LIMBAT	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.85	2.0	<b>2.56</b>	x	mg/Kg	07/07/17	1:03	mk	425184
TPH as Motor Oil	SW8015B	1	3.2	10	<b>11.1</b>		mg/Kg	07/07/17	1:03	mk	425184
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		<b>68.3</b>		%	07/07/17	1:03	mk	425184

**NOTE:** x-not typical of Diesel ref. std: peaks within Diesel range quantified as diesel



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B5-3	<b>Lab Sample ID:</b>	1706234-002A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 16:10		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 6/29/17 9:16:00PM
<b>Prep Batch ID:</b> 7946	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	10	ND		ug/Kg	07/01/17	1:31	BP	425205
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	1:31	BP	425205
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	07/01/17	1:31	BP	425205
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	07/01/17	1:31	BP	425205
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	07/01/17	1:31	BP	425205
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	07/01/17	1:31	BP	425205
1,1-Dichloroethane	SW8260B	1	2.0	10	ND		ug/Kg	07/01/17	1:31	BP	425205
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	07/01/17	1:31	BP	425205
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	07/01/17	1:31	BP	425205
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	07/01/17	1:31	BP	425205
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	07/01/17	1:31	BP	425205
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	07/01/17	1:31	BP	425205
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	07/01/17	1:31	BP	425205
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	07/01/17	1:31	BP	425205
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	07/01/17	1:31	BP	425205
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	07/01/17	1:31	BP	425205
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/01/17	1:31	BP	425205
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	07/01/17	1:31	BP	425205
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	07/01/17	1:31	BP	425205
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	07/01/17	1:31	BP	425205
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	07/01/17	1:31	BP	425205
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	07/01/17	1:31	BP	425205
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	07/01/17	1:31	BP	425205
TAME	SW8260B	1	2.3	10	ND		ug/Kg	07/01/17	1:31	BP	425205
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	07/01/17	1:31	BP	425205
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	1:31	BP	425205
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	1:31	BP	425205
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/01/17	1:31	BP	425205
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	07/01/17	1:31	BP	425205
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	1:31	BP	425205
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	1:31	BP	425205
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	1:31	BP	425205
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	1:31	BP	425205
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	1:31	BP	425205



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B5-3	<b>Lab Sample ID:</b>	1706234-002A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 16:10		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 6/29/17 9:16:00PM
<b>Prep Batch ID:</b> 7946	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	07/01/17	1:31	BP	425205
1,3-Dichloropropane	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	1:31	BP	425205
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	1:31	BP	425205
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	1:31	BP	425205
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	1:31	BP	425205
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	07/01/17	1:31	BP	425205
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	07/01/17	1:31	BP	425205
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	1:31	BP	425205
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	1:31	BP	425205
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	1:31	BP	425205
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	1:31	BP	425205
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	1:31	BP	425205
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	1:31	BP	425205
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	07/01/17	1:31	BP	425205
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	1:31	BP	425205
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	1:31	BP	425205
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/01/17	1:31	BP	425205
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	1:31	BP	425205
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	1:31	BP	425205
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	07/01/17	1:31	BP	425205
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	1:31	BP	425205
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	07/01/17	1:31	BP	425205
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	1:31	BP	425205
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	1:31	BP	425205
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	07/01/17	1:31	BP	425205
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	1:31	BP	425205
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	1:31	BP	425205
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	07/01/17	1:31	BP	425205
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	07/01/17	1:31	BP	425205
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	1:31	BP	425205
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	1:31	BP	425205
2-Butanone (MEK)	SW8260B	1	2.3	10	ND		ug/Kg	07/01/17	1:31	BP	425205
(S) Dibromofluoromethane	SW8260B		59.8 - 148		<b>100</b>		%	07/01/17	1:31	BP	425205
(S) Toluene-d8	SW8260B		55.2 - 133		<b>99.9</b>		%	07/01/17	1:31	BP	425205



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B5-3	<b>Lab Sample ID:</b>	1706234-002A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 16:10		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 6/29/17	9:16:00PM
<b>Prep Batch ID:</b> 7946	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		<b>107</b>		%	07/01/17	1:31	BP	425205



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B5-3	<b>Lab Sample ID:</b>	1706234-002A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 16:10		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 6/29/17	9:16:00PM
<b>Prep Batch ID:</b> 7947	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	07/01/17	1:31	BP	425205
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		<b>97.4</b>		%	07/01/17	1:31	BP	425205



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B5-7.5	<b>Lab Sample ID:</b>	1706234-003A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 16:18		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 3546-PAH	<b>Prep Batch Date/Time:</b> 7/5/17	6:03:00PM
<b>Prep Batch ID:</b> 7880	<b>Prep Analyst:</b> LIMBAT	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Naphthalene	SW8270C	1	11	200	ND		ug/Kg	07/06/17	7:37	MT	425153
2-Methylnaphthalene	SW8270C	1	10	200	ND		ug/Kg	07/06/17	7:37	MT	425153
1-Methylnaphthalene	SW8270C	1	12	200	ND		ug/Kg	07/06/17	7:37	MT	425153
Acenaphthylene	SW8270C	1	8.3	200	ND		ug/Kg	07/06/17	7:37	MT	425153
Acenaphthene	SW8270C	1	11	200	ND		ug/Kg	07/06/17	7:37	MT	425153
Fluorene	SW8270C	1	10	200	ND		ug/Kg	07/06/17	7:37	MT	425153
Phenanthrene	SW8270C	1	9.3	200	ND		ug/Kg	07/06/17	7:37	MT	425153
Anthracene	SW8270C	1	8.9	200	ND		ug/Kg	07/06/17	7:37	MT	425153
Fluoranthene	SW8270C	1	10	200	ND		ug/Kg	07/06/17	7:37	MT	425153
Pyrene	SW8270C	1	12	200	ND		ug/Kg	07/06/17	7:37	MT	425153
Benz[a]anthracene	SW8270C	1	9.8	200	ND		ug/Kg	07/06/17	7:37	MT	425153
Chrysene	SW8270C	1	15	200	ND		ug/Kg	07/06/17	7:37	MT	425153
Benzo[b]fluoranthene	SW8270C	1	12	200	ND		ug/Kg	07/06/17	7:37	MT	425153
Benzo[k]fluoranthene	SW8270C	1	8.1	200	ND		ug/Kg	07/06/17	7:37	MT	425153
Benzo[a]pyrene	SW8270C	1	9.8	200	ND		ug/Kg	07/06/17	7:37	MT	425153
Indeno[1,2,3-cd]pyrene	SW8270C	1	14	200	ND		ug/Kg	07/06/17	7:37	MT	425153
Dibenz[a,h]anthracene	SW8270C	1	13	200	ND		ug/Kg	07/06/17	7:37	MT	425153
Benzo[g,h,i]perylene	SW8270C	1	17	200	ND		ug/Kg	07/06/17	7:37	MT	425153
Acceptance Limits											
Nitrobenzene-d5 (S)	SW8270C		23 - 120		<b>74.9</b>		%	07/06/17	7:37	MT	425153
2-Fluorobiphenyl (S)	SW8270C		30 - 115		<b>86.8</b>		%	07/06/17	7:37	MT	425153
p-Terphenyl-d14 (S)	SW8270C		18 - 137		<b>75.0</b>		%	07/06/17	7:37	MT	425153



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B5-7.5	<b>Lab Sample ID:</b>	1706234-003A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 16:18		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 3546_TPH	<b>Prep Batch Date/Time:</b> 7/6/17	10:58:00AM
<b>Prep Batch ID:</b> 7897	<b>Prep Analyst:</b> LIMBAT	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.85	2.0	<b>2.43</b>		mg/Kg	07/07/17	1:27	mk	425184
TPH as Motor Oil	SW8015B	1	3.2	10	ND		mg/Kg	07/07/17	1:27	mk	425184
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		<b>76.2</b>		%	07/07/17	1:27	mk	425184



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B5-7.5	<b>Lab Sample ID:</b>	1706234-003A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 16:18		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 6/29/17 9:16:00PM
<b>Prep Batch ID:</b> 7946	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	10	ND		ug/Kg	07/01/17	2:07	BP	425205
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	2:07	BP	425205
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	07/01/17	2:07	BP	425205
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	07/01/17	2:07	BP	425205
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	07/01/17	2:07	BP	425205
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	07/01/17	2:07	BP	425205
1,1-Dichloroethane	SW8260B	1	2.0	10	ND		ug/Kg	07/01/17	2:07	BP	425205
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	07/01/17	2:07	BP	425205
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	07/01/17	2:07	BP	425205
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	07/01/17	2:07	BP	425205
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	07/01/17	2:07	BP	425205
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	07/01/17	2:07	BP	425205
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	07/01/17	2:07	BP	425205
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	07/01/17	2:07	BP	425205
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	07/01/17	2:07	BP	425205
cis-1,2-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	07/01/17	2:07	BP	425205
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/01/17	2:07	BP	425205
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	07/01/17	2:07	BP	425205
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	07/01/17	2:07	BP	425205
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	07/01/17	2:07	BP	425205
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	07/01/17	2:07	BP	425205
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	07/01/17	2:07	BP	425205
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	07/01/17	2:07	BP	425205
TAME	SW8260B	1	2.3	10	ND		ug/Kg	07/01/17	2:07	BP	425205
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	07/01/17	2:07	BP	425205
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	2:07	BP	425205
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	2:07	BP	425205
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/01/17	2:07	BP	425205
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	07/01/17	2:07	BP	425205
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	2:07	BP	425205
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	2:07	BP	425205
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	2:07	BP	425205
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	2:07	BP	425205
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	2:07	BP	425205





## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B5-7.5	<b>Lab Sample ID:</b>	1706234-003A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 16:18		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 6/29/17 9:16:00PM
<b>Prep Batch ID:</b> 7946	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	07/01/17	2:07	BP	425205
1,3-Dichloropropane	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	2:07	BP	425205
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	2:07	BP	425205
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	2:07	BP	425205
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	2:07	BP	425205
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	07/01/17	2:07	BP	425205
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	07/01/17	2:07	BP	425205
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	2:07	BP	425205
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	2:07	BP	425205
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	2:07	BP	425205
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	2:07	BP	425205
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	2:07	BP	425205
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	2:07	BP	425205
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	07/01/17	2:07	BP	425205
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	2:07	BP	425205
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	2:07	BP	425205
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/01/17	2:07	BP	425205
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	2:07	BP	425205
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	2:07	BP	425205
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	07/01/17	2:07	BP	425205
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	2:07	BP	425205
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	07/01/17	2:07	BP	425205
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	2:07	BP	425205
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	2:07	BP	425205
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	07/01/17	2:07	BP	425205
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	2:07	BP	425205
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	2:07	BP	425205
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	07/01/17	2:07	BP	425205
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	07/01/17	2:07	BP	425205
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	2:07	BP	425205
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	2:07	BP	425205
2-Butanone (MEK)	SW8260B	1	2.3	10	ND		ug/Kg	07/01/17	2:07	BP	425205
(S) Dibromofluoromethane	SW8260B		59.8 - 148		<b>96.5</b>		%	07/01/17	2:07	BP	425205
(S) Toluene-d8	SW8260B		55.2 - 133		<b>107</b>		%	07/01/17	2:07	BP	425205



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B5-7.5	<b>Lab Sample ID:</b>	1706234-003A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 16:18		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 6/29/17	9:16:00PM
<b>Prep Batch ID:</b> 7946	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		105		%	07/01/17	2:07	BP	425205



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B5-7.5	<b>Lab Sample ID:</b>	1706234-003A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 16:18		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 6/29/17	9:16:00PM
<b>Prep Batch ID:</b> 7947	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	07/01/17	2:07	BP	425205
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		<b>68.8</b>		%	07/01/17	2:07	BP	425205



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B6-5	<b>Lab Sample ID:</b>	1706234-004A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 13:10		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 3546_TPH	<b>Prep Batch Date/Time:</b> 7/6/17	10:58:00AM
<b>Prep Batch ID:</b> 7897	<b>Prep Analyst:</b> LIMBAT	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.85	2.0	<b>3.09</b>	x	mg/Kg	07/07/17	1:52	mk	425184
TPH as Motor Oil	SW8015B	1	3.2	10	ND		mg/Kg	07/07/17	1:52	mk	425184
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		<b>71.8</b>		%	07/07/17	1:52	mk	425184

**NOTE:** x-presence of discrete peaks not typical of diesel pattern



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B6-5	<b>Lab Sample ID:</b>	1706234-004A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 13:10		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 6/29/17 9:16:00PM
<b>Prep Batch ID:</b> 7946	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	10	ND		ug/Kg	07/01/17	2:43	BP	425205
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	2:43	BP	425205
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	07/01/17	2:43	BP	425205
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	07/01/17	2:43	BP	425205
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	07/01/17	2:43	BP	425205
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	07/01/17	2:43	BP	425205
1,1-Dichloroethane	SW8260B	1	2.0	10	ND		ug/Kg	07/01/17	2:43	BP	425205
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	07/01/17	2:43	BP	425205
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	07/01/17	2:43	BP	425205
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	07/01/17	2:43	BP	425205
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	07/01/17	2:43	BP	425205
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	07/01/17	2:43	BP	425205
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	07/01/17	2:43	BP	425205
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	07/01/17	2:43	BP	425205
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	07/01/17	2:43	BP	425205
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	07/01/17	2:43	BP	425205
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/01/17	2:43	BP	425205
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	07/01/17	2:43	BP	425205
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	07/01/17	2:43	BP	425205
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	07/01/17	2:43	BP	425205
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	07/01/17	2:43	BP	425205
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	07/01/17	2:43	BP	425205
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	07/01/17	2:43	BP	425205
TAME	SW8260B	1	2.3	10	ND		ug/Kg	07/01/17	2:43	BP	425205
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	07/01/17	2:43	BP	425205
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	2:43	BP	425205
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	2:43	BP	425205
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/01/17	2:43	BP	425205
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	07/01/17	2:43	BP	425205
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	2:43	BP	425205
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	2:43	BP	425205
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	2:43	BP	425205
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	2:43	BP	425205
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	2:43	BP	425205



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B6-5	<b>Lab Sample ID:</b>	1706234-004A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 13:10		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 6/29/17 9:16:00PM
<b>Prep Batch ID:</b> 7946	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	07/01/17	2:43	BP	425205
1,3-Dichloropropane	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	2:43	BP	425205
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	2:43	BP	425205
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	2:43	BP	425205
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	2:43	BP	425205
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	07/01/17	2:43	BP	425205
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	07/01/17	2:43	BP	425205
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	2:43	BP	425205
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	2:43	BP	425205
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	2:43	BP	425205
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	2:43	BP	425205
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	2:43	BP	425205
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	2:43	BP	425205
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	07/01/17	2:43	BP	425205
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	2:43	BP	425205
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	2:43	BP	425205
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/01/17	2:43	BP	425205
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	2:43	BP	425205
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	2:43	BP	425205
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	07/01/17	2:43	BP	425205
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	2:43	BP	425205
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	07/01/17	2:43	BP	425205
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	2:43	BP	425205
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	2:43	BP	425205
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	07/01/17	2:43	BP	425205
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	2:43	BP	425205
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	2:43	BP	425205
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	07/01/17	2:43	BP	425205
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	07/01/17	2:43	BP	425205
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	2:43	BP	425205
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	2:43	BP	425205
2-Butanone (MEK)	SW8260B	1	2.3	10	ND		ug/Kg	07/01/17	2:43	BP	425205
(S) Dibromofluoromethane	SW8260B		59.8 - 148		<b>90.6</b>		%	07/01/17	2:43	BP	425205
(S) Toluene-d8	SW8260B		55.2 - 133		<b>107</b>		%	07/01/17	2:43	BP	425205



### SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B6-5	<b>Lab Sample ID:</b>	1706234-004A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 13:10		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 6/29/17	9:16:00PM
<b>Prep Batch ID:</b> 7946	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		112		%	07/01/17	2:43	BP	425205



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B6-5	<b>Lab Sample ID:</b>	1706234-004A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 13:10		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 6/29/17	9:16:00PM
<b>Prep Batch ID:</b> 7947	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	07/01/17	2:43	BP	425205
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		<b>76.0</b>		%	07/01/17	2:43	BP	425205





## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B6-10	<b>Lab Sample ID:</b>	1706234-005A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 13:36		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 3546-PAH	<b>Prep Batch Date/Time:</b> 7/5/17 6:03:00PM
<b>Prep Batch ID:</b> 7880	<b>Prep Analyst:</b> LIMBAT

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Naphthalene	SW8270C	1	11	200	ND		ug/Kg	07/06/17	8:05	MT	425153
2-Methylnaphthalene	SW8270C	1	10	200	ND		ug/Kg	07/06/17	8:05	MT	425153
1-Methylnaphthalene	SW8270C	1	12	200	ND		ug/Kg	07/06/17	8:05	MT	425153
Acenaphthylene	SW8270C	1	8.3	200	ND		ug/Kg	07/06/17	8:05	MT	425153
Acenaphthene	SW8270C	1	11	200	ND		ug/Kg	07/06/17	8:05	MT	425153
Fluorene	SW8270C	1	10	200	ND		ug/Kg	07/06/17	8:05	MT	425153
Phenanthrene	SW8270C	1	9.3	200	ND		ug/Kg	07/06/17	8:05	MT	425153
Anthracene	SW8270C	1	8.9	200	ND		ug/Kg	07/06/17	8:05	MT	425153
Fluoranthene	SW8270C	1	10	200	ND		ug/Kg	07/06/17	8:05	MT	425153
Pyrene	SW8270C	1	12	200	ND		ug/Kg	07/06/17	8:05	MT	425153
Benz[a]anthracene	SW8270C	1	9.8	200	ND		ug/Kg	07/06/17	8:05	MT	425153
Chrysene	SW8270C	1	15	200	ND		ug/Kg	07/06/17	8:05	MT	425153
Benzo[b]fluoranthene	SW8270C	1	12	200	ND		ug/Kg	07/06/17	8:05	MT	425153
Benzo[k]fluoranthene	SW8270C	1	8.1	200	ND		ug/Kg	07/06/17	8:05	MT	425153
Benzo[a]pyrene	SW8270C	1	9.8	200	ND		ug/Kg	07/06/17	8:05	MT	425153
Indeno[1,2,3-cd]pyrene	SW8270C	1	14	200	ND		ug/Kg	07/06/17	8:05	MT	425153
Dibenz[a,h]anthracene	SW8270C	1	13	200	ND		ug/Kg	07/06/17	8:05	MT	425153
Benzo[g,h,i]perylene	SW8270C	1	17	200	ND		ug/Kg	07/06/17	8:05	MT	425153
Acceptance Limits											
Nitrobenzene-d5 (S)	SW8270C		23 - 120		<b>65.1</b>		%	07/06/17	8:05	MT	425153
2-Fluorobiphenyl (S)	SW8270C		30 - 115		<b>77.1</b>		%	07/06/17	8:05	MT	425153
p-Terphenyl-d14 (S)	SW8270C		18 - 137		<b>81.3</b>		%	07/06/17	8:05	MT	425153



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B6-10	<b>Lab Sample ID:</b>	1706234-005A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 13:36		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 3546_TPH	<b>Prep Batch Date/Time:</b> 7/6/17	10:58:00AM
<b>Prep Batch ID:</b> 7897	<b>Prep Analyst:</b> LIMBAT	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.85	2.0	<b>2.04</b>	x	mg/Kg	07/07/17	2:17	mk	425184
TPH as Motor Oil	SW8015B	1	3.2	10	ND		mg/Kg	07/07/17	2:17	mk	425184
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		<b>81.2</b>		%	07/07/17	2:17	mk	425184

**NOTE:** x-presence of discrete peaks not typical of diesel pattern



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B6-10	<b>Lab Sample ID:</b>	1706234-005A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 13:36		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 6/29/17	9:16:00PM
<b>Prep Batch ID:</b> 7946	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	10	ND		ug/Kg	07/01/17	3:19	BP	425205
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	3:19	BP	425205
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	07/01/17	3:19	BP	425205
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	07/01/17	3:19	BP	425205
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	07/01/17	3:19	BP	425205
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	07/01/17	3:19	BP	425205
1,1-Dichloroethane	SW8260B	1	2.0	10	ND		ug/Kg	07/01/17	3:19	BP	425205
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	07/01/17	3:19	BP	425205
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	07/01/17	3:19	BP	425205
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	07/01/17	3:19	BP	425205
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	07/01/17	3:19	BP	425205
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	07/01/17	3:19	BP	425205
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	07/01/17	3:19	BP	425205
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	07/01/17	3:19	BP	425205
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	07/01/17	3:19	BP	425205
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	07/01/17	3:19	BP	425205
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/01/17	3:19	BP	425205
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	07/01/17	3:19	BP	425205
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	07/01/17	3:19	BP	425205
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	07/01/17	3:19	BP	425205
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	07/01/17	3:19	BP	425205
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	07/01/17	3:19	BP	425205
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	07/01/17	3:19	BP	425205
TAME	SW8260B	1	2.3	10	ND		ug/Kg	07/01/17	3:19	BP	425205
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	07/01/17	3:19	BP	425205
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	3:19	BP	425205
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	3:19	BP	425205
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/01/17	3:19	BP	425205
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	07/01/17	3:19	BP	425205
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	3:19	BP	425205
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	3:19	BP	425205
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	3:19	BP	425205
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	3:19	BP	425205
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	3:19	BP	425205



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B6-10	<b>Lab Sample ID:</b>	1706234-005A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 13:36		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 6/29/17 9:16:00PM
<b>Prep Batch ID:</b> 7946	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	07/01/17	3:19	BP	425205
1,3-Dichloropropane	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	3:19	BP	425205
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	3:19	BP	425205
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	3:19	BP	425205
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	3:19	BP	425205
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	07/01/17	3:19	BP	425205
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	07/01/17	3:19	BP	425205
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	3:19	BP	425205
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	3:19	BP	425205
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	3:19	BP	425205
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	3:19	BP	425205
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	3:19	BP	425205
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	3:19	BP	425205
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	07/01/17	3:19	BP	425205
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	3:19	BP	425205
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	3:19	BP	425205
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/01/17	3:19	BP	425205
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	3:19	BP	425205
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	3:19	BP	425205
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	07/01/17	3:19	BP	425205
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	3:19	BP	425205
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	07/01/17	3:19	BP	425205
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	3:19	BP	425205
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	3:19	BP	425205
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	07/01/17	3:19	BP	425205
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	3:19	BP	425205
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	3:19	BP	425205
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	07/01/17	3:19	BP	425205
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	07/01/17	3:19	BP	425205
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	3:19	BP	425205
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	3:19	BP	425205
2-Butanone (MEK)	SW8260B	1	2.3	10	ND		ug/Kg	07/01/17	3:19	BP	425205
(S) Dibromofluoromethane	SW8260B		59.8 - 148		<b>92.4</b>		%	07/01/17	3:19	BP	425205
(S) Toluene-d8	SW8260B		55.2 - 133		<b>112</b>		%	07/01/17	3:19	BP	425205



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B6-10	<b>Lab Sample ID:</b>	1706234-005A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 13:36		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 6/29/17	9:16:00PM
<b>Prep Batch ID:</b> 7946	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		115		%	07/01/17	3:19	BP	425205



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B6-10	<b>Lab Sample ID:</b>	1706234-005A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/26/17 / 13:36		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 6/29/17	9:16:00PM
<b>Prep Batch ID:</b> 7947	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	07/01/17	3:19	BP	425205
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		<b>75.4</b>		%	07/01/17	3:19	BP	425205



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B7-5	<b>Lab Sample ID:</b>	1706234-006A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/27/17 / 8:10		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 3546-PAH	<b>Prep Batch Date/Time:</b> 7/5/17	6:03:00PM
<b>Prep Batch ID:</b> 7880	<b>Prep Analyst:</b> LIMBAT	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Naphthalene	SW8270C	1	11	200	ND		ug/Kg	07/06/17	8:34	MT	425153
2-Methylnaphthalene	SW8270C	1	10	200	ND		ug/Kg	07/06/17	8:34	MT	425153
1-Methylnaphthalene	SW8270C	1	12	200	ND		ug/Kg	07/06/17	8:34	MT	425153
Acenaphthylene	SW8270C	1	8.3	200	ND		ug/Kg	07/06/17	8:34	MT	425153
Acenaphthene	SW8270C	1	11	200	ND		ug/Kg	07/06/17	8:34	MT	425153
Fluorene	SW8270C	1	10	200	ND		ug/Kg	07/06/17	8:34	MT	425153
Phenanthrene	SW8270C	1	9.3	200	ND		ug/Kg	07/06/17	8:34	MT	425153
Anthracene	SW8270C	1	8.9	200	ND		ug/Kg	07/06/17	8:34	MT	425153
Fluoranthene	SW8270C	1	10	200	ND		ug/Kg	07/06/17	8:34	MT	425153
Pyrene	SW8270C	1	12	200	ND		ug/Kg	07/06/17	8:34	MT	425153
Benz[a]anthracene	SW8270C	1	9.8	200	ND		ug/Kg	07/06/17	8:34	MT	425153
Chrysene	SW8270C	1	15	200	ND		ug/Kg	07/06/17	8:34	MT	425153
Benzo[b]fluoranthene	SW8270C	1	12	200	ND		ug/Kg	07/06/17	8:34	MT	425153
Benzo[k]fluoranthene	SW8270C	1	8.1	200	ND		ug/Kg	07/06/17	8:34	MT	425153
Benzo[a]pyrene	SW8270C	1	9.8	200	ND		ug/Kg	07/06/17	8:34	MT	425153
Indeno[1,2,3-cd]pyrene	SW8270C	1	14	200	ND		ug/Kg	07/06/17	8:34	MT	425153
Dibenz[a,h]anthracene	SW8270C	1	13	200	ND		ug/Kg	07/06/17	8:34	MT	425153
Benzo[g,h,i]perylene	SW8270C	1	17	200	ND		ug/Kg	07/06/17	8:34	MT	425153
Acceptance Limits											
Nitrobenzene-d5 (S)	SW8270C		23 - 120		<b>72.4</b>		%	07/06/17	8:34	MT	425153
2-Fluorobiphenyl (S)	SW8270C		30 - 115		<b>79.9</b>		%	07/06/17	8:34	MT	425153
p-Terphenyl-d14 (S)	SW8270C		18 - 137		<b>78.5</b>		%	07/06/17	8:34	MT	425153



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B7-5	<b>Lab Sample ID:</b>	1706234-006A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/27/17 / 8:10		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 3546_TPH	<b>Prep Batch Date/Time:</b> 7/6/17	5:04:00PM
<b>Prep Batch ID:</b> 7914	<b>Prep Analyst:</b> SNARASIMHAN	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.85	2.0	ND		mg/Kg	07/07/17	15:13	mk	425199
TPH as Motor Oil	SW8015B	1	3.2	10	ND		mg/Kg	07/07/17	15:13	mk	425199
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		<b>59.6</b>		%	07/07/17	15:13	mk	425199





## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B7-5	<b>Lab Sample ID:</b>	1706234-006A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/27/17 / 8:10		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 6/29/17 9:16:00PM
<b>Prep Batch ID:</b> 7946	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	10	ND		ug/Kg	07/01/17	3:55	BP	425205
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	3:55	BP	425205
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	07/01/17	3:55	BP	425205
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	07/01/17	3:55	BP	425205
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	07/01/17	3:55	BP	425205
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	07/01/17	3:55	BP	425205
1,1-Dichloroethane	SW8260B	1	2.0	10	ND		ug/Kg	07/01/17	3:55	BP	425205
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	07/01/17	3:55	BP	425205
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	07/01/17	3:55	BP	425205
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	07/01/17	3:55	BP	425205
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	07/01/17	3:55	BP	425205
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	07/01/17	3:55	BP	425205
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	07/01/17	3:55	BP	425205
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	07/01/17	3:55	BP	425205
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	07/01/17	3:55	BP	425205
cis-1,2-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	07/01/17	3:55	BP	425205
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/01/17	3:55	BP	425205
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	07/01/17	3:55	BP	425205
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	07/01/17	3:55	BP	425205
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	07/01/17	3:55	BP	425205
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	07/01/17	3:55	BP	425205
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	07/01/17	3:55	BP	425205
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	07/01/17	3:55	BP	425205
TAME	SW8260B	1	2.3	10	ND		ug/Kg	07/01/17	3:55	BP	425205
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	07/01/17	3:55	BP	425205
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	3:55	BP	425205
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	3:55	BP	425205
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/01/17	3:55	BP	425205
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	07/01/17	3:55	BP	425205
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	3:55	BP	425205
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	3:55	BP	425205
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	3:55	BP	425205
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	3:55	BP	425205
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	3:55	BP	425205



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B7-5	<b>Lab Sample ID:</b>	1706234-006A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/27/17 / 8:10		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 6/29/17 9:16:00PM
<b>Prep Batch ID:</b> 7946	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	07/01/17	3:55	BP	425205
1,3-Dichloropropane	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	3:55	BP	425205
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	3:55	BP	425205
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	3:55	BP	425205
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	3:55	BP	425205
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	07/01/17	3:55	BP	425205
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	07/01/17	3:55	BP	425205
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	3:55	BP	425205
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	3:55	BP	425205
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	3:55	BP	425205
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	3:55	BP	425205
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	3:55	BP	425205
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	3:55	BP	425205
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	07/01/17	3:55	BP	425205
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	3:55	BP	425205
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	3:55	BP	425205
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/01/17	3:55	BP	425205
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	3:55	BP	425205
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	3:55	BP	425205
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	07/01/17	3:55	BP	425205
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	3:55	BP	425205
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	07/01/17	3:55	BP	425205
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	3:55	BP	425205
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	3:55	BP	425205
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	07/01/17	3:55	BP	425205
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	3:55	BP	425205
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	3:55	BP	425205
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	07/01/17	3:55	BP	425205
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	07/01/17	3:55	BP	425205
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	3:55	BP	425205
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	3:55	BP	425205
2-Butanone (MEK)	SW8260B	1	2.3	10	ND		ug/Kg	07/01/17	3:55	BP	425205
(S) Dibromofluoromethane	SW8260B		59.8 - 148		<b>92.7</b>		%	07/01/17	3:55	BP	425205
(S) Toluene-d8	SW8260B		55.2 - 133		<b>115</b>		%	07/01/17	3:55	BP	425205



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B7-5	<b>Lab Sample ID:</b>	1706234-006A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/27/17 / 8:10		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 6/29/17	9:16:00PM
<b>Prep Batch ID:</b> 7946	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		<b>120</b>		%	07/01/17	3:55	BP	425205



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B7-5	<b>Lab Sample ID:</b>	1706234-006A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/27/17 / 8:10		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 6/29/17	9:16:00PM
<b>Prep Batch ID:</b> 7947	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	07/01/17	3:55	BP	425205
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		<b>81.0</b>		%	07/01/17	3:55	BP	425205



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B7-10	<b>Lab Sample ID:</b>	1706234-007A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/27/17 / 8:25		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 3546-PAH	<b>Prep Batch Date/Time:</b> 7/5/17 6:03:00PM
<b>Prep Batch ID:</b> 7880	<b>Prep Analyst:</b> LIMBAT

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Naphthalene	SW8270C	1	11	200	ND		ug/Kg	07/06/17	9:03	MT	425153
2-Methylnaphthalene	SW8270C	1	10	200	ND		ug/Kg	07/06/17	9:03	MT	425153
1-Methylnaphthalene	SW8270C	1	12	200	ND		ug/Kg	07/06/17	9:03	MT	425153
Acenaphthylene	SW8270C	1	8.3	200	ND		ug/Kg	07/06/17	9:03	MT	425153
Acenaphthene	SW8270C	1	11	200	ND		ug/Kg	07/06/17	9:03	MT	425153
Fluorene	SW8270C	1	10	200	ND		ug/Kg	07/06/17	9:03	MT	425153
Phenanthrene	SW8270C	1	9.3	200	ND		ug/Kg	07/06/17	9:03	MT	425153
Anthracene	SW8270C	1	8.9	200	ND		ug/Kg	07/06/17	9:03	MT	425153
Fluoranthene	SW8270C	1	10	200	ND		ug/Kg	07/06/17	9:03	MT	425153
Pyrene	SW8270C	1	12	200	ND		ug/Kg	07/06/17	9:03	MT	425153
Benz[a]anthracene	SW8270C	1	9.8	200	ND		ug/Kg	07/06/17	9:03	MT	425153
Chrysene	SW8270C	1	15	200	ND		ug/Kg	07/06/17	9:03	MT	425153
Benzo[b]fluoranthene	SW8270C	1	12	200	ND		ug/Kg	07/06/17	9:03	MT	425153
Benzo[k]fluoranthene	SW8270C	1	8.1	200	ND		ug/Kg	07/06/17	9:03	MT	425153
Benzo[a]pyrene	SW8270C	1	9.8	200	ND		ug/Kg	07/06/17	9:03	MT	425153
Indeno[1,2,3-cd]pyrene	SW8270C	1	14	200	ND		ug/Kg	07/06/17	9:03	MT	425153
Dibenz[a,h]anthracene	SW8270C	1	13	200	ND		ug/Kg	07/06/17	9:03	MT	425153
Benzo[g,h,i]perylene	SW8270C	1	17	200	ND		ug/Kg	07/06/17	9:03	MT	425153
Acceptance Limits											
Nitrobenzene-d5 (S)	SW8270C		23 - 120		<b>70.8</b>		%	07/06/17	9:03	MT	425153
2-Fluorobiphenyl (S)	SW8270C		30 - 115		<b>81.8</b>		%	07/06/17	9:03	MT	425153
p-Terphenyl-d14 (S)	SW8270C		18 - 137		<b>89.7</b>		%	07/06/17	9:03	MT	425153



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B7-10	<b>Lab Sample ID:</b>	1706234-007A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/27/17 / 8:25		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 3546_TPH	<b>Prep Batch Date/Time:</b> 7/6/17	5:04:00PM
<b>Prep Batch ID:</b> 7914	<b>Prep Analyst:</b> SNARASIMHAN	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.85	2.0	ND		mg/Kg	07/07/17	15:39	mk	425199
TPH as Motor Oil	SW8015B	1	3.2	10	ND		mg/Kg	07/07/17	15:39	mk	425199
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		<b>59.6</b>		%	07/07/17	15:39	mk	425199



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B7-10	<b>Lab Sample ID:</b>	1706234-007A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/27/17 / 8:25		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 6/29/17 9:16:00PM
<b>Prep Batch ID:</b> 7946	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	10	ND		ug/Kg	07/01/17	4:31	BP	425205
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	4:31	BP	425205
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	07/01/17	4:31	BP	425205
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	07/01/17	4:31	BP	425205
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	07/01/17	4:31	BP	425205
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	07/01/17	4:31	BP	425205
1,1-Dichloroethane	SW8260B	1	2.0	10	ND		ug/Kg	07/01/17	4:31	BP	425205
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	07/01/17	4:31	BP	425205
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	07/01/17	4:31	BP	425205
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	07/01/17	4:31	BP	425205
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	07/01/17	4:31	BP	425205
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	07/01/17	4:31	BP	425205
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	07/01/17	4:31	BP	425205
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	07/01/17	4:31	BP	425205
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	07/01/17	4:31	BP	425205
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	07/01/17	4:31	BP	425205
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/01/17	4:31	BP	425205
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	07/01/17	4:31	BP	425205
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	07/01/17	4:31	BP	425205
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	07/01/17	4:31	BP	425205
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	07/01/17	4:31	BP	425205
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	07/01/17	4:31	BP	425205
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	07/01/17	4:31	BP	425205
TAME	SW8260B	1	2.3	10	ND		ug/Kg	07/01/17	4:31	BP	425205
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	07/01/17	4:31	BP	425205
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	4:31	BP	425205
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	4:31	BP	425205
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/01/17	4:31	BP	425205
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	07/01/17	4:31	BP	425205
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	4:31	BP	425205
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	4:31	BP	425205
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	4:31	BP	425205
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	4:31	BP	425205
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	4:31	BP	425205



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B7-10	<b>Lab Sample ID:</b>	1706234-007A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/27/17 / 8:25		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 6/29/17 9:16:00PM
<b>Prep Batch ID:</b> 7946	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	07/01/17	4:31	BP	425205
1,3-Dichloropropane	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	4:31	BP	425205
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	4:31	BP	425205
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	4:31	BP	425205
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	4:31	BP	425205
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	07/01/17	4:31	BP	425205
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	07/01/17	4:31	BP	425205
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	4:31	BP	425205
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	4:31	BP	425205
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	4:31	BP	425205
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	4:31	BP	425205
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	4:31	BP	425205
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	4:31	BP	425205
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	07/01/17	4:31	BP	425205
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	4:31	BP	425205
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	4:31	BP	425205
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/01/17	4:31	BP	425205
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	4:31	BP	425205
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	4:31	BP	425205
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	07/01/17	4:31	BP	425205
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	4:31	BP	425205
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	07/01/17	4:31	BP	425205
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	4:31	BP	425205
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	4:31	BP	425205
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	07/01/17	4:31	BP	425205
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	4:31	BP	425205
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	4:31	BP	425205
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	07/01/17	4:31	BP	425205
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	07/01/17	4:31	BP	425205
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	4:31	BP	425205
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	4:31	BP	425205
2-Butanone (MEK)	SW8260B	1	2.3	10	ND		ug/Kg	07/01/17	4:31	BP	425205
(S) Dibromofluoromethane	SW8260B		59.8 - 148		<b>96.7</b>		%	07/01/17	4:31	BP	425205
(S) Toluene-d8	SW8260B		55.2 - 133		<b>115</b>		%	07/01/17	4:31	BP	425205





## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B7-10	<b>Lab Sample ID:</b>	1706234-007A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/27/17 / 8:25		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 6/29/17	9:16:00PM
<b>Prep Batch ID:</b> 7946	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		121		%	07/01/17	4:31	BP	425205



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B7-10	<b>Lab Sample ID:</b>	1706234-007A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/27/17 / 8:25		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 6/29/17	9:16:00PM
<b>Prep Batch ID:</b> 7947	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	07/01/17	4:31	BP	425205
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		<b>83.8</b>		%	07/01/17	4:31	BP	425205



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B7-15	<b>Lab Sample ID:</b>	1706234-008A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/27/17 / 8:45		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 3546-PAH	<b>Prep Batch Date/Time:</b> 7/5/17 6:06:00PM
<b>Prep Batch ID:</b> 7881	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Naphthalene	SW8270C	1	11	200	ND		ug/Kg	07/06/17	22:47	MT	425154
2-Methylnaphthalene	SW8270C	1	10	200	ND		ug/Kg	07/06/17	22:47	MT	425154
1-Methylnaphthalene	SW8270C	1	12	200	ND		ug/Kg	07/06/17	22:47	MT	425154
Acenaphthylene	SW8270C	1	8.3	200	ND		ug/Kg	07/06/17	22:47	MT	425154
Acenaphthene	SW8270C	1	11	200	ND		ug/Kg	07/06/17	22:47	MT	425154
Fluorene	SW8270C	1	10	200	ND		ug/Kg	07/06/17	22:47	MT	425154
Phenanthrene	SW8270C	1	9.3	200	ND		ug/Kg	07/06/17	22:47	MT	425154
Anthracene	SW8270C	1	8.9	200	ND		ug/Kg	07/06/17	22:47	MT	425154
Fluoranthene	SW8270C	1	10	200	ND		ug/Kg	07/06/17	22:47	MT	425154
Pyrene	SW8270C	1	12	200	ND		ug/Kg	07/06/17	22:47	MT	425154
Benz[a]anthracene	SW8270C	1	9.8	200	ND		ug/Kg	07/06/17	22:47	MT	425154
Chrysene	SW8270C	1	15	200	ND		ug/Kg	07/06/17	22:47	MT	425154
Benzo[b]fluoranthene	SW8270C	1	12	200	ND		ug/Kg	07/06/17	22:47	MT	425154
Benzo[k]fluoranthene	SW8270C	1	8.1	200	ND		ug/Kg	07/06/17	22:47	MT	425154
Benzo[a]pyrene	SW8270C	1	9.8	200	ND		ug/Kg	07/06/17	22:47	MT	425154
Indeno[1,2,3-cd]pyrene	SW8270C	1	14	200	ND		ug/Kg	07/06/17	22:47	MT	425154
Dibenz[a,h]anthracene	SW8270C	1	13	200	ND		ug/Kg	07/06/17	22:47	MT	425154
Benzo[g,h,i]perylene	SW8270C	1	17	200	ND		ug/Kg	07/06/17	22:47	MT	425154
Acceptance Limits											
Nitrobenzene-d5 (S)	SW8270C		23 - 120		<b>67.0</b>		%	07/06/17	22:47	MT	425154
2-Fluorobiphenyl (S)	SW8270C		30 - 115		<b>86.8</b>		%	07/06/17	22:47	MT	425154
p-Terphenyl-d14 (S)	SW8270C		18 - 137		<b>79.3</b>		%	07/06/17	22:47	MT	425154



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B7-15	<b>Lab Sample ID:</b>	1706234-008A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/27/17 / 8:45		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 3546_TPH	<b>Prep Batch Date/Time:</b> 7/6/17	5:04:00PM
<b>Prep Batch ID:</b> 7914	<b>Prep Analyst:</b> SNARASIMHAN	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.85	2.0	ND		mg/Kg	07/07/17	16:05	mk	425199
TPH as Motor Oil	SW8015B	1	3.2	10	ND		mg/Kg	07/07/17	16:05	mk	425199
			Acceptance Limits								
Pentacosane (S)	SW8015B		54 - 129		<b>54.6</b>		%	07/07/17	16:05	mk	425199



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B7-15	<b>Lab Sample ID:</b>	1706234-008A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/27/17 / 8:45		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 6/29/17 9:16:00PM
<b>Prep Batch ID:</b> 7946	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	10	ND		ug/Kg	07/01/17	5:08	BP	425205
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	5:08	BP	425205
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	07/01/17	5:08	BP	425205
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	07/01/17	5:08	BP	425205
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	07/01/17	5:08	BP	425205
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	07/01/17	5:08	BP	425205
1,1-Dichloroethane	SW8260B	1	2.0	10	ND		ug/Kg	07/01/17	5:08	BP	425205
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	07/01/17	5:08	BP	425205
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	07/01/17	5:08	BP	425205
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	07/01/17	5:08	BP	425205
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	07/01/17	5:08	BP	425205
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	07/01/17	5:08	BP	425205
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	07/01/17	5:08	BP	425205
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	07/01/17	5:08	BP	425205
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	07/01/17	5:08	BP	425205
cis-1,2-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	07/01/17	5:08	BP	425205
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/01/17	5:08	BP	425205
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	07/01/17	5:08	BP	425205
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	07/01/17	5:08	BP	425205
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	07/01/17	5:08	BP	425205
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	07/01/17	5:08	BP	425205
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	07/01/17	5:08	BP	425205
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	07/01/17	5:08	BP	425205
TAME	SW8260B	1	2.3	10	ND		ug/Kg	07/01/17	5:08	BP	425205
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	07/01/17	5:08	BP	425205
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	5:08	BP	425205
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	5:08	BP	425205
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/01/17	5:08	BP	425205
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	07/01/17	5:08	BP	425205
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	5:08	BP	425205
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	5:08	BP	425205
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	5:08	BP	425205
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	5:08	BP	425205
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	5:08	BP	425205



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B7-15	<b>Lab Sample ID:</b>	1706234-008A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/27/17 / 8:45		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 6/29/17 9:16:00PM
<b>Prep Batch ID:</b> 7946	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	07/01/17	5:08	BP	425205
1,3-Dichloropropane	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	5:08	BP	425205
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	5:08	BP	425205
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	5:08	BP	425205
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	5:08	BP	425205
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	07/01/17	5:08	BP	425205
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	07/01/17	5:08	BP	425205
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	5:08	BP	425205
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	5:08	BP	425205
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	5:08	BP	425205
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	5:08	BP	425205
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	5:08	BP	425205
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	5:08	BP	425205
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	07/01/17	5:08	BP	425205
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	5:08	BP	425205
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	5:08	BP	425205
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/01/17	5:08	BP	425205
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	5:08	BP	425205
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	5:08	BP	425205
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	07/01/17	5:08	BP	425205
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	5:08	BP	425205
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	07/01/17	5:08	BP	425205
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	5:08	BP	425205
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	5:08	BP	425205
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	07/01/17	5:08	BP	425205
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	5:08	BP	425205
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	5:08	BP	425205
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	07/01/17	5:08	BP	425205
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	07/01/17	5:08	BP	425205
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	5:08	BP	425205
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	5:08	BP	425205
2-Butanone (MEK)	SW8260B	1	2.3	10	ND		ug/Kg	07/01/17	5:08	BP	425205
(S) Dibromofluoromethane	SW8260B		59.8 - 148		<b>95.7</b>		%	07/01/17	5:08	BP	425205
(S) Toluene-d8	SW8260B		55.2 - 133		<b>116</b>		%	07/01/17	5:08	BP	425205



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B7-15	<b>Lab Sample ID:</b>	1706234-008A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/27/17 / 8:45		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 6/29/17	9:16:00PM
<b>Prep Batch ID:</b> 7946	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		122		%	07/01/17	5:08	BP	425205



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B7-15	<b>Lab Sample ID:</b>	1706234-008A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/27/17 / 8:45		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 6/29/17	9:16:00PM
<b>Prep Batch ID:</b> 7947	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	07/01/17	5:08	BP	425205
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		<b>70.3</b>		%	07/01/17	5:08	BP	425205





## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B8-5	<b>Lab Sample ID:</b>	1706234-009A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/27/17 / 9:20		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 3546-PAH	<b>Prep Batch Date/Time:</b> 7/5/17 6:06:00PM
<b>Prep Batch ID:</b> 7881	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Naphthalene	SW8270C	1	11	200	ND		ug/Kg	07/06/17	23:16	MT	425154
2-Methylnaphthalene	SW8270C	1	10	200	ND		ug/Kg	07/06/17	23:16	MT	425154
1-Methylnaphthalene	SW8270C	1	12	200	ND		ug/Kg	07/06/17	23:16	MT	425154
Acenaphthylene	SW8270C	1	8.3	200	ND		ug/Kg	07/06/17	23:16	MT	425154
Acenaphthene	SW8270C	1	11	200	ND		ug/Kg	07/06/17	23:16	MT	425154
Fluorene	SW8270C	1	10	200	ND		ug/Kg	07/06/17	23:16	MT	425154
Phenanthrene	SW8270C	1	9.3	200	ND		ug/Kg	07/06/17	23:16	MT	425154
Anthracene	SW8270C	1	8.9	200	ND		ug/Kg	07/06/17	23:16	MT	425154
Fluoranthene	SW8270C	1	10	200	ND		ug/Kg	07/06/17	23:16	MT	425154
Pyrene	SW8270C	1	12	200	ND		ug/Kg	07/06/17	23:16	MT	425154
Benz[a]anthracene	SW8270C	1	9.8	200	ND		ug/Kg	07/06/17	23:16	MT	425154
Chrysene	SW8270C	1	15	200	ND		ug/Kg	07/06/17	23:16	MT	425154
Benzo[b]fluoranthene	SW8270C	1	12	200	ND		ug/Kg	07/06/17	23:16	MT	425154
Benzo[k]fluoranthene	SW8270C	1	8.1	200	ND		ug/Kg	07/06/17	23:16	MT	425154
Benzo[a]pyrene	SW8270C	1	9.8	200	ND		ug/Kg	07/06/17	23:16	MT	425154
Indeno[1,2,3-cd]pyrene	SW8270C	1	14	200	ND		ug/Kg	07/06/17	23:16	MT	425154
Dibenz[a,h]anthracene	SW8270C	1	13	200	ND		ug/Kg	07/06/17	23:16	MT	425154
Benzo[g,h,i]perylene	SW8270C	1	17	200	ND		ug/Kg	07/06/17	23:16	MT	425154
Acceptance Limits											
Nitrobenzene-d5 (S)	SW8270C		23 - 120		<b>72.6</b>		%	07/06/17	23:16	MT	425154
2-Fluorobiphenyl (S)	SW8270C		30 - 115		<b>82.0</b>		%	07/06/17	23:16	MT	425154
p-Terphenyl-d14 (S)	SW8270C		18 - 137		<b>80.4</b>		%	07/06/17	23:16	MT	425154



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B8-5	<b>Lab Sample ID:</b>	1706234-009A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/27/17 / 9:20		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 3546_TPH	<b>Prep Batch Date/Time:</b> 7/6/17	5:04:00PM
<b>Prep Batch ID:</b> 7914	<b>Prep Analyst:</b> SNARASIMHAN	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.85	2.0	ND		mg/Kg	07/07/17	16:31	mk	425199
TPH as Motor Oil	SW8015B	1	3.2	10	ND		mg/Kg	07/07/17	16:31	mk	425199
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		<b>73.5</b>		%	07/07/17	16:31	mk	425199



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B8-5	<b>Lab Sample ID:</b>	1706234-009A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/27/17 / 9:20		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 6/29/17	9:16:00PM
<b>Prep Batch ID:</b> 7946	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	10	ND		ug/Kg	07/01/17	5:44	BP	425205
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	5:44	BP	425205
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	07/01/17	5:44	BP	425205
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	07/01/17	5:44	BP	425205
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	07/01/17	5:44	BP	425205
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	07/01/17	5:44	BP	425205
1,1-Dichloroethane	SW8260B	1	2.0	10	ND		ug/Kg	07/01/17	5:44	BP	425205
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	07/01/17	5:44	BP	425205
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	07/01/17	5:44	BP	425205
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	07/01/17	5:44	BP	425205
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	07/01/17	5:44	BP	425205
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	07/01/17	5:44	BP	425205
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	07/01/17	5:44	BP	425205
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	07/01/17	5:44	BP	425205
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	07/01/17	5:44	BP	425205
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	07/01/17	5:44	BP	425205
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/01/17	5:44	BP	425205
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	07/01/17	5:44	BP	425205
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	07/01/17	5:44	BP	425205
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	07/01/17	5:44	BP	425205
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	07/01/17	5:44	BP	425205
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	07/01/17	5:44	BP	425205
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	07/01/17	5:44	BP	425205
TAME	SW8260B	1	2.3	10	ND		ug/Kg	07/01/17	5:44	BP	425205
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	07/01/17	5:44	BP	425205
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	5:44	BP	425205
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	5:44	BP	425205
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/01/17	5:44	BP	425205
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	07/01/17	5:44	BP	425205
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	5:44	BP	425205
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	5:44	BP	425205
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	5:44	BP	425205
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	5:44	BP	425205
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	5:44	BP	425205



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B8-5	<b>Lab Sample ID:</b>	1706234-009A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/27/17 / 9:20		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 6/29/17 9:16:00PM
<b>Prep Batch ID:</b> 7946	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	07/01/17	5:44	BP	425205
1,3-Dichloropropane	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	5:44	BP	425205
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	5:44	BP	425205
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	5:44	BP	425205
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	5:44	BP	425205
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	07/01/17	5:44	BP	425205
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	07/01/17	5:44	BP	425205
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	5:44	BP	425205
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	5:44	BP	425205
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	5:44	BP	425205
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	5:44	BP	425205
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	5:44	BP	425205
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	5:44	BP	425205
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	07/01/17	5:44	BP	425205
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	5:44	BP	425205
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	5:44	BP	425205
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/01/17	5:44	BP	425205
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	5:44	BP	425205
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	5:44	BP	425205
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	07/01/17	5:44	BP	425205
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	5:44	BP	425205
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	07/01/17	5:44	BP	425205
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	5:44	BP	425205
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	5:44	BP	425205
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	07/01/17	5:44	BP	425205
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	5:44	BP	425205
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	5:44	BP	425205
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	07/01/17	5:44	BP	425205
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	07/01/17	5:44	BP	425205
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	5:44	BP	425205
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	5:44	BP	425205
2-Butanone (MEK)	SW8260B	1	2.3	10	ND		ug/Kg	07/01/17	5:44	BP	425205
(S) Dibromofluoromethane	SW8260B		59.8 - 148		<b>89.0</b>		%	07/01/17	5:44	BP	425205
(S) Toluene-d8	SW8260B		55.2 - 133		<b>120</b>		%	07/01/17	5:44	BP	425205



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B8-5	<b>Lab Sample ID:</b>	1706234-009A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/27/17 / 9:20		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 6/29/17	9:16:00PM
<b>Prep Batch ID:</b> 7946	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		118		%	07/01/17	5:44	BP	425205



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B8-5	<b>Lab Sample ID:</b>	1706234-009A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/27/17 / 9:20		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 6/29/17	9:16:00PM
<b>Prep Batch ID:</b> 7947	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	07/01/17	5:44	BP	425205
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		<b>63.7</b>		%	07/01/17	5:44	BP	425205



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B8-10	<b>Lab Sample ID:</b>	1706234-010A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/27/17 / 9:35		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 3546-PAH	<b>Prep Batch Date/Time:</b> 7/5/17 6:06:00PM
<b>Prep Batch ID:</b> 7881	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Naphthalene	SW8270C	1	11	200	ND		ug/Kg	07/06/17	23:46	MT	425154
2-Methylnaphthalene	SW8270C	1	10	200	ND		ug/Kg	07/06/17	23:46	MT	425154
1-Methylnaphthalene	SW8270C	1	12	200	ND		ug/Kg	07/06/17	23:46	MT	425154
Acenaphthylene	SW8270C	1	8.3	200	ND		ug/Kg	07/06/17	23:46	MT	425154
Acenaphthene	SW8270C	1	11	200	ND		ug/Kg	07/06/17	23:46	MT	425154
Fluorene	SW8270C	1	10	200	ND		ug/Kg	07/06/17	23:46	MT	425154
Phenanthrene	SW8270C	1	9.3	200	ND		ug/Kg	07/06/17	23:46	MT	425154
Anthracene	SW8270C	1	8.9	200	ND		ug/Kg	07/06/17	23:46	MT	425154
Fluoranthene	SW8270C	1	10	200	ND		ug/Kg	07/06/17	23:46	MT	425154
Pyrene	SW8270C	1	12	200	ND		ug/Kg	07/06/17	23:46	MT	425154
Benz[a]anthracene	SW8270C	1	9.8	200	ND		ug/Kg	07/06/17	23:46	MT	425154
Chrysene	SW8270C	1	15	200	ND		ug/Kg	07/06/17	23:46	MT	425154
Benzo[b]fluoranthene	SW8270C	1	12	200	ND		ug/Kg	07/06/17	23:46	MT	425154
Benzo[k]fluoranthene	SW8270C	1	8.1	200	ND		ug/Kg	07/06/17	23:46	MT	425154
Benzo[a]pyrene	SW8270C	1	9.8	200	ND		ug/Kg	07/06/17	23:46	MT	425154
Indeno[1,2,3-cd]pyrene	SW8270C	1	14	200	ND		ug/Kg	07/06/17	23:46	MT	425154
Dibenz[a,h]anthracene	SW8270C	1	13	200	ND		ug/Kg	07/06/17	23:46	MT	425154
Benzo[g,h,i]perylene	SW8270C	1	17	200	ND		ug/Kg	07/06/17	23:46	MT	425154
Acceptance Limits											
Nitrobenzene-d5 (S)	SW8270C		23 - 120		<b>72.8</b>		%	07/06/17	23:46	MT	425154
2-Fluorobiphenyl (S)	SW8270C		30 - 115		<b>86.2</b>		%	07/06/17	23:46	MT	425154
p-Terphenyl-d14 (S)	SW8270C		18 - 137		<b>106</b>		%	07/06/17	23:46	MT	425154



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B8-10	<b>Lab Sample ID:</b>	1706234-010A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/27/17 / 9:35		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 3546_TPH	<b>Prep Batch Date/Time:</b> 7/6/17	5:04:00PM
<b>Prep Batch ID:</b> 7914	<b>Prep Analyst:</b> SNARASIMHAN	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.85	2.0	ND		mg/Kg	07/07/17	16:49	mk	425199
TPH as Motor Oil	SW8015B	1	3.2	10	ND		mg/Kg	07/07/17	16:49	mk	425199
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		<b>60.9</b>		%	07/07/17	16:49	mk	425199





## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B8-10	<b>Lab Sample ID:</b>	1706234-010A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/27/17 / 9:35		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 6/29/17 9:16:00PM
<b>Prep Batch ID:</b> 7946	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	10	ND		ug/Kg	07/01/17	10:08	BP	425205
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	10:08	BP	425205
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	07/01/17	10:08	BP	425205
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	07/01/17	10:08	BP	425205
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	07/01/17	10:08	BP	425205
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	07/01/17	10:08	BP	425205
1,1-Dichloroethane	SW8260B	1	2.0	10	ND		ug/Kg	07/01/17	10:08	BP	425205
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	07/01/17	10:08	BP	425205
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	07/01/17	10:08	BP	425205
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	07/01/17	10:08	BP	425205
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	07/01/17	10:08	BP	425205
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	07/01/17	10:08	BP	425205
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	07/01/17	10:08	BP	425205
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	07/01/17	10:08	BP	425205
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	07/01/17	10:08	BP	425205
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	07/01/17	10:08	BP	425205
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/01/17	10:08	BP	425205
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	07/01/17	10:08	BP	425205
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	07/01/17	10:08	BP	425205
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	07/01/17	10:08	BP	425205
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	07/01/17	10:08	BP	425205
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	07/01/17	10:08	BP	425205
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	07/01/17	10:08	BP	425205
TAME	SW8260B	1	2.3	10	ND		ug/Kg	07/01/17	10:08	BP	425205
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	07/01/17	10:08	BP	425205
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	10:08	BP	425205
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	10:08	BP	425205
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/01/17	10:08	BP	425205
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	07/01/17	10:08	BP	425205
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	10:08	BP	425205
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	10:08	BP	425205
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	10:08	BP	425205
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	10:08	BP	425205
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	10:08	BP	425205



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B8-10	<b>Lab Sample ID:</b>	1706234-010A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/27/17 / 9:35		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 6/29/17	9:16:00PM
<b>Prep Batch ID:</b> 7946	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	07/01/17	10:08	BP	425205
1,3-Dichloropropane	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	10:08	BP	425205
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	10:08	BP	425205
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	10:08	BP	425205
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	10:08	BP	425205
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	07/01/17	10:08	BP	425205
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	07/01/17	10:08	BP	425205
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	10:08	BP	425205
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	10:08	BP	425205
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	10:08	BP	425205
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	10:08	BP	425205
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	10:08	BP	425205
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	10:08	BP	425205
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	07/01/17	10:08	BP	425205
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	10:08	BP	425205
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	10:08	BP	425205
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/01/17	10:08	BP	425205
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	10:08	BP	425205
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	10:08	BP	425205
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	07/01/17	10:08	BP	425205
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	07/01/17	10:08	BP	425205
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	07/01/17	10:08	BP	425205
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	10:08	BP	425205
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	10:08	BP	425205
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	07/01/17	10:08	BP	425205
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	10:08	BP	425205
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	07/01/17	10:08	BP	425205
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	07/01/17	10:08	BP	425205
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	07/01/17	10:08	BP	425205
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	10:08	BP	425205
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/01/17	10:08	BP	425205
2-Butanone (MEK)	SW8260B	1	2.3	10	ND		ug/Kg	07/01/17	10:08	BP	425205
(S) Dibromofluoromethane	SW8260B		59.8 - 148		<b>99.8</b>		%	07/01/17	10:08	BP	425205
(S) Toluene-d8	SW8260B		55.2 - 133		<b>121</b>		%	07/01/17	10:08	BP	425205



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B8-10	<b>Lab Sample ID:</b>	1706234-010A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/27/17 / 9:35		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 6/29/17	9:16:00PM
<b>Prep Batch ID:</b> 7946	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		124		%	07/01/17	10:08	BP	425205



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B8-10	<b>Lab Sample ID:</b>	1706234-010A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/27/17 / 9:35		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 6/29/17	9:16:00PM
<b>Prep Batch ID:</b> 7947	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	07/01/17	10:08	BP	425205
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		<b>72.5</b>		%	07/01/17	10:08	BP	425205



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B8-12	<b>Lab Sample ID:</b>	1706234-011A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/27/17 / 9:45		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 3546-PAH	<b>Prep Batch Date/Time:</b> 7/5/17 6:06:00PM
<b>Prep Batch ID:</b> 7881	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Naphthalene	SW8270C	1	11	200	ND		ug/Kg	07/07/17	0:15	MT	425154
2-Methylnaphthalene	SW8270C	1	10	200	ND		ug/Kg	07/07/17	0:15	MT	425154
1-Methylnaphthalene	SW8270C	1	12	200	ND		ug/Kg	07/07/17	0:15	MT	425154
Acenaphthylene	SW8270C	1	8.3	200	ND		ug/Kg	07/07/17	0:15	MT	425154
Acenaphthene	SW8270C	1	11	200	ND		ug/Kg	07/07/17	0:15	MT	425154
Fluorene	SW8270C	1	10	200	ND		ug/Kg	07/07/17	0:15	MT	425154
Phenanthrene	SW8270C	1	9.3	200	ND		ug/Kg	07/07/17	0:15	MT	425154
Anthracene	SW8270C	1	8.9	200	ND		ug/Kg	07/07/17	0:15	MT	425154
Fluoranthene	SW8270C	1	10	200	ND		ug/Kg	07/07/17	0:15	MT	425154
Pyrene	SW8270C	1	12	200	ND		ug/Kg	07/07/17	0:15	MT	425154
Benz[a]anthracene	SW8270C	1	9.8	200	ND		ug/Kg	07/07/17	0:15	MT	425154
Chrysene	SW8270C	1	15	200	ND		ug/Kg	07/07/17	0:15	MT	425154
Benzo[b]fluoranthene	SW8270C	1	12	200	ND		ug/Kg	07/07/17	0:15	MT	425154
Benzo[k]fluoranthene	SW8270C	1	8.1	200	ND		ug/Kg	07/07/17	0:15	MT	425154
Benzo[a]pyrene	SW8270C	1	9.8	200	ND		ug/Kg	07/07/17	0:15	MT	425154
Indeno[1,2,3-cd]pyrene	SW8270C	1	14	200	ND		ug/Kg	07/07/17	0:15	MT	425154
Dibenz[a,h]anthracene	SW8270C	1	13	200	ND		ug/Kg	07/07/17	0:15	MT	425154
Benzo[g,h,i]perylene	SW8270C	1	17	200	ND		ug/Kg	07/07/17	0:15	MT	425154
Acceptance Limits											
Nitrobenzene-d5 (S)	SW8270C		23 - 120		<b>60.9</b>		%	07/07/17	0:15	MT	425154
2-Fluorobiphenyl (S)	SW8270C		30 - 115		<b>75.0</b>		%	07/07/17	0:15	MT	425154
p-Terphenyl-d14 (S)	SW8270C		18 - 137		<b>80.9</b>		%	07/07/17	0:15	MT	425154



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B8-12	<b>Lab Sample ID:</b>	1706234-011A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/27/17 / 9:45		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 3546_TPH	<b>Prep Batch Date/Time:</b> 7/6/17	5:04:00PM
<b>Prep Batch ID:</b> 7914	<b>Prep Analyst:</b> SNARASIMHAN	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.85	2.0	ND		mg/Kg	07/07/17	17:22	mk	425199
TPH as Motor Oil	SW8015B	1	3.2	10	ND		mg/Kg	07/07/17	17:22	mk	425199
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		<b>68.3</b>		%	07/07/17	17:22	mk	425199



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B8-12	<b>Lab Sample ID:</b>	1706234-011A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/27/17 / 9:45		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 7/6/17 9:19:00AM
<b>Prep Batch ID:</b> 7952	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	10	ND		ug/Kg	07/06/17	20:14	BP	425210
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	07/06/17	20:14	BP	425210
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	07/06/17	20:14	BP	425210
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	07/06/17	20:14	BP	425210
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	07/06/17	20:14	BP	425210
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	07/06/17	20:14	BP	425210
1,1-Dichloroethane	SW8260B	1	2.0	10	ND		ug/Kg	07/06/17	20:14	BP	425210
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	07/06/17	20:14	BP	425210
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	07/06/17	20:14	BP	425210
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	07/06/17	20:14	BP	425210
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	07/06/17	20:14	BP	425210
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	07/06/17	20:14	BP	425210
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	07/06/17	20:14	BP	425210
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	07/06/17	20:14	BP	425210
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	07/06/17	20:14	BP	425210
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	07/06/17	20:14	BP	425210
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/06/17	20:14	BP	425210
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	07/06/17	20:14	BP	425210
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	07/06/17	20:14	BP	425210
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	07/06/17	20:14	BP	425210
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	07/06/17	20:14	BP	425210
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	07/06/17	20:14	BP	425210
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	07/06/17	20:14	BP	425210
TAME	SW8260B	1	2.3	10	ND		ug/Kg	07/06/17	20:14	BP	425210
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	07/06/17	20:14	BP	425210
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	07/06/17	20:14	BP	425210
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	07/06/17	20:14	BP	425210
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/06/17	20:14	BP	425210
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	07/06/17	20:14	BP	425210
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	07/06/17	20:14	BP	425210
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	07/06/17	20:14	BP	425210
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	07/06/17	20:14	BP	425210
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	07/06/17	20:14	BP	425210
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	07/06/17	20:14	BP	425210



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B8-12	<b>Lab Sample ID:</b>	1706234-011A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/27/17 / 9:45		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 7/6/17 9:19:00AM
<b>Prep Batch ID:</b> 7952	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	07/06/17	20:14	BP	425210
1,3-Dichloropropane	SW8260B	1	1.8	10	ND		ug/Kg	07/06/17	20:14	BP	425210
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	07/06/17	20:14	BP	425210
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/06/17	20:14	BP	425210
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	07/06/17	20:14	BP	425210
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	07/06/17	20:14	BP	425210
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	07/06/17	20:14	BP	425210
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	07/06/17	20:14	BP	425210
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	07/06/17	20:14	BP	425210
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	07/06/17	20:14	BP	425210
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	07/06/17	20:14	BP	425210
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/06/17	20:14	BP	425210
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/06/17	20:14	BP	425210
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	07/06/17	20:14	BP	425210
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	07/06/17	20:14	BP	425210
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/06/17	20:14	BP	425210
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/06/17	20:14	BP	425210
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	07/06/17	20:14	BP	425210
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/06/17	20:14	BP	425210
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	07/06/17	20:14	BP	425210
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	07/06/17	20:14	BP	425210
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	07/06/17	20:14	BP	425210
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/06/17	20:14	BP	425210
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/06/17	20:14	BP	425210
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	07/06/17	20:14	BP	425210
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/06/17	20:14	BP	425210
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	07/06/17	20:14	BP	425210
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	07/06/17	20:14	BP	425210
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	07/06/17	20:14	BP	425210
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	07/06/17	20:14	BP	425210
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/06/17	20:14	BP	425210
2-Butanone (MEK)	SW8260B	1	2.3	10	ND		ug/Kg	07/06/17	20:14	BP	425210
(S) Dibromofluoromethane	SW8260B		59.8 - 148		<b>97.2</b>		%	07/06/17	20:14	BP	425210
(S) Toluene-d8	SW8260B		55.2 - 133		<b>97.5</b>		%	07/06/17	20:14	BP	425210





## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B8-12	<b>Lab Sample ID:</b>	1706234-011A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/27/17 / 9:45		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 7/6/17	9:19:00AM
<b>Prep Batch ID:</b> 7952	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		<b>106</b>		%	07/06/17	20:14	BP	425210



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B8-12	<b>Lab Sample ID:</b>	1706234-011A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/27/17 / 9:45		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 7/6/17	9:19:00AM
<b>Prep Batch ID:</b> 7955	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	07/06/17	20:14	BP	425210
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		<b>72.2</b>		%	07/06/17	20:14	BP	425210



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B8-15	<b>Lab Sample ID:</b>	1706234-012A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/27/17 / 9:55		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 3546-PAH	<b>Prep Batch Date/Time:</b> 7/5/17 6:06:00PM
<b>Prep Batch ID:</b> 7881	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Naphthalene	SW8270C	1	11	200	ND		ug/Kg	07/07/17	0:44	MT	425154
2-Methylnaphthalene	SW8270C	1	10	200	ND		ug/Kg	07/07/17	0:44	MT	425154
1-Methylnaphthalene	SW8270C	1	12	200	ND		ug/Kg	07/07/17	0:44	MT	425154
Acenaphthylene	SW8270C	1	8.3	200	ND		ug/Kg	07/07/17	0:44	MT	425154
Acenaphthene	SW8270C	1	11	200	ND		ug/Kg	07/07/17	0:44	MT	425154
Fluorene	SW8270C	1	10	200	ND		ug/Kg	07/07/17	0:44	MT	425154
Phenanthrene	SW8270C	1	9.3	200	ND		ug/Kg	07/07/17	0:44	MT	425154
Anthracene	SW8270C	1	8.9	200	ND		ug/Kg	07/07/17	0:44	MT	425154
Fluoranthene	SW8270C	1	10	200	ND		ug/Kg	07/07/17	0:44	MT	425154
Pyrene	SW8270C	1	12	200	ND		ug/Kg	07/07/17	0:44	MT	425154
Benz[a]anthracene	SW8270C	1	9.8	200	ND		ug/Kg	07/07/17	0:44	MT	425154
Chrysene	SW8270C	1	15	200	ND		ug/Kg	07/07/17	0:44	MT	425154
Benzo[b]fluoranthene	SW8270C	1	12	200	ND		ug/Kg	07/07/17	0:44	MT	425154
Benzo[k]fluoranthene	SW8270C	1	8.1	200	ND		ug/Kg	07/07/17	0:44	MT	425154
Benzo[a]pyrene	SW8270C	1	9.8	200	ND		ug/Kg	07/07/17	0:44	MT	425154
Indeno[1,2,3-cd]pyrene	SW8270C	1	14	200	ND		ug/Kg	07/07/17	0:44	MT	425154
Dibenz[a,h]anthracene	SW8270C	1	13	200	ND		ug/Kg	07/07/17	0:44	MT	425154
Benzo[g,h,i]perylene	SW8270C	1	17	200	ND		ug/Kg	07/07/17	0:44	MT	425154
Acceptance Limits											
Nitrobenzene-d5 (S)	SW8270C		23 - 120		<b>85.8</b>		%	07/07/17	0:44	MT	425154
2-Fluorobiphenyl (S)	SW8270C		30 - 115		<b>98.0</b>		%	07/07/17	0:44	MT	425154
p-Terphenyl-d14 (S)	SW8270C		18 - 137		<b>85.4</b>		%	07/07/17	0:44	MT	425154



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B8-15	<b>Lab Sample ID:</b>	1706234-012A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/27/17 / 9:55		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 3546_TPH	<b>Prep Batch Date/Time:</b> 7/6/17	5:04:00PM
<b>Prep Batch ID:</b> 7914	<b>Prep Analyst:</b> SNARASIMHAN	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.85	2.0	<b>3.18</b>	x	mg/Kg	07/07/17	18:40	mk	425199
TPH as Motor Oil	SW8015B	1	3.2	10	ND		mg/Kg	07/07/17	18:40	mk	425199
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		<b>74.9</b>		%	07/07/17	18:40	mk	425199

**NOTE:** x-presence of discrete peaks not typical of diesel pattern



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B8-15	<b>Lab Sample ID:</b>	1706234-012A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/27/17 / 9:55		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 7/6/17 9:19:00AM
<b>Prep Batch ID:</b> 7952	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	10	ND		ug/Kg	07/06/17	20:50	BP	425210
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	07/06/17	20:50	BP	425210
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	07/06/17	20:50	BP	425210
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	07/06/17	20:50	BP	425210
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	07/06/17	20:50	BP	425210
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	07/06/17	20:50	BP	425210
1,1-Dichloroethane	SW8260B	1	2.0	10	ND		ug/Kg	07/06/17	20:50	BP	425210
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	07/06/17	20:50	BP	425210
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	07/06/17	20:50	BP	425210
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	07/06/17	20:50	BP	425210
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	07/06/17	20:50	BP	425210
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	07/06/17	20:50	BP	425210
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	07/06/17	20:50	BP	425210
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	07/06/17	20:50	BP	425210
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	07/06/17	20:50	BP	425210
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	07/06/17	20:50	BP	425210
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/06/17	20:50	BP	425210
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	07/06/17	20:50	BP	425210
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	07/06/17	20:50	BP	425210
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	07/06/17	20:50	BP	425210
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	07/06/17	20:50	BP	425210
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	07/06/17	20:50	BP	425210
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	07/06/17	20:50	BP	425210
TAME	SW8260B	1	2.3	10	ND		ug/Kg	07/06/17	20:50	BP	425210
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	07/06/17	20:50	BP	425210
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	07/06/17	20:50	BP	425210
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	07/06/17	20:50	BP	425210
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/06/17	20:50	BP	425210
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	07/06/17	20:50	BP	425210
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	07/06/17	20:50	BP	425210
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	07/06/17	20:50	BP	425210
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	07/06/17	20:50	BP	425210
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	07/06/17	20:50	BP	425210
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	07/06/17	20:50	BP	425210



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B8-15	<b>Lab Sample ID:</b>	1706234-012A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/27/17 / 9:55		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 7/6/17 9:19:00AM
<b>Prep Batch ID:</b> 7952	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	07/06/17	20:50	BP	425210
1,3-Dichloropropane	SW8260B	1	1.8	10	ND		ug/Kg	07/06/17	20:50	BP	425210
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	07/06/17	20:50	BP	425210
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/06/17	20:50	BP	425210
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	07/06/17	20:50	BP	425210
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	07/06/17	20:50	BP	425210
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	07/06/17	20:50	BP	425210
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	07/06/17	20:50	BP	425210
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	07/06/17	20:50	BP	425210
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	07/06/17	20:50	BP	425210
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	07/06/17	20:50	BP	425210
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/06/17	20:50	BP	425210
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/06/17	20:50	BP	425210
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	07/06/17	20:50	BP	425210
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	07/06/17	20:50	BP	425210
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/06/17	20:50	BP	425210
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/06/17	20:50	BP	425210
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	07/06/17	20:50	BP	425210
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/06/17	20:50	BP	425210
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	07/06/17	20:50	BP	425210
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	07/06/17	20:50	BP	425210
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	07/06/17	20:50	BP	425210
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/06/17	20:50	BP	425210
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/06/17	20:50	BP	425210
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	07/06/17	20:50	BP	425210
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/06/17	20:50	BP	425210
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	07/06/17	20:50	BP	425210
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	07/06/17	20:50	BP	425210
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	07/06/17	20:50	BP	425210
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	07/06/17	20:50	BP	425210
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/06/17	20:50	BP	425210
2-Butanone (MEK)	SW8260B	1	2.3	10	ND		ug/Kg	07/06/17	20:50	BP	425210
(S) Dibromofluoromethane	SW8260B		59.8 - 148		<b>99.2</b>		%	07/06/17	20:50	BP	425210
(S) Toluene-d8	SW8260B		55.2 - 133		<b>99.5</b>		%	07/06/17	20:50	BP	425210



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B8-15	<b>Lab Sample ID:</b>	1706234-012A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/27/17 / 9:55		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 7/6/17	9:19:00AM
<b>Prep Batch ID:</b> 7952	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		<b>107</b>		%	07/06/17	20:50	BP	425210



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B8-15	<b>Lab Sample ID:</b>	1706234-012A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/27/17 / 9:55		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 7/6/17	9:19:00AM
<b>Prep Batch ID:</b> 7955	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	07/06/17	20:50	BP	425210
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		<b>92.6</b>		%	07/06/17	20:50	BP	425210





## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B1-GW	<b>Lab Sample ID:</b>	1706234-013A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Groundwater
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/27/17 / 10:40		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 3510_TPH	<b>Prep Batch Date/Time:</b> 7/1/17 11:40:00AM
<b>Prep Batch ID:</b> 7854	<b>Prep Analyst:</b> ROME

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.045	0.12	<b>1.04</b>	x	mg/L	07/04/17	18:23	mk	425129
TPH as Motor Oil	SW8015B	1	0.14	0.49	<b>0.903</b>		mg/L	07/04/17	18:23	mk	425129
Acceptance Limits											
Pentacosane (S)	SW8015B		59 - 129		<b>98.3</b>		%	07/04/17	18:23	mk	425129

**NOTE:** x- Chromatographic pattern does not resemble typical diesel reference standard; unknown organics within diesel range slightly heavier than diesel and presence of discrete peaks within diesel quantified range.



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B1-GW	<b>Lab Sample ID:</b>	1706234-013B
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Groundwater
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/27/17 / 10:40		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5030VOC	<b>Prep Batch Date/Time:</b> 6/29/17 9:50:00AM
<b>Prep Batch ID:</b> 7903	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	4.2	1.1	2.1	ND		ug/L	06/29/17	19:09	BP	425175
Chloromethane	SW8260B	4.2	0.70	2.1	ND		ug/L	06/29/17	19:09	BP	425175
Vinyl Chloride	SW8260B	4.2	0.87	2.1	ND		ug/L	06/29/17	19:09	BP	425175
Bromomethane	SW8260B	4.2	0.89	2.1	ND		ug/L	06/29/17	19:09	BP	425175
Chloroethane	SW8260B	4.2	0.48	2.1	ND		ug/L	06/29/17	19:09	BP	425175
Trichlorofluoromethane	SW8260B	4.2	0.78	2.1	ND		ug/L	06/29/17	19:09	BP	425175
1,1-Dichloroethane	SW8260B	4.2	0.60	2.1	ND		ug/L	06/29/17	19:09	BP	425175
Freon 113	SW8260B	4.2	1.4	2.1	ND		ug/L	06/29/17	19:09	BP	425175
Methylene Chloride	SW8260B	4.2	0.55	2.1	ND		ug/L	06/29/17	19:09	BP	425175
trans-1,2-Dichloroethene	SW8260B	4.2	0.68	2.1	ND		ug/L	06/29/17	19:09	BP	425175
MTBE	SW8260B	4.2	0.32	2.1	13		ug/L	06/29/17	19:09	BP	425175
tert-Butanol	SW8260B	4.2	31	42	ND		ug/L	06/29/17	19:09	BP	425175
Diisopropyl ether (DIPE)	SW8260B	4.2	0.51	2.1	ND		ug/L	06/29/17	19:09	BP	425175
1,1-Dichloroethane	SW8260B	4.2	0.51	2.1	ND		ug/L	06/29/17	19:09	BP	425175
ETBE	SW8260B	4.2	0.27	2.1	ND		ug/L	06/29/17	19:09	BP	425175
cis-1,2-Dichloroethene	SW8260B	4.2	0.63	2.1	ND		ug/L	06/29/17	19:09	BP	425175
2,2-Dichloropropane	SW8260B	4.2	0.39	2.1	ND		ug/L	06/29/17	19:09	BP	425175
Bromochloromethane	SW8260B	4.2	0.63	2.1	ND		ug/L	06/29/17	19:09	BP	425175
Chloroform	SW8260B	4.2	0.51	2.1	ND		ug/L	06/29/17	19:09	BP	425175
Carbon Tetrachloride	SW8260B	4.2	0.66	2.1	ND		ug/L	06/29/17	19:09	BP	425175
1,1,1-Trichloroethane	SW8260B	4.2	0.68	2.1	ND		ug/L	06/29/17	19:09	BP	425175
1,1-Dichloropropene	SW8260B	4.2	0.78	2.1	ND		ug/L	06/29/17	19:09	BP	425175
Benzene	SW8260B	4.2	0.66	2.1	4.8		ug/L	06/29/17	19:09	BP	425175
TAME	SW8260B	4.2	0.30	2.1	ND		ug/L	06/29/17	19:09	BP	425175
1,2-Dichloroethane	SW8260B	4.2	0.46	2.1	ND		ug/L	06/29/17	19:09	BP	425175
Trichloroethylene	SW8260B	4.2	0.61	2.1	ND		ug/L	06/29/17	19:09	BP	425175
Dibromomethane	SW8260B	4.2	0.45	2.1	ND		ug/L	06/29/17	19:09	BP	425175
1,2-Dichloropropane	SW8260B	4.2	0.37	2.1	ND		ug/L	06/29/17	19:09	BP	425175
Bromodichloromethane	SW8260B	4.2	0.32	2.1	ND		ug/L	06/29/17	19:09	BP	425175
cis-1,3-Dichloropropene	SW8260B	4.2	0.33	2.1	ND		ug/L	06/29/17	19:09	BP	425175
Toluene	SW8260B	4.2	0.60	2.1	2.4		ug/L	06/29/17	19:09	BP	425175
Tetrachloroethylene	SW8260B	4.2	1.00	2.1	ND		ug/L	06/29/17	19:09	BP	425175
trans-1,3-Dichloropropene	SW8260B	4.2	0.91	2.1	ND		ug/L	06/29/17	19:09	BP	425175
1,1,2-Trichloroethane	SW8260B	4.2	0.32	2.1	ND		ug/L	06/29/17	19:09	BP	425175



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B1-GW	<b>Lab Sample ID:</b>	1706234-013B
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Groundwater
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/27/17 / 10:40		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5030VOC	<b>Prep Batch Date/Time:</b> 6/29/17 9:50:00AM
<b>Prep Batch ID:</b> 7903	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dibromochloromethane	SW8260B	4.2	0.76	2.1	ND		ug/L	06/29/17	19:09	BP	425175
1,3-Dichloropropane	SW8260B	4.2	0.91	2.1	ND		ug/L	06/29/17	19:09	BP	425175
1,2-Dibromoethane	SW8260B	4.2	0.33	2.1	ND		ug/L	06/29/17	19:09	BP	425175
Ethyl Benzene	SW8260B	4.2	0.82	2.1	ND		ug/L	06/29/17	19:09	BP	425175
1,1,1,2-Tetrachloroethane	SW8260B	4.2	0.37	2.1	ND		ug/L	06/29/17	19:09	BP	425175
m,p-Xylene	SW8260B	4.2	1.7	4.2	ND		ug/L	06/29/17	19:09	BP	425175
o-Xylene	SW8260B	4.2	0.65	2.1	ND		ug/L	06/29/17	19:09	BP	425175
Styrene	SW8260B	4.2	0.46	2.1	3.2		ug/L	06/29/17	19:09	BP	425175
Bromoform	SW8260B	4.2	0.32	2.1	ND		ug/L	06/29/17	19:09	BP	425175
Isopropyl Benzene	SW8260B	4.2	0.91	2.1	ND		ug/L	06/29/17	19:09	BP	425175
n-Propylbenzene	SW8260B	4.2	1.2	2.1	2.5		ug/L	06/29/17	19:09	BP	425175
Bromobenzene	SW8260B	4.2	0.63	2.1	ND		ug/L	06/29/17	19:09	BP	425175
1,1,2,2-Tetrachloroethane	SW8260B	4.2	0.33	2.1	ND		ug/L	06/29/17	19:09	BP	425175
2-Chlorotoluene	SW8260B	4.2	1.1	2.1	ND		ug/L	06/29/17	19:09	BP	425175
1,3,5-Trimethylbenzene	SW8260B	4.2	1.0	2.1	ND		ug/L	06/29/17	19:09	BP	425175
1,2,3-Trichloropropane	SW8260B	4.2	0.61	2.1	ND		ug/L	06/29/17	19:09	BP	425175
4-Chlorotoluene	SW8260B	4.2	0.90	2.1	ND		ug/L	06/29/17	19:09	BP	425175
tert-Butylbenzene	SW8260B	4.2	1.1	2.1	ND		ug/L	06/29/17	19:09	BP	425175
1,2,4-Trimethylbenzene	SW8260B	4.2	0.97	2.1	ND		ug/L	06/29/17	19:09	BP	425175
sec-Butyl Benzene	SW8260B	4.2	1.2	2.1	2.2		ug/L	06/29/17	19:09	BP	425175
p-Isopropyltoluene	SW8260B	4.2	1.1	2.1	ND		ug/L	06/29/17	19:09	BP	425175
1,3-Dichlorobenzene	SW8260B	4.2	0.70	2.1	ND		ug/L	06/29/17	19:09	BP	425175
1,4-Dichlorobenzene	SW8260B	4.2	0.74	2.1	ND		ug/L	06/29/17	19:09	BP	425175
n-Butylbenzene	SW8260B	4.2	1.1	2.1	ND		ug/L	06/29/17	19:09	BP	425175
1,2-Dichlorobenzene	SW8260B	4.2	0.67	2.1	ND		ug/L	06/29/17	19:09	BP	425175
1,2-Dibromo-3-Chloropropane	SW8260B	4.2	3.2	8.4	ND		ug/L	06/29/17	19:09	BP	425175
Hexachlorobutadiene	SW8260B	4.2	2.6	8.4	ND		ug/L	06/29/17	19:09	BP	425175
1,2,4-Trichlorobenzene	SW8260B	4.2	3.9	8.4	ND		ug/L	06/29/17	19:09	BP	425175
Naphthalene	SW8260B	4.2	5.1	8.4	ND		ug/L	06/29/17	19:09	BP	425175
1,2,3-Trichlorobenzene	SW8260B	4.2	5.1	8.4	ND		ug/L	06/29/17	19:09	BP	425175
(S) Dibromofluoromethane	SW8260B		61.2 - 131		119		%	06/29/17	19:09	BP	425175
(S) Toluene-d8	SW8260B		75.1 - 127		91.6		%	06/29/17	19:09	BP	425175
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		93.2		%	06/29/17	19:09	BP	425175



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B1-GW	<b>Lab Sample ID:</b>	1706234-013B
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Groundwater
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/27/17 / 10:40		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5030VOC	<b>Prep Batch Date/Time:</b> 6/30/17	8:30:00AM
<b>Prep Batch ID:</b> 7841	<b>Prep Analyst:</b> BALI	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Chlorobenzene	SW8260B	42	6.8	21	<b>2700</b>		ug/L	06/30/17	13:18	BP	425114
(S) Dibromofluoromethane	SW8260B		61.2 - 131		<b>116</b>		%	06/30/17	13:18	BP	425114
(S) Toluene-d8	SW8260B		75.1 - 127		<b>95.7</b>		%	06/30/17	13:18	BP	425114
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		<b>91.6</b>		%	06/30/17	13:18	BP	425114



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B1-GW	<b>Lab Sample ID:</b>	1706234-013B
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Groundwater
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/27/17 / 10:40		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5030GRO	<b>Prep Batch Date/Time:</b> 6/29/17	9:50:00AM
<b>Prep Batch ID:</b> 7904	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	4.2	120	210	<b>2860</b>		ug/L	06/29/17	19:09	BP	425175
(S) 4-Bromofluorobenzene	8260TPH		41.5 - 125		<b>125</b>		%	06/29/17	19:09	BP	425175

**NOTE:** x - Does not match pattern of reference Gasoline standard. Reported TPH value due to discrete peak within range of C5-C12 quantified as gasoline.



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B2-GW	<b>Lab Sample ID:</b>	1706234-014A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Groundwater
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/27/17 / 10:50		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 3510_TPH	<b>Prep Batch Date/Time:</b> 7/1/17	11:40:00AM
<b>Prep Batch ID:</b> 7854	<b>Prep Analyst:</b> ROME	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.037	0.10	<b>0.104</b>	x	mg/L	07/04/17	18:45	mk	425129
TPH as Motor Oil	SW8015B	1	0.11	0.40	ND		mg/L	07/04/17	18:45	mk	425129
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		<b>113</b>		%	07/04/17	18:45	mk	425129



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B2-GW	<b>Lab Sample ID:</b>	1706234-014B
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Groundwater
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/27/17 / 10:50		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5030VOC	<b>Prep Batch Date/Time:</b> 6/29/17 9:50:00AM
<b>Prep Batch ID:</b> 7903	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	0.26	0.50	ND		ug/L	06/29/17	17:09	BP	425175
Chloromethane	SW8260B	1	0.17	0.50	ND		ug/L	06/29/17	17:09	BP	425175
Vinyl Chloride	SW8260B	1	0.21	0.50	ND		ug/L	06/29/17	17:09	BP	425175
Bromomethane	SW8260B	1	0.21	0.50	ND		ug/L	06/29/17	17:09	BP	425175
Chloroethane	SW8260B	1	0.11	0.50	ND		ug/L	06/29/17	17:09	BP	425175
Trichlorofluoromethane	SW8260B	1	0.19	0.50	ND		ug/L	06/29/17	17:09	BP	425175
1,1-Dichloroethene	SW8260B	1	0.14	0.50	ND		ug/L	06/29/17	17:09	BP	425175
Freon 113	SW8260B	1	0.34	0.50	ND		ug/L	06/29/17	17:09	BP	425175
Methylene Chloride	SW8260B	1	0.13	0.50	ND		ug/L	06/29/17	17:09	BP	425175
trans-1,2-Dichloroethene	SW8260B	1	0.16	0.50	ND		ug/L	06/29/17	17:09	BP	425175
MTBE	SW8260B	1	0.077	0.50	ND		ug/L	06/29/17	17:09	BP	425175
tert-Butanol	SW8260B	1	7.4	10	ND		ug/L	06/29/17	17:09	BP	425175
Diisopropyl ether (DIPE)	SW8260B	1	0.12	0.50	ND		ug/L	06/29/17	17:09	BP	425175
1,1-Dichloroethane	SW8260B	1	0.12	0.50	ND		ug/L	06/29/17	17:09	BP	425175
ETBE	SW8260B	1	0.064	0.50	ND		ug/L	06/29/17	17:09	BP	425175
cis-1,2-Dichloroethene	SW8260B	1	0.15	0.50	ND		ug/L	06/29/17	17:09	BP	425175
2,2-Dichloropropane	SW8260B	1	0.094	0.50	ND		ug/L	06/29/17	17:09	BP	425175
Bromochloromethane	SW8260B	1	0.15	0.50	ND		ug/L	06/29/17	17:09	BP	425175
Chloroform	SW8260B	1	0.12	0.50	0.61		ug/L	06/29/17	17:09	BP	425175
Carbon Tetrachloride	SW8260B	1	0.16	0.50	ND		ug/L	06/29/17	17:09	BP	425175
1,1,1-Trichloroethane	SW8260B	1	0.16	0.50	ND		ug/L	06/29/17	17:09	BP	425175
1,1-Dichloropropene	SW8260B	1	0.19	0.50	ND		ug/L	06/29/17	17:09	BP	425175
Benzene	SW8260B	1	0.16	0.50	ND		ug/L	06/29/17	17:09	BP	425175
TAME	SW8260B	1	0.072	0.50	ND		ug/L	06/29/17	17:09	BP	425175
1,2-Dichloroethane	SW8260B	1	0.11	0.50	ND		ug/L	06/29/17	17:09	BP	425175
Trichloroethylene	SW8260B	1	0.15	0.50	ND		ug/L	06/29/17	17:09	BP	425175
Dibromomethane	SW8260B	1	0.11	0.50	ND		ug/L	06/29/17	17:09	BP	425175
1,2-Dichloropropane	SW8260B	1	0.089	0.50	ND		ug/L	06/29/17	17:09	BP	425175
Bromodichloromethane	SW8260B	1	0.076	0.50	ND		ug/L	06/29/17	17:09	BP	425175
cis-1,3-Dichloropropene	SW8260B	1	0.078	0.50	ND		ug/L	06/29/17	17:09	BP	425175
Toluene	SW8260B	1	0.14	0.50	ND		ug/L	06/29/17	17:09	BP	425175
Tetrachloroethylene	SW8260B	1	0.24	0.50	ND		ug/L	06/29/17	17:09	BP	425175
trans-1,3-Dichloropropene	SW8260B	1	0.22	0.50	ND		ug/L	06/29/17	17:09	BP	425175
1,1,2-Trichloroethane	SW8260B	1	0.076	0.50	ND		ug/L	06/29/17	17:09	BP	425175



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B2-GW	<b>Lab Sample ID:</b>	1706234-014B
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Groundwater
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/27/17 / 10:50		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5030VOC	<b>Prep Batch Date/Time:</b> 6/29/17	9:50:00AM
<b>Prep Batch ID:</b> 7903	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dibromochloromethane	SW8260B	1	0.18	0.50	ND		ug/L	06/29/17	17:09	BP	425175
1,3-Dichloropropane	SW8260B	1	0.22	0.50	ND		ug/L	06/29/17	17:09	BP	425175
1,2-Dibromoethane	SW8260B	1	0.079	0.50	ND		ug/L	06/29/17	17:09	BP	425175
Chlorobenzene	SW8260B	1	0.16	0.50	<b>6.3</b>		ug/L	06/29/17	17:09	BP	425175
Ethyl Benzene	SW8260B	1	0.20	0.50	ND		ug/L	06/29/17	17:09	BP	425175
1,1,1,2-Tetrachloroethane	SW8260B	1	0.087	0.50	ND		ug/L	06/29/17	17:09	BP	425175
m,p-Xylene	SW8260B	1	0.39	1.0	ND		ug/L	06/29/17	17:09	BP	425175
o-Xylene	SW8260B	1	0.15	0.50	ND		ug/L	06/29/17	17:09	BP	425175
Styrene	SW8260B	1	0.11	0.50	ND		ug/L	06/29/17	17:09	BP	425175
Bromoform	SW8260B	1	0.076	0.50	ND		ug/L	06/29/17	17:09	BP	425175
Isopropyl Benzene	SW8260B	1	0.22	0.50	ND		ug/L	06/29/17	17:09	BP	425175
n-Propylbenzene	SW8260B	1	0.30	0.50	ND		ug/L	06/29/17	17:09	BP	425175
Bromobenzene	SW8260B	1	0.15	0.50	ND		ug/L	06/29/17	17:09	BP	425175
1,1,2,2-Tetrachloroethane	SW8260B	1	0.079	0.50	ND		ug/L	06/29/17	17:09	BP	425175
2-Chlorotoluene	SW8260B	1	0.25	0.50	ND		ug/L	06/29/17	17:09	BP	425175
1,3,5-Trimethylbenzene	SW8260B	1	0.24	0.50	ND		ug/L	06/29/17	17:09	BP	425175
1,2,3-Trichloropropane	SW8260B	1	0.15	0.50	ND		ug/L	06/29/17	17:09	BP	425175
4-Chlorotoluene	SW8260B	1	0.22	0.50	ND		ug/L	06/29/17	17:09	BP	425175
tert-Butylbenzene	SW8260B	1	0.26	0.50	ND		ug/L	06/29/17	17:09	BP	425175
1,2,4-Trimethylbenzene	SW8260B	1	0.23	0.50	ND		ug/L	06/29/17	17:09	BP	425175
sec-Butyl Benzene	SW8260B	1	0.30	0.50	ND		ug/L	06/29/17	17:09	BP	425175
p-Isopropyltoluene	SW8260B	1	0.27	0.50	ND		ug/L	06/29/17	17:09	BP	425175
1,3-Dichlorobenzene	SW8260B	1	0.17	0.50	ND		ug/L	06/29/17	17:09	BP	425175
1,4-Dichlorobenzene	SW8260B	1	0.18	0.50	ND		ug/L	06/29/17	17:09	BP	425175
n-Butylbenzene	SW8260B	1	0.27	0.50	ND		ug/L	06/29/17	17:09	BP	425175
1,2-Dichlorobenzene	SW8260B	1	0.16	0.50	ND		ug/L	06/29/17	17:09	BP	425175
1,2-Dibromo-3-Chloropropane	SW8260B	1	0.76	2.0	ND		ug/L	06/29/17	17:09	BP	425175
Hexachlorobutadiene	SW8260B	1	0.62	2.0	ND		ug/L	06/29/17	17:09	BP	425175
1,2,4-Trichlorobenzene	SW8260B	1	0.93	2.0	ND		ug/L	06/29/17	17:09	BP	425175
Naphthalene	SW8260B	1	1.2	2.0	ND		ug/L	06/29/17	17:09	BP	425175
1,2,3-Trichlorobenzene	SW8260B	1	1.2	2.0	ND		ug/L	06/29/17	17:09	BP	425175
(S) Dibromofluoromethane	SW8260B		61.2 - 131		<b>113</b>		%	06/29/17	17:09	BP	425175
(S) Toluene-d8	SW8260B		75.1 - 127		<b>94.8</b>		%	06/29/17	17:09	BP	425175
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		<b>85.8</b>		%	06/29/17	17:09	BP	425175





## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B2-GW	<b>Lab Sample ID:</b>	1706234-014B
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Groundwater
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/27/17 / 10:50		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5030GRO	<b>Prep Batch Date/Time:</b> 6/29/17	9:50:00AM
<b>Prep Batch ID:</b> 7904	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	29	50	<b>67.6</b>	x	ug/L	06/29/17	17:09	BP	425175
(S) 4-Bromofluorobenzene	8260TPH		41.5 - 125		<b>116</b>		%	06/29/17	17:09	BP	425175

**NOTE:** x – Does not match pattern of reference Gasoline standard. Reported TPH value due to non-target hydrocarbons within range of C5-C12 quantified as gasoline.



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B3-GW	<b>Lab Sample ID:</b>	1706234-015A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Groundwater
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/27/17 / 11:10		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 3510_TPH	<b>Prep Batch Date/Time:</b> 7/1/17	11:40:00AM
<b>Prep Batch ID:</b> 7854	<b>Prep Analyst:</b> ROME	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.050	0.14	<b>1.09</b>	x	mg/L	07/04/17	19:08	mk	425129
TPH as Motor Oil	SW8015B	1	0.15	0.54	<b>0.809</b>		mg/L	07/04/17	19:08	mk	425129
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		<b>103</b>		%	07/04/17	19:08	mk	425129

**NOTE:** x- Chromatographic pattern does not resemble typical diesel reference standard; unknown organics within diesel range slightly heavier than diesel quantified as diesel.



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B3-GW	<b>Lab Sample ID:</b>	1706234-015B
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Groundwater
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/27/17 / 11:10		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5030VOC	<b>Prep Batch Date/Time:</b> 6/29/17 9:50:00AM
<b>Prep Batch ID:</b> 7903	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	4.2	1.1	2.1	ND		ug/L	06/29/17	19:38	BP	425175
Chloromethane	SW8260B	4.2	0.70	2.1	ND		ug/L	06/29/17	19:38	BP	425175
Vinyl Chloride	SW8260B	4.2	0.87	2.1	ND		ug/L	06/29/17	19:38	BP	425175
Bromomethane	SW8260B	4.2	0.89	2.1	ND		ug/L	06/29/17	19:38	BP	425175
Chloroethane	SW8260B	4.2	0.48	2.1	ND		ug/L	06/29/17	19:38	BP	425175
Trichlorofluoromethane	SW8260B	4.2	0.78	2.1	ND		ug/L	06/29/17	19:38	BP	425175
1,1-Dichloroethane	SW8260B	4.2	0.60	2.1	ND		ug/L	06/29/17	19:38	BP	425175
Freon 113	SW8260B	4.2	1.4	2.1	ND		ug/L	06/29/17	19:38	BP	425175
Methylene Chloride	SW8260B	4.2	0.55	2.1	ND		ug/L	06/29/17	19:38	BP	425175
trans-1,2-Dichloroethene	SW8260B	4.2	0.68	2.1	ND		ug/L	06/29/17	19:38	BP	425175
MTBE	SW8260B	4.2	0.32	2.1	7.2		ug/L	06/29/17	19:38	BP	425175
tert-Butanol	SW8260B	4.2	31	42	ND		ug/L	06/29/17	19:38	BP	425175
Diisopropyl ether (DIPE)	SW8260B	4.2	0.51	2.1	ND		ug/L	06/29/17	19:38	BP	425175
1,1-Dichloroethane	SW8260B	4.2	0.51	2.1	ND		ug/L	06/29/17	19:38	BP	425175
ETBE	SW8260B	4.2	0.27	2.1	ND		ug/L	06/29/17	19:38	BP	425175
cis-1,2-Dichloroethene	SW8260B	4.2	0.63	2.1	7.8		ug/L	06/29/17	19:38	BP	425175
2,2-Dichloropropane	SW8260B	4.2	0.39	2.1	ND		ug/L	06/29/17	19:38	BP	425175
Bromochloromethane	SW8260B	4.2	0.63	2.1	ND		ug/L	06/29/17	19:38	BP	425175
Chloroform	SW8260B	4.2	0.51	2.1	ND		ug/L	06/29/17	19:38	BP	425175
Carbon Tetrachloride	SW8260B	4.2	0.66	2.1	ND		ug/L	06/29/17	19:38	BP	425175
1,1,1-Trichloroethane	SW8260B	4.2	0.68	2.1	ND		ug/L	06/29/17	19:38	BP	425175
1,1-Dichloropropene	SW8260B	4.2	0.78	2.1	ND		ug/L	06/29/17	19:38	BP	425175
Benzene	SW8260B	4.2	0.66	2.1	15		ug/L	06/29/17	19:38	BP	425175
TAME	SW8260B	4.2	0.30	2.1	ND		ug/L	06/29/17	19:38	BP	425175
1,2-Dichloroethane	SW8260B	4.2	0.46	2.1	3.2		ug/L	06/29/17	19:38	BP	425175
Trichloroethylene	SW8260B	4.2	0.61	2.1	ND		ug/L	06/29/17	19:38	BP	425175
Dibromomethane	SW8260B	4.2	0.45	2.1	ND		ug/L	06/29/17	19:38	BP	425175
1,2-Dichloropropane	SW8260B	4.2	0.37	2.1	8.1		ug/L	06/29/17	19:38	BP	425175
Bromodichloromethane	SW8260B	4.2	0.32	2.1	ND		ug/L	06/29/17	19:38	BP	425175
cis-1,3-Dichloropropene	SW8260B	4.2	0.33	2.1	ND		ug/L	06/29/17	19:38	BP	425175
Toluene	SW8260B	4.2	0.60	2.1	ND		ug/L	06/29/17	19:38	BP	425175
Tetrachloroethylene	SW8260B	4.2	1.00	2.1	ND		ug/L	06/29/17	19:38	BP	425175
trans-1,3-Dichloropropene	SW8260B	4.2	0.91	2.1	ND		ug/L	06/29/17	19:38	BP	425175
1,1,2-Trichloroethane	SW8260B	4.2	0.32	2.1	ND		ug/L	06/29/17	19:38	BP	425175



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B3-GW	<b>Lab Sample ID:</b>	1706234-015B
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Groundwater
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/27/17 / 11:10		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5030VOC	<b>Prep Batch Date/Time:</b> 6/29/17 9:50:00AM
<b>Prep Batch ID:</b> 7903	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dibromochloromethane	SW8260B	4.2	0.76	2.1	ND		ug/L	06/29/17	19:38	BP	425175
1,3-Dichloropropane	SW8260B	4.2	0.91	2.1	ND		ug/L	06/29/17	19:38	BP	425175
1,2-Dibromoethane	SW8260B	4.2	0.33	2.1	ND		ug/L	06/29/17	19:38	BP	425175
Ethyl Benzene	SW8260B	4.2	0.82	2.1	ND		ug/L	06/29/17	19:38	BP	425175
1,1,1,2-Tetrachloroethane	SW8260B	4.2	0.37	2.1	ND		ug/L	06/29/17	19:38	BP	425175
m,p-Xylene	SW8260B	4.2	1.7	4.2	ND		ug/L	06/29/17	19:38	BP	425175
o-Xylene	SW8260B	4.2	0.65	2.1	ND		ug/L	06/29/17	19:38	BP	425175
Styrene	SW8260B	4.2	0.46	2.1	ND		ug/L	06/29/17	19:38	BP	425175
Bromoform	SW8260B	4.2	0.32	2.1	ND		ug/L	06/29/17	19:38	BP	425175
Isopropyl Benzene	SW8260B	4.2	0.91	2.1	ND		ug/L	06/29/17	19:38	BP	425175
n-Propylbenzene	SW8260B	4.2	1.2	2.1	ND		ug/L	06/29/17	19:38	BP	425175
Bromobenzene	SW8260B	4.2	0.63	2.1	ND		ug/L	06/29/17	19:38	BP	425175
1,1,2,2-Tetrachloroethane	SW8260B	4.2	0.33	2.1	ND		ug/L	06/29/17	19:38	BP	425175
2-Chlorotoluene	SW8260B	4.2	1.1	2.1	ND		ug/L	06/29/17	19:38	BP	425175
1,3,5-Trimethylbenzene	SW8260B	4.2	1.0	2.1	ND		ug/L	06/29/17	19:38	BP	425175
1,2,3-Trichloropropane	SW8260B	4.2	0.61	2.1	ND		ug/L	06/29/17	19:38	BP	425175
4-Chlorotoluene	SW8260B	4.2	0.90	2.1	ND		ug/L	06/29/17	19:38	BP	425175
tert-Butylbenzene	SW8260B	4.2	1.1	2.1	ND		ug/L	06/29/17	19:38	BP	425175
1,2,4-Trimethylbenzene	SW8260B	4.2	0.97	2.1	ND		ug/L	06/29/17	19:38	BP	425175
sec-Butyl Benzene	SW8260B	4.2	1.2	2.1	ND		ug/L	06/29/17	19:38	BP	425175
p-Isopropyltoluene	SW8260B	4.2	1.1	2.1	ND		ug/L	06/29/17	19:38	BP	425175
1,3-Dichlorobenzene	SW8260B	4.2	0.70	2.1	ND		ug/L	06/29/17	19:38	BP	425175
1,4-Dichlorobenzene	SW8260B	4.2	0.74	2.1	ND		ug/L	06/29/17	19:38	BP	425175
n-Butylbenzene	SW8260B	4.2	1.1	2.1	ND		ug/L	06/29/17	19:38	BP	425175
1,2-Dichlorobenzene	SW8260B	4.2	0.67	2.1	ND		ug/L	06/29/17	19:38	BP	425175
1,2-Dibromo-3-Chloropropane	SW8260B	4.2	3.2	8.4	ND		ug/L	06/29/17	19:38	BP	425175
Hexachlorobutadiene	SW8260B	4.2	2.6	8.4	ND		ug/L	06/29/17	19:38	BP	425175
1,2,4-Trichlorobenzene	SW8260B	4.2	3.9	8.4	ND		ug/L	06/29/17	19:38	BP	425175
Naphthalene	SW8260B	4.2	5.1	8.4	ND		ug/L	06/29/17	19:38	BP	425175
1,2,3-Trichlorobenzene	SW8260B	4.2	5.1	8.4	ND		ug/L	06/29/17	19:38	BP	425175
(S) Dibromofluoromethane	SW8260B		61.2 - 131		<b>118</b>		%	06/29/17	19:38	BP	425175
(S) Toluene-d8	SW8260B		75.1 - 127		<b>95.5</b>		%	06/29/17	19:38	BP	425175
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		<b>94.7</b>		%	06/29/17	19:38	BP	425175



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B3-GW	<b>Lab Sample ID:</b>	1706234-015B
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Groundwater
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/27/17 / 11:10		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5030VOC	<b>Prep Batch Date/Time:</b> 6/30/17	8:30:00AM
<b>Prep Batch ID:</b> 7841	<b>Prep Analyst:</b> BALI	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Chlorobenzene	SW8260B	84	14	42	<b>3600</b>		ug/L	06/30/17	13:46	BP	425114
(S) Dibromofluoromethane	SW8260B		61.2 - 131		<b>119</b>		%	06/30/17	13:46	BP	425114
(S) Toluene-d8	SW8260B		75.1 - 127		<b>91.6</b>		%	06/30/17	13:46	BP	425114
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		<b>91.8</b>		%	06/30/17	13:46	BP	425114



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B3-GW	<b>Lab Sample ID:</b>	1706234-015B
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Groundwater
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/27/17 / 11:10		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5030GRO	<b>Prep Batch Date/Time:</b> 6/29/17	9:50:00AM
<b>Prep Batch ID:</b> 7904	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	4.2	120	210	<b>3900</b>	x	ug/L	06/29/17	19:38	BP	425175
(S) 4-Bromofluorobenzene	8260TPH		41.5 - 125		<b>117</b>		%	06/29/17	19:38	BP	425175

**NOTE:** x - Does not match pattern of reference Gasoline standard. Reported TPH value due to discrete peak within range of C5-C12 quantified as gasoline.



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B4-GW	<b>Lab Sample ID:</b>	1706234-016A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Groundwater
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/27/17 / 11:35		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 3510_TPH	<b>Prep Batch Date/Time:</b> 7/1/17	11:40:00AM
<b>Prep Batch ID:</b> 7854	<b>Prep Analyst:</b> ROME	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	10	0.37	1.0	<b>4.64</b>	x	mg/L	07/05/17	23:08	mk	425129
TPH as Motor Oil	SW8015B	10	1.1	4.0	<b>8.88</b>		mg/L	07/05/17	23:08	mk	425129
		Acceptance Limits									
Pentacosane (S)	SW8015B		59 - 129		<b>111</b>		%	07/05/17	23:08	mk	425129

**NOTE:** x- Chromatographic pattern does not resemble typical diesel reference standard; unknown organics within diesel range slightly heavier than diesel quantified as diesel.



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B4-GW	<b>Lab Sample ID:</b>	1706234-016B
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Groundwater
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/27/17 / 11:35		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5030VOC	<b>Prep Batch Date/Time:</b> 6/29/17 9:50:00AM
<b>Prep Batch ID:</b> 7903	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	10.5	2.8	5.3	ND		ug/L	06/29/17	20:05	BP	425175
Chloromethane	SW8260B	10.5	1.8	5.3	ND		ug/L	06/29/17	20:05	BP	425175
Vinyl Chloride	SW8260B	10.5	2.2	5.3	ND		ug/L	06/29/17	20:05	BP	425175
Bromomethane	SW8260B	10.5	2.2	5.3	ND		ug/L	06/29/17	20:05	BP	425175
Chloroethane	SW8260B	10.5	1.2	5.3	ND		ug/L	06/29/17	20:05	BP	425175
Trichlorofluoromethane	SW8260B	10.5	2.0	5.3	ND		ug/L	06/29/17	20:05	BP	425175
1,1-Dichloroethene	SW8260B	10.5	1.5	5.3	ND		ug/L	06/29/17	20:05	BP	425175
Freon 113	SW8260B	10.5	3.6	5.3	ND		ug/L	06/29/17	20:05	BP	425175
Methylene Chloride	SW8260B	10.5	1.4	5.3	ND		ug/L	06/29/17	20:05	BP	425175
trans-1,2-Dichloroethene	SW8260B	10.5	1.7	5.3	ND		ug/L	06/29/17	20:05	BP	425175
MTBE	SW8260B	10.5	0.81	5.3	ND		ug/L	06/29/17	20:05	BP	425175
tert-Butanol	SW8260B	10.5	77	110	ND		ug/L	06/29/17	20:05	BP	425175
Diisopropyl ether (DIPE)	SW8260B	10.5	1.3	5.3	ND		ug/L	06/29/17	20:05	BP	425175
1,1-Dichloroethane	SW8260B	10.5	1.3	5.3	ND		ug/L	06/29/17	20:05	BP	425175
ETBE	SW8260B	10.5	0.67	5.3	ND		ug/L	06/29/17	20:05	BP	425175
cis-1,2-Dichloroethene	SW8260B	10.5	1.6	5.3	ND		ug/L	06/29/17	20:05	BP	425175
2,2-Dichloropropane	SW8260B	10.5	0.99	5.3	ND		ug/L	06/29/17	20:05	BP	425175
Bromochloromethane	SW8260B	10.5	1.6	5.3	ND		ug/L	06/29/17	20:05	BP	425175
Chloroform	SW8260B	10.5	1.3	5.3	ND		ug/L	06/29/17	20:05	BP	425175
Carbon Tetrachloride	SW8260B	10.5	1.7	5.3	10.		ug/L	06/29/17	20:05	BP	425175
1,1,1-Trichloroethane	SW8260B	10.5	1.7	5.3	ND		ug/L	06/29/17	20:05	BP	425175
1,1-Dichloropropene	SW8260B	10.5	2.0	5.3	ND		ug/L	06/29/17	20:05	BP	425175
Benzene	SW8260B	10.5	1.6	5.3	12		ug/L	06/29/17	20:05	BP	425175
TAME	SW8260B	10.5	0.76	5.3	ND		ug/L	06/29/17	20:05	BP	425175
1,2-Dichloroethane	SW8260B	10.5	1.1	5.3	ND		ug/L	06/29/17	20:05	BP	425175
Trichloroethylene	SW8260B	10.5	1.5	5.3	ND		ug/L	06/29/17	20:05	BP	425175
Dibromomethane	SW8260B	10.5	1.1	5.3	ND		ug/L	06/29/17	20:05	BP	425175
1,2-Dichloropropane	SW8260B	10.5	0.93	5.3	ND		ug/L	06/29/17	20:05	BP	425175
Bromodichloromethane	SW8260B	10.5	0.80	5.3	ND		ug/L	06/29/17	20:05	BP	425175
cis-1,3-Dichloropropene	SW8260B	10.5	0.82	5.3	ND		ug/L	06/29/17	20:05	BP	425175
Toluene	SW8260B	10.5	1.5	5.3	ND		ug/L	06/29/17	20:05	BP	425175
Tetrachloroethylene	SW8260B	10.5	2.5	5.3	ND		ug/L	06/29/17	20:05	BP	425175
trans-1,3-Dichloropropene	SW8260B	10.5	2.3	5.3	ND		ug/L	06/29/17	20:05	BP	425175
1,1,2-Trichloroethane	SW8260B	10.5	0.80	5.3	ND		ug/L	06/29/17	20:05	BP	425175





## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B4-GW	<b>Lab Sample ID:</b>	1706234-016B
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Groundwater
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/27/17 / 11:35		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5030VOC	<b>Prep Batch Date/Time:</b> 6/29/17	9:50:00AM
<b>Prep Batch ID:</b> 7903	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dibromochloromethane	SW8260B	10.5	1.9	5.3	ND		ug/L	06/29/17	20:05	BP	425175
1,3-Dichloropropane	SW8260B	10.5	2.3	5.3	ND		ug/L	06/29/17	20:05	BP	425175
1,2-Dibromoethane	SW8260B	10.5	0.83	5.3	ND		ug/L	06/29/17	20:05	BP	425175
Ethyl Benzene	SW8260B	10.5	2.0	5.3	ND		ug/L	06/29/17	20:05	BP	425175
1,1,1,2-Tetrachloroethane	SW8260B	10.5	0.91	5.3	ND		ug/L	06/29/17	20:05	BP	425175
m,p-Xylene	SW8260B	10.5	4.1	11	ND		ug/L	06/29/17	20:05	BP	425175
o-Xylene	SW8260B	10.5	1.6	5.3	ND		ug/L	06/29/17	20:05	BP	425175
Styrene	SW8260B	10.5	1.1	5.3	ND		ug/L	06/29/17	20:05	BP	425175
Bromoform	SW8260B	10.5	0.80	5.3	ND		ug/L	06/29/17	20:05	BP	425175
Isopropyl Benzene	SW8260B	10.5	2.3	5.3	ND		ug/L	06/29/17	20:05	BP	425175
n-Propylbenzene	SW8260B	10.5	3.1	5.3	ND		ug/L	06/29/17	20:05	BP	425175
Bromobenzene	SW8260B	10.5	1.6	5.3	ND		ug/L	06/29/17	20:05	BP	425175
1,1,2,2-Tetrachloroethane	SW8260B	10.5	0.83	5.3	ND		ug/L	06/29/17	20:05	BP	425175
2-Chlorotoluene	SW8260B	10.5	2.6	5.3	ND		ug/L	06/29/17	20:05	BP	425175
1,3,5-Trimethylbenzene	SW8260B	10.5	2.5	5.3	ND		ug/L	06/29/17	20:05	BP	425175
1,2,3-Trichloropropane	SW8260B	10.5	1.5	5.3	ND		ug/L	06/29/17	20:05	BP	425175
4-Chlorotoluene	SW8260B	10.5	2.3	5.3	ND		ug/L	06/29/17	20:05	BP	425175
tert-Butylbenzene	SW8260B	10.5	2.8	5.3	ND		ug/L	06/29/17	20:05	BP	425175
1,2,4-Trimethylbenzene	SW8260B	10.5	2.4	5.3	ND		ug/L	06/29/17	20:05	BP	425175
sec-Butyl Benzene	SW8260B	10.5	3.1	5.3	ND		ug/L	06/29/17	20:05	BP	425175
p-Isopropyltoluene	SW8260B	10.5	2.8	5.3	ND		ug/L	06/29/17	20:05	BP	425175
1,3-Dichlorobenzene	SW8260B	10.5	1.8	5.3	ND		ug/L	06/29/17	20:05	BP	425175
1,4-Dichlorobenzene	SW8260B	10.5	1.8	5.3	ND		ug/L	06/29/17	20:05	BP	425175
n-Butylbenzene	SW8260B	10.5	2.8	5.3	ND		ug/L	06/29/17	20:05	BP	425175
1,2-Dichlorobenzene	SW8260B	10.5	1.7	5.3	ND		ug/L	06/29/17	20:05	BP	425175
1,2-Dibromo-3-Chloropropane	SW8260B	10.5	8.0	21	ND		ug/L	06/29/17	20:05	BP	425175
Hexachlorobutadiene	SW8260B	10.5	6.5	21	ND		ug/L	06/29/17	20:05	BP	425175
1,2,4-Trichlorobenzene	SW8260B	10.5	9.8	21	ND		ug/L	06/29/17	20:05	BP	425175
Naphthalene	SW8260B	10.5	13	21	ND		ug/L	06/29/17	20:05	BP	425175
1,2,3-Trichlorobenzene	SW8260B	10.5	13	21	ND		ug/L	06/29/17	20:05	BP	425175
(S) Dibromofluoromethane	SW8260B		61.2 - 131		<b>114</b>		%	06/29/17	20:05	BP	425175
(S) Toluene-d8	SW8260B		75.1 - 127		<b>93.2</b>		%	06/29/17	20:05	BP	425175
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		<b>95.2</b>		%	06/29/17	20:05	BP	425175



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B4-GW	<b>Lab Sample ID:</b>	1706234-016B
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Groundwater
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/27/17 / 11:35		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5030VOC	<b>Prep Batch Date/Time:</b> 6/30/17	8:30:00AM
<b>Prep Batch ID:</b> 7841	<b>Prep Analyst:</b> BALI	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Chlorobenzene	SW8260B	84	14	42	<b>4900</b>		ug/L	06/30/17	14:15	BP	425114
(S) Dibromofluoromethane	SW8260B		61.2 - 131		<b>121</b>		%	06/30/17	14:15	BP	425114
(S) Toluene-d8	SW8260B		75.1 - 127		<b>92.4</b>		%	06/30/17	14:15	BP	425114
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		<b>91.8</b>		%	06/30/17	14:15	BP	425114



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B4-GW	<b>Lab Sample ID:</b>	1706234-016B
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Groundwater
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/27/17 / 11:35		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5030GRO	<b>Prep Batch Date/Time:</b> 6/29/17	9:50:00AM
<b>Prep Batch ID:</b> 7904	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	10.5	310	530	<b>5590</b>	x	ug/L	06/29/17	20:05	BP	425175
(S) 4-Bromofluorobenzene	8260TPH		41.5 - 125		<b>123</b>		%	06/29/17	20:05	BP	425175

**NOTE:** x - Does not match pattern of reference Gasoline standard. Reported TPH value due to discrete peak within range of C5-C12 quantified as gasoline.



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B6-GW	<b>Lab Sample ID:</b>	1706234-017A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Groundwater
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/27/17 / 11:20		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5030VOC	<b>Prep Batch Date/Time:</b> 6/29/17 9:50:00AM
<b>Prep Batch ID:</b> 7903	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	0.26	0.50	ND		ug/L	06/29/17	18:13	BP	425175
Chloromethane	SW8260B	1	0.17	0.50	ND		ug/L	06/29/17	18:13	BP	425175
Vinyl Chloride	SW8260B	1	0.21	0.50	ND		ug/L	06/29/17	18:13	BP	425175
Bromomethane	SW8260B	1	0.21	0.50	ND		ug/L	06/29/17	18:13	BP	425175
Chloroethane	SW8260B	1	0.11	0.50	ND		ug/L	06/29/17	18:13	BP	425175
Trichlorofluoromethane	SW8260B	1	0.19	0.50	ND		ug/L	06/29/17	18:13	BP	425175
1,1-Dichloroethene	SW8260B	1	0.14	0.50	ND		ug/L	06/29/17	18:13	BP	425175
Freon 113	SW8260B	1	0.34	0.50	ND		ug/L	06/29/17	18:13	BP	425175
Methylene Chloride	SW8260B	1	0.13	0.50	ND		ug/L	06/29/17	18:13	BP	425175
trans-1,2-Dichloroethene	SW8260B	1	0.16	0.50	ND		ug/L	06/29/17	18:13	BP	425175
MTBE	SW8260B	1	0.077	0.50	ND		ug/L	06/29/17	18:13	BP	425175
tert-Butanol	SW8260B	1	7.4	10	ND		ug/L	06/29/17	18:13	BP	425175
Diisopropyl ether (DIPE)	SW8260B	1	0.12	0.50	ND		ug/L	06/29/17	18:13	BP	425175
1,1-Dichloroethane	SW8260B	1	0.12	0.50	ND		ug/L	06/29/17	18:13	BP	425175
ETBE	SW8260B	1	0.064	0.50	ND		ug/L	06/29/17	18:13	BP	425175
cis-1,2-Dichloroethene	SW8260B	1	0.15	0.50	ND		ug/L	06/29/17	18:13	BP	425175
2,2-Dichloropropane	SW8260B	1	0.094	0.50	ND		ug/L	06/29/17	18:13	BP	425175
Bromochloromethane	SW8260B	1	0.15	0.50	ND		ug/L	06/29/17	18:13	BP	425175
Chloroform	SW8260B	1	0.12	0.50	ND		ug/L	06/29/17	18:13	BP	425175
Carbon Tetrachloride	SW8260B	1	0.16	0.50	ND		ug/L	06/29/17	18:13	BP	425175
1,1,1-Trichloroethane	SW8260B	1	0.16	0.50	ND		ug/L	06/29/17	18:13	BP	425175
1,1-Dichloropropene	SW8260B	1	0.19	0.50	ND		ug/L	06/29/17	18:13	BP	425175
Benzene	SW8260B	1	0.16	0.50	ND		ug/L	06/29/17	18:13	BP	425175
TAME	SW8260B	1	0.072	0.50	ND		ug/L	06/29/17	18:13	BP	425175
1,2-Dichloroethane	SW8260B	1	0.11	0.50	<b>0.96</b>		ug/L	06/29/17	18:13	BP	425175
Trichloroethylene	SW8260B	1	0.15	0.50	ND		ug/L	06/29/17	18:13	BP	425175
Dibromomethane	SW8260B	1	0.11	0.50	ND		ug/L	06/29/17	18:13	BP	425175
1,2-Dichloropropane	SW8260B	1	0.089	0.50	ND		ug/L	06/29/17	18:13	BP	425175
Bromodichloromethane	SW8260B	1	0.076	0.50	ND		ug/L	06/29/17	18:13	BP	425175
cis-1,3-Dichloropropene	SW8260B	1	0.078	0.50	ND		ug/L	06/29/17	18:13	BP	425175
Toluene	SW8260B	1	0.14	0.50	ND		ug/L	06/29/17	18:13	BP	425175
Tetrachloroethylene	SW8260B	1	0.24	0.50	ND		ug/L	06/29/17	18:13	BP	425175
trans-1,3-Dichloropropene	SW8260B	1	0.22	0.50	ND		ug/L	06/29/17	18:13	BP	425175
1,1,2-Trichloroethane	SW8260B	1	0.076	0.50	ND		ug/L	06/29/17	18:13	BP	425175



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B6-GW	<b>Lab Sample ID:</b>	1706234-017A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Groundwater
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/27/17 / 11:20		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5030VOC	<b>Prep Batch Date/Time:</b> 6/29/17	9:50:00AM
<b>Prep Batch ID:</b> 7903	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dibromochloromethane	SW8260B	1	0.18	0.50	ND		ug/L	06/29/17	18:13	BP	425175
1,3-Dichloropropane	SW8260B	1	0.22	0.50	ND		ug/L	06/29/17	18:13	BP	425175
1,2-Dibromoethane	SW8260B	1	0.079	0.50	ND		ug/L	06/29/17	18:13	BP	425175
Chlorobenzene	SW8260B	1	0.16	0.50	<b>60</b>		ug/L	06/29/17	18:13	BP	425175
Ethyl Benzene	SW8260B	1	0.20	0.50	ND		ug/L	06/29/17	18:13	BP	425175
1,1,1,2-Tetrachloroethane	SW8260B	1	0.087	0.50	ND		ug/L	06/29/17	18:13	BP	425175
m,p-Xylene	SW8260B	1	0.39	1.0	ND		ug/L	06/29/17	18:13	BP	425175
o-Xylene	SW8260B	1	0.15	0.50	ND		ug/L	06/29/17	18:13	BP	425175
Styrene	SW8260B	1	0.11	0.50	ND		ug/L	06/29/17	18:13	BP	425175
Bromoform	SW8260B	1	0.076	0.50	ND		ug/L	06/29/17	18:13	BP	425175
Isopropyl Benzene	SW8260B	1	0.22	0.50	ND		ug/L	06/29/17	18:13	BP	425175
n-Propylbenzene	SW8260B	1	0.30	0.50	ND		ug/L	06/29/17	18:13	BP	425175
Bromobenzene	SW8260B	1	0.15	0.50	ND		ug/L	06/29/17	18:13	BP	425175
1,1,2,2-Tetrachloroethane	SW8260B	1	0.079	0.50	ND		ug/L	06/29/17	18:13	BP	425175
2-Chlorotoluene	SW8260B	1	0.25	0.50	ND		ug/L	06/29/17	18:13	BP	425175
1,3,5-Trimethylbenzene	SW8260B	1	0.24	0.50	ND		ug/L	06/29/17	18:13	BP	425175
1,2,3-Trichloropropane	SW8260B	1	0.15	0.50	ND		ug/L	06/29/17	18:13	BP	425175
4-Chlorotoluene	SW8260B	1	0.22	0.50	ND		ug/L	06/29/17	18:13	BP	425175
tert-Butylbenzene	SW8260B	1	0.26	0.50	ND		ug/L	06/29/17	18:13	BP	425175
1,2,4-Trimethylbenzene	SW8260B	1	0.23	0.50	ND		ug/L	06/29/17	18:13	BP	425175
sec-Butyl Benzene	SW8260B	1	0.30	0.50	ND		ug/L	06/29/17	18:13	BP	425175
p-Isopropyltoluene	SW8260B	1	0.27	0.50	ND		ug/L	06/29/17	18:13	BP	425175
1,3-Dichlorobenzene	SW8260B	1	0.17	0.50	ND		ug/L	06/29/17	18:13	BP	425175
1,4-Dichlorobenzene	SW8260B	1	0.18	0.50	ND		ug/L	06/29/17	18:13	BP	425175
n-Butylbenzene	SW8260B	1	0.27	0.50	ND		ug/L	06/29/17	18:13	BP	425175
1,2-Dichlorobenzene	SW8260B	1	0.16	0.50	ND		ug/L	06/29/17	18:13	BP	425175
1,2-Dibromo-3-Chloropropane	SW8260B	1	0.76	2.0	ND		ug/L	06/29/17	18:13	BP	425175
Hexachlorobutadiene	SW8260B	1	0.62	2.0	ND		ug/L	06/29/17	18:13	BP	425175
1,2,4-Trichlorobenzene	SW8260B	1	0.93	2.0	ND		ug/L	06/29/17	18:13	BP	425175
Naphthalene	SW8260B	1	1.2	2.0	ND		ug/L	06/29/17	18:13	BP	425175
1,2,3-Trichlorobenzene	SW8260B	1	1.2	2.0	ND		ug/L	06/29/17	18:13	BP	425175
(S) Dibromofluoromethane	SW8260B		61.2 - 131		<b>115</b>		%	06/29/17	18:13	BP	425175
(S) Toluene-d8	SW8260B		75.1 - 127		<b>92.2</b>		%	06/29/17	18:13	BP	425175
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		<b>89.2</b>		%	06/29/17	18:13	BP	425175



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	B6-GW	<b>Lab Sample ID:</b>	1706234-017A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Groundwater
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/27/17 / 11:20		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5030GRO	<b>Prep Batch Date/Time:</b> 6/29/17	9:50:00AM
<b>Prep Batch ID:</b> 7904	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	29	50	<b>122</b>	x	ug/L	06/29/17	18:13	BP	425175
(S) 4-Bromofluorobenzene	8260TPH		41.5 - 125		<b>109</b>		%	06/29/17	18:13	BP	425175

**NOTE:** x - Does not match pattern of reference Gasoline standard. Reported TPH value due to discrete peak within range of C5-C12 quantified as gasoline.



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	2901 Basement	<b>Lab Sample ID:</b>	1706234-018A
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Water
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/27/17 / 14:15		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 3510_TPH	<b>Prep Batch Date/Time:</b> 7/1/17	11:40:00AM
<b>Prep Batch ID:</b> 7854	<b>Prep Analyst:</b> ROME	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.037	0.10	<b>0.122</b>	x	mg/L	07/04/17	19:52	mk	425129
TPH as Motor Oil	SW8015B	1	0.11	0.40	ND		mg/L	07/04/17	19:52	mk	425129
Acceptance Limits											
Pentacosane (S)	SW8015B		59 - 129		<b>107</b>		%	07/04/17	19:52	mk	425129

**NOTE:** x-not typical of Diesel ref. std: peaks within Diesel range quantified as diesel



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	2901 Basement	<b>Lab Sample ID:</b>	1706234-018B
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Water
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/27/17 / 14:15		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5030VOC	<b>Prep Batch Date/Time:</b> 6/29/17 9:50:00AM
<b>Prep Batch ID:</b> 7903	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	0.26	0.50	ND		ug/L	06/29/17	18:41	BP	425175
Chloromethane	SW8260B	1	0.17	0.50	ND		ug/L	06/29/17	18:41	BP	425175
Vinyl Chloride	SW8260B	1	0.21	0.50	ND		ug/L	06/29/17	18:41	BP	425175
Bromomethane	SW8260B	1	0.21	0.50	ND		ug/L	06/29/17	18:41	BP	425175
Chloroethane	SW8260B	1	0.11	0.50	ND		ug/L	06/29/17	18:41	BP	425175
Trichlorofluoromethane	SW8260B	1	0.19	0.50	ND		ug/L	06/29/17	18:41	BP	425175
1,1-Dichloroethene	SW8260B	1	0.14	0.50	ND		ug/L	06/29/17	18:41	BP	425175
Freon 113	SW8260B	1	0.34	0.50	ND		ug/L	06/29/17	18:41	BP	425175
Methylene Chloride	SW8260B	1	0.13	0.50	ND		ug/L	06/29/17	18:41	BP	425175
trans-1,2-Dichloroethene	SW8260B	1	0.16	0.50	ND		ug/L	06/29/17	18:41	BP	425175
MTBE	SW8260B	1	0.077	0.50	ND		ug/L	06/29/17	18:41	BP	425175
tert-Butanol	SW8260B	1	7.4	10	ND		ug/L	06/29/17	18:41	BP	425175
Diisopropyl ether (DIPE)	SW8260B	1	0.12	0.50	ND		ug/L	06/29/17	18:41	BP	425175
1,1-Dichloroethane	SW8260B	1	0.12	0.50	ND		ug/L	06/29/17	18:41	BP	425175
ETBE	SW8260B	1	0.064	0.50	ND		ug/L	06/29/17	18:41	BP	425175
cis-1,2-Dichloroethene	SW8260B	1	0.15	0.50	ND		ug/L	06/29/17	18:41	BP	425175
2,2-Dichloropropane	SW8260B	1	0.094	0.50	ND		ug/L	06/29/17	18:41	BP	425175
Bromochloromethane	SW8260B	1	0.15	0.50	ND		ug/L	06/29/17	18:41	BP	425175
Chloroform	SW8260B	1	0.12	0.50	ND		ug/L	06/29/17	18:41	BP	425175
Carbon Tetrachloride	SW8260B	1	0.16	0.50	ND		ug/L	06/29/17	18:41	BP	425175
1,1,1-Trichloroethane	SW8260B	1	0.16	0.50	ND		ug/L	06/29/17	18:41	BP	425175
1,1-Dichloropropene	SW8260B	1	0.19	0.50	ND		ug/L	06/29/17	18:41	BP	425175
Benzene	SW8260B	1	0.16	0.50	ND		ug/L	06/29/17	18:41	BP	425175
TAME	SW8260B	1	0.072	0.50	ND		ug/L	06/29/17	18:41	BP	425175
1,2-Dichloroethane	SW8260B	1	0.11	0.50	ND		ug/L	06/29/17	18:41	BP	425175
Trichloroethylene	SW8260B	1	0.15	0.50	ND		ug/L	06/29/17	18:41	BP	425175
Dibromomethane	SW8260B	1	0.11	0.50	ND		ug/L	06/29/17	18:41	BP	425175
1,2-Dichloropropane	SW8260B	1	0.089	0.50	ND		ug/L	06/29/17	18:41	BP	425175
Bromodichloromethane	SW8260B	1	0.076	0.50	ND		ug/L	06/29/17	18:41	BP	425175
cis-1,3-Dichloropropene	SW8260B	1	0.078	0.50	ND		ug/L	06/29/17	18:41	BP	425175
Toluene	SW8260B	1	0.14	0.50	ND		ug/L	06/29/17	18:41	BP	425175
Tetrachloroethylene	SW8260B	1	0.24	0.50	ND		ug/L	06/29/17	18:41	BP	425175
trans-1,3-Dichloropropene	SW8260B	1	0.22	0.50	ND		ug/L	06/29/17	18:41	BP	425175
1,1,2-Trichloroethane	SW8260B	1	0.076	0.50	ND		ug/L	06/29/17	18:41	BP	425175





## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	2901 Basement	<b>Lab Sample ID:</b>	1706234-018B
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Water
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/27/17 / 14:15		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5030VOC	<b>Prep Batch Date/Time:</b> 6/29/17	9:50:00AM
<b>Prep Batch ID:</b> 7903	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dibromochloromethane	SW8260B	1	0.18	0.50	ND		ug/L	06/29/17	18:41	BP	425175
1,3-Dichloropropane	SW8260B	1	0.22	0.50	ND		ug/L	06/29/17	18:41	BP	425175
1,2-Dibromoethane	SW8260B	1	0.079	0.50	ND		ug/L	06/29/17	18:41	BP	425175
Chlorobenzene	SW8260B	1	0.16	0.50	ND		ug/L	06/29/17	18:41	BP	425175
Ethyl Benzene	SW8260B	1	0.20	0.50	ND		ug/L	06/29/17	18:41	BP	425175
1,1,1,2-Tetrachloroethane	SW8260B	1	0.087	0.50	ND		ug/L	06/29/17	18:41	BP	425175
m,p-Xylene	SW8260B	1	0.39	1.0	ND		ug/L	06/29/17	18:41	BP	425175
o-Xylene	SW8260B	1	0.15	0.50	ND		ug/L	06/29/17	18:41	BP	425175
Styrene	SW8260B	1	0.11	0.50	ND		ug/L	06/29/17	18:41	BP	425175
Bromoform	SW8260B	1	0.076	0.50	ND		ug/L	06/29/17	18:41	BP	425175
Isopropyl Benzene	SW8260B	1	0.22	0.50	ND		ug/L	06/29/17	18:41	BP	425175
n-Propylbenzene	SW8260B	1	0.30	0.50	ND		ug/L	06/29/17	18:41	BP	425175
Bromobenzene	SW8260B	1	0.15	0.50	ND		ug/L	06/29/17	18:41	BP	425175
1,1,2,2-Tetrachloroethane	SW8260B	1	0.079	0.50	ND		ug/L	06/29/17	18:41	BP	425175
2-Chlorotoluene	SW8260B	1	0.25	0.50	ND		ug/L	06/29/17	18:41	BP	425175
1,3,5-Trimethylbenzene	SW8260B	1	0.24	0.50	ND		ug/L	06/29/17	18:41	BP	425175
1,2,3-Trichloropropane	SW8260B	1	0.15	0.50	ND		ug/L	06/29/17	18:41	BP	425175
4-Chlorotoluene	SW8260B	1	0.22	0.50	ND		ug/L	06/29/17	18:41	BP	425175
tert-Butylbenzene	SW8260B	1	0.26	0.50	ND		ug/L	06/29/17	18:41	BP	425175
1,2,4-Trimethylbenzene	SW8260B	1	0.23	0.50	ND		ug/L	06/29/17	18:41	BP	425175
sec-Butyl Benzene	SW8260B	1	0.30	0.50	ND		ug/L	06/29/17	18:41	BP	425175
p-Isopropyltoluene	SW8260B	1	0.27	0.50	ND		ug/L	06/29/17	18:41	BP	425175
1,3-Dichlorobenzene	SW8260B	1	0.17	0.50	ND		ug/L	06/29/17	18:41	BP	425175
1,4-Dichlorobenzene	SW8260B	1	0.18	0.50	ND		ug/L	06/29/17	18:41	BP	425175
n-Butylbenzene	SW8260B	1	0.27	0.50	ND		ug/L	06/29/17	18:41	BP	425175
1,2-Dichlorobenzene	SW8260B	1	0.16	0.50	ND		ug/L	06/29/17	18:41	BP	425175
1,2-Dibromo-3-Chloropropane	SW8260B	1	0.76	2.0	ND		ug/L	06/29/17	18:41	BP	425175
Hexachlorobutadiene	SW8260B	1	0.62	2.0	ND		ug/L	06/29/17	18:41	BP	425175
1,2,4-Trichlorobenzene	SW8260B	1	0.93	2.0	ND		ug/L	06/29/17	18:41	BP	425175
Naphthalene	SW8260B	1	1.2	2.0	ND		ug/L	06/29/17	18:41	BP	425175
1,2,3-Trichlorobenzene	SW8260B	1	1.2	2.0	ND		ug/L	06/29/17	18:41	BP	425175
(S) Dibromofluoromethane	SW8260B		61.2 - 131		<b>110</b>		%	06/29/17	18:41	BP	425175
(S) Toluene-d8	SW8260B		75.1 - 127		<b>95.6</b>		%	06/29/17	18:41	BP	425175
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		<b>85.3</b>		%	06/29/17	18:41	BP	425175



## SAMPLE RESULTS

**Report prepared for:** Brent Wheeler  
Wheeler Group Environmental, LLC

**Date/Time Received:** 06/28/17, 5:30 pm  
**Date Reported:** 07/10/17

<b>Client Sample ID:</b>	2901 Basement	<b>Lab Sample ID:</b>	1706234-018B
<b>Project Name/Location:</b>	340 29th Street, Oakland, CA	<b>Sample Matrix:</b>	Water
<b>Project Number:</b>	Site Investigation Sampling		
<b>Date/Time Sampled:</b>	06/27/17 / 14:15		
<b>SDG:</b>			
<b>Tag Number:</b>	340 29th St		

<b>Prep Method:</b> 5030GRO	<b>Prep Batch Date/Time:</b> 6/29/17	9:50:00AM
<b>Prep Batch ID:</b> 7904	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	29	50	ND		ug/L	06/29/17	18:41	BP	425175
(S) 4-Bromofluorobenzene	8260TPH		41.5 - 125		<b>105</b>		%	06/29/17	18:41	BP	425175



## MB Summary Report

<b>Work Order:</b>	1706234	<b>Prep Method:</b>	5030VOC	<b>Prep Date:</b>	06/30/17	<b>Prep Batch:</b>	7841
<b>Matrix:</b>	Water	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	6/30/2017	<b>Analytical Batch:</b>	425114
<b>Units:</b>	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Dichlorodifluoromethane	0.26	0.50	ND		
Chloromethane	0.17	0.50	ND		
Vinyl Chloride	0.21	0.50	ND		
Bromomethane	0.21	0.50	0.28		
Chloroethane	0.11	0.50	ND		
Trichlorofluoromethane	0.19	0.50	ND		
1,1-Dichloroethene	0.14	0.50	ND		
Freon 113	0.34	0.50	ND		
Methylene Chloride	0.13	0.50	ND		
trans-1,2-Dichloroethene	0.16	0.50	ND		
MTBE	0.077	0.50	ND		
tert-Butanol	7.4	10	ND		
Diisopropyl ether (DIPE)	0.12	0.50	ND		
1,1-Dichloroethane	0.12	0.50	ND		
ETBE	0.064	0.50	ND		
cis-1,2-Dichloroethene	0.15	0.50	ND		
2,2-Dichloropropane	0.094	0.50	ND		
Bromochloromethane	0.15	0.50	ND		
Chloroform	0.12	0.50	ND		
Carbon Tetrachloride	0.16	0.50	ND		
1,1,1-Trichloroethane	0.16	0.50	ND		
1,1-Dichloropropene	0.19	0.50	0.27		
Benzene	0.16	0.50	ND		
TAME	0.072	0.50	ND		
1,2-Dichloroethane	0.11	0.50	ND		
Trichloroethylene	0.15	0.50	ND		
Dibromomethane	0.11	0.50	ND		
1,2-Dichloropropane	0.089	0.50	ND		
Bromodichloromethane	0.076	0.50	ND		
cis-1,3-Dichloropropene	0.078	0.50	ND		
Toluene	0.14	0.50	ND		
Tetrachloroethylene	0.24	0.50	ND		
trans-1,3-Dichloropropene	0.22	0.50	ND		
1,1,2-Trichloroethane	0.076	0.50	ND		
Dibromochloromethane	0.18	0.50	ND		
1,3-Dichloropropane	0.22	0.50	ND		
1,2-Dibromoethane	0.079	0.50	ND		
Chlorobenzene	0.16	0.50	0.16		
Ethyl Benzene	0.20	0.50	ND		
1,1,1,2-Tetrachloroethane	0.087	0.50	ND		
m,p-Xylene	0.39	1.0	ND		



## MB Summary Report

<b>Work Order:</b>	1706234	<b>Prep Method:</b>	5030VOC	<b>Prep Date:</b>	06/30/17	<b>Prep Batch:</b>	7841
<b>Matrix:</b>	Water	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	6/30/2017	<b>Analytical Batch:</b>	425114
<b>Units:</b>	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
o-Xylene	0.15	0.50	ND		
Styrene	0.11	0.50	ND		
Bromoform	0.076	0.50	ND		
Isopropyl Benzene	0.22	0.50	ND		
n-Propylbenzene	0.30	0.50	ND		
Bromobenzene	0.15	0.50	ND		
1,1,2,2-Tetrachloroethane	0.079	0.50	ND		
2-Chlorotoluene	0.25	0.50	ND		
1,3,5-Trimethylbenzene	0.24	0.50	ND		
1,2,3-Trichloropropane	0.15	0.50	ND		
4-Chlorotoluene	0.22	0.50	ND		
tert-Butylbenzene	0.26	0.50	ND		
1,2,4-Trimethylbenzene	0.23	0.50	ND		
sec-Butyl Benzene	0.30	0.50	ND		
p-Isopropyltoluene	0.27	0.50	ND		
1,3-Dichlorobenzene	0.17	0.50	ND		
1,4-Dichlorobenzene	0.18	0.50	ND		
n-Butylbenzene	0.27	0.50	0.27		
1,2-Dichlorobenzene	0.16	0.50	ND		
1,2-Dibromo-3-Chloropropane	0.76	2.0	ND		
Hexachlorobutadiene	0.62	2.0	ND		
1,2,4-Trichlorobenzene	0.93	2.0	ND		
Naphthalene	1.2	2.0	ND		
1,2,3-Trichlorobenzene	1.2	2.0	ND		
(S) Dibromofluoromethane			115		
(S) Toluene-d8			94.4		
(S) 4-Bromofluorobenzene			92.2		

<b>Work Order:</b>	1706234	<b>Prep Method:</b>	3510_TPH	<b>Prep Date:</b>	07/01/17	<b>Prep Batch:</b>	7854
<b>Matrix:</b>	Water	<b>Analytical Method:</b>	SW8015B	<b>Analyzed Date:</b>	7/4/2017	<b>Analytical Batch:</b>	425129
<b>Units:</b>	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
TPH as Diesel	0.037	0.10	0.0419		
TPH as Motor Oil	0.11	0.40	ND		
Pentacosane (S)			125		



## MB Summary Report

<b>Work Order:</b>	1706234	<b>Prep Method:</b>	3546-PAH	<b>Prep Date:</b>	07/05/17	<b>Prep Batch:</b>	7880
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8270C	<b>Analyzed Date:</b>	7/5/2017	<b>Analytical Batch:</b>	425153
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Naphthalene	11	200	ND	
2-Methylnaphthalene	10	200	ND	
1-Methylnaphthalene	12	200	ND	
Acenaphthylene	8.3	200	ND	
Acenaphthene	11	200	ND	
Fluorene	10	200	ND	
Phenanthrene	9.3	200	ND	
Anthracene	8.9	200	ND	
Fluoranthene	10	200	ND	
Pyrene	12	200	ND	
Benz[a]anthracene	9.8	200	ND	
Chrysene	15	200	ND	
Benzo[b]fluoranthene	12	200	ND	
Benzo[k]fluoranthene	8.1	200	ND	
Benzo[a]pyrene	9.8	200	ND	
Indeno[1,2,3-cd]pyrene	14	200	ND	
Dibenz[a,h]anthracene	13	200	ND	
Benzo[g,h,i]perylene	17	200	ND	
Nitrobenzene-d5 (S)			71.1	
2-Fluorobiphenyl (S)			85.5	
p-Terphenyl-d14 (S)			82.1	



### MB Summary Report

<b>Work Order:</b>	1706234	<b>Prep Method:</b>	3546-PAH	<b>Prep Date:</b>	07/05/17	<b>Prep Batch:</b>	7881
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8270C	<b>Analyzed Date:</b>	7/6/2017	<b>Analytical Batch:</b>	425154
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Naphthalene	11	200	ND	
2-Methylnaphthalene	10	200	ND	
1-Methylnaphthalene	12	200	ND	
Acenaphthylene	8.3	200	ND	
Acenaphthene	11	200	ND	
Fluorene	10	200	ND	
Phenanthrene	9.3	200	ND	
Anthracene	8.9	200	ND	
Fluoranthene	10	200	ND	
Pyrene	12	200	ND	
Benz[a]anthracene	9.8	200	ND	
Chrysene	15	200	ND	
Benzo[b]fluoranthene	12	200	ND	
Benzo[k]fluoranthene	8.1	200	ND	
Benzo[a]pyrene	9.8	200	ND	
Indeno[1,2,3-cd]pyrene	14	200	ND	
Dibenz[a,h]anthracene	13	200	ND	
Benzo[g,h,i]perylene	17	200	ND	
Nitrobenzene-d5 (S)			89.5	
2-Fluorobiphenyl (S)			98.4	
p-Terphenyl-d14 (S)			102	

<b>Work Order:</b>	1706234	<b>Prep Method:</b>	3546_TPH	<b>Prep Date:</b>	07/06/17	<b>Prep Batch:</b>	7897
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8015B	<b>Analyzed Date:</b>	7/6/2017	<b>Analytical Batch:</b>	425184
<b>Units:</b>	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH as Diesel	0.85	2.0	ND	
TPH as Motor Oil	3.2	10	ND	
Pentacosane (S)			74.0	



### MB Summary Report

<b>Work Order:</b>	1706234	<b>Prep Method:</b>	5030VOC	<b>Prep Date:</b>	06/29/17	<b>Prep Batch:</b>	7903
<b>Matrix:</b>	Water	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	6/29/2017	<b>Analytical Batch:</b>	425175
<b>Units:</b>	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
MTBE	0.077	0.50	ND	
tert-Butanol	7.4	10	ND	
Diisopropyl ether (DIPE)	0.12	0.50	ND	
ETBE	0.064	0.50	ND	
Benzene	0.16	0.50	ND	
TAME	0.072	0.50	ND	
Trichloroethylene	0.15	0.50	ND	
Toluene	0.14	0.50	ND	
Tetrachloroethylene	0.24	0.50	ND	
Ethyl Benzene	0.20	0.50	ND	
m,p-Xylene	0.39	1.0	ND	
o-Xylene	0.15	0.50	ND	
1,2,3-Trichlorobenzene	1.2	2.0	ND	
(S) Dibromofluoromethane			116	
(S) Toluene-d8			96.0	
(S) 4-Bromofluorobenzene			88.1	

<b>Work Order:</b>	1706234	<b>Prep Method:</b>	5030GRO	<b>Prep Date:</b>	06/29/17	<b>Prep Batch:</b>	7904
<b>Matrix:</b>	Water	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	6/29/2017	<b>Analytical Batch:</b>	425175
<b>Units:</b>	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH(Gasoline)	29	50	41	
(S) 4-Bromofluorobenzene			84.8	

<b>Work Order:</b>	1706234	<b>Prep Method:</b>	3546_TPH	<b>Prep Date:</b>	07/06/17	<b>Prep Batch:</b>	7914
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8015B	<b>Analyzed Date:</b>	7/6/2017	<b>Analytical Batch:</b>	425198
<b>Units:</b>	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH as Diesel	0.85	2.0	1.12	
TPH as Motor Oil	3.2	10	ND	
Pentacosane (S)			93.1	



## MB Summary Report

<b>Work Order:</b>	1706234	<b>Prep Method:</b>	5035	<b>Prep Date:</b>	06/29/17	<b>Prep Batch:</b>	7946
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	7/1/2017	<b>Analytical Batch:</b>	425205
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dichlorodifluoromethane	1.2	10	ND	
Chloromethane	1.8	10	ND	
Vinyl Chloride	2.0	10	ND	
Bromomethane	2.7	10	ND	
Chloroethane	3.0	10	ND	
Trichlorofluoromethane	2.1	10	ND	
1,1-Dichloroethene	2.0	10	ND	
Freon 113	1.9	10	ND	
Methylene Chloride	7.1	10	ND	
trans-1,2-Dichloroethene	2.1	10	ND	
MTBE	2.3	10	ND	
tert-Butanol	12	50	ND	
Diisopropyl ether (DIPE)	2.3	10	ND	
1,1-Dichloroethane	2.2	10	ND	
ETBE	2.3	10	ND	
cis-1,2-Dichloroethene	2.2	10	ND	
2,2-Dichloropropane	1.9	10	ND	
Bromochloromethane	2.3	10	ND	
Chloroform	2.4	10	ND	
Carbon Tetrachloride	2.1	10	ND	
1,1,1-Trichloroethane	2.1	10	ND	
1,1-Dichloropropene	2.0	10	ND	
Benzene	2.2	10	ND	
TAME	2.3	10	ND	
1,2-Dichloroethane	2.3	10	ND	
Trichloroethylene	1.8	10	ND	
Dibromomethane	1.8	10	ND	
1,2-Dichloropropane	1.9	10	ND	
Bromodichloromethane	2.0	10	ND	
cis-1,3-Dichloropropene	1.6	10	ND	
Toluene	1.8	10	ND	
Tetrachloroethylene	1.7	10	ND	
trans-1,3-Dichloropropene	1.6	10	ND	
1,1,2-Trichloroethane	1.8	10	ND	
Dibromochloromethane	1.9	10	ND	
1,3-Dichloropropane	1.8	10	ND	
1,2-Dibromoethane	1.8	10	ND	
Chlorobenzene	1.8	10	ND	
Ethyl Benzene	1.7	10	ND	
1,1,1,2-Tetrachloroethane	1.9	10	ND	
m,p-Xylene	3.2	10	ND	





## MB Summary Report

<b>Work Order:</b>	1706234	<b>Prep Method:</b>	5035	<b>Prep Date:</b>	06/29/17	<b>Prep Batch:</b>	7946
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	7/1/2017	<b>Analytical Batch:</b>	425205
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
o-Xylene	1.7	10	ND		
Styrene	1.6	10	ND		
Bromoform	1.7	10	ND		
Isopropyl Benzene	1.6	10	ND		
n-Propylbenzene	1.6	10	ND		
Bromobenzene	1.8	10	ND		
1,1,2,2-Tetrachloroethane	1.9	10	ND		
2-Chlorotoluene	1.8	10	ND		
1,3,5-Trimethylbenzene	1.6	10	ND		
1,2,3-Trichloropropane	1.9	10	ND		
4-Chlorotoluene	1.6	10	ND		
tert-Butylbenzene	1.6	10	ND		
1,2,4-Trimethylbenzene	1.4	10	ND		
sec-Butyl Benzene	1.6	10	ND		
p-Isopropyltoluene	1.5	10	ND		
1,3-Dichlorobenzene	1.7	10	ND		
1,4-Dichlorobenzene	1.7	10	ND		
n-Butylbenzene	1.5	10	ND		
1,2-Dichlorobenzene	1.8	10	ND		
1,2-Dibromo-3-Chloropropane	1.8	10	ND		
Hexachlorobutadiene	1.4	10	ND		
1,2,4-Trichlorobenzene	1.5	10	ND		
Naphthalene	1.7	10	ND		
1,2,3-Trichlorobenzene	1.7	10	1.8		
2-Butanone (MEK)	1.7	10	ND		
(S) Dibromofluoromethane			91.9		
(S) Toluene-d8			120		
(S) 4-Bromofluorobenzene			111		

<b>Work Order:</b>	1706234	<b>Prep Method:</b>	5035GRO	<b>Prep Date:</b>	06/29/17	<b>Prep Batch:</b>	7947
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	7/1/2017	<b>Analytical Batch:</b>	425205
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
TPH(Gasoline)	43	100	62		
(S) 4-Bromofluorobenzene			93.0		



## MB Summary Report

<b>Work Order:</b>	1706234	<b>Prep Method:</b>	5035	<b>Prep Date:</b>	07/06/17	<b>Prep Batch:</b>	7952
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	7/6/2017	<b>Analytical Batch:</b>	425210
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dichlorodifluoromethane	1.2	10	ND	
Chloromethane	1.8	10	ND	
Vinyl Chloride	2.0	10	ND	
Bromomethane	2.7	10	ND	
Chloroethane	3.0	10	ND	
Trichlorofluoromethane	2.1	10	ND	
1,1-Dichloroethene	2.0	10	ND	
Freon 113	1.9	10	ND	
Methylene Chloride	7.1	10	ND	
trans-1,2-Dichloroethene	2.1	10	ND	
MTBE	2.3	10	ND	
tert-Butanol	12	50	ND	
Diisopropyl ether (DIPE)	2.3	10	ND	
1,1-Dichloroethane	2.2	10	ND	
ETBE	2.3	10	ND	
cis-1,2-Dichloroethene	2.2	10	ND	
2,2-Dichloropropane	1.9	10	ND	
Bromochloromethane	2.3	10	ND	
Chloroform	2.4	10	ND	
Carbon Tetrachloride	2.1	10	ND	
1,1,1-Trichloroethane	2.1	10	ND	
1,1-Dichloropropene	2.0	10	ND	
Benzene	2.2	10	ND	
TAME	2.3	10	ND	
1,2-Dichloroethane	2.3	10	ND	
Trichloroethylene	1.8	10	ND	
Dibromomethane	1.8	10	ND	
1,2-Dichloropropane	1.9	10	ND	
Bromodichloromethane	2.0	10	ND	
cis-1,3-Dichloropropene	1.6	10	ND	
Toluene	1.8	10	ND	
Tetrachloroethylene	1.7	10	ND	
trans-1,3-Dichloropropene	1.6	10	ND	
1,1,2-Trichloroethane	1.8	10	ND	
Dibromochloromethane	1.9	10	ND	
1,3-Dichloropropane	1.8	10	ND	
1,2-Dibromoethane	1.8	10	ND	
Chlorobenzene	1.8	10	ND	
Ethyl Benzene	1.7	10	ND	
1,1,1,2-Tetrachloroethane	1.9	10	ND	
m,p-Xylene	3.2	10	ND	



## MB Summary Report

<b>Work Order:</b> 1706234	<b>Prep Method:</b> 5035	<b>Prep Date:</b> 07/06/17	<b>Prep Batch:</b> 7952
<b>Matrix:</b> Soil	<b>Analytical Method:</b> SW8260B	<b>Analyzed Date:</b> 7/6/2017	<b>Analytical Batch:</b> 425210
<b>Units:</b> ug/Kg			

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
o-Xylene	1.7	10	ND	
Styrene	1.6	10	ND	
Bromoform	1.7	10	ND	
Isopropyl Benzene	1.6	10	ND	
n-Propylbenzene	1.6	10	ND	
Bromobenzene	1.8	10	ND	
1,1,2,2-Tetrachloroethane	1.9	10	ND	
2-Chlorotoluene	1.8	10	ND	
1,3,5-Trimethylbenzene	1.6	10	ND	
1,2,3-Trichloropropane	1.9	10	ND	
4-Chlorotoluene	1.6	10	ND	
tert-Butylbenzene	1.6	10	ND	
1,2,4-Trimethylbenzene	1.4	10	ND	
sec-Butyl Benzene	1.6	10	ND	
p-Isopropyltoluene	1.5	10	ND	
1,3-Dichlorobenzene	1.7	10	ND	
1,4-Dichlorobenzene	1.7	10	ND	
n-Butylbenzene	1.5	10	ND	
1,2-Dichlorobenzene	1.8	10	ND	
1,2-Dibromo-3-Chloropropane	1.8	10	ND	
Hexachlorobutadiene	1.4	10	3.2	
1,2,4-Trichlorobenzene	1.5	10	2.7	
Naphthalene	1.7	10	3.4	
1,2,3-Trichlorobenzene	1.7	10	3.7	
2-Butanone (MEK)	1.7	10	ND	
(S) Dibromofluoromethane			92.9	
(S) Toluene-d8			114	
(S) 4-Bromofluorobenzene			112	

<b>Work Order:</b> 1706234	<b>Prep Method:</b> 5035GRO	<b>Prep Date:</b> 07/06/17	<b>Prep Batch:</b> 7955
<b>Matrix:</b> Soil	<b>Analytical Method:</b> SW8260B	<b>Analyzed Date:</b> 7/6/2017	<b>Analytical Batch:</b> 425210
<b>Units:</b> ug/Kg			

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH(Gasoline)	43	100	75	
(S) 4-Bromofluorobenzene			91.8	



## MB Summary Report

<b>Work Order:</b>	1706234	<b>Prep Method:</b>	5035	<b>Prep Date:</b>	07/07/17	<b>Prep Batch:</b>	7963
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	7/7/2017	<b>Analytical Batch:</b>	425227
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dichlorodifluoromethane	1.2	10	ND	
Chloromethane	1.8	10	ND	
Vinyl Chloride	2.0	10	ND	
Bromomethane	2.7	10	ND	
Chloroethane	3.0	10	ND	
Trichlorofluoromethane	2.1	10	ND	
1,1-Dichloroethene	2.0	10	ND	
Freon 113	1.9	10	ND	
Methylene Chloride	7.1	10	ND	
trans-1,2-Dichloroethene	2.1	10	ND	
MTBE	2.3	10	ND	
tert-Butanol	12	50	ND	
Diisopropyl ether (DIPE)	2.3	10	ND	
1,1-Dichloroethane	2.2	10	ND	
ETBE	2.3	10	ND	
cis-1,2-Dichloroethene	2.2	10	ND	
2,2-Dichloropropane	1.9	10	ND	
Bromochloromethane	2.3	10	ND	
Chloroform	2.4	10	ND	
Carbon Tetrachloride	2.1	10	ND	
1,1,1-Trichloroethane	2.1	10	ND	
1,1-Dichloropropene	2.0	10	ND	
Benzene	2.2	10	ND	
TAME	2.3	10	ND	
1,2-Dichloroethane	2.3	10	ND	
Trichloroethylene	1.8	10	ND	
Dibromomethane	1.8	10	ND	
1,2-Dichloropropane	1.9	10	ND	
Bromodichloromethane	2.0	10	ND	
cis-1,3-Dichloropropene	1.6	10	ND	
Toluene	1.8	10	ND	
Tetrachloroethylene	1.7	10	ND	
trans-1,3-Dichloropropene	1.6	10	ND	
1,1,2-Trichloroethane	1.8	10	ND	
Dibromochloromethane	1.9	10	ND	
1,3-Dichloropropane	1.8	10	ND	
1,2-Dibromoethane	1.8	10	ND	
Chlorobenzene	1.8	10	ND	
Ethyl Benzene	1.7	10	ND	
1,1,1,2-Tetrachloroethane	1.9	10	ND	
m,p-Xylene	3.2	10	ND	



## MB Summary Report

<b>Work Order:</b>	1706234	<b>Prep Method:</b>	5035	<b>Prep Date:</b>	07/07/17	<b>Prep Batch:</b>	7963
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	7/7/2017	<b>Analytical Batch:</b>	425227
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
o-Xylene	1.7	10	ND		
Styrene	1.6	10	ND		
Bromoform	1.7	10	ND		
Isopropyl Benzene	1.6	10	ND		
n-Propylbenzene	1.6	10	ND		
Bromobenzene	1.8	10	ND		
1,1,2,2-Tetrachloroethane	1.9	10	ND		
2-Chlorotoluene	1.8	10	ND		
1,3,5-Trimethylbenzene	1.6	10	ND		
1,2,3-Trichloropropane	1.9	10	ND		
4-Chlorotoluene	1.6	10	ND		
tert-Butylbenzene	1.6	10	ND		
1,2,4-Trimethylbenzene	1.4	10	ND		
sec-Butyl Benzene	1.6	10	ND		
p-Isopropyltoluene	1.5	10	ND		
1,3-Dichlorobenzene	1.7	10	ND		
1,4-Dichlorobenzene	1.7	10	ND		
n-Butylbenzene	1.5	10	ND		
1,2-Dichlorobenzene	1.8	10	ND		
1,2-Dibromo-3-Chloropropane	1.8	10	ND		
Hexachlorobutadiene	1.4	10	ND		
1,2,4-Trichlorobenzene	1.5	10	ND		
Naphthalene	1.7	10	ND		
1,2,3-Trichlorobenzene	1.7	10	ND		
2-Butanone (MEK)	1.7	10	ND		
(S) Dibromofluoromethane			90.2		
(S) Toluene-d8			111		
(S) 4-Bromofluorobenzene			112		



## MB Summary Report

<b>Work Order:</b>	1706234	<b>Prep Method:</b>	5035	<b>Prep Date:</b>	07/07/17	<b>Prep Batch:</b>	7963
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	7/7/2017	<b>Analytical Batch:</b>	425227
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Dichlorodifluoromethane	120	1000	ND		
Chloromethane	180	1000	ND		
Vinyl Chloride	200	1000	ND		
Bromomethane	270	1000	ND		
Chloroethane	300	1000	ND		
Trichlorofluoromethane	210	1000	ND		
1,1-Dichloroethene	200	1000	ND		
Freon 113	190	1000	ND		
Methylene Chloride	710	1000	ND		
trans-1,2-Dichloroethene	210	1000	ND		
MTBE	230	1000	ND		
tert-Butanol	1200	5000	ND		
Diisopropyl ether (DIPE)	230	1000	ND		
1,1-Dichloroethane	220	1000	ND		
ETBE	230	1000	ND		
cis-1,2-Dichloroethene	220	1000	ND		
2,2-Dichloropropane	190	1000	ND		
Bromochloromethane	230	1000	ND		
Chloroform	240	1000	ND		
Carbon Tetrachloride	210	1000	ND		
1,1,1-Trichloroethane	210	1000	ND		
1,1-Dichloropropene	200	1000	ND		
Benzene	220	1000	ND		
TAME	230	1000	ND		
1,2-Dichloroethane	230	1000	ND		
Trichloroethylene	180	1000	ND		
Dibromomethane	180	1000	ND		
1,2-Dichloropropane	190	1000	ND		
Bromodichloromethane	200	1000	ND		
cis-1,3-Dichloropropene	160	1000	ND		
Toluene	180	1000	ND		
Tetrachloroethylene	170	1000	ND		
trans-1,3-Dichloropropene	160	1000	ND		
1,1,2-Trichloroethane	180	1000	ND		
Dibromochloromethane	190	1000	ND		
1,3-Dichloropropane	180	1000	ND		
1,2-Dibromoethane	180	1000	ND		
Chlorobenzene	180	1000	ND		
Ethyl Benzene	170	1000	ND		
1,1,1,2-Tetrachloroethane	190	1000	ND		
m,p-Xylene	320	1000	ND		



## MB Summary Report

<b>Work Order:</b>	1706234	<b>Prep Method:</b>	5035	<b>Prep Date:</b>	07/07/17	<b>Prep Batch:</b>	7963
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	7/7/2017	<b>Analytical Batch:</b>	425227
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
o-Xylene	170	1000	ND		
Styrene	160	1000	ND		
Bromoform	170	1000	ND		
Isopropyl Benzene	160	1000	ND		
n-Propylbenzene	160	1000	ND		
Bromobenzene	180	1000	ND		
1,1,2,2-Tetrachloroethane	190	1000	ND		
2-Chlorotoluene	180	1000	ND		
1,3,5-Trimethylbenzene	160	1000	ND		
1,2,3-Trichloropropane	190	1000	ND		
4-Chlorotoluene	160	1000	ND		
tert-Butylbenzene	160	1000	ND		
1,2,4-Trimethylbenzene	140	1000	ND		
sec-Butyl Benzene	160	1000	ND		
p-Isopropyltoluene	150	1000	ND		
1,3-Dichlorobenzene	170	1000	ND		
1,4-Dichlorobenzene	170	1000	ND		
n-Butylbenzene	150	1000	ND		
1,2-Dichlorobenzene	180	1000	ND		
1,2-Dibromo-3-Chloropropane	180	1000	ND		
Hexachlorobutadiene	140	1000	ND		
1,2,4-Trichlorobenzene	150	1000	ND		
Naphthalene	170	1000	ND		
1,2,3-Trichlorobenzene	170	1000	ND		
2-Butanone (MEK)	170	1000	ND		
(S) Dibromofluoromethane			94.1		
(S) Toluene-d8			114		
(S) 4-Bromofluorobenzene			114		

<b>Work Order:</b>	1706234	<b>Prep Method:</b>	5035GRO	<b>Prep Date:</b>	07/07/17	<b>Prep Batch:</b>	7964
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	7/7/2017	<b>Analytical Batch:</b>	425227
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
TPH(Gasoline)	43	100	64		
(S) 4-Bromofluorobenzene			110		



### MB Summary Report

<b>Work Order:</b>	1706234	<b>Prep Method:</b>	5035GRO	<b>Prep Date:</b>	07/07/17	<b>Prep Batch:</b>	7964
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	7/7/2017	<b>Analytical Batch:</b>	425227
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH(Gasoline)	4300	10000	7300	
(S) 4-Bromofluorobenzene			87.9	





## LCS/LCSD Summary Report

*Raw values are used in quality control assessment.*

<b>Work Order:</b>	1706234	<b>Prep Method:</b>	5030VOC	<b>Prep Date:</b>	06/30/17	<b>Prep Batch:</b>	7841
<b>Matrix:</b>	Water	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	6/30/2017	<b>Analytical Batch:</b>	425114
<b>Units:</b>	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	0.14	0.50	ND	17.9	83.4	88.6	5.86	61.4 - 129	30	
Benzene	0.16	0.50	ND	17.9	98.0	102	4.47	66.9 - 140	30	
Trichloroethylene	0.15	0.50	ND	17.9	90.4	98.2	8.33	69.3 - 144	30	
Toluene	0.14	0.50	0.28	17.9	97.8	104	6.09	76.6 - 123	30	
Chlorobenzene	0.16	0.50	ND	17.9	93.7	101	8.05	73.9 - 137	30	
(S) Dibromofluoromethane				17.9	102	105		61.2 - 131		
(S) Toluene-d8				17.9	96.0	104		75.1 - 127		
(S) 4-Bromofluorobenzene				17.9	96.6	96.5		64.1 - 120		

<b>Work Order:</b>	1706234	<b>Prep Method:</b>	3510_TPH	<b>Prep Date:</b>	07/01/17	<b>Prep Batch:</b>	7854
<b>Matrix:</b>	Water	<b>Analytical Method:</b>	SW8015B	<b>Analyzed Date:</b>	7/4/2017	<b>Analytical Batch:</b>	425129
<b>Units:</b>	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as Diesel	0.037	0.10	0.0419	1.0	103	113	9.26	52 - 115	30	
Pentacosane (S)				200	110	119		59 - 129		

<b>Work Order:</b>	1706234	<b>Prep Method:</b>	3546-PAH	<b>Prep Date:</b>	07/05/17	<b>Prep Batch:</b>	7880
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8270C	<b>Analyzed Date:</b>	7/5/2017	<b>Analytical Batch:</b>	425153
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Acenaphthene	11000	200000	ND	800.0	80.7	77.1	4.59	45 - 110	30	
Pyrene	12000	200000	ND	800.0	86.1	80.6	6.60	45 - 125	30	
Nitrobenzene-d5 (S)				11110	76.9	76.8		23 - 120		
2-Fluorobiphenyl (S)				11110	91.3	90.6		30 - 115		
p-Terphenyl-d14 (S)				11110	85.2	77.6		18 - 137		



## LCS/LCSD Summary Report

*Raw values are used in quality control assessment.*

<b>Work Order:</b>	1706234	<b>Prep Method:</b>	3546-PAH	<b>Prep Date:</b>	07/05/17	<b>Prep Batch:</b>	7881
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8270C	<b>Analyzed Date:</b>	7/6/2017	<b>Analytical Batch:</b>	425154
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Acenaphthene	11000	200000	ND	800.0	89.8	94.0	4.63	45 - 110	30	
Pyrene	12000	200000	ND	800.0	92.4	89.4	3.30	45 - 125	30	
Nitrobenzene-d5 (S)				11110	80.5	87.0		23 - 120		
2-Fluorobiphenyl (S)				11110	96.2	99.0		30 - 115		
p-Terphenyl-d14 (S)				11110	84.0	87.2		18 - 137		

<b>Work Order:</b>	1706234	<b>Prep Method:</b>	3546_TPH	<b>Prep Date:</b>	07/06/17	<b>Prep Batch:</b>	7897
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8015B	<b>Analyzed Date:</b>	7/6/2017	<b>Analytical Batch:</b>	425184
<b>Units:</b>	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as Diesel	0.85	2.0	ND	25.0	115	107	6.85	52 - 115	30	
Pentacosane (S)				200	115	125		59 - 129		

<b>Work Order:</b>	1706234	<b>Prep Method:</b>	5030VOC	<b>Prep Date:</b>	06/29/17	<b>Prep Batch:</b>	7903
<b>Matrix:</b>	Water	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	6/29/2017	<b>Analytical Batch:</b>	425175
<b>Units:</b>	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Benzene	0.16	0.50		17.9	101	106	4.32	66.9 - 140	30	
Trichloroethylene	0.15	0.50		17.9	90.6	98.6	8.28	69.3 - 144	30	
Toluene	0.14	0.50		17.9	97.9	99.7	1.70	76.6 - 123	30	
(S) Dibromofluoromethane				17.9	103	108		61.2 - 131		
(S) Toluene-d8				17.9	95.1	96.2		75.1 - 127		
(S) 4-Bromofluorobenzene				17.9	91.0	93.7		64.1 - 120		

<b>Work Order:</b>	1706234	<b>Prep Method:</b>	5030GRO	<b>Prep Date:</b>	06/29/17	<b>Prep Batch:</b>	7904
<b>Matrix:</b>	Water	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	6/29/2017	<b>Analytical Batch:</b>	425175
<b>Units:</b>	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH(Gasoline)	29	50	41	238	120	123	2.76	52.4 - 127	30	
(S) 4-Bromofluorobenzene				11.9	121	109		41.5 - 125		



## LCS/LCSD Summary Report

*Raw values are used in quality control assessment.*

<b>Work Order:</b>	1706234	<b>Prep Method:</b>	3546_TPH	<b>Prep Date:</b>	07/06/17	<b>Prep Batch:</b>	7914
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8015B	<b>Analyzed Date:</b>	7/6/2017	<b>Analytical Batch:</b>	425198
<b>Units:</b>	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as Diesel	0.85	2.0	1.12	25.0	87.6	85.7	2.31	52 - 115	30	
Pentacosane (S)				200	73.2	72.9		59 - 129		

<b>Work Order:</b>	1706234	<b>Prep Method:</b>	5035	<b>Prep Date:</b>	06/29/17	<b>Prep Batch:</b>	7946
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	7/1/2017	<b>Analytical Batch:</b>	425205
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	2.0	10	ND	50.0	133	134	1.05	53.7 - 139	30	
Benzene	2.2	10	ND	50.0	121	122	0.824	66.5 - 135	30	
Trichloroethylene	1.8	10	ND	50.0	104	106	1.33	57.5 - 150	30	
Toluene	1.8	10	ND	50.0	111	110	0.903	56.8 - 134	30	
Chlorobenzene	1.8	10	ND	50.0	93.5	93.8	0.213	57.4 - 134	30	
(S) Dibromofluoromethane				50.0	101	101		59.8 - 148		
(S) Toluene-d8				50.0	99.6	98.7		55.2 - 133		
(S) 4-Bromofluorobenzene				50.0	110	114		55.8 - 141		
2-Butanone (MEK)			ND					-		

<b>Work Order:</b>	1706234	<b>Prep Method:</b>	5035GRO	<b>Prep Date:</b>	06/29/17	<b>Prep Batch:</b>	7947
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	7/1/2017	<b>Analytical Batch:</b>	425205
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH(Gasoline)	43	100	62	1000	87.9	84.6	3.83	48.2 - 132	30	
(S) 4-Bromofluorobenzene				50	94.9	89.2		43.9 - 127		



## LCS/LCSD Summary Report

*Raw values are used in quality control assessment.*

<b>Work Order:</b>	1706234	<b>Prep Method:</b>	5035	<b>Prep Date:</b>	07/06/17	<b>Prep Batch:</b>	7952
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	7/6/2017	<b>Analytical Batch:</b>	425210
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	2.0	10	ND	50.0	109	113	4.33	53.7 - 139	30	
Benzene	2.2	10	ND	50.0	105	110	4.84	66.5 - 135	30	
Trichloroethylene	1.8	10	ND	50.0	90.6	96.5	6.41	57.5 - 150	30	
Toluene	1.8	10	ND	50.0	119	131	10.1	56.8 - 134	30	
Chlorobenzene	1.8	10	ND	50.0	105	111	6.12	57.4 - 134	30	
(S) Dibromofluoromethane				50.0	87.6	92.2		59.8 - 148		
(S) Toluene-d8				50.0	107	117		55.2 - 133		
(S) 4-Bromofluorobenzene				50.0	102	107		55.8 - 141		
2-Butanone (MEK)			ND					-		

<b>Work Order:</b>	1706234	<b>Prep Method:</b>	5035GRO	<b>Prep Date:</b>	07/06/17	<b>Prep Batch:</b>	7955
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	7/6/2017	<b>Analytical Batch:</b>	425210
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH(Gasoline)	43	100	75	1000	107	107	0.000	48.2 - 132	30	
(S) 4-Bromofluorobenzene				50	99.2	113		43.9 - 127		

<b>Work Order:</b>	1706234	<b>Prep Method:</b>	5035	<b>Prep Date:</b>	07/07/17	<b>Prep Batch:</b>	7963
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	7/7/2017	<b>Analytical Batch:</b>	425227
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	2.0	10	ND	50.0	106	106	0.377	53.7 - 139	30	
Benzene	2.2	10	ND	50.0	110	109	0.183	66.5 - 135	30	
Trichloroethylene	1.8	10	ND	50.0	104	100	3.71	57.5 - 150	30	
Toluene	1.8	10	ND	50.0	129	129	0.311	56.8 - 134	30	
Chlorobenzene	1.8	10	ND	50.0	114	113	0.176	57.4 - 134	30	
(S) Dibromofluoromethane				50.0	97.2	94.3		59.8 - 148		
(S) Toluene-d8				50.0	118	116		55.2 - 133		
(S) 4-Bromofluorobenzene				50.0	112	109		55.8 - 141		



## LCS/LCSD Summary Report

*Raw values are used in quality control assessment.*

<b>Work Order:</b>	1706234	<b>Prep Method:</b>	5035GRO	<b>Prep Date:</b>	07/07/17	<b>Prep Batch:</b>	7964
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	7/7/2017	<b>Analytical Batch:</b>	425227
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH(Gasoline)	43	100	64	1000	108	103	4.74	48.2 - 132	30	
(S) 4-Bromofluorobenzene				50	95.3	96.0		43.9 - 127		



## MS/MSD Summary Report

*Raw values are used in quality control assessment.*

<b>Work Order:</b>	1706234	<b>Prep Method:</b>	3546-PAH	<b>Prep Date:</b>	07/05/17	<b>Prep Batch:</b>	7881
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8270C	<b>Analyzed Date:</b>	7/7/2017	<b>Analytical Batch:</b>	425154
<b>Spiked Sample:</b>	1706234-012A						
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Acenaphthene	10700	200000	ND	800.0	66.4	72.3	8.65	45 - 110	30	
Pyrene	12000	200000	ND	800.0	87.0	81.0	7.14	45 - 125	30	
Nitrobenzene-d5 (S)				11110	65.2	65.9	1.07	23 - 120		
2-Fluorobiphenyl (S)				11110	72.5	77.4	6.54	30 - 115		
p-Terphenyl-d14 (S)				11110	99.6	82.7	18.5	18 - 137		

<b>Work Order:</b>	1706234	<b>Prep Method:</b>	3546_TPH	<b>Prep Date:</b>	07/06/17	<b>Prep Batch:</b>	7897
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8015B	<b>Analyzed Date:</b>	7/7/2017	<b>Analytical Batch:</b>	425184
<b>Spiked Sample:</b>	1706234-004A						
<b>Units:</b>	mg/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as Diesel	0.850	2.00	3.09	25.0	69.8	73.2	4.30	52 - 115	30	
Pentacosane (S)				200	87.0	80.6		59 - 129		



## Laboratory Qualifiers and Definitions

### DEFINITIONS:

<b>Accuracy/Bias (% Recovery)</b> - The closeness of agreement between an observed value and an accepted reference value.
<b>Blank (Method/Preparation Blank)</b> -MB/PB - An analyte-free matrix to which all reagents are added in the same volumes/proportions as used in sample processing. The method blank is used to document contamination resulting from the analytical process.
<b>Duplicate</b> - a field sample and/or laboratory QC sample prepared in duplicate following all of the same processes and procedures used on the original sample (sample duplicate, LCSD, MSD)
<b>Laboratory Control Sample (LCS ad LCSD)</b> - A known matrix spiked with compounds representative of the target analyte(s). This is used to document laboratory performance.
<b>Matrix</b> - the component or substrate that contains the analyte of interest (e.g., - groundwater, sediment, soil, waste water, etc)
<b>Matrix Spike (MS/MSD)</b> - Client sample spiked with identical concentrations of target analyte (s). The spiking occurs prior to the sample preparation and analysis. They are used to document the precision and bias of a method in a given sample matrix.
<b>Method Detection Limit (MDL)</b> - the minimum concentration of a substance that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero
<b>Practical Quantitation Limit/Reporting Limit/Limit of Quantitation (PQL/RL/LOQ)</b> - a laboratory determined value at 2 to 5 times above the MDL that can be reproduced in a manner that results in a 99% confidence level that the result is both accurate and precise. PQLs/RLs/LODs reflect all preparation factors and/or dilution factors that have been applied to the sample during the preparation and/or analytical processes.
<b>Precision (%RPD)</b> - The agreement among a set of replicate/duplicate measurements without regard to known value of the replicates
<b>Surrogate (S) or (Surr)</b> - An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. Surrogates are used in most organic analysis to demonstrate matrix compatibility with the chosen method of analysis
<b>Tentatively Identified Compound (TIC)</b> - A compound not contained within the analytical calibration standards but present in the GCMS library of defined compounds. When the library is searched for an unknown compound, it can frequently give a tentative identification to the compound based on retention time and primary and secondary ion match. TICs are reported as estimates and are candidates for further investigation.
<b>Units:</b> the unit of measure used to express the reported result - <b>mg/L</b> and <b>mg/Kg</b> (equivalent to PPM - parts per million in <b>liquid</b> and <b>solid</b> ), <b>ug/L</b> and <b>ug/Kg</b> (equivalent to PPB - parts per billion in <b>liquid</b> and <b>solid</b> ), <b>ug/m3</b> , <b>mg/m3</b> , <b>ppbv</b> and <b>ppmv</b> (all units of measure for reporting concentrations in air), % (equivalent to 10000 ppm or 1,000,000 ppb), <b>ug/Wipe</b> (concentration found on the surface of a single Wipe usually taken over a 100cm <sup>2</sup> surface)

### LABORATORY QUALIFIERS:

<p><b>B</b> - Indicates when the analyte is found in the associated method or preparation blank</p> <p><b>D</b> - Surrogate is not recoverable due to the necessary dilution of the sample</p> <p><b>E</b> - Indicates the reportable value is outside of the calibration range of the instrument but within the linear range of the instrument (unless otherwise noted) Values reported with an E qualifier should be considered as estimated.</p> <p><b>H</b>- Indicates that the recommended holding time for the analyte or compound has been exceeded</p> <p><b>J</b>- Indicates a value between the method MDL and PQL and that the reported concentration should be considered as estimated rather the quantitative</p> <p><b>NA</b> - Not Analyzed</p> <p><b>N/A</b> - Not Applicable</p> <p><b>ND</b> - Not Detected at a concentration greater than the PQL/RL or, if reported to the MDL, at greater than the MDL.</p> <p><b>NR</b> - Not recoverable - a matrix spike concentration is not recoverable due to a concentration within the original sample that is greater than four times the spike concentration added</p> <p><b>R</b>- The % RPD between a duplicate set of samples is outside of the absolute values established by laboratory control charts</p> <p><b>S</b>- Spike recovery is outside of established method and/or laboratory control limits. Further explanation of the use of this qualifier should be included within a case narrative</p> <p><b>X</b> -Used to indicate that a value based on pattern identification is within the pattern range but not typical of the pattern found in standards. Further explanation may or may not be provided within the sample footnote and/or the case narrative.</p>
---



## Sample Receipt Checklist

Client Name: Wheeler Group Environmental, LLC

Date and Time Received: 6/28/2017 5:30:00PM

Project Name: 340 29th Street, Oakland, CA

Received By: Helena Ueng

Work Order No.: 1706234

Physically Logged By: Helena Ueng

Checklist Completed By:

Carrier Name: First Courier

### Chain of Custody (COC) Information

Chain of custody present? Yes  
Chain of custody signed when relinquished and received? Yes  
Chain of custody agrees with sample labels? Yes  
Custody seals intact on sample bottles? Not Present

### Sample Receipt Information

Custody seals intact on shipping container/cooler? Not Present  
Shipping Container/Cooler In Good Condition? Yes  
Samples in proper container/bottle? Yes  
Samples containers intact? Yes  
Sufficient sample volume for indicated test? Yes

### Sample Preservation and Hold Time (HT) Information

All samples received within holding time? Yes  
Container/Temp Blank temperature in compliance? Yes      Temperature: 5.0 °C  
Water-VOA vials have zero headspace? No VOA vials submitted  
Water-pH acceptable upon receipt?  
pH Checked by: N/A      pH Adjusted by: N/A

### Comments:





## Login Summary Report

**Client ID:** TL6291      Wheeler Group Environmental, LLC  
**Project Name:** 340 29th Street, Oakland, CA  
**Project # :** Site Investigation Sampling  
**Report Due Date:** 7/7/2017

**QC Level:** II  
**TAT Requested:** 5+ day:5  
**Date Received:** 6/28/2017  
**Time Received:** 5:30 pm

**Comments:**

**Work Order # :** 1706234

<u>WO Sample ID</u>	<u>Client Sample ID</u>	<u>Collection Date/Time</u>	<u>Matrix</u>	<u>Scheduled Disposal</u>	<u>Sample On Hold</u>	<u>Test On Hold</u>	<u>Requested Tests</u>	<u>Subbed</u>
1706234-001A	B4-SG-6.5	06/26/17 15:15	Soil	12/25/17			VOC_S_8260B VOC_S_GRO TPHDO_S_8015(Mod ) PAH_S_8270C	
1706234-002A	B5-3	06/26/17 16:10	Soil	12/25/17			PAH_S_8270C VOC_S_GRO VOC_S_8260B TPHDO_S_8015(Mod )	
1706234-003A	B5-7.5	06/26/17 16:18	Soil	12/25/17			PAH_S_8270C VOC_S_GRO VOC_S_8260B TPHDO_S_8015(Mod )	
1706234-004A	B6-5	06/26/17 13:10	Soil	12/25/17			VOC_S_GRO VOC_S_8260B TPHDO_S_8015(Mod )	
1706234-005A	B6-10	06/26/17 13:36	Soil	12/25/17			PAH_S_8270C VOC_S_GRO VOC_S_8260B TPHDO_S_8015(Mod )	
1706234-006A	B7-5	06/27/17 8:10	Soil	12/25/17			TPHDO_S_8015(Mod ) VOC_S_8260B VOC_S_GRO PAH_S_8270C	
1706234-007A	B7-10	06/27/17 8:25	Soil	12/25/17			TPHDO_S_8015(Mod )	



## Login Summary Report

**Client ID:** TL6291      Wheeler Group Environmental, LLC  
**Project Name:** 340 29th Street, Oakland, CA  
**Project # :** Site Investigation Sampling  
**Report Due Date:** 7/7/2017

**QC Level:** II  
**TAT Requested:** 5+ day:5  
**Date Received:** 6/28/2017  
**Time Received:** 5:30 pm

**Comments:**

**Work Order # :** 1706234

<u>WO Sample ID</u>	<u>Client Sample ID</u>	<u>Collection Date/Time</u>	<u>Matrix</u>	<u>Scheduled Disposal</u>	<u>Sample On Hold</u>	<u>Test On Hold</u>	<u>Requested Tests</u>	<u>Subbed</u>
1706234-008A	B7-15	06/27/17 8:45	Soil	12/25/17			VOC_S_8260B VOC_S_GRO PAH_S_8270C	
1706234-009A	B8-5	06/27/17 9:20	Soil	12/25/17			TPHDO_S_8015(Mod ) VOC_S_8260B VOC_S_GRO PAH_S_8270C	
1706234-010A	B8-10	06/27/17 9:35	Soil	12/25/17			PAH_S_8270C TPHDO_S_8015(Mod ) VOC_S_8260B VOC_S_GRO	
1706234-011A	B8-12	06/27/17 9:45	Soil	12/25/17			PAH_S_8270C TPHDO_S_8015(Mod ) VOC_S_8260B VOC_S_GRO	
1706234-012A	B8-15	06/27/17 9:55	Soil	12/25/17			PAH_S_8270C TPHDO_S_8015(Mod ) VOC_S_8260B VOC_S_GRO	
1706234-013A	B1-GW	06/27/17 10:40	Water	08/12/17			VOC_S_GRO TPHDO_S_8015(Mod ) PAH_S_8270C VOC_S_8260B	
1706234-013B	B1-GW	06/27/17 10:40	Water	08/12/17			TPHDO_W_8015B(M)  VOC_W_GRO VOC_W_8260B	



## Login Summary Report

**Client ID:** TL6291      Wheeler Group Environmental, LLC  
**Project Name:** 340 29th Street, Oakland, CA  
**Project # :** Site Investigation Sampling  
**Report Due Date:** 7/7/2017

**QC Level:** II  
**TAT Requested:** 5+ day:5  
**Date Received:** 6/28/2017  
**Time Received:** 5:30 pm

**Comments:**

**Work Order # :** 1706234

<u>WO Sample ID</u>	<u>Client Sample ID</u>	<u>Collection Date/Time</u>	<u>Matrix</u>	<u>Scheduled Disposal</u>	<u>Sample On Hold</u>	<u>Test On Hold</u>	<u>Requested Tests</u>	<u>Subbed</u>
1706234-014A	B2-GW	06/27/17 10:50	Water	08/12/17			TPHDO_W_8015B(M)	
1706234-014B	B2-GW	06/27/17 10:50	Water	08/12/17			VOC_W_GRO VOC_W_8260B	
1706234-015A	B3-GW	06/27/17 11:10	Water	08/12/17			TPHDO_W_8015B(M)	
1706234-015B	B3-GW	06/27/17 11:10	Water	08/12/17			VOC_W_GRO VOC_W_8260B	
1706234-016A	B4-GW	06/27/17 11:35	Water	08/12/17			TPHDO_W_8015B(M)	
1706234-016B	B4-GW	06/27/17 11:35	Water	08/12/17			VOC_W_GRO VOC_W_8260B	
1706234-017A	B6-GW	06/27/17 11:20	Water	08/12/17			VOC_W_GRO VOC_W_8260B	
1706234-018A	2901 Basement	06/27/17 14:15	Water	08/12/17			TPHDO_W_8015B(M)	
1706234-018B	2901 Basement	06/27/17 14:15	Water	08/12/17			VOC_W_GRO VOC_W_8260B	



483 Sinclair Frontage Road  
 Milpitas, CA 95035  
 Phone: 408.263.5258  
 FAX: 408.263.8293  
 www.torrentlab.com

# CHAIN OF CUSTODY

LAB WORK ORDER NO

1706234

• NOTE: SHADED AREAS ARE FOR TORRENT LAB USE ONLY •

Company Name: <b>Wheeler Group Environmental, LLC</b>			Location of Sampling: 340 29th Street, Oakland, CA		
Address: 369-B Third Street, Suite #221			Purpose: Site Investigation Sampling		
City: San Rafael	State: CA	Zip Code: 94901	Special Instructions / Comments: PT=PlasticTube; MO=Motor Oil;		
Telephone: 415-686-8846		FAX:	Global ID No: T10000009111; See Remarks for Field Point Name (FPN)		
REPORT TO: Brent Wheeler		SAMPLER: Brent Wheeler	P.O. #: WGE 2016102	EMAIL: bwheeler@wheelergroupenvironmental.com	

TURNAROUND TIME:			SAMPLE TYPE:			REPORT FORMAT:		
<input type="checkbox"/> 10 Work Days	<input type="checkbox"/> 3 Work Days	<input type="checkbox"/> Noon - Nxt Day	<input type="checkbox"/> Storm Water	<input type="checkbox"/> Air	<input type="checkbox"/> QC Level IV			
<input type="checkbox"/> 7 Work Days	<input type="checkbox"/> 2 Work Days	<input type="checkbox"/> 2 - 8 Hours	<input type="checkbox"/> Waste Water	<input type="checkbox"/> Other	<input checked="" type="checkbox"/> EDF			
<input checked="" type="checkbox"/> 5 Work Days	<input type="checkbox"/> 1 Work Day	<input type="checkbox"/> Other	<input type="checkbox"/> Ground Water		<input type="checkbox"/> Excel / EDD			
			<input checked="" type="checkbox"/> Soil					

ANALYSIS REQUESTED

LAB ID	CLIENT'S SAMPLE I.D.	DATE / TIME SAMPLED	MATRIX	# OF CONT	CONT TYPE	TPH-Diescl (8015)	TPH-MO (8015M)	TPH-Gas (8260B)	VOCs - Full List	PAHs (8270C)	Hold	REMARKS
001A	B4-SG-6.5	6-26-17 / 1515	Soil	1	PT	✓	✓	✓	✓			FPN: B4-SG
002A	B5-3	6-26-17 / 1610	Soil	1	PT	✓	✓	✓	✓	✓		FPN: B5
003A	B5-7.5	6-26-17 / 1618	Soil	1	PT	✓	✓	✓	✓	✓		FPN: B5
004A	B6-5	6-26-17 / 1310	Soil	1	PT	✓	✓	✓	✓			FPN: B6
005A	B6-10	6-26-17 / 1336	Soil	1	PT	✓	✓	✓	✓	✓		FPN: B6
006A	B7-5	6-27-17 / 0810	Soil	1	PT	✓	✓	✓	✓	✓		FPN: B7
007A	B7-10	6-27-17 / 0825	Soil	1	PT	✓	✓	✓	✓	✓		FPN: B7
008A	B7-15	6-27-17 / 0845	Soil	1	PT	✓	✓	✓	✓	✓		FPN: B7
009A	B8-5	6-27-17 / 0920	Soil	1	PT	✓	✓	✓	✓	✓		FPN: B8
010A	B8-10	6-27-17 / 0935	Soil	1	PT	✓	✓	✓	✓	✓		FPN: B8

1	Relinquished By: <u>Brent Wheeler</u> Print: <u>BRENT A WHEELER</u>	Date: 6-28-17	Time: 14:55	Received By: <u>Marty Cenwa</u> Print: <u>MARTY CENWA</u>	Date: 6/28/17	Time: 14:55
2	Relinquished By: <u>Marty Cenwa</u> Print: <u>MARTY CENWA</u>	Date: 6/28/17	Time: 5:30	Received By: <u>Helena Veng</u> Print: <u>HELENA VENG</u>	Date: 6/28/17	Time: 17:30

Were Samples Received in Good Condition?  Yes  NO Samples on Ice?  Yes  NO Method of Shipment FCS Sample seals intact?  Yes  NO  N/A

NOTE: Samples are discarded by the laboratory 30 days from date of receipt unless other arrangements are made.

Page 3 of 4

Log In By: \_\_\_\_\_ Date: \_\_\_\_\_ Log In Reviewed By: \_\_\_\_\_ Date: Temp 5°C #1



483 Sinclair Frontage Road  
 Milpitas, CA 95035  
 Phone: 408.263.5258  
 FAX: 408.263.8293  
 www.torrentlab.com

# CHAIN OF CUSTODY

LAB WORK ORDER NO

1706234

• NOTE: SHADED AREAS ARE FOR TORRENT LAB USE ONLY •

Company Name: <b>Wheeler Group Environmental, LLC</b>			Location of Sampling: <b>340 29th Street, Oakland, CA</b>		
Address: <b>369-B Third Street, Suite #221</b>			Purpose: <b>Site Investigation Sampling</b>		
City: <b>San Rafael</b>	State: <b>CA</b>	Zip Code: <b>94901</b>	Special Instructions / Comments: <b>PT=PlasticTube; SG=Soil Gas; TD = Thermal Desorption</b>		
Telephone: <b>415-686-8846</b>		FAX:	MO=Motor Oil; Global ID No: <b>T1000009111</b> ; See Remarks for Field Point Name (FPN)		
REPORT TO: <b>Brent Wheeler</b>		SAMPLER: <b>Brent Wheeler</b>	P.O. #: <b>WGE 2016102</b>	EMAIL: <b>bwheeler@wheelergroupenvironmental.com</b>	

TURNAROUND TIME:			SAMPLE TYPE:			REPORT FORMAT:						 <b>ANALYSIS REQUESTED</b>
<input type="checkbox"/> 10 Work Days	<input type="checkbox"/> 3 Work Days	<input type="checkbox"/> Noon - Nxt Day	<input type="checkbox"/> Storm Water	<input type="checkbox"/> Air	<input type="checkbox"/> QC Level IV	<b>TPH-Diescl (8015)</b> <b>TPH-MO (8015M)</b> <b>TPH-Gas (8260B)</b> <b>VOCs - Full List</b> <b>PAHs (8270C)</b> <b>Hold</b> <b>TPH-D/MO (TO17)</b> <b>TPH-G (TO17)</b> <b>VOCs - Full (TO17)</b>						
<input type="checkbox"/> 7 Work Days	<input type="checkbox"/> 2 Work Days	<input type="checkbox"/> 2 - 8 Hours	<input type="checkbox"/> Waste Water	<input checked="" type="checkbox"/> Other	<input checked="" type="checkbox"/> EDF							
<input checked="" type="checkbox"/> 5 Work Days	<input type="checkbox"/> 1 Work Day	<input type="checkbox"/> Other	<input checked="" type="checkbox"/> Ground Water	<input type="checkbox"/> Excel / EDD								
			<input checked="" type="checkbox"/> Soil									

LAB ID	CLIENT'S SAMPLE I.D.	DATE / TIME SAMPLED	MATRIX	# OF CONT	CONT TYPE	TPH-Diescl (8015)	TPH-MO (8015M)	TPH-Gas (8260B)	VOCs - Full List	PAHs (8270C)	Hold	TPH-D/MO (TO17)	TPH-G (TO17)	VOCs - Full (TO17)	REMARKS
011A	B8-12	6-27-17 / 0945	Soil	1	PT	✓	✓	✓	✓	✓					FPN: B8
012A	B8-15	6-27-17 / 0955	Soil	1	PT	✓	✓	✓	✓	✓					FPN: B8
013AB	B1-GW	6-27-17 / 1040	GW	4	Varies	✓	✓	✓	✓						FPN: B1
014AB	B2-GW	6-27-17 / 1050	GW	4	Varies	✓	✓	✓	✓						FPN: B2
015AB	B3-GW	6-27-17 / 1110	GW	4	Varies	✓	✓	✓	✓						FPN: B3
016AB	B4-GW	6-27-17 / 1135	GW	4	Varies	✓	✓	✓	✓						FPN: B4
017A	B6-GW	6-27-17 / 1120	GW	2	VOA			✓	✓						FPN: B6
018AB	2901 Basement	6-27-17 / 1415	AQ	4	Varies	✓	✓	✓	✓						FPN: 2901BSMNT
	B4-SG-6.5	6-27-17 / 1335	SG	2	TD							✓	✓	✓	FPN: B4

1	Relinquished By: <u>Brent A. Wheeler</u> Print: <u>Brent A. Wheeler</u>	Date: <u>6-28-17</u>	Time: <u>1:55</u>	Received By: <u>Marty Cerna</u> Print: <u>Marty Cerna</u>	Date: <u>6/28/17</u>	Time: <u>14:55</u>
2	Relinquished By: <u>Marty Cerna</u> Print: <u>Marty Cerna</u>	Date: <u>6/28/17</u>	Time: <u>5:30</u>	Received By: <u>Henry Heng</u> Print: <u>Henry Heng</u>	Date: <u>6/28/17</u>	Time: <u>17:30</u>

Were Samples Received in Good Condition?  Yes  NO Samples on Ice?  Yes  NO Method of Shipment FCS Sample seals intact?  Yes  NO  N/A

NOTE: Samples are discarded by the laboratory 30 days from date of receipt unless other arrangements are made. Page 4 of 4

Log In By: \_\_\_\_\_ Date: \_\_\_\_\_ Log In Reviewed By: \_\_\_\_\_ Date: Temp=5°C #1



**Site Investigation Report  
Mercedes-Benz of Oakland  
340 29<sup>th</sup> Street, Oakland, California**

APN 9-701-9  
Alameda County LOP Case No. RO0003220  
Geotracker Global ID T10000009111

**APPENDIX C**

**BORING LOGS**

Soil Boring Logs B1 to B8  
Soil Gas Well Construction Log B4-SG

**Wheeler Group Environmental, LLC**  
369-B Third Street, Suite #221, San Rafael, CA 94901  
Phone: 415-686-8846  
Project no. 2016102

## SOIL BORING LOG B1

Depth (fbg)	Recovery/ Sample ID	Blow Counts (#/6")	Organic Vapor (ppm)	USCS Soil Type	Description	Boring Backfill Detail	
1					Concrete – Sidewalk (4")	← Concrete (0'-0.5')	
				0.0	CL	(0.5'-5') <b>CLAY (CL)</b> . Moist to Wet, Moderate to Dark Yellowish Brown (10YR 5/4, 4/2), Silty, Soft; No Odor / No Staining. @ 2.5'; Same, Change in Color to Dark Yellowish Orange (10YR 6/6).	
5		B1-5	NA	0.0	SM	(5'-9.5') <b>SAND (SM)</b> . Damp to Moist, Moderate Yellowish Brown (10YR 5/4) to Pale Yellowish Brown (10YR 6/2), Fine-Grained, Clayey, Soft; No Odor / No Staining. @ 6'; Change in Color to Light Olive Gray (5Y 6/1), with Rock Fragments and Coarse-Grained Sand (Moderate Motor Oil Odor).	← Neat Portland Cement (0.5'-16')
		B1-6	NA	0.0			
		B1-8	NA	101			
		B1-10	NA	253			
10				162	CL	(9.5'-16') <b>CLAY (CL)</b> . Damp, Moderate Yellowish Brown (10YR 5/4) and Light Olive Gray (5Y 6/1), Firm; No Odor. @ 11.5'; Same, Change in Color to Moderate Yellowish Brown (10YR 5/4).	
				5.0			
				0.0			
15		B1-15	NA	0.0			
				0.0			
						Total Borehole Depth = 16 fbg	↔ 2.25"
20						Install 3/4"-Dia. Piezometer Casing to Total Depth at 11:20AM. Borehole Dry at 11:25AM.	
25						Depth to groundwater measured in B1 using electronic oil/water interface meter at 11.65 fbg (10.90' TOC) on 6-27-17 @ 7:29AM (No Product); Collect Grab Groundwater Sample B1-GW on 6-27-17 at 10:40AM.	

**BORING NUMBER: B1**  
**LOCATION: 344 29<sup>th</sup> Street, Oakland, CA**  
**PROJECT No: 2016102**  
**DRILLING CONTRACTOR: EnProbe**  
**DRILLING METHOD: Hand Auger/GeoProbe**  
**DRILLING DATE: June 26, 2017**  
**Logged By: B. Wheeler Checked By: M.Youngkin**

**Legend/Notes:**

- fbg = feet below grade
- ppm = parts per million
- ☒ = Lithologic Sample Interval
- ☐ = Sample Retained for Laboratory Analysis
- ≡ = Measured Depth to Groundwater (Non-Static)
- NA = Not applicable

## SOIL BORING LOG B2

Depth (fbg)	Recovery/ Sample ID	Blow Counts (#/6")	Organic Vapor (ppm)	USCS Soil Type	Description	Boring Backfill Detail
1	Hand Auger B2-5	NA	0.0	ML	Asphaltic Concrete (12")	← Concrete (0'-1')
				ML	(1'-4.5') <b>SILT (ML)</b> . Damp to Moist, Moderate Yellowish Brown (10YR 5/4) and Pale Yellowish Brown (10YR 6/2), Slightly Clayey, Sift to Firm; No Odor, No Staining.	
5				SM	(4.5'-8.5') <b>SAND (SM)</b> . Damp to Moist, Moderate to Dark Yellowish Brown (10YR 5/4, 4/2), Clayey, Fine-Grained w/ Rock Fragments; No Odor / No Staining.	← Neat Portland Cement (1'-20')
				SM	@ 7'; 1"-Thick Lense of Gravel/Crushed Rock.	
10	B2-10	NA	0.0	CL	(8.5'-20') <b>CLAY (CL)</b> . Damp to Moist, Moderate Yellowish Brown (10YR 5/4) and Pale Yellowish Brown (10YR 6/2), Firm to Soft; No Odor / No Staining.	
(11.45')			0.0		@ 13.5'; Same, Change in Color to Moderate Yellowish Brown (10YR 5/4).	
15	B2-15	NA	0.0	CL	@ 18'; Same, Change in Color to Moderate Yellowish Brown (10YR 5/4).	
20	B2-20	NA	0.0		Total Borehole Depth = 20 fbg Install 3/4"-Dia. Piezometer Casing to Total Depth at 9:55AM. Borehole Dry at 9:55AM.  Depth to groundwater measured in B2 using electronic oil/water interface meter at 19.08 fbg @ 1:45PM (No Product); 11.45 fbg (10.82' TOC) on 6-27-17 @ 7:25AM (No Product); Collect Grab Groundwater Sample B2-GW on 6-27-17 at 10:50AM.	↔ 2.25"
25						

**BORING NUMBER: B2**  
**LOCATION:** 344 29<sup>th</sup> Street, Oakland, CA  
**PROJECT No:** 2016102  
**DRILLING CONTRACTOR:** EnProbe  
**DRILLING METHOD:** Hand Auger/GeoProbe  
**DRILLING DATE:** June 26, 2017  
**Logged By:** B. Wheeler **Checked By:** M.Youngkin

**Legend/Notes:**

- fbg = feet below grade
- ppm = parts per million
- ☒ = Lithologic Sample Interval
- ☐ = Sample Retained for Laboratory Analysis
- ≡ = Measured Depth to Groundwater (Non-Static)
- NA = Not applicable



### SOIL BORING LOG B3

Depth (fbg)	Recovery/ Sample ID	Blow Counts (#/6")	Organic Vapor (ppm)	USCS Soil Type	Description	Boring Backfill Detail
1	Hand Auger			CL	Concrete – Sidewalk (4")	Concrete (0'-0.5')
				(0.5'-6') <b>CLAY (CL)</b> . Moist to Wet, Moderate to Dark Yellowish Brown (10YR 5/4, 4/2), Silty, Soft; No Odor / No Staining. @ 3'; Same, Change in Color to Dark Yellowish Orange (10YR 6/6).		
5	B3-5	NA	0.0	CL		Neat Portland Cement (0.5'-16')
			0.0	SM	(6'-9.5') <b>SAND (SM)</b> . Damp to Moist, Moderate to Dark Yellowish Brown (10YR 5/4, 4/2), Fine-Grained with Rock Fragments and Trace Gravel; No Odor / No Staining. @ 8'-9.25'; Same, Wet.	
10	B3-10	NA	0.0	SM		
	B3-11	NA	3.7 10.7	CL	(10'-16') <b>CLAY (CL)</b> . Damp, Moderate Yellowish Brown (10YR 5/4) and Pale Yellowish Brown (10YR 6/2), Firm; No Odor.	
(12.5')	B3-13	NA	0.0	CL		
15	B3-15	NA	0.0 0.0	CL		
					Total Borehole Depth = 16 fbg	2.25"
20					Install 3/4"-Dia. Piezometer Casing to Total Depth at 12:30AM. Borehole Dry at 12:35AM.	
25					Depth to groundwater measured in B3 using electronic oil/water interface meter at 12.50 fbg (11.68' TOC) on 6-27-17 @ 7:35AM (No Product); Collect Grab Groundwater Sample B3-GW on 6-27-17 at 11:10AM.	

<p><b>BORING NUMBER: B3</b>  <b>LOCATION:</b> 344 29<sup>th</sup> Street, Oakland, CA  <b>PROJECT No:</b> 2016102  <b>DRILLING CONTRACTOR:</b> EnProbe  <b>DRILLING METHOD:</b> Hand Auger/GeoProbe  <b>DRILLING DATE:</b> June 26, 2017  <b>Logged By:</b> B. Wheeler <b>Checked By:</b> M.Youngkin</p>	<p><b>Legend/Notes:</b>  fbg = feet below grade  ppm = parts per million  ☒ = Lithologic Sample Interval  ☐ = Sample Retained for Laboratory Analysis  ≡ = Measured Depth to Groundwater (Non-Static)  NA = Not applicable</p> <p style="text-align: right;"><b>Wheeler Group Environmental, LLC</b></p>
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## SOIL BORING LOG B4

Depth (fbg)	Recovery/ Sample ID	Blow Counts (#/6")	Organic Vapor (ppm)	USCS Soil Type	Description	Boring Backfill Detail
1					Concrete – Slab Floor (5")	← Concrete (0'-1')
	B4-3	NA	0.0	CL	(1'-2.5') <b>CLAY (CL)</b> . Damp to Moist, Dark Yellowish Brown (10YR 4/2), Soft; No Odor / No Staining; @ 2.5'; 1"-Thick Lense of Gravel.	
			1.1	ML	(2.5'-4.5') <b>SILT (ML)</b> . Damp, Moderate Yellowish Brown (10YR 5/4) and Dark Greenish Gray (5G 4/1), Clayey, Soft; Slight Motor Oil Odor.	
5	B4-5	NA	6.4	SM	(4.5'-7.5') <b>SAND (SM)</b> . Damp, Moderate Yellowish Brown (10YR 5/4) and Moderate Red (5R 5/4), Coarse-Grained w/ Rock Fragments & Gravel, Loose; No Odor / No Staining.	← Neat Portland Cement (1'-19')
			3.6			
			1.3			
			7.2			
	B4-8.5	NA	0.0		(7.5'-19') <b>CLAY (CL)</b> . Damp, Moderate Yellowish Brown (10YR 5/4) and Dark Yellowish Orange (10YR 6/6), Firm; No Odor / No Staining.	
			30.5			
			13.5			
10	B4-10	NA	8.7		@ 9'-9.5'; Same, Change in Color to Moderate Red (5R 5/4), Silty w/ Coarse-Grained Sand	
			0.0			
			0.0	CL		
			0.0			
			0.0			
15	B4-15	NA	0.0		@ 15.5'; Same, Change in Color w/ Dark Greenish Gray (5GY 4/1); Slight Hydrocarbon Odor	
			13.1			
	B4-17	NA	0.0		@ 16'-19'; Same, Change in Color to Moderate Yellowish Brown (10YR 5/4); No Odor/No Staining	
			0.0			
			0.0			
			0.0			
20					Total Borehole Depth = 19 fbg	↔ 2.25"
					Install 3/4"-Dia. Piezometer Casing to Total Depth at 1:15AM. Borehole Dry at 1:20AM.	
					Depth to groundwater measured in B4 using electronic oil/water interface meter at 12.15 fbg (13.79' TOC) on 6-27-17 @ 7:45AM (No Product); Collect Grab Groundwater Sample B4-GW on 6-27-17 at 11:35AM.	
25						

<p><b>BORING NUMBER: B4</b>  <b>LOCATION:</b> 340 29<sup>th</sup> Street, Oakland, CA  <b>PROJECT No:</b> 2016102  <b>DRILLING CONTRACTOR:</b> EnProbe  <b>DRILLING METHOD:</b> Hand Auger/GeoProbe  <b>DRILLING DATE:</b> June 26, 2017  <b>Logged By:</b> B. Wheeler <b>Checked By:</b> M.Youngkin</p>	<p style="text-align: right;"><b>Page 1 of 1</b></p> <p><b>Legend/Notes:</b>  fbg = feet below grade  ppm = parts per million  ☒ = Lithologic Sample Interval  ☐ = Sample Retained for Laboratory Analysis  ≡ = Measured Depth to Groundwater (Non-Static)  NA = Not applicable</p> <p style="text-align: center;"><b>Wheeler Group Environmental, LLC</b></p>
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## SOIL BORING LOG B5

Depth (fbg)	Recovery/ Sample ID	Blow Counts (#/6")	Organic Vapor (ppm)	USCS Soil Type	Description	Boring Backfill Detail
1			0.0		Concrete – Slab Floor (5")	← Concrete (0'-0.5')
(3.20')	B5-3	NA	0.0	CL	(0.5'-6') <b>CLAY (CL)</b> . Moist, Moderate to Dark Yellowish Brown (10YR 5/4, 4/2), Soft; No Odor / No Staining	
5	NR		0.0		@ 3'; Same, w/ Rock Fragments & Gravel	← Neat Portland Cement (0.5'-8')
	B4-7.5	NA	0.0	SM	(6'-8') <b>SAND (SM)</b> . Wet to Saturated, Moderate Yellowish Brown (10YR 5/4), Fine-Grained w/ Rock Fragments & Gravel, Loose; No Odor / No Staining.	
10			0.0		Total Borehole Depth = 8 fbg	↔ 2.25"
					Water in Borehole rose Immediately to 4.5 fbg after extracting drill tubes.	
15		NA	0.0		Depth to water measured in B5 using electronic oil/water interface meter at 3.16 fbg on 6-26-17 @ 4:05PM; 3.20 on 6-27-17 @ 7:42AM (No Product); No Grab Groundwater Sample Collected in boring B5.	
20			0.0			
25			0.0			

**BORING NUMBER: B5**  
**LOCATION:** 340 29<sup>th</sup> Street, Oakland, CA  
**PROJECT No:** 2016102  
**DRILLING CONTRACTOR:** EnProbe  
**DRILLING METHOD:** Hand Auger/GeoProbe  
**DRILLING DATE:** June 26, 2017  
**Logged By:** B. Wheeler **Checked By:** M.Youngkin

**Legend/Notes:**

- fbg = feet below grade
- ppm = parts per million
- ☒ = Lithologic Sample Interval
- ☐ = Sample Retained for Laboratory Analysis
- ≍ = Measured Depth to Groundwater (Non-Static)
- NA = Not applicable

## SOIL BORING LOG B6

Depth (fbg)	Recovery/ Sample ID	Blow Counts (#/6")	Organic Vapor (ppm)	USCS Soil Type	Description	Boring Backfill Detail
1					Concrete – Sidewalk (4.5')	← Concrete (0'-0.5')
5	B6-5	NA	0.0	CL	(0.5'-6') <b>CLAY (CL)</b> . Moist to Wet, Moderate to Dark Yellowish Brown (10YR 5/4, 4/2), Silty, Soft; No Odor / No Staining.	
10	B6-10	NA	0.0	SM	(6'-9.5') <b>SAND (SM)</b> . Damp, Moderate to Dark Yellowish Brown (10YR 5/4, 4/2) w/ Dark Yellowish Orange (10YR 6/6), Fine-Grained with Rock Fragments and Trace Gravel ( $\leq 1/4"$ ); No Odor / No Staining.	← Neat Portland Cement (0.5'-16')
15		NA	0.0	CL	(9.5'-11') <b>SAND (SM)</b> . Damp, Moderate to Dark Yellowish Brown (10YR 5/4, 4/2) and Moderate Red (5R 5/4), Coarse-Grained with Gravel & Rock Fragments, Clayey, Dense; No Odor / No Staining.	
15		NA	0.0	CL	(11'-16') <b>CLAY (CL)</b> . Damp to Moist, Moderate Yellowish Brown (10YR 5/4) and Pale Yellowish Brown (10YR 6/2), Firm; No Odor / No Staining.	
15		NA	0.0		Total Borehole Depth = 16 fbg	↔ 2.25"
20					Install 3/4"-Dia. Piezometer Casing to Total Depth at 1:35PM. Borehole Dry at 1:50PM.	
25					Depth to groundwater measured in B6 using electronic oil/water interface meter at 14.89 fbg (14.35' TOC) on 6-27-17 @ 7:38AM (No Product); Collect Grab Groundwater Sample B6-GW on 6-27-17 at 11:20AM.	

<p><b>BORING NUMBER: B6</b>  <b>LOCATION:</b> 340 29<sup>th</sup> Street, Oakland, CA  <b>PROJECT No:</b> 2016102  <b>DRILLING CONTRACTOR:</b> EnProbe  <b>DRILLING METHOD:</b> Hand Auger/GeoProbe  <b>DRILLING DATE:</b> June 26, 2017  <b>Logged By:</b> B. Wheeler <b>Checked By:</b> M.Youngkin</p>	<p style="text-align: right;"><b>Page 1 of 1</b></p> <p><b>Legend/Notes:</b>  fbg = feet below grade  ppm = parts per million  ☒ = Lithologic Sample Interval  ☐ = Sample Retained for Laboratory Analysis  ≡ = Measured Depth to Groundwater (Non-Static)  NA = Not applicable</p> <p style="text-align: center;"><b>Wheeler Group Environmental, LLC</b></p>
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## SOIL BORING LOG B8

Depth (fbg)	Recovery/ Sample ID	Blow Counts (#/6")	Organic Vapor (ppm)	USCS Soil Type	Description	Boring Backfill Detail
1			0.0		Concrete – Slab Floor (5")	← Concrete (0'-0.5')
			0.0	CL	(0.5'-6.5') <b>CLAY (CL)</b> . Moist, Dark Yellowish Brown (10YR 4/2) to Pale Yellowish Brown (10YR 6/2), Soft; No Odor / No Staining.	
5	B8-5	NA	0.0			← Neat Portland Cement (0.5'-16')
			0.0	SM	(6.5'-13') <b>SAND (SM)</b> . Moist, Moderate Yellowish Brown (10YR 5/4) and Dark Yellowish Orange (10YR 6/6), Fine-Grained with Rock Fragments, Clayey; No Odor / No Staining.	
10	B8-10	NA	0.0		@11'; Same, Grades to Dark Yellowish brown (10YR 4/2).	
	B8-12	NA	0.0			
			0.0	CL	(13'-16') <b>CLAY (CL)</b> . Damp, Pale Yellowish Brown (10YR 6/6) Firm; No Odor / No Staining.	
15	B8-15	NA	0.0			↔ 2.25"
			0.0		Total Borehole Depth = 16 fbg	
20					Install 3/4"-Dia. Piezometer Casing to Total Depth at 9:50AM. Borehole Dry at 10:00AM; Dry at 2:00PM.	
					No Grab Groundwater Sample Collected in boring B8.	
25						

**BORING NUMBER: B8**  
**LOCATION:** 340 29<sup>th</sup> Street, Oakland, CA  
**PROJECT No:** 2016102  
**DRILLING CONTRACTOR:** EnProbe  
**DRILLING METHOD:** Hand Auger/GeoProbe  
**DRILLING DATE:** June 27, 2017  
**Logged By:** B. Wheeler **Checked By:** M.Youngkin

**Legend/Notes:**

- fbg = feet below grade
- ppm = parts per million
- ☒ = Lithologic Sample Interval
- ☐ = Sample Retained for Laboratory Analysis
- ≡ = Measured Depth to Groundwater (Non-Static)
- NA = Not applicable

## SOIL GAS WELL CONSTRUCTION LOG B4-SG

Depth (fbg)	Recovery/ Sample ID	Blow Counts (#/6")	Organic Vapor (ppm)	USCS Soil Type	Description	Soil Gas Probe Construction Detail
1	No Samples		0.0	CL	Concrete - Slab Floor (5")	
					(5'-2') <b>CLAY (CL)</b> . Moist, Dark Yellowish Brown (10YR 4/2) to Pale Yellowish Brown (10YR 6/2), Soft; No Odor / No Staining.	
5	B4-SG-6.5	NA	0.0	SM	(2'-5') <b>CLAY (CL)</b> . Damp, Moderate to Dark Yellowish Brown (10YR 5/4, 4/2), Firm; No Odor / No Staining.	
					(5'-6.5') <b>SAND (SM)</b> . Damp, Moderate Yellowish Brown (10YR 5/4) and Pale Yellowish Brown (10YR 6/2), Clayey, Fine-Grained w/ Rock Fragments and Gravel; Slight Solvent Odor; No Staining.	
10					Total Borehole Depth = 6.5 fbg Total Soil Gas Well Depth = 6.5 fbg	2.25"
15					Complete Soil Gas Well B4-SG at 3:05PM on 6/26/17; Collect Soil Gas Sample B4-SG-6.5 on 6/27/17 at 1:35PM per DTSC Guidance.	
20						
25						

<p><b>BORING NUMBER: B4-SG</b>  <b>LOCATION:</b> 340 29<sup>th</sup> Street, Oakland CA  <b>PROJECT No:</b> 2016102  <b>DRILLING CONTRACTOR:</b> EnProbe  <b>DRILLING METHOD:</b> GeoProbe  <b>DRILLING/INSTALLATION DATE:</b> June 26, 2017  <b>Logged By:</b> B.Wheeler <b>Checked By:</b> M.Youngkin</p>	<p style="text-align: right;"><i>Page 1 of 1</i></p> <p><b>Legend/Notes:</b>                      fbg = feet below grade                      ppm = parts per million   = Lithologic Sample Interval   = Sample Retained for Laboratory Analysis                      NA = Not applicable</p> <p style="text-align: center;"><b>Wheeler Group Environmental, LLC</b></p>
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**Site Investigation Report  
Mercedes-Benz of Oakland  
340 29<sup>th</sup> Street, Oakland, California**

APN 9-701-9  
Alameda County LOP Case No. RO0003220  
Geotracker Global ID T10000009111

**APPENDIX D**

**ADDITIONAL DOCUMENTATION**

Conditional Approval Letter for Work Plan dated April 17, 2016  
EnProbe Environmental Direct Push Drilling Services Authorization Letter  
Alameda County Public Works Agency – Water Resources Well Permit  
City of Oakland Soil Boring Excavation & Obstruction Permits  
Fluid-Level Monitoring Data Forms  
Non-Hazardous Waste Manifest  
EPA On-line Tools for Site Assessment Calculation  
Soil Gas Sampling Data Form B4-SG-6.5  
Piezometer Survey Data Forms

**Wheeler Group Environmental, LLC**  
369-B Third Street, Suite #221, San Rafael, CA 94901  
Phone: 415-686-8846  
Project no. 2016102



ALAMEDA COUNTY  
**HEALTH CARE SERVICES**  
AGENCY  
REBECCA GEBHART, Interim Director



DEPARTMENT OF ENVIRONMENTAL HEALTH  
LOCAL OVERSIGHT PROGRAM (LOP)  
For Hazardous Materials Releases  
1131 HARBOR BAY PARKWAY, SUITE 250  
ALAMEDA, CA 94502  
(510) 567-6700  
FAX (510) 337-9335

April 17, 2017

Mercedes Benz of Oakland/  
Euro Motors Oakland, Inc.  
Attn: Ash Zaki  
2915 Broadway  
Oakland, CA 94611  
(Sent via email to [ash.zaki@euromotosca.com](mailto:ash.zaki@euromotosca.com))

GAB Associates LLC  
5 W Shore Road  
Belvedere, CA 94920-2461

Geraldine A. Barsotti, Trustee  
5 W Shore Road  
Belvedere, CA 94920

Shirley H. Guthrie  
340 29<sup>th</sup> Street  
Oakland, CA 94609-3401

Jules Barsotti  
2915 Broadway  
Oakland, CA 94611-5710

David Barsotti  
2915 Broadway  
Oakland, CA 94611-5710

Jules M. and Geraldine A Barsotti, Trustees  
2915 Broadway  
Oakland, CA 94611-5710

Jules M. Barsotti  
2915 Broadway  
Oakland, CA 94611-5710

Jules Barsotti and Alfred S. And Margaret G. Hooper  
2915 Broadway  
Oakland, CA 94611-5710

Rose M. Hubler  
340 29<sup>th</sup> Street  
Oakland, CA 94611

Subject: Conditional Work Plan Approval; for Fuel Leak Case No. RO0003220 and GeoTracker Global ID T10000009111, Mercedes Benz of Oakland, 340 29<sup>th</sup> Street, Oakland, CA 94609

Dear Responsible Parties:

Thank you for the *Site Investigation Work Plan* (work plan), dated March 17, 2017, which was submitted on the behalf of Mercedes Benz of Oakland by Wheeler Group Environmental, LLC. The work plan presents plans for collecting soil and groundwater samples from five borings and a soil gas sample from one soil vapor probe to evaluate the lateral extent of the soil and groundwater contamination at the site to determine whether the site is eligible for closure under the State Water Resources Control Board Low-Threat Closure Policy (LTCP). In addition, the work plan includes a preferential pathway analysis, proposes groundwater sampling at the basement of the 2901 Broadway building, and proposes contingency step-out borings for grab-groundwater sampling.

Alameda County Department of Environmental Health (ACDEH) staff has reviewed the case file for this site, including the work plan. The proposed scope of work is conditionally approved and may be implemented provided that the technical comment below is addressed and incorporated during the proposed site investigation activities. Submittal of a revised work plan is not required unless an alternate scope of work outside that described in the work plan and technical comments below is proposed.

**TECHNICAL COMMENT**

**Laboratory Analyses of Soil Gas.** ACDEH requests that volatile organic compounds (VOCs) in soil gas be analyzed using both EPA methods TO-15 and TO-17, as DTSC guidance recommends the use of Method TO-15 for naphthalene analysis (Appendix D, Active Soil Gas Investigations, July 2015, DTSC)

Responsible Parties  
RO0003220  
April 17, 2017  
Page 2

### **SUBMITTAL ACKNOWLEDGEMENT STATEMENT**

Please note that ACDEH has updated its Attachment 1 with regard to report submittals to ACDEH. ACDEH will now be requiring a Submittal Acknowledgement Statement, replacing the Perjury Statement, as a cover letter signed by the Responsible Party (RP). The language for the Submittal Acknowledgement Statement is as follows:

*"I have read and acknowledge the contact, recommendations and/or conclusions contained in the attached document or report submitted on my behalf to ACDEH's FTP server and the State Water Resources Control Board's GeoTracker website."*

Please make this change to your submittals to ACDEH.

### **TECHNICAL REPORT REQUEST**

Please upload technical reports to the ACDEH FTP site (Attention: Anne Jurek), and to the State Water Resources Control Board's GeoTracker website according to the following schedule and file-naming convention:

- **June 19, 2017** – Site Assessment Report  
File to be named: SWI\_R\_yyyy-mm-dd RO3220

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

If you have any questions, please call me at (510) 567-6721 or send me an electronic mail message at [anne.jurek@acgov.org](mailto:anne.jurek@acgov.org). Online case files are available for review at the following website: <http://www.acgov.org/aceh/index.htm>. As your email address does not appear on the cover page of this notification ACEH is requesting you provide your email address so that we can correspond with you quickly and efficiently regarding your case.

Sincerely,

Anne Jurek, M.S., GIT  
Professional Technical Specialist II (Geology)

Attachments: Responsible Party(ies) Legal Requirements/Obligations  
Enclosure: ACDEH Electronic Report Upload (ftp) Instructions

Responsible Parties  
RO0003220  
April 17, 2017  
Page 3

cc:

Paresh Khatri, ACDEH (*Sent via E-mail to: [paresh.khatri@acgov.org](mailto:paresh.khatri@acgov.org)*)

Anne Jurek, ACDEH (*Sent via E-mail to: [anne.jurek@acgov.org](mailto:anne.jurek@acgov.org)*)

Brent Wheeler, Wheeler Group Environmental, LLC; 369-B Third Street, Suite #221, San Rafael, CA 94901 (*Sent via E-mail to: [bwheeler@wheelergroupenvironmental.com](mailto:bwheeler@wheelergroupenvironmental.com)*)

GeoTracker, eFile

## Attachment 1

### Responsible Party(ies) Legal Requirements / Obligations

#### REPORT REQUESTS

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

#### ELECTRONIC SUBMITTAL OF REPORTS

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

#### ACKNOWLEDGEMENT STATEMENT

All work plans, technical reports, or technical documents submitted to ACDEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I have read and acknowledge the content, recommendations and/or conclusions contained in the attached document or report submitted on my behalf to ACDEH's FTP server and the SWRCB's GeoTracker website." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

#### PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6731, 6735, and 7835) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately licensed or certified professional. For your submittal to be considered a valid technical report, you are to present site-specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this case meet this requirement. Additional information is available on the Board of Professional Engineers, Land Surveyors, and Geologists website at: <http://www.bpelsg.ca.gov/laws/index.shtml>.

#### UNDERGROUND STORAGE TANK CLEANUP FUND

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

#### AGENCY OVERSIGHT

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

<b>Alameda County Environmental Cleanup Oversight Programs (LOP and SCP)</b>	<b>REVISION DATE:</b> December 1, 2016
	<b>ISSUE DATE:</b> July 5, 2005
	<b>PREVIOUS REVISIONS:</b> October 31, 2005; December 16, 2005; March 27, 2009; July 8, 2010, July 25, 2010; May 15, 2014, November 29, 2016
<b>SECTION:</b> Miscellaneous Administrative Topics & Procedures	<b>SUBJECT:</b> Electronic Report Upload (ftp) Instructions


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

## REQUIREMENTS

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

RO#\_Report Name\_Year-Month-Date (e.g., RO#5555\_WorkPlan\_2005-06-14)

## Submission Instructions

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

# ENPROBE

INCORPORATED  
ENVIRONMENTAL DIRECT PUSH  
DRILLING SERVICES

PO BOX 6093, OROVILLE, CA 95966  
PHONE (530) 589-2019 CELL (530) 693-0219

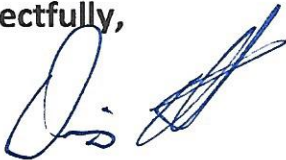
June 7, 2018

To City of Oakland Permit Department

Re: Excavation and Obstruction Permits

On behalf of Enprobe, Inc. I, Dennis Ott, President of Enprobe, Inc. give permission to Brent Wheeler of Wheeler Group Environmental LLC to secure all permits required for the approved drilling work at Mercedes Benz of Oakland located at 2915 Broadway, Oakland, California under our California State License, C57 - # 1012248.

Respectfully,



Dennis Ott  
President

## CITY OF OAKLAND BUSINESS TAX CERTIFICATE

ACCOUNT  
NUMBER  
00072039

The issuing of a Business Tax Certificate is for revenue purposes only. It does not relieve the taxpayer from the responsibility of complying with the requirements of any other agency of the City of Oakland and/or any other ordinance, law or regulation of the State of California, or any other governmental agency. The Business Tax Certificate expires on December 31st of each year. Per Section 85.04.190A, of the O.M.C. you are allowed a renewal grace period until March 1st the following year.

BUSINESS LOCATION  
ENPROB ENVIRONMENTAL PROBING  
105 LOMA VISTA DR  
OROVILLE, CA 95966-9105

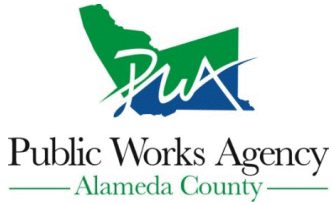


EXPIRATION DATE  
12/31/2017

BUSINESS TYPE  
H

NAME  
ENPROB ENVIRONMENTAL PROBING

# Alameda County Public Works Agency - Water Resources Well Permit



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

Application Approved on: 06/15/2017 By jamesy

Permit Numbers: W2017-0502  
Permits Valid from 06/27/2017 to 06/28/2017

Application Id: 1497475496070  
Site Location: 340 29th Street Along Webster Street Frontage  
Project Start Date: 06/27/2017  
Assigned Inspector: Contact Marcelino Vialpando at (510) 670-5760 or Marcelino@acpwa.org

City of Project Site:Oakland

Completion Date:06/28/2017

Applicant: Wheeler Group Environmental, LLC - Brent  
Wheeler  
369-B Third Street, Suite #221, San Rafael, CA 94901  
Phone: 415-686-8846

Property Owner: Ash Zaki  
2915 Broadway, Oakland, CA 94611  
Phone: 415-793-9970

Client: \*\* same as Property Owner \*\*  
Contact: Brent Wheeler  
Phone: 415-686-8846  
Cell: 415-686-8846

Receipt Number: WR2017-0276 Total Due: \$265.00  
Total Amount Paid: \$265.00  
Payer Name : Wheeler Group Environmental Paid By: VISA  
LLC PAID IN FULL

## Works Requesting Permits:

Borehole(s) for Geo Probes-Sampling 24 to 72 hours only - 8 Boreholes  
Driller: EnProbe, Inc. - Lic #: 1012248 - Method: DP

Work Total: \$265.00

### Specifications

Permit Number	Issued Dt	Expire Dt	# Boreholes	Hole Diam	Max Depth
W2017-0502	06/15/2017	09/25/2017	8	2.25 in.	15.00 ft

### Specific Work Permit Conditions

1. Backfill bore hole by tremie with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind or with compacted cuttings. All cuttings remaining or unused shall be containerized and hauled off site. The containers shall be clearly labeled to the ownership of the container and labeled hazardous or non-hazardous.
2. Boreholes shall not be left open for a period of more than 24 hours. All boreholes left open more than 24 hours will need approval from Alameda County Public Works Agency, Water Resources Section. All boreholes shall be backfilled according to permit destruction requirements and all concrete material and asphalt material shall be to Caltrans Spec or County/City Codes. No borehole(s) shall be left in a manner to act as a conduit at any time.
3. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.
4. Applicant shall contact assigned inspector listed on the top of the permit at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.
5. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all material or waters generated during drilling, boring destruction, and/or other activities associated with this Permit will be safely handled,

## Alameda County Public Works Agency - Water Resources Well Permit

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

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

7. NOTE:

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

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

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

---



Permits for which no major inspection has been required.



- SL and X permits valid 90 days
- CGS permit valid 30 days

CHECK REVERSE →

# CITY OF OAKLAND

## DEPT OF PUBLIC WORKS 4th FLOOR

250 FRANK H. OGAWA PLAZA • 2ND FLOOR • OAKLAND, CA 94612

Planning and Building Department  
www.oaklandnet.com

To schedule inspection  
Email: [pwa\\_inspections@oaklandnet.com](mailto:pwa_inspections@oaklandnet.com) or call 510-238-3651

PH: [REDACTED]  
 FAX: [REDACTED]  
 TDD: [REDACTED]

Filed Date: 6/14/2017

Permit No: X1700677 OPW - Excavation

Job Site: 340 29TH ST

Parcel No: 009 070100900

District:

**Project Description:** Soil boring(s) on \_\_\_\_\_. No impact on traffic lane or sidewalk allowed. Ensure that environmental controls are in place to prevent dust/debris/waste water from contaminating environment. If working within 25' feet of a monument you must comply with State Law 8771, contact the Inspector prior to starting excavation: minimum \$5,800.00 fine for non-compliance. Comply with all terms of City of Oakland Public Works Standards, Street Excavation Rules, Revised March 2015 and City Council Ordinance No. 13300 C.M.S. Five day prior notice required for work lasting five days or less in business/commercial districts; 72 hour notice in residential districts. Ten day prior notice required for work lasting six days or more in all districts. Call PWA INSPECTION prior to start: 510-238-3651. email PWA\_inspections@oaklandnet.com. Contact:

For SL; X; and CGS permits see **SPECIAL NOTE** below

**Related Permits:**

	Name	Applicant	Address	Phone	License #
Owner:	GAB ASSOCIATES LLC		5 W SHORE RD BELVEDERE, CA		
Contractor:	ENPROBE INC	X	OAKLAND, CA	530-589-2019	
Contractor:	ENPROBE INC		P O BOX 6093 DROVILLE, CA	(530) 589-2245	1012248

**PERMIT DETAILS:** Building/Public Infrastructure/Excavation/NA

**General Information**

Excavation Type: Private Party Special Paving Detail Required: [REDACTED] Tree Removal Involved: [REDACTED]  
 Date Street Last Resurfaced: [REDACTED] Holiday Restriction (Nov 1 - Jan 1): [REDACTED]  
 Worker's Compensation Company Name: [REDACTED] Limited Operation Area (7AM-9AM) And (4PM-6PM): [REDACTED]  
 Worker's Compensation Policy #: [REDACTED]

**Key Dates**

Approximate Start Date: [REDACTED]  
 Approximate End Date: [REDACTED]

**TOTAL FEES TO BE PAID AT FILING: \$649.09**

Application Fee	\$70.00	Excavation - Private Party Type	\$322.36	Records Management Fee	\$37.18
Technology Enhancement Fee	\$20.55				

Plans Checked By \_\_\_\_\_ Date \_\_\_\_\_ Permit Issued By *[Signature]* Date 6-14-17

**SPECIAL NOTE** Finalized By \_\_\_\_\_ Date \_\_\_\_\_

- SL; X; and CGS permits: prior to start, email [pwa\\_inspections@oaklandnet.com](mailto:pwa_inspections@oaklandnet.com) or call 510-238-3651
- SL and X permits valid 90 days
- CGS permit valid 30 days

Permits for which no major inspection has been required by the City of Oakland.



- SL and X permits valid 90 days
- CGS permit valid 30 days

**CHECK REVERSE** →

**CITY OF OAKLAND**

**DEPT OF PUBLIC WORKS 4th FLOOR**

**250 FRANK H. OGAWA PLAZA • 2ND FLOOR • OAKLAND, CA 94612**

Planning and Building Department  
www.oaklandnet.com

**To schedule inspection**  
**Email: pwa\_inspections@oaklandnet.com or call 510-238-3651**

PH: 510-238-3651  
FAX: 510-238-3651  
TDD: 510-238-3651

Filed Date: 6/14/2017

Permit No: OB1700793 Obstruction

Job Site: 340 29TH ST

Sc: [Redacted]

Parcel No: 009 070100900

**For SL; X; and CGS permits see SPECIAL NOTE below**

District:

**Project Description:** Reserve 5 NON-METERED parking space(s) in front of parcel only for dumpster, construction vehicle, moving van or storage pod. Post No-parking signs 72 hours prior in residential areas. No impact on traffic lane or sidewalk allowed. No-parking signs picked up by applicant after payment, 4TH FLOOR. To Have Illegally Parked Vehicle Ticketed Call 510-777-3333. Applicant arranges towing. Comply with terms set forth in CVC Section 22651 (m). For Towed Vehicle: Call 510-238-3021.  
Contact:

**Related Permits:**

Name	Applicant	Address	Phone	License #
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<b>Owner:</b>	GAB ASSOCIATES LLC	5 WISHORE RD BELVEDERE, CA		
<b>Contractor:</b>	ENPROBE INC	OAKLAND, CA	530-589-2019	
<b>Contractor:</b>	ENPROBE INC	P O BOX 6093 OROVILLE, CA	(530) 589-2245	1012248

ADDRESS

**PERMIT DETAILS: Building/Public Use/Activity/Obstruction**

**Work Information**

Start Date: 06/26/2017	Obstruction Permit Type: Short Term (Max 14 Days)
End Date: 06/27/2017	Number of Meters (Metered Area): 4
	Length of Obstruction (Unmetered Area):

**TOTAL FEES TO BE PAID AT FILING: \$386.21**

Application Fee	\$70.00	Records Management Fee	\$29.32	Short Term Meter	\$238.68
Technology Enhancement Fee	\$16.21				

Plans Checked By \_\_\_\_\_ Date \_\_\_\_\_ Permit Issued By \_\_\_\_\_ Date 6-14-17  
 Finalized By \_\_\_\_\_ Date \_\_\_\_\_

APPLICATION

# CITY OF OAKLAND

P.O. BOX 6093 OROVILLE, CA 95961 (530) 589-2245

**SPECIAL NOTE**

- SL; X; and CGS permits: prior to start, email pwa\_inspections@oaklandnet.com or call 510-238-3651
- SL and X permits valid 90 days
- CGS permit valid 30 days



# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No.	Manifest Document No. <b>071817001</b>	2. Page 1 of 1
3. Generator's Name and Mailing Address <b>340 -344 29th St Oakland, CA 94609</b>				
4. Generator's Phone ( )				
5. Transporter 1 Company Name <b>Big Sky Enterprises</b>	6. US EPA ID Number <b>CA1000301639</b>	A. State Transporter's ID		
		B. Transporter 1 Phone		
7. Transporter 2 Company Name	8. US EPA ID Number	C. State Transporter's ID		
		D. Transporter 2 Phone		
9. Designated Facility Name and Site Address <b>Big Sky Enterprises 401 W. Channel Rd Benicia, CA 94510</b>		10. US EPA ID Number <b>CA1000301631</b>	E. State Facility's ID	
		F. Facility's Phone <b>800-479-7993</b>		
11. WASTE DESCRIPTION		Containers		13. Total Quantity
		No.	Type	14. Unit Wt./Vol.
a. Non Hazardous Waste Solid (Drill cuttings) <sup>55 gal</sup> 1001 DM 300 P				
b. Non Hazardous Waste Liquid (Wash Water) 10 gal 001 DM 9 G				
c.				
d.				
G. Additional Descriptions for Materials Listed Above		H. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information  <b>Wear PPE                      Emergency Contact: Jeff Rhodes</b>				
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.				
Printed/Typed Name		Signature		Date
				Month Day Year <b>7/18/17</b>
17. Transporter 1 Acknowledgement of Receipt of Materials				
Printed/Typed Name		Signature		Date
<b>Jeff Rhodes</b>				Month Day Year <b>7/18/17</b>
18. Transporter 2 Acknowledgement of Receipt of Materials				
Printed/Typed Name		Signature		Date
				Month Day Year
19. Discrepancy Indication Space				
20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.				
Printed/Typed Name		Signature		Date
<b>Jeff Rhodes</b>				Month Day Year <b>7/18/17</b>

NON-HAZARDOUS WASTE GENERATOR

TRANSPORTER FACILITY

# EPA On-line Tools for Site Assessment Calculation

## Hydraulic Gradient -- Magnitude and Direction

**Gradient Calculation** from fitting a plane to as many as thirty points

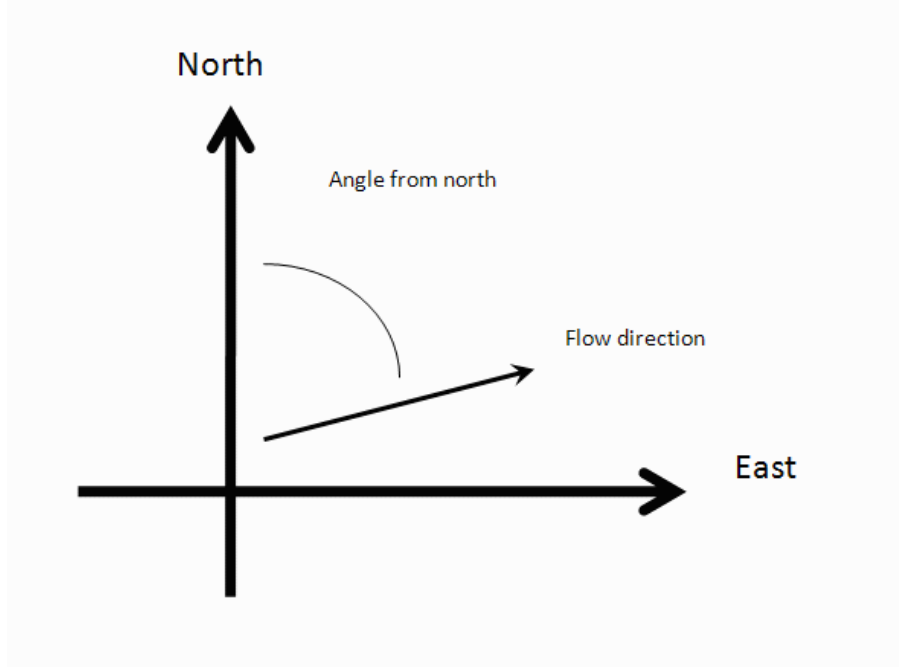
$$\begin{aligned}
 a x_1 + b y_1 + c &= h_1 \\
 a x_2 + b y_2 + c &= h_2 \\
 a x_3 + b y_3 + c &= h_3 \\
 &\dots \\
 a x_{30} + b y_{30} + c &= h_{30}
 \end{aligned}$$

where  $(x_i, y_i)$  are the coordinates of the well and  $h_i$  is the head

$i = 1, 2, 3, \dots, 30$

The coefficients  $a$ ,  $b$ , and  $c$  are calculated by a least-squares fitting of the the data to a plane

The gradient is calculated from the square root of  $(a^2 + b^2)$  and the angle from the arctangent of  $a/b$  or  $b/a$  depending on the quadrant



### Inputs

Site Name

Date

Calculation basis

Coordinates

I.D.	x-coordinate	y-coordinate	head	ft
1) B1	14	36	30.71	
2) B2	9	31	30.91	
3) B3	17	22	30.09	
4) B4	22	28	28.72	
5) B6	16	15	25.93	
6)				
7)				
8)				
9)				
10)				
11)				
12)				
13)				
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15)				
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21)				
22)				
23)				
24)				
25)				
26)				
27)				
28)				
29)				
30)				

**Results**

Number of Points Used in Calculation	5
Max. Difference Between Head Values	1.518
Gradient Magnitude (i)	0.2115
Flow direction as degrees from North (positive y axis)	155.0
Coefficient of Determination ( $R^2$ )	0.713

WCMS

Last updated on 2/23/2016

Golden Gate Tank Removal, Inc.

Soil Gas Sampling Data Form

Project #: 2016102 Date: 6/27/2017
Soil Gas Boring/Sample ID: B4-SG-6.5 / B4-SG-6.5 DUP Weather Conditions/Temp: Sunny/65F
B4-SG SHROUD
Project/Site Address: Mercedes-Benz of Oakland, 340 29th Street, Oakland
Technician/Sampler: Brent Wheeler (WGE)

Building Survey:

Vacant: Occupied: Yes Occupant: Mercedes-Benz of Oakland
Business: Former Service Department/Garage
Foundation: Slab on Grade
Floor/Pavement Description: Concrete Floor (Garage Location)
Floor Penetrations: Existing vehicle exhaust plug in ports for subsurface exhaust vacuum piping system (@ 2-2.5 fbg); no surface cracks
HVAC System: Existing

Chemical Inventory:

Product Description: Garage Location - None Present Quantity: PID Reading:
Product Description: Quantity: PID Reading:
Product Description: Quantity: PID Reading:
Product Description: Quantity: PID Reading:
Product Description: Quantity: PID Reading:
Product Description: Quantity: PID Reading:

Probe Construction:

Construction Date & Time: 6/26/2017 & 1305 Borehole Construction: GeoProbe Hand Auger
Slab Thickness (Inches): 4 Sub-Slab Conditions: Soft to Firm Clay (0.5'-5'); Clayey Sand/Rock (5'-6.5')
Borehole Dia. (Inches): 2.25 Borehole Depth Below Slab (Inches): 78
Borehole Prelim. PID Reading (PPM): 0 Borehole Prelim. Vacuum Reading ("Hg): NA
Total Length of 0.25"-Dia. Teflon Tubing (Ft): 9

Soil Vapor Sampling Equipment Record:

1 Liter (S/P) S 6 Liter (S/P) p
Glass Syringe:
Sample Canister Serial#: A7563 Sample Canister Initial Vacuum ("Hg): 30
DUP Sample Canister Serial#: N1431 Sample Canister Initial Vacuum ("Hg): 30
Purge Canister Serial#: 533 Purge Canister Initial Vacuum ("Hg): 29
Leak Check Canister Serial#: 6126 Leak Check Canister Initial Vacuum ("Hg): 30
Flow Regulator Serial#: 5678989 Filter Micron Size (µ): 2

Vacuum Testing (10 Minutes):

Purge Canister Initial Vacuum ("Hg): 29 Start: 12:35
Purge Canister Final Vacuum ("Hg): 29 Finish: 12:45

Purge Record (Tubing & Borehole Filter Pack):

Purge Volume:
235 ml (borehole) + 5.4 ml / linear foot (tubing) x 9 feet tubing= 283.6 ml Volume
x 3 Volumes= 850 ml Volume
Purge Time: 850 ml Volume / 100 ml/min.= 8.5 min.
Canister Purge Drop: 850 ml Volume x 1"Hg/ 200 ml= 4.25 "Hg
Purge Canister Initial Vacuum ("Hg): 29 minus Canister Purge Drop 4.25 "Hg =
Final Purge Vacuum ("Hg): 24.75 "Hg
Purge Time: Start 12:45 Finish 13:10 Total (Min.) 25

No Change in Purge Vacuum: No Sample Collected Using Summa Canisters

Vapor Sampling Record:

Sample Canister Initial Vacuum ("Hg): 30 Sample Canister Final Vacuum ("Hg): NA (5" Hg Target)
DUP Sample Canister Initial Vacuum ("Hg): 30 Sample Canister Final Vacuum ("Hg): NA (5" Hg Target)
Leak Check Canister Initial Vacuum ("Hg): 30 Sample Canister Final Vacuum ("Hg): NA (5" Hg Target)
Sample Time: Start NA Finish NA Total (Min.) NA

**Golden Gate Tank Removal, Inc.**

*Soil Gas Sampling Data Form*

**Soil Gas Boring/Sample ID:**

**B4-SG-6.5/B4-SG-6.5 DUP**

**Date:**

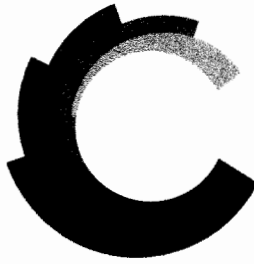
6/27/2017

**Shroud Enclosure VOC Monitoring:**

Time: _____	PID Reading (PPM): _____
Time: _____	PID Reading (PPM): _____
Time: _____	PID Reading (PPM): _____
Time: _____	PID Reading (PPM): _____
Time: _____	PID Reading (PPM): _____
Time: _____	PID Reading (PPM): _____
Time: _____	PID Reading (PPM): _____
Time: _____	PID Reading (PPM): _____
Time: _____	PID Reading (PPM): _____
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Time: _____	PID Reading (PPM): _____
Time: _____	PID Reading (PPM): _____
Time: _____	PID Reading (PPM): _____
Time: _____	PID Reading (PPM): _____
Time: _____	PID Reading (PPM): _____

Notes: Max. PID Reading of Interior Shroud During Sampling @ NA ppm; Leak Check Compound = IPA





WHEELER GROUP ENVIRONMENTAL, LLC  
 369-B Third Street, Suite #221, San Rafael, California 94901  
 Ph 415-686-8846

**SURVEY DATA SHEET**

Project No: 2016102 Date: 6-27-17  
 Client: MERCEDES-BENZ OF OAKLAND  
 Site Location: 344 29<sup>TH</sup> ST., OAKLAND  
 Surveyor: B. WHEELER Instrument: TOPCON RL20

STATION/ WELL	+ B.S. (feet)	H.I. (feet)	- F.S. (feet)	ELEV. (feet)	Comments
A	5' 9 7/16"	45.797		~ 40'	
B1 TOC			4' 10 12/16"	40.90	
B1 GR			4' 1 1/16"	41.66	
B2 TOC			5' 0"	40.80	
B2 GR			4' 4 1/2"	41.42	
B3 TOC			5' 7 1/4"	40.19	
B3 GR			4' 9 1/2"	41.01	
B4 TOC			5' 7 11/16"	40.16	
B4 GR			5' 8 13/16"	40.06	
B5 GR			5' 9 1/16"	39.99	
B6 TOC			5' 8 1/16"	40.13	
B6 GR			5' 1 13/16"	40.65	

Source and Description of Bench Mark/Arbitrary Datum: SOUTH CURB RETURN (RED PAINT) TOP OF DRIVEWAY TO TOLL-UP DOOR ACCESS TO M30 SHOWROOM PARKING GARAGE (STATION A) w/ ASSUMED ELEVATION OF 40'

Measurements Referenced To: TOC      GRADE      OTHER      Page 1 of 1

A 5' 9 7/16" ✓