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**PHASE II ENVIRONMENTAL INVESTIGATION REPORT  
AND SUPPLEMENTAL INVESTIGATION WORKPLAN**

For the Site Located at:

**2145 35<sup>TH</sup> AVENUE  
OAKLAND, CALIFORNIA 94601**

Prepared for:

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August, 2012

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## EXECUTIVE SUMMARY

This Phase II environmental investigation report (report) is for the former gasoline service station located at 2145 35<sup>th</sup> Avenue, Oakland, California (Figure 1). The scope of work documented in this report includes the following:

- Removal of the car maintenance pit;
- Removal of the hydraulic lift;
- Removal of the dispenser island and associated piping;
- Drilling of fifteen soil borings with soil and groundwater sampling and analysis;
- Installation and closing of 4 temporary piezometers; and
- Drilling and sampling of four monitoring wells

The primary purpose of this Phase II Environmental Investigation has been to assess the nature as well as the vertical and lateral extent of the petroleum hydrocarbon and metal contamination in the soil and groundwater at the subject site.

In late 2011 and early 2012, all onsite features were removed. These features included the building onsite; car maintenance pit; hydraulic lift; fuel dispenser island; and piping. Between January and August 2012, EEC has completed the drilling and sampling of fifteen borings and four monitoring wells at the subject site. Based on the analytical findings to date the following conclusions and recommendations are presented:

### SOIL FINDINGS

- Based on the borings drilled and logged in 2007 and 2012, the site lithology was explored to a maximum depth of 20 feet below ground surface (bgs). Three borings BH5, BH9, and BH12 were drilled deeper with dual casing to 35.5 feet, 37.5 feet, and 30 feet bgs respectively. These borings revealed the depth of the fill material at between approximately 2 to 7 feet bgs. The fill was mottled, very dark gray (almost black) sandy clay with some traces of gravel. A brown to grayish brown clay was logged beneath the fill, except some intermingling layers of silty sands and gravel. The soil boring logs are presented in Appendix G. Cross Sections are presented in Figures 15 through 19.
- Fuel Oxygenates, Lead scavengers, and chlorinated hydrocarbons were not detected in the soil (Table 11).
- Of the BTEX compounds, benzene was either non-detected or below the most conservative ESL for residential land use. Ethylbenzene was detected above ESL at 6.4 mg/kg and total xylenes was detected at 6.15 mg/kg in sample BH5-8 (Table 10 and Figure 8).

- Shallow soil samples analyzed for lead near the surface, at 0.5 foot to 1.0 foot bgs, detected less than 400 mg/kg, the HUD level for soil in residential setting (Table 13). Lead concentrations exceeded the ESL for residential land use of 200 mg/kg in only two locations; in the borehole for the temporary piezometer P4 and in Boring BH5. Nickel was detected at levels between 40 mg/kg and 1,000 mg/kg; exceeding the ESL for residential land use of 150 mg/kg in several locations (Table 13).
- TPHg, TPHd, and Naphthalene exceeded their respective ESLs for residential land use in soil near or downgradient from the former sources (USTs, piping, and dispenser island). Tables 1, 10, and 18 summarize the petroleum hydrocarbons in soil.
- Figure 9 delineates the approximate area onsite where soil concentrations of petroleum hydrocarbons exceed the ESLs. The shallow soil impact with petroleum hydrocarbons, between 5 and 10 feet bgs is spotty and limited to the area near the sources (USTs, piping, and dispenser island). Petroleum hydrocarbons impact to soil, below shallow groundwater, deeper than 10 feet bgs, is likely due to the impacted groundwater (Table 10).

## GROUNDWATER FINDINGS

Depth to groundwater measured in the four monitoring wells was between 10 and 11 feet below top of casing. No second water bearing zone was encountered below 30 feet bgs. Water was encountered in boring BH5 at a depth of 25 to 27 feet bgs. No deeper groundwater than 20 feet bgs was encountered in the other two borings, BH9 and BH12, drilled to a maximum depths of 37.5 feet and 30 feet bgs respectively.

The groundwater analytical results from the grab water samples collected from borings P1 through P4 and BH-5 through BH-15 indicated the following:

- Fuel Oxygenates, Lead scavengers, and chlorinated hydrocarbons were not detected in groundwater (Tables 15 and 16). Of the volatile organics, only derivatives of benzene and Naphthalene were detected.
- BTEX; TPHg; TPHd; and TPH as motor oil were detected above their respective ESLs for residential land use at the former locations of USTs, piping, and dispenser island, and downgradient from these sources (Table 14 and Figures 10 and 11).

Laboratory analysis of groundwater samples collected from the monitoring wells indicated the following:

- No floating product was noticed in any of the wells.
- The only noticeable petroleum hydrocarbon impact was detected in monitoring well MW-2, downgradient from the former sources onsite; USTs, piping, and fuel dispenser.



Groundwater from monitoring well MW-2 did exceed the ESL for residential land use for TPHg; TPHd; TPHss; BTEX; and Naphthalene (Figure 13 and Table 20).

- Groundwater samples collected from monitoring well MW-4 did not detect any of the analyzed contaminants (Figure 14, Tables 20 and 21). Due to the non-detected results of the groundwater analysis from MW-4, P1, and BH13, the plume of petroleum hydrocarbons does not extend further northeast towards Salisbury Street. Therefore, there is no indication of an upgradient source impacting groundwater onsite.
- Figure 14 depicts the approximate extent of the petroleum hydrocarbon plume, where at least one of the contaminants exceeded the ESL for residential land use with drinking or non-drinking water scenario.

### **RECOMMENDATIONS**

To expedite the investigation and cleanup at this site and its development into the planned residential property, we recommend the following.

- Since the drilling and sampling to date have been conducted onsite, offsite extent of soil and groundwater impact with the suspect contaminants has not yet been defined. In particular the extent of groundwater impact under the neighboring apartment building to the southwest of the site needs to be defined (Figure 14). Therefore, additional boreholes and monitoring wells need to be drilled onsite and offsite to cover the data gap.
- In conjunction with performing the supplemental subsurface investigation to fully define the extent of soil and groundwater contamination, we recommend completing a feasibility study/ remedial action plan for this site. This plan would be prepared in conjunction with reporting of the supplemental Phase II investigation, or as a separate document. A supplemental Phase II investigation workplan is included at the end of this report.

## 1.0 INTRODUCTION

This Phase II environmental investigation report (report) is for the former gasoline service station located at 2145 35<sup>th</sup> Avenue, Oakland, California (Figure 1). The report is prepared according to the approved workplan titled “Revised Phase II Investigation Workplan” dated June 4, 2010, and its Addendum titled “Addendum I to the Revised Phase II Investigation Workplan”, dated August 26, 2010. The letters of approval for the workplan from Alameda County Environmental Health (ACEH) Services are included in Appendix A. The scope of work documented in this report includes the following:

- Removal of the car maintenance pit;
- Removal of the hydraulic lift;
- Removal of the dispenser island and associated piping;
- Drilling of fifteen soil borings with soil and groundwater sampling and analysis;
- Installation and closing of 4 temporary piezometers; and
- Drilling and sampling of four monitoring wells

The primary purpose of this Phase II Environmental Investigation has been to assess the nature as well as the vertical and lateral extent of the petroleum hydrocarbon and metal contamination in the soil and groundwater at the subject site.

## **1.0 BACKGROUND AND PURPOSE**

Salisbury Avenue Associates LLC purchased the subject site in 2007. The site was unoccupied at the time of purchase. As part of the purchase agreement, the previous owner, Maria Campos, ordered the preparation of a Phase I Environmental Site Assessment (ESA, Brighton, 2006) and subsequently a limited environmental investigation in the vicinity of the former gasoline underground storage tanks (Brighton, 2007a). The limited environmental investigation report was submitted to the City of Oakland Fire Services Agency. After review by the Fire Services Agency, oversight of the project was transferred to ACEH Services.

### **2.1 Phase I Site Assessment**

Based on the Phase I Environmental Site Assessment (Brighton, 2006), an automobile repair and fueling station operated at the Site from the 1930s until early 1970s (Figure 2). An iron fence and grating company used the facility between late 1970s and approximately 1990. Interviews with a former owner of the iron fence company revealed that two 500-gallon gasoline underground storage tanks (USTs) were removed in approximately 1984; however no records of the removal could be located at the City of Oakland or Alameda County. The Phase I ESA also identified that an attempt was made in 1999 to locate and remove a waste oil UST from the site. Although a closure permit and excavation were undertaken, the waste oil UST could not be located. Inspection of the site during the Phase 1 ESA revealed the presence of an auto maintenance pit in the rear garage and a hydraulic lift (Figure 2).

The Phase I ESA also revealed that the neighboring property along 35th Avenue to the southwest might have been used as a dry cleaner between the 1950s through the 1970s.

### **2.2 Limited Environmental Investigation at the UST location**

To facilitate the sale of the property, a limited environmental investigation was conducted at the location of the former USTs (Brighton, 2007b). The UST location was identified by the iron grating company owner and by observing patches on the concrete surface. Four borings, B1 through B4, were advanced near the edges of the former tank pit in February 2007 (Figure 2). Soil samples were collected from each boring at the bottom of the pit, as estimated by the boring logs. One boring was advanced to groundwater, and a grab groundwater sample was collected for analysis. Appendix B contains a copy of the boring logs from the 2007 limited investigation.

### 2.2.1 Soil Lithology and PID Readings

The site is located to the west of the Oakland-Berkeley Hills on the East Bay Plain, which slopes gently to the west (Figure 1). The site is located near the range front, and therefore within an area characterized by relatively shallow bedrock and minimal thickness of alluvium. The site is directly situated at the lateral margin of stream channel deposits attributed to the Temescal Formation. These deposits overlie and in the vicinity of the site are laterally adjacent to the Upper Member of the San Antonio formation, consisting of clay, silt sand and gravel (Radbruch, 1969). Helley and Graymer (Helley and Graymer, 1997) portray essentially the same geology, using differing terminology. Both formations are Quaternary in age (formed over the past approximately one million years). Younger relatively thick alluvial deposits characteristic of the East Bay Plain are situated approximately 1,500 feet to the southwest; these deposits thicken as one proceeds further to the southwest towards San Francisco Bay.

Borings drilled in the area identified as the former gasoline tank location in 2007 (Appendix B) revealed the depth and lithology of the fill material up to approximately 5 feet below ground surface (bgs). The fill was mottled, very dark gray (almost black) sandy clay with some traces of gravel. It did not appear to be impacted by volatile organic compounds (VOCs) and released no discernible odor. A PID reading of 0.0 parts per million by volume (ppmv) was recorded in this material for Boring B2. A brown to grayish brown clay was logged beneath the fill, except in Boring B4 where the underlying clay was dark greenish-gray. Between 10.5 feet and 13 feet below ground surface (bgs), a wet, clayey to silty sand and gravel were encountered. In Borings B2, B3, and B4 this coarse-grained material extended to the bottom of the borings. In Boring B1 a sharp contrast was observed at approximately 13 feet with a yellowish-brown clay that extended to 20 feet bgs, the maximum depth drilled. No odor or noticeable staining associated with petroleum contamination was associated with this clay unit (a PID reading was not taken).

The encountered strata underlying the site consisted of interbedded laterally discontinuous soils ranging from clay to gravel. Cross sections A-A' through D-D' (located on Figure 15 and respectively shown on Figures 16 through 19) indicate our interpretation of these soil strata. Sections A-A' and C-C' are approximately perpendicular to the regional ground water flow direction, and B-B' and D-D' approximately parallel to the regional flow direction. The paired sections indicate a lack of lateral continuity of strata, and thus the relative absence of continuous permeable strata with the potential to preferentially transmit contaminants within the saturated zone.

PID readings in the soil ranged from 0 to greater than 10,000 ppmv. PID readings above zero were not detected in borings B2 or B3. B1 had a maximum reading of 900 ppmv for a sample collected at 9 feet bgs. B2 had a PID reading of greater than 10,000 ppmv from the sample collected at 7 feet bgs. A strong petroleum odor was noted at the depths where these elevated PID readings were recorded. There was no free product observed. Groundwater was encountered between 10 and 12 feet bgs. See Section 6.1 in the updated Site Conceptual Model for more details on the Geology and Hydrogeology of the site.

### 2.2.2 Laboratory Analytical Results

Soil samples from 9 feet bgs at Boring B1 (Figure 3 and Tables 1 and 2) contained total petroleum hydrocarbons characterized as diesel (TPHd) at 360 milligrams per kilogram (mg/kg); TPH as Stoddard Solvent (TPHss) at 1,200 mg/kg; and TPH as gasoline (TPHg) at 2,100 mg/kg. Samples from 8 feet bgs to 8.5 feet bgs from Borings B2 and B3 contained no petroleum hydrocarbons above laboratory reporting limits, with the exception of TPHd at 1.3 mg/kg. Samples from Boring B4 contained TPHd at 160 mg/kg and TPHg at 17 mg/kg (Table 1). Among the five Leaking Underground Fuel Tank (LUFT) metals, only Nickel (Ni) was detected at a maximum concentration of 260 mg/kg, exceeding the Tier I Environmental Screening Level (ESL) of 150 mg/kg (Table 2).

The grab groundwater sample from Boring B1 contained TPHd at 69,000 microgram per liter ( $\mu\text{g/l}$ ); TPHg at 87,000  $\mu\text{g/l}$ ; TPHss at 71,000  $\mu\text{g/l}$ ; TPHmo 1,800  $\mu\text{g/l}$ ; and benzene at 250  $\mu\text{g/l}$ . No chlorinated VOCs were reported in the groundwater grab sample (Figure 3, Tables 3 and 5). The five LUFT metal concentrations in the grab groundwater sample, collected from boring B1 exceeded the Tier 1 final ESLs (Table 4). The high metal concentrations in the grab groundwater sample could be attributed to the high content of suspended solids or metals, as the water was not filtered before conducting laboratory analysis.

### **3.0 BUILDING DEMOLISHING AND REMOVAL OF ONSITE FEATURES**

To locate site features and sources of contamination for future reference, prior to building demolishing, Paul Canumay, a registered land surveyor, surveyed the building corners; former location of the gasoline UST; former location of the waste oil UST; former locations of the hydraulic lift, car maintenance pit, and dispenser island. Appendix C contains the surveyor's figure.

Prior to building demolishing, the owner of the site obtained the needed permits from the City of Oakland Building Department. In late 2011, the building; the dispenser island; the concrete slabs; the car maintenance pit; and the piping were removed and disposed of or recycled. Known below ground structures include a possible hydraulic lift and maintenance pit (Figure 2).

#### **3.1 Geophysical and Utility Survey**

On December 27, 2011, Cruz Brothers conducted a magnetic and radar ground penetrating survey of the site. As a result, no waste oil UST or live electrical or telephone lines were detected. The gas line crossing the site was located and marked.

#### **3.2 Removal of the Hydraulic Lift, Dispenser Island, Car Maintenance Pit and Piping**

Mr. Keith Matthews of the Oakland Fire Department was contacted prior to the lift removal. On November 11, 2012, Golden Gate Tank Removal of San Francisco removed the hydraulic lift from the site. The lift was a 13-inch diameter by 7.5-foot long cylinder. The lift was drained from its hydraulic oil, washed and rinsed. The oil, along with the wash rinsate, was transferred to a 55-gallon drum. The hydraulic lift cylinder was recycled at Circosta Iron and Metals, Inc, in San Francisco. The oil and rinsate were sent out with a hazardous waste manifest to a regulated facility. The waste manifest and certificate of destruction of the lift are presented in Appendix D.

Following the removal of the hydraulic lift, piping, dispenser island, and car maintenance pit, the concrete slab was removed and sent offsite for recycling at Dutra Materials in Richmond, California.

### 3.3 Sampling and Analysis of Soil from under the Hydraulic Lift, Car Maintenance Pit, and Piping and Dispenser Island

On January 12, 2012, in presence of Mr. Mark Detterman of the ACEH, EEC staff collected the following confirmatory soil samples (Figure 4):

- S-1-5.5 Collected at 5.5 feet bgs from the hydraulic lift excavation
- S-2-7.0 Collected at 7.0 feet bgs from under the former maintenance pit (east)
- S-3-7.0 Collected at 7.0 feet bgs from under the former maintenance pit (west)
- S-4-3.0 Collected at 3.0 feet bgs from under the former dispenser island and piping
- S-5-5.0 Collected at 5.0 feet bgs from under the former dispenser island and piping
- S-6-5.0 Collected at 5.0 feet bgs from under the former dispenser island and piping

All soil samples were collected in 2" brass tubes, capped with Teflon liners and plastic caps to prevent volatiles from escaping. The samples were placed on ice in a cooler at approximately 4° Centigrade. The samples were recorded on a chain of custody and delivered to Curtis and Tompkins Laboratory in Berkeley, California for analysis. The samples were analyzed for the following compounds:

- Total Petroleum Hydrocarbons as Gasoline (TPHg) and Total Petroleum Hydrocarbons as Stoddard Solvent (TPHss) by EPA Method 8015B;
- Total Petroleum Hydrocarbons as Diesel (TPHd) and *Total Recoverable Petroleum Hydrocarbons (TRPH) as Motor Oil and Hydraulic Oil, EPA Method 8015 with silica gel cleanup* by EPA Method 8015B;
- LUFT 5 Metals by EPA Method 6010/7471; and
- Volatile Organics by the GC/MS EPA Method 8260, including lead scavengers and fuel oxygenates

The laboratory report is included in Appendix E. The analytical results are presented in Tables 6 through 9 as follows:

- Table 6 summarizes the soil analytical results for TPHg; BTEX; TPHss; TPHd; PCBs, TEPH as motor oil; and TEPH as hydraulic fluid.
- Table 7 summarizes the soil analytical results for fuel oxygenates and lead scavengers;
- Table 8 summarizes the soil analytical results for volatile organics; and
- Table 9 summarizes the soil analytical results for LUFT five metals

Based on the summarized analytical results in Tables 6 through 9 above, the only compound detected above the ESL for residential land use is nickel (Ni) (Table 9). Highest nickel concentration was 360 mg/kg, in soil sample S-4-3, collected from under the dispenser island and piping (Figure 4) compared to 150 mg/kg for shallow soil ESL.

## 4.0 DRILLING AND SAMPLING OF FIFTEEN BORINGS

Between January and February 2012, a total of 11 soil borings, BH5 through BH15, and 4 temporary piezometers, P1 through P4, were completed to assess the vertical and lateral extent of the soil and groundwater impact with petroleum hydrocarbon constituents (Figure 5). The borings were drilled to a depth of 20 feet bgs, except, three of the borings BH5, BH9, and BH12 were drilled deeper with dual casing to 35.5 feet, 37.5 feet, and 30 feet bgs respectively. The field procedures followed the approved workplan titled “Revised Phase II Investigation Workplan” dated June 4, 2010, and its Addendum titled “Addendum I to the Revised Phase II Investigation Workplan”, dated August 26, 2010. Description of the borings and the sampling and analyses are presented below in the following sections:

### 4.1 Pre-field Activities

Before conducting field drilling and sampling, a drilling permit was obtained from Alameda County Public Works Agency (Appendix F). A health and safety plan was prepared for this job. USA was called and all utilities were located prior to drilling.

### 4.2 Drilling and Sampling of the 20-Foot Borings

The 20-foot deep borings BH6; BH7; BH8; BH10; BH11; BH13; BH14; and BH15 were completed between January 25 and February 8, 2012 (Figure 5). Gregg Drilling drilled these borings using the Geoprobe direct-push drill rig. The first five feet of each boring were drilled using hand auger to avoid impacting any unforeseen utility lines. Sami Malaeb, a Registered Professional Engineer and David Hoexter, a Certified Engineering Geologist, conducted the field sampling and soil logging. 1.5” clear Acetate tubes were inserted in the direct push stainless steel hollow rods to provide continuous soil logging. The soil was continuously logged in each boring using the unified soil classification system. Boring logs are presented in Appendix G.

Soil samples at various depths were collected by cutting a portion of the Acetate tubes. Each sample was capped with Teflon tape and plastic caps on both ends to avoid release of volatiles. One grab groundwater sample was collected from the bottom of each boring, using a decontaminated stainless steel bailer. All soil and groundwater samples were placed on ice in a cooler, accompanied by a chain of custody and sent to Curtis and Tompkins Laboratory in Berkeley for analysis. Subsequently, all borings were filled in place with grout in presence of Vicky Hamlin of Alameda County Public Works Agency.



### 4.3 Drilling and Sampling of the Deeper Borings

Borings BH5, BH9, and BH12 were extended to greater depths with dual casing to 35.5 feet, 37.5 feet, and 30 feet bgs respectively. The objective of these borings was to assess the vertical extent of the soil and groundwater impact with petroleum hydrocarbons and to search for any second water bearing zone. These borings were drilled with direct push classical method to 17 feet of depth using single casing. Each of these borings was further advanced with dual casing to 35.5 feet bgs at boring BH5, 37.5 feet bgs at boring BH9, and 30 feet bgs at boring BH12. Dual casing was used to avoid cross-contamination of the deeper zone from the shallower zone. Further drilling deeper than the indicated depths was not possible due to encountering refusal.

No groundwater was encountered beyond the first water zone, below 20 feet at borings BH9 and BH12. However, water was encountered in boring BH5 at approximately 25 to 27 feet bgs and a second water sample BH5-W1 was collected at this depth. However, the yield of water at 25 to 27 feet bgs was very small, to the extent of barely able to collect a water sample at this depth. No water was encountered within the deeper zone beyond 30 feet in boring BH5. Clay was encountered from 22 feet to the bottom of boring at 35.5' in boring BH5, and between 18 and 32 feet bgs of boring BH9, and 20 to 30 feet of boring BH12. No signs of impact with petroleum hydrocarbons or detected PID reading were noticed beyond approximately 20 feet of depth in any of the deeper borings BH5, BH9, or BH12.

Subsequently, all borings were filled in place with grout in the presence of Vicky Hamlin of Alameda County Public Works Agency.

### 4.4 Drilling, Sampling, and Surveying of Four Temporary Piezometers

On January 25, 2012, Gregg Drilling of Martinez, California, completed four temporary piezometers, P1 through P4. One objective of these temporary piezometers was to collect soil and groundwater samples to assess the extent of the soil and groundwater impact with petroleum hydrocarbons. The other objective was to survey the top of casing for these piezometers and calculate a preliminary groundwater flow direction and gradient (Figure 5).

The temporary piezometers were two-inch borings drilled to 20 feet bgs by direct push drill rig. One-inch diameter casing (5 feet of blank on top and 15 feet of slotted casing for the remaining depth) was inserted in the borehole. The top of the casing was retrofitted with a Christy Street Box, flush with the surface. A professional land surveyor, Paul Canumay, surveyed elevations of the top of casings. Depth to groundwater was measured in all four piezometers and grab ground water samples were collected for analysis. Then, the groundwater flow direction was calculated. The piezometers were then closed by removing the top boxes and pressure grouting with slurried cement in presence of Vicky Hamlin of ACPWA.

In the course of drilling the four borings for the temporary piezometers, soil and groundwater samples were collected from each boring. Each boring was logged according to the unified soil classification system. The same procedures were used to collect the soil and groundwater samples as described in section 4.2.

Based on the surveyed elevations and depth to groundwater in temporary piezometers P1, P2, P3, and P4, more than one groundwater flow direction was concluded, with wide variations (Figure 6). The groundwater flow direction was inconclusive due possibly to not having stabilized water recharge in each boring or due to other unknown factors. However, subsequently, four monitoring wells were installed and surveyed at the site (see section 5.4). Calculation of the groundwater flow direction from the four monitoring wells onsite showed southwesterly groundwater flow direction with a gradient of 0.0076 (0.76 %) (Figure 12).

## 4.5 Laboratory Analysis of Soil Samples

The analytical laboratory results for the soil samples collected from the soil borings are summarized in Tables 10 through 13. The laboratory reports are included in Appendix E.

The Tables summarize the analytical results as follows:

- Table 10 summarizes the soil analytical results for TPHg; BTEX; TPHss; TPHd; PCBs, TEPH as motor oil; and TEPH as hydraulic fluid.
- Table 11 summarizes the soil analytical results for fuel oxygenates and lead scavengers;
- Table 12 summarizes the soil analytical results for volatile organics; and
- Table 13 summarizes the soil analytical results for LUFT five metals.

Figure 8 depicts the petroleum hydrocarbons in soil above ESLs. Figure 9 shows the approximate area where soil impacted with petroleum hydrocarbons in concentrations above ESLs (ESL for residential land use) may be encountered. The vertical extent of the soil impact is between 5 and 16 feet bgs, which is in part below the shallow static water table, approximately 10 bgs. It is noted that the soil impact is not continuous and is concentrated mainly in the proximity of the former sources; former gasoline USTs, piping, and dispenser island, and downgradient from these sources.

The soil analytical results indicated the following:

- Fuel Oxygenates, Lead scavengers, and chlorinated hydrocarbons were not detected in the soil (Table 11).
- Of the BTEX compounds, benzene was not detected in any of the analyzed soil samples. Ethylbenzene was detected above ESL at 6.4 mg/kg and total xylenes was detected at 6.15 mg/kg in sample BH5-8 (Table 10 and Figure 8).
- Shallow soil samples analyzed for lead near the surface, at 0.5 foot to 1.0 foot bgs, detected less than 400 mg/kg, the HUD level for soil in residential setting (Table 13).

Lead concentrations exceeded the ESL for residential land use of 200 mg/kg in only two locations; in the borehole for the temporary piezometer P4 and in Boring BH5. Nickel was detected at levels between 40 mg/kg and 1,000 mg/kg; exceeding the ESL for residential land use of 150 mg/kg in several locations (Table 13).

#### 4.6 Laboratory Analysis of Soil Borehole Water Samples

The analytical laboratory results for the water samples collected from the soil borings are summarized in Tables 14 through 17. The laboratory reports are included in Appendix E.

The Tables summarized the analytical results as follows:

- Table 14 summarizes the groundwater analytical results for TPHg; BTEX; TPHss; TPHd; PCBs, TEPH as motor oil; and TEPH as hydraulic fluid.
- Table 15 summarizes the groundwater analytical results for fuel oxygenates and lead scavengers;
- Table 16 summarizes the groundwater analytical results for volatile organics; and
- Table 17 summarizes the groundwater analytical results for LUFT five metals.

Figure 10 depicts the petroleum hydrocarbons in groundwater. Figure 11 shows the approximate areas where groundwater impacted with petroleum hydrocarbons in concentrations above ESLs (ESL for residential land use) may be encountered. It is noted that the shallow groundwater impact with petroleum hydrocarbons is concentrated mainly in the proximity of the former sources; former USTs, piping, and dispenser island, and downgradient from these sources.

The groundwater analytical results indicated the following:

- Fuel Oxygenates, Lead scavengers, and chlorinated hydrocarbons were not detected in groundwater (Tables 15 and 16). Only derivatives of benzene and Naphthalene were detected.
- BTEX; TPHg; TPHd; and TPH as motor oil were detected above their respective ESLs at the former locations of USTs, piping, and dispenser island, and downgradient from these sources (Table 14 and Figures 10 and 11).
- No second water bearing zone was encountered below 30 feet bgs. A secondary water-bearing zone was encountered in boring BH5 at a depth of 25 to 27 feet bgs. No deeper groundwater than 20 feet bgs was encountered in the other two borings, BH9 and BH12, drilled to maximum depths of 37.5 feet and 30 feet bgs respectively.

## 5.0 Monitoring Well Installation and Sampling

On July 3, 2012, Gregg Drilling of Martinez, California, completed the installation of four monitoring wells, MW-1 through MW-4, at the subject site (Figure 12). Sami Malaeb, a Registered Professional Engineer and David Hoexter, a Certified Engineering Geologist, conducted the field sampling and soil logging. The wells were installed according to the approved workplan titled "Revised Phase II Investigation Workplan" dated June 4, 2010, and its Addendum titled "Addendum I to the Revised Phase II Investigation Workplan", dated August 26, 2010. With the approval of ACEH, monitoring wells MW-2 and MW-3 were installed with 4-inch casing rather than 2-inch casing due to their locations near or downgradient from the sources (USTs, Dispenser Island, and piping). The objective of installing the 4-inch casing wells rather than 2-inch casing wells was to be able to pump additional impacted water during purging and remove any encountered floating product. Monitoring wells MW-1 and MW-4, located upgradient or cross gradient from the sources, were installed with 2-inch casing.

### 5.1 Pre-Field Activities

Before conducting field drilling and sampling, a drilling permit was obtained from Alameda County Public Works Agency (Appendix F). A health and safety plan was prepared for this job. USA was called and all utilities were located prior to drilling.

### 5.2 Monitoring Well Drilling and Construction

A California-licensed drilling contractor, Gregg Drilling, drilled the four wells using hollow stem augers powered by a Geoprobe drill rig. Eight (8)-inch diameter hollow stem augers were used to drill the 2-inch wells MW-1 and MW-4. 10-inch diameter hollow stem augers were used to drill the 4-inch wells MW-2 and MW-3. Based on depth to water encountered onsite during the borehole drilling at approximately 12 to 14 feet bgs and the soil lithology, wells MW-1, MW-3, and MW-4 were completed to a depth of 18 feet bgs. Well MW-2 was terminated 2 feet shallower than the other three wells (MW-1, MW-3, and MW-4) due to low permeable barrier (Clayey soil) encountered at 15.5 to 16'. The soil was logged according to the unified soil classification system and well logs were generated. Appendix H contains the well logs and construction diagrams. The soil was screened by using a PID. Soil samples in 1.5 foot sections, were collected for lithology description at 5 foot intervals. Selected samples were collected for laboratory analysis, based on visual observations and PID readings. The soil samples for laboratory analysis, collected in brass tubes, covered with Teflon liners and capped. The samples were labeled, placed on blue ice in an ice chest, and delivered to a California State

Department of Health Services Certified Laboratory, Curtis & Tompkins in Berkeley, under a chain-of-custody for analysis. The samples were analyzed for the following compounds:

- Total Petroleum Hydrocarbons as Gasoline (TPHg) by EPA Method 8015B;
- Total Petroleum Hydrocarbons as Stoddard Solvent (TPHss) by EPA Method 8015B;
- Total Petroleum Hydrocarbons as Diesel (TPHd) by EPA Method 8015B;
- Volatile Organics by the GC/MS EPA Method 8260, *Total Recoverable Petroleum Hydrocarbons (TRPH), 8015 EPA Method; and*
- LUFT 5 Metals by EPA Method 6010/7471 (with filtering before analysis).

The monitoring wells were constructed of standard 2-inch and 4-inch diameter, Schedule 40 Polyvinyl Chloride (PVC) factory slotted well screen and blank riser casing. 0.010-inch slotted well screen sections were used for construction of the wells. The screened casing interval extended from approximately 8 to 16 feet bgs in MW-2 (8 feet of screen) and 8 to 18 feet bgs in MW-1, MW-3, and MW-4 (10 feet of screen). A locking compression plug and threaded PVC bottom cap were installed at the top and bottom of the well, respectively. Filter pack, consisting of No. 2/12 silica sand, was placed within the annular space between the PVC casing and borehole as the auger sections are withdrawn from the borehole. Filter sand was extended approximately 1.5 feet above the upper limit of the screened well section to the bottom of the well. 1.5 feet of hydrated bentonite chips were placed above the annular filter pack. The remainder of the annular space was filled with neat Portland cement grout. A monitoring well box was placed directly over the monitoring well casing and secured in place with concrete (Appendix H). Vicky Hamlin of Alameda County Public Works Agency witnessed the well seal.

### 5.3 Monitoring Well Development

On July 6, 2012, at least 72 hours following completion of the well installation activities, Dysert Environmental, under the supervision of EEC Professional Engineer, Sami Malaeb, developed the wells. The well development logs are presented in Appendix I. The depth to water in the wells was measured and recorded. Subsequently each well was surged along the entire water column interval for approximately 20 to 30 minutes, using a surge block. Well development continued by purging each well up to approximately 10 casing volumes of groundwater from the well, using a submersible pump and polyethylene tubing, and continuing until the well water is relatively free of turbidity and suspended fines, or purged dry. The well purge water was transferred to 55-gallon, DOT-approved, steel drums, which were temporarily stored onsite pending transport and disposal to a licensed facility.

## 5.4 Professional Well Elevation and Location Survey

A Land Surveyor licensed in the State of California, Paul Canumay, surveyed the elevation of the top of casing (TOC) of the newly installed monitoring wells relative to the North American Vertical Datum of 1988 (NVD88). In addition, the latitude, longitude, and coordinates of the well locations were surveyed relative to the North American Datum of 1983 (NAD83). Subsequently the survey data were uploaded to the State Water Resources Control Board's GeoTracker Database System. The well survey data are included along with the well development and sampling logs in Appendix I. Calculation of the groundwater flow direction from the four monitoring wells onsite showed southwesterly groundwater flow direction with a gradient of 0.0076 (0.76 %) (Figure12). Well Data are presented below:

Well ID	Casing Diameter (in)	Well Total Depth (ft)	*Depth To Water (ft)	**Top of Casing Elevation (ft)	Top Of Water Elevation (ft)	**Latitude	**Longitude
MW-1	2	18	10.13	94.21	84.08	37°47'06.48443"	122°12'57.70283"
MW-2	4	16	10.92	94.43	83.51	37°47'05.63024"	122°12'57.19320"
MW-3	4	18	11.01	94.61	83.60	37°47'06.04906"	122°12'57.13431"
MW-4	2	18	10.85	94.91	84.06	37°47'06.31762"	122°12'57.09313"

\*Depth to water was measured on 07/18/2012 \*\* Survey was conducted on 07/06/2012

## 5.5 Groundwater Sampling Activities

The wells were purged and sampled on July 9, 2012. Dysert Environmental, under the supervision of EEC Professional Engineer, Sami Malaeb, performed the well purging and sampling. The well sampling logs are presented in Appendix I. The depth to water in the wells was measured and recorded after removing the well caps and letting the wells stabilize for approximately 15 minutes. Subsequently each well was purged of at least three casing volumes and until conductivity, temperature, and pH stabilized. The well purge water was transferred to 55-gallon, DOT-approved, steel drums, which were temporarily stored onsite pending transport and disposal to a licensed facility.

After purging the well, groundwater samples were collected. The water samples were discharged directly into laboratory cleaned 40-milliliter volatile organic analysis (VOA) vials with HCL preservative 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 capped, they were inverted to ensure there is no headspace or entrapped air bubbles. The groundwater VOAs were labeled and placed in a cooler chilled to approximately 4°C. Equipment wash and rinse water were transferred to a 55-gallon storage drum. The drum was sealed with a steel lid and labeled. Other containers, amber jars, one liter plastic bottles, were

obtained from the laboratory and filled with water from the bailer for the TPHd, TPH-mo, and LUFT-Five-Metal analysis.

The water samples were placed on ice, in an ice cooler, accompanied by a completed chain of custody. The samples were sent to Curtis & Tompkins Laboratory in Berkeley to be analyzed for the following:

- Total Petroleum Hydrocarbons as Gasoline (TPHg) by EPA Method 8015B;
- Total Petroleum Hydrocarbons as Stoddard Solvent (TPHss) by EPA Method 8015B;
- Total Petroleum Hydrocarbons as Diesel (TPHd) by EPA Method 8015B;
- Volatile Organics by the GC/MS EPA Method 8260, MTBE, BTEX, and Naphthalene (no other chlorinated organics were considered for analysis due to the fact that all previous results from sampling the boreholes did not detect chlorinated solvents);
- Total Recoverable Petroleum Hydrocarbons (TRPH), EPA Method 8015; *and*
- LUFT 5 Metals by EPA Method 6010/7471 (with filtering before analysis).

## 5.6 Soil Samples Laboratory Results from the Well Borings

The laboratory report is included in Appendix E. Laboratory analysis of soil samples collected from the well boreholes indicated the following:

- The analysis of soil samples collected from the boreholes for monitoring wells MW-1 and MW-4 did not detect any TPHg; TPHd; TPHss; BTEX; Naphthalene; or MTBE. The only compound exceeding the ESL for residential land use with drinking water scenario was Nickel (Tables 18 and 19).
- The analysis of soil samples collected from the borehole for monitoring well MW-3 did not detect any TPHg; TPHd; TPHss; BTEX; or MTBE. The only compounds exceeding the ESL for residential land use with drinking water scenario were Naphthalene and Nickel (Tables 18 and 19).
- The analysis of soil samples collected from the borehole for monitoring well MW-2 did exceed the ESL for residential land use with drinking water scenario for TPHg; TPHd; TPHss; BTEX; Nickel; and Naphthalene. (Tables 18 and 19).

## 5.7 Groundwater Samples Laboratory Results from the Monitoring Wells

The laboratory report is included in Appendix E. Laboratory analysis of groundwater samples collected from the monitoring wells indicated the following (Appendix E):

- Floating product was not observed in any of the wells.



- The only noticeable petroleum hydrocarbon impact was detected in monitoring well MW-2, downgradient from the former sources onsite; USTs, piping, and fuel dispenser. Groundwater from monitoring well MW-2 exceeded the ESL for residential land use with drinking water scenario for TPHg; TPHd; TPHss; BTEX; and Naphthalene (Figure 13 and Table 20).
- Petroleum hydrocarbon concentrations in groundwater samples collected from monitoring MW-2 were considerably lower than from nearby temporary piezometer P2. Groundwater from P2 detected TPHg at 49,000 µg/l and TPHd at 3,100 µg/l compared to groundwater from MW-2 detecting TPHg at 3,800 µg/l and TPHd at 1,200 µg/l respectively (Figures 10 and 13 and Tables 14 and 20).
- Similarly, petroleum hydrocarbons in groundwater samples collected from monitoring MW-1 were significantly lower than from nearby boring BH14. Groundwater from BH14 detected TPHg at 1,300 µg/l and TPHd at 4,000 µg/l compared to non-detected TPHg and TPHd in MW-2 (Figures 10 and 13). However, the detection of TPHg, TPHss, and TPHd in boring BH14 exhibits chromatographic pattern, which does not resemble standard. It is likely that the well development and purging of MW-1 resulted in the removal of some trapped petroleum hydrocarbons in groundwater in the area of BH14 and MW-2. Therefore, it is unlikely that any significant groundwater impact exists in the area of the waste oil UST (Figures 10 and 13 and Tables 14 and 20).
- Groundwater sample collected from monitoring well MW-4 did not detect any of the analyzed contaminants (Figure 14, Tables 20 and 21). Due to the non-detected results of the groundwater analysis from MW-4, P1, and BH13, the plume of petroleum hydrocarbons does not extend further northeast towards Salisbury Street. Therefore, there is no indication of an upgradient source impacting groundwater onsite.
- Figure 14 depicts the approximate extent of the petroleum hydrocarbon plume, where at least one of the contaminants exceeded the ESL for residential land use with drinking or non-drinking water scenario.

## 5.8 Waste Management

A total of seven (7) soil cutting drums and four (4) purge water drums were generated from the drilling and sampling activities onsite. These drums were shipped offsite to a regulated facility by Icon Environmental, accompanied by waste manifests. A copy of the manifest is included in Appendix K.



## 6.0 UPDATED SITE CONCEPTUAL MODEL

This updated Site Conceptual Model presents a summary of the current understanding of the geologic and hydrogeologic conditions; suspected contaminant sources; analytical findings to date; potential migration pathways; and potential receptors. This understanding forms the basis for the development and rationale of the recommended additional investigation activities and remedial action.

Since the only sampling and analysis of soil and groundwater at this site were from borings and monitoring wells drilled onsite, data gaps of analytical results to adequately define the contamination extent in offsite soil and groundwater still exist. Further revision and update of this Site Conceptual Model will be added in the future, after completing the offsite soil and groundwater characterization.

### 6.1 Geology and Hydrogeology

The site is located to the west of the Oakland-Berkeley Hills on the East Bay Plain, which slopes gently to the west. The site is located near the range front, and therefore within an area characterized by relatively shallow bedrock and minimal thickness of alluvium. The site is directly situated at the lateral margin of stream channel deposits attributed to the Temescal Formation. These deposits overlie and in the vicinity of the site are laterally adjacent to the Upper Member of the San Antonio formation, consisting of clay, silt sand and gravel (Radbruch, 1969). Helley and Graymer (Helley and Graymer, 1997) portray essentially the same geology, using differing terminology. Both formations are Quaternary in age (formed over the past approximately one million years). Younger relatively thick alluvial deposits characteristic of the East Bay Plain are situated approximately 1,500 feet to the southwest; these deposits thicken as one proceeds further to the southwest towards San Francisco Bay.

Based on the borings drilled and logged in 2007 and 2012 (Appendices B and G), the site lithology was explored to a maximum depth of 20 feet bgs. Three borings BH5, BH9, and BH12 were drilled deeper with dual casing to 35.5 feet, 37.5 feet, and 30 feet bgs respectively. These borings revealed the depth of the fill material at between approximately 2 to 7 feet. The fill was mottled, very dark gray (almost black) sandy clay with some traces of gravel. A brown to grayish brown clay was logged beneath the fill, except some intermingling layers of silty sands and gravel.

The encountered strata underlying the site consisted of interbedded laterally discontinuous soils ranging from clay to gravel. Cross sections A-A' through D-D' (located on Figure 15 and respectively shown on Figures 16 through 19) indicate our interpretation of these soil strata. Sections A-A' and C-C' are approximately perpendicular to the regional ground water flow direction, and B-B' and D-D' approximately parallel to the regional flow direction. The paired sections indicate a lack of lateral continuity of strata, and thus the relative absence of

continuous permeable strata with the potential to preferentially transmit contaminants within the saturated zone.

The site is located in the East Bay Plain Subbasin. From 1860 to 1930, before water was imported into the area, groundwater from the East Bay Plain was the major water supply of the East Bay. By the late 1920's, the groundwater supply was too small to meet the growing population and the wells often became contaminated or impacted by saltwater intrusion. By 1929, the East Bay Municipal Utility District (EBMUD) provided imported water to East Bay communities via the Mokelumne Aqueduct. This high-quality, reliable supply soon eliminated the need for local groundwater wells (Conestoga-Rovers & Associates, 2008). In 1996, the Regional Board reviewed General Plans for Oakland and other communities. The Board found that Oakland and most other cities did not have any plans to develop local groundwater resources for drinking water, due to existing or potential saltwater intrusion, contamination, or poor or limited quality (Regional Water Quality Control Board, San Francisco Bay Region, June 1999).

Throughout most of the East Bay Plain, in the region of the site, surface elevation contours show a slope from the east towards the west to southwest (Figure 1). Calculation of the groundwater flow direction from the four monitoring wells onsite showed southwesterly groundwater flow direction with a gradient of 0.0076 (0.76 %) (Figure 12).

## 6.2 Well Survey

Review of documentation provided by EDR and Alameda County Public Works Agency, Well Section, in June 2012 for the property revealed no public drinking water wells or environmental monitoring wells within 1/4 mile of the site.

Telephone interviews with staff at the Peralta Hacienda Historical Park indicate that a water well was located at or near that property between approximately 1821 and the 1890s. The well is no longer evident, although bricks from the well have been identified during archeological exploration at the park. Based on the age of the well, it was likely installed by hand (shallow well) and was not, to the knowledge of park staff, officially closed (Brighton, 2007c).

## 6.3 Conduit and Subsurface Utility Survey

The purpose of this survey is to assess whether any of the subsurface utilities forms a preferential pathway (vertical or lateral) for the contaminants onsite or whether such utilities or conduits intercept, interfere with, or deviate the groundwater flow.

The conduit study consisted of the following:

- Reviewing records at the City of Oakland Department of Public Works and Building Department;
- Marking the site by Underground Services Alert (USA);
- Hiring a professional utility locator to perform a magnetic and a Ground Penetrating Radar survey; and
- Onsite observation and inspection.

The results of the survey are documented in Figure 20. These results are as follows:

- The former or existing water, electrical, and gas lines onsite and offsite are less than three feet bgs. Since the depth to groundwater is at least 10 feet bgs, these utility lines are unlikely to interfere with or affect the groundwater flow direction or preferential pathway for groundwater.
- The nearest storm water inlet is located approximately 300 feet from the site and at a depth of less than 5 feet bgs. The storm water line is unlikely to influence the groundwater flow.
- The sewer main on 35<sup>th</sup> Avenue is located at a depth of 10 to 12 feet bgs. This line is located crossgradient to downgradient and may have some influence on affecting the groundwater flow or be a preferential pathway (Figure 20).

#### 6.4 Identified Sources of Contamination

The identified primary sources of contamination at this site are as follows (Figure 2):

- Two former 500-gallon USTs, used to contain gasoline fuel;
- the associated piping and gasoline dispenser island;
- a former 500-gallon waste oil UST;
- a former hydraulic lift; and
- a former car maintenance pit

The identified secondary sources of contamination at this site are the impacted soil and groundwater. As mentioned earlier in this report all the identified primary sources of contamination onsite have been removed.

## 6.5 Identified Contaminants of Concerns (COCs) and Maximum Concentrations

The table below contains the contaminants of concern (COCs) and their maximum concentrations in soil and groundwater. These values are based on the drilling and sampling of borings and monitoring well onsite to date, through July 2012.

COCs	Maximum Concentration in Soil (mg/kg)	Maximum Concentration in Grab Groundwater Sample (µg/l)
TPH as Gasoline	2,100	87,000
TPH as Stoddard Solvent	1,200	71,000
TPH as Diesel	870	69,000
TPH as Motor Oil	570	1,800
Benzene	<2.5	570
Toluene	<2.5	130
Ethylbenzene	28	1,600
Total Xylenes	27.5	787
Naphthalene	7.2	1,200
Cadmium	0.54	29*
Chromium	810	7,400*
Lead	310	1,200*
Nickel	1,000	8,700*
Zinc	130	3,900*
Volatile Organics by EPA Method 8260	--	Only benzene derivatives and Naphthalene are detected. No chlorinated hydrocarbons are detected.

\*These maximum metal concentrations in groundwater are in the grab groundwater sample collected in 2007 from boring B1. These high metal concentrations are likely due to unfiltering the water before analysis and high total solid content. The groundwater samples collected from the monitoring wells tested either non-detected for the five LUFT metals or below the ESL for residential land use with drinking water scenario.

## 6.6 Potential Exposure Pathways and Receptors

The potential exposure pathways and Receptors are presented below:

Potential Pathway	Potential Receptors	Comments
Vapor intrusion to indoor air (inhalation route)	Occupants of the future building onsite	Complete pathway.
Contaminant leaching from soil to groundwater	End users of groundwater and terrestrial (nonhuman) receptors	Complete pathway.
Shallow groundwater leaching to deeper groundwater	Groundwater and end users of groundwater	Incomplete pathway due to the fact the subsurface investigation did not identify leaching of water or contamination below 30 feet bgs.
Shallow groundwater possible discharging to surface water	Nearby Creek and Ultimately ecological receptors	Incomplete pathway due to the fact that Peralta Creek is located upgradient to crossgradient from the site and at a distance of approximately 700 feet. No other surface water discharge is observed from the site.
Direct contact with the soil	Onsite workers and others	Complete pathway.
Gross contamination concerns (nuisance, odors, etc.) and general resource degradation.	Human, other receptors	Complete pathway.

## 6.7 Preliminary Action Levels for Soil and Groundwater

As the subject site will be developed into a residential property, residential land use levels for non-drinking water scenario will be considered as preliminary action levels. The category “Residential Land Use” generally considered adequate for other sensitive uses.

Residential land use with Non-drinking water scenario was considered based on the following:

- Non-leaching of shallow groundwater contaminants from the shallow water zone to the deeper water aquifer. The analytical data to date did not identify soil or groundwater contamination below 30 feet bgs; and
- The groundwater in the area of the site is not considered a current or potential drinking water resource. The Bay Area Water Quality Control Board found that Oakland and most other cities did not have any plans to develop local groundwater resources for drinking water, due to existing or potential saltwater intrusion, contamination, or poor or limited quality (Regional Water Quality Control Board, San Francisco Bay Region, June 1999).

The ESLs for shallow soil and groundwater for residential land use scenario with non drinking water scenario are presented below:

COCs	Soil ESL (mg/kg) *	Groundwater ESL (µg/l)*
TPH as Gasoline	100	210
TPH as Stoddard Solvent	100	210
TPH as Diesel	100	210
TPH as Motor Oil	370	210
Benzene	0.12	46
Toluene	9.3	130
Ethylbenzene	2.3	43
Total Xylenes	11	100
Naphthalene	1.3	24
Cadmium	1.7	0.25
Chromium	--	180
Lead	200	2.5
Nickel	150	8.2
Zinc	600	81
Volatile Organics by EPA Method 8260	--	Only benzene derivatives and Naphthalene are detected. No chlorinated hydrocarbons were detected. No fuel oxygenates or lead scavengers were detected.

\* Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, Table B, Prepared by: California Regional Water Quality Control Board San Francisco Bay Region 1515 Clay Street, Suite 1400, Oakland, California 94612, Interim Final - November 2007, (Revised May 2008)

## 6.8 Extent of Soil and Groundwater Impact

The analytical results from the 2007 and 2012 subsurface investigations indicated the following:

### 6.8.1 Extent of Soil Impact

- Except benzene derivatives and Naphthalene, volatile organics, fuel oxygenates, and lead scavengers were not detected in the soil at this site.
- TPHg, TPHd, BTEX, and Naphthalene exceeded their respective ESLs for residential land use with non-drinking water scenario in soil near or downgradient from the former sources (USTs, piping, and dispenser island). Tables 1, 10, and 18 summarize the

petroleum hydrocarbons in soil. Figure 9 delineates the approximate area onsite where soil concentrations of petroleum hydrocarbons exceed the ESLs.

- Of the five LUFT metals, Nickel exceeded its ESL for residential land use with non-drinking water scenario (Tables 2, 13, and 19).
- Lead exceeded its ESL only in two locations (Table 13). However, none of the shallow soil lead concentrations exceeded the HUD level for residential use of 400 mg/kg.

### 6.8.2 Extent of Groundwater Impact

- As for the soil, except benzene derivatives and Naphthalene, volatile organics, fuel oxygenates, and lead scavengers were not detected in the groundwater at this site.
- TPHg, TPHd, BTEX, and Naphthalene exceeded their respective ESLs for residential land use with non-drinking water scenario in groundwater near or downgradient from the former sources (USTs, piping, and dispenser island). Tables 3, 14, and 20 summarize the petroleum hydrocarbons in groundwater. Figure 14 delineates the approximate area onsite where groundwater concentrations of petroleum hydrocarbons exceed the ESLs.
- Of the five LUFT metals, Nickel slightly exceeded its ESL for residential land use with non-drinking water scenario (Table 17).

## 6.9 Data Gap

Since the drilling and sampling to date have been conducted onsite, offsite extent of the soil and groundwater impact with the suspect contaminants is yet to be defined. In particular the extent of groundwater impact under the neighboring apartment building to the southwest of the site needs to be defined (Figure 14). Therefore, additional boreholes and monitoring wells need to be drilled and sampled, onsite and offsite, to cover the data gap. Further details regarding the additional proposed borings and wells are included in the workplan in this report.

## 7.0 CONCLUSIONS AND RECOMMENDATIONS

In late 2011 and early 2012, all onsite features were removed. These features included the building onsite; car maintenance pit; hydraulic lift; fuel dispenser island; and piping. Between January and August 2012, EEC has completed the drilling and sampling of fifteen borings and four monitoring wells at the subject site. Based on the analytical findings to date the following conclusions and recommendations are presented:

### 7.1 CONCLUSIONS

#### SOIL FINDINGS

- Based on the borings drilled and logged in 2007 and 2012, the site lithology was explored to a maximum depth of 20 feet bgs. Three borings BH5, BH9, and BH12 were drilled deeper with dual casing to 35.5 feet, 37.5 feet, and 30 feet bgs respectively. These borings revealed the depth of the fill material at between approximately 2 to 7 feet bgs. The fill was mottled, very dark gray (almost black) sandy clay with some traces of gravel. A brown to grayish brown clay was logged beneath the fill, except some intermingling layers of silty sands and gravel. The soil boring logs are presented in Appendix G. Cross Sections are presented in Figures 15 through 19.
- Fuel Oxygenates, Lead scavengers, and chlorinated hydrocarbons were not detected in the soil (Table 11).
- Of the BTEX compounds, benzene was either non-detected or below the most conservative ESL for residential land use. Ethylbenzene was detected above ESL at 6.4 mg/kg and total xylenes was detected at 6.15 mg/kg in sample BH5-8 (Table 10 and Figure 8).
- Shallow soil samples analyzed for lead near the surface, at 0.5 foot to 1.0 foot bgs, detected less than 400 mg/kg, the HUD level for soil in residential setting (Table 13). Lead concentrations exceeded the ESL for residential land use of 200 mg/kg in only two locations; in the borehole for the temporary piezometer P4 and in Boring BH5. Nickel was detected at levels between 40 mg/kg and 1,000 mg/kg; exceeding the ESL for residential land use of 150 mg/kg in several locations (Table 13).
- TPHg, TPHd, and Naphthalene exceeded their respective ESLs for residential land use in soil near or downgradient from the former sources (USTs, piping, and dispenser island). Tables 1, 10, and 18 summarize the petroleum hydrocarbons in soil.



- Figure 9 delineates the approximate area onsite where soil concentrations of petroleum hydrocarbons exceed the ESLs. The shallow soil impact with petroleum hydrocarbons, between 5 and 10 feet bgs is spotty and limited to the area near the sources (USTs, piping, and dispenser island). Petroleum hydrocarbons impact to soil, below shallow groundwater, deeper than 10 feet bgs, is likely due to the impacted groundwater (Table 10).

## GROUNDWATER FINDINGS

Depth to groundwater measured in the four monitoring wells was between 10 and 11 feet below top of casing. No second water bearing zone was encountered below 30 feet bgs. It appears minor trapped water was encountered in boring BH5 at a depth of 25 to 27 feet bgs. No deeper groundwater than 20 feet bgs was encountered in the other two borings, BH9 and BH12, drilled to a maximum depths of 37.5 feet and 30 feet bgs respectively.

The groundwater analytical results from the grab water samples collected from borings P1 through P4 and BH-5 through BH-15 indicated the following:

- Fuel Oxygenates, Lead scavengers, and chlorinated hydrocarbons were not detected in groundwater (Tables 15 and 16). Of the volatile organics, only derivatives of benzene and Naphthalene were detected.
- BTEX; TPHg; TPHd; and TPH as motor oil were detected above their respective ESLs for residential land use at the former locations of USTs, piping, and dispenser island, and downgradient from these sources (Table 14 and Figures 10 and 11).

Laboratory analysis of groundwater samples collected from the monitoring wells indicated the following:

- No floating product was noticed in any of the wells.
- The only noticeable petroleum hydrocarbon impact was detected in monitoring well MW-2, downgradient from the former sources onsite; USTs, piping, and fuel dispenser. Groundwater from monitoring well MW-2 did exceed the ESL for residential land use for TPHg; TPHd; TPHss; BTEX; and Naphthalene (Figure 13 and Table 20).
- Petroleum hydrocarbon concentrations in groundwater samples collected from monitoring MW-2 were significantly lower than from nearby temporary piezometer P2. Groundwater from P2 detected TPHg at 49,000 µg/l and TPHd at 3,100 µg/l compared to groundwater from MW-2 detecting TPHg at 3,800 µg/l and TPHd at 1,200 µg/l respectively (Figures 10 and 13 and Tables 14 and 20).
- Petroleum hydrocarbon concentrations in groundwater samples collected from monitoring MW-1 were significantly lower than from nearby boring BH14. Groundwater

from BH14 detected TPHg at 1,300 µg/l and TPHd at 4,000 µg/l compared to non-detected TPHg and TPHd in MW-2 (Figures 10 and 13). However, the detection of TPHg, TPHss, and TPHd in boring BH14 exhibits chromatographic pattern, which does not resemble standard. It is likely that the well development and purging of MW-1 resulted in the removal of some trapped petroleum hydrocarbons in groundwater in the area of BH14 and MW-2. Therefore, it is unlikely that any significant groundwater impact exists in the area of the waste oil UST (Figures 10 and 13 and Tables 14 and 20).

- Groundwater samples collected from monitoring well MW-4 did not detect any of the analyzed contaminants (Figure 14, Tables 20 and 21). Due to the non-detected results of the groundwater analysis from MW-4, P1, and BH13, the plume of petroleum hydrocarbons does not extend further northeast towards Salisbury Street. Therefore, there is no indication of an upgradient source impacting groundwater onsite.
- Figure 14 depicts the approximate extent of the petroleum hydrocarbon plume, where at least one of the contaminants exceeded the ESL for residential land use with drinking or non-drinking water scenario.

## 7.2 RECOMMENDATIONS

To expedite the investigation and cleanup at this site and its development into the planned residential property, we recommend the following.

- Since the drilling and sampling to date have been conducted onsite, offsite extent of soil and groundwater impact with the suspect contaminants has not yet been defined. In particular the extent of groundwater impact under the neighboring apartment building to the southwest of the site needs to be defined (Figure 14). Therefore, additional boreholes and monitoring wells need to be drilled onsite and offsite to cover the data gap. Further details regarding the additional/supplemental proposed borings and wells are included in the workplan in this report.
- In conjunction with performing the supplemental subsurface investigation to fully define the extent of soil and groundwater contamination, we recommend completing a feasibility study/ remedial action plan for this site. This plan would be prepared in conjunction with reporting of the supplemental Phase II investigation, or as a separate document.

## 8.0 SUPPLEMENTAL PHASE II INVESTIGATION WORKPLAN

The intent of this further Phase II Investigation is to supplement the data gap of the already performed onsite subsurface investigation. The objective is to further define the nature as well as the vertical and lateral extent of the soil and groundwater impact with petroleum hydrocarbons and other contaminants onsite and offsite. The following steps will be completed to achieve the objective of the investigation:

Task 1: Drilling and sampling of additional borings;

Task 2: Installation and sampling of additional monitoring wells; and

Task 3: Report preparation.

### 8.1 Drilling and Sampling of Additional Borings

Once this workplan is approved by ACEH, a drilling permit will be obtained and a site-specific health and safety plan will be prepared for this job. USA will be called and all utilities will be located prior to drilling. An encroachment permit will be obtained from the City of Oakland. An estimated twelve (12) soil borings, BH16 through BH27, will be installed to further assess the vertical and lateral extent of the soil and groundwater impact with petroleum hydrocarbon constituents (Figure 21). Description of the borings and the sampling and analyses are presented below in the following sections.

#### 8.1.1 Rational and Objective of the Boring Locations

The objective and rational for the boring locations are as follows (Figure 21):

- Boring BH16 will be drilled between already completed borings P1 and BH15 to assess the extent of the plume in the northeast direction.
- Borings BH17 and BH18 will be drilled between completed borings P2 and BH10 to assess the impact on the neighboring Apartment building and the lateral extent of the plume.
- Borings BH19, BH20, and BH21 will be located near the former waste oil UST to determine the extent of the possible hydrocarbon second plume.

- Borings BH22, BH23, and BH24 will be drilled offsite downgradient to crossgradient of the sources onsite (USTs, dispenser Island, and piping) to evaluate the lateral extent of the plume.
- Boring BH25 will be drilled adjacent to the neighboring Apartment building to determine the impact on the groundwater under this building. Drilling and location of BH25 will depend on the analytical results from borings BH17 and BH18.
- Borings BH26 and BH27 will be drilled to further define the extent of the soil and groundwater impact in front of the apartment building and school. Drilling and sampling of borings BH26 and BH27 will depend on the analytical findings from borings BH17, BH18, and BH25. Should groundwater analytical results be non-detect to non-significant from borings BH17, BH18, and BH25, drilling of borings BH26 and BH27 may not be necessary.

Location change of any boring or needed step out borings will be discussed and agreed upon with ACEH.

### 8.1.2 Drilling Method and Sampling Description

From drilling borings BH5 through BH15 in early 2012, depth to groundwater was measured to be 10 to 11 feet bgs. The proposed soil borings BH16 through BH27 will be drilled to approximately 15 to 20 feet bgs. Drilling will be conducted with a direct push Geoprobe™ drilling rig. Standard procedures will be the same as described in the original workplan for this site “Revised Phase II Investigation Workplan” dated June 4, 2010, and its Addendum titled “Addendum I to the Revised Phase II Investigation Workplan”, dated August 26, 2010.

Soil will be collected continuously for logging by using a core barrel lined with clear acetate sample tubes. Soil will be logged according to the Unified Soil Classification System (USCS) and a boring log will be generated for each boring. Soil samples will be screened onsite with the use of a PID to determine the presence of organic compounds. Prior to field use, the PID will be calibrated according to the manufacturer’s specifications.

Soil samples for laboratory analysis will be collected in 2.0-inch diameter by 6-inch long brass tubes or by cutting a portion of the acetate tube. Soil samples will be collected if soil staining or elevated PID reading is encountered. All samples will be labeled, placed on blue ice in an ice chest, and delivered to a California Department of Health Services certified laboratory for analysis, under a chain-of-custody.

Groundwater samples will be collected from the first encountered groundwater by using the screen point sampler.

### 8.1.3 Laboratory Analysis

The soil and groundwater samples to be collected from borings BH16 through BH27 (Figure 21) will be analyzed for the fuel constituents as follows:

- Total Petroleum Hydrocarbons as Gasoline (TPHg) by EPA Method 8015B;
- Total Petroleum Hydrocarbons as Diesel (TPHd) and TPH-Mo by EPA Method 8015B;
- Total Petroleum Hydrocarbons as Stoddard Solvent (TPHss) by EPA Method 8015B;
- Volatile Organics by the GC/MS EPA Method 8260. Only BTEX, Naphthalene, and MTBE will be analyzed for due to the fact that the remaining volatile organics were not detected in the borings drilled to date at this site; and
- LUFT five metals (Cr, Cd, Pb, Ni, and Zn). The groundwater samples to be analyzed for metals will be collected in unpreserved bottles to be filtered by the laboratory before analysis.

## 8.2 Drilling and Sampling of Additional Monitoring Wells

To expedite the additional site characterization, following the completion of the borings and obtaining the analytical findings, we propose the installation of additional monitoring wells. We expect to install the wells within two to three weeks from completing the additional borings. The location and number of these wells will depend on the analytical findings from the proposed borings. Approximately five to six additional wells are anticipated. The number and location of these wells will be discussed and agreed upon with ACEH.

### 8.2.1 Pre-Field Activities

Prior to drilling the wells, a drilling permit will be obtained. A Health and Safety Plan will be prepared for the job. USA Locates will be called to mark the underground utilities in the drilling area. In addition, a private utility locator will be hired to locate the subsurface utilities.

### 8.2.2 Monitoring Well Construction

A California-licensed drilling contractor will drill the well borings with an 8-inch diameter hollow stem auger. The borings will be converted to 2-inch-diameter, groundwater monitoring wells. Based on depth to water encountered onsite at approximately 10 to 11 feet bgs, the proposed total well depth will be approximately 18 feet bgs. Depth of well may be adjusted based on the

field condition encountered during drilling. The soil will be logged according to the unified soil classification system and a well log for each well will be generated. The soil will be screened by using a PID. Soil samples will be collected for laboratory analysis based on field observation and PID readings. The soil samples will be collected in brass tubes, covered with Teflon liners and capped. The samples will be labeled, placed on blue ice in an ice chest, and delivered to a California State Department of Health Services Certified Laboratory, under a chain-of-custody for analysis.

The well Construction Diagram depicting the anticipated construction details of the proposed groundwater monitoring wells will be similar to the wells already drilled onsite (Appendix H). The monitoring wells will be constructed of standard 2-inch diameter, Schedule 40 Polyvinyl Chloride (PVC) factory slotted well screen and blank riser casing. We propose using 0.010-inch slotted well screen sections for construction of the well. 0.01-inch slotted casing is proposed due to the appreciable fines encountered during drilling borings BH5 through BH15 in 2012. The screened casing interval will extend from approximately 8.0 to 18.0 feet bgs (10 feet of screen or less), depending upon field conditions. Blank riser casing will extend from approximately 1.0 to 8.0 bgs (~7 feet of blank casing). A locking compression plug and threaded PVC bottom cap will be installed at the top and bottom of the well, respectively. Filter pack, consisting of No. 2/12 silica sand, will be placed within the annular space between the PVC casing and borehole as the auger sections are withdrawn from the borehole. Filter sand will extend approximately 1.5 feet above the upper limit of the screened well section to the bottom of the well.

Prior to setting the annular well seal, if a sufficient volume of water is present within the borehole, they will be surged by using a 2-inch-diameter surge block to remove native annular fines and settle the sand filter pack. If required, additional sand will be placed within the borehole/well annulus to maintain the proper amount above the well screen. Then approximately 1.5 feet of hydrated bentonite chips will be placed above the annular filter pack up to approximately approximately 5 feet bgs. The remainder of the annular space will be filled with neat Portland cement grout. A monitoring well box will be placed directly over the monitoring well casing and secured in place with concrete, flush to surface grade.

### **8.2.3 Monitoring Well Development**

At least 72 hours following completion of the well installation activities, the wells will be developed to improve the groundwater hydraulic conductivity between the newly introduced sand filter pack and the surrounding native soil. The depth to water in the well will be monitored and recorded and subsequently the well will be surged along the entire water column interval for approximately 20 to 30 minutes, using a surge block. Well development will continue by purging up to approximately 10 casing volumes of groundwater from the well using a diaphragm pump and polyethylene tubing, and continuing until the well water is relatively free of turbidity and suspended fines, or purged dry. The well purge water will be transferred to 55-gallon, DOT-approved, steel drums, which will be temporarily storing them onsite pending transport and disposal to a licensed facility.

#### 8.2.4 Professional Well Elevation and Location Survey

A Land Surveyor licensed in the State of California will survey the grade elevation and the elevation of the top of casing (TOC) of the newly installed monitoring wells relative to the North American Vertical Datum of 1988 (NVD88). In addition, the latitude, longitude, and coordinates of the well locations will be surveyed relative to the North American Datum of 1983 (NAD83). Subsequently the survey data will be uploaded to the State Water Resources Control Board's GeoTracker Database System.

#### 8.2.5 Groundwater Sampling Activities

At least 72 hours following development activities, the depth to water will be measured in the newly installed wells relative to the TOC using an electronic water meter. All measurements will be obtained and recorded with an accuracy of 0.01 foot. Three to four casing volumes of groundwater from the wells will be purged while simultaneously monitoring the pH, temperature and conductivity of the purge water to evaluate groundwater stabilization. The purge water will be transferred to a 55-gallon storage drum.

After purging the well, groundwater samples will be collected by lowering a disposable bailer in the well casing. The water samples will be poured directly into laboratory cleaned 40-millileter volatile organic analysis (VOA) vials with HCL preservative to prevent loss of any volatile constituents. The vials will be filled slowly and in such a manner that the meniscus extends above the top of the VOA vial. After the vials are filled and capped, they will be inverted to insure there is no headspace or entrapped air bubbles. The groundwater VOAs will be labeled and placed in a cooler chilled to approximately 4°C. Equipment wash and rinse water will be transferred to a 55-gallon storage drum. The drum will be sealed with a steel lid and labeled. Other containers will be obtained from the laboratory and filled with water from the bailer for the appropriate analysis. The groundwater sampling will be repeated on a quarterly or semi-annual basis, depending on the regularity agency request, and a report will be generated for each sampling event.

#### 8.2.6 Laboratory Analysis

The collected soil and water samples will be submitted under a chain of custody to a laboratory licensed by the State of California Department of Health Services for chemical analysis. The groundwater and soil samples will be analyzed for the following:

- Total Petroleum Hydrocarbons as Gasoline (TPHg) by EPA Method 8015B;

- Total Petroleum Hydrocarbons as Diesel (TPHd) and TPH-Mo by EPA Method 8015B;
- Total Petroleum Hydrocarbons as Stoddard Solvent (TPHss) by EPA Method 8015B;
- Volatile Organics by the GC/MS EPA Method 8260. Only BTEX, Naphthalene, and MTBE will be analyzed for due to the fact that the remaining volatile organics were not detected in the borings drilled to date at this site.; and
- LUFT five metals (Cr, Cd, Pb, Ni, and Zn). The groundwater samples to be analyzed for metals will be collected in unpreserved bottles to be filtered by the laboratory before analysis.

All associated laboratory analytical data will be reported in Electronic Deliverable Format (EDF) in general accordance with the State Water Resources Control Board's GeoTracker Database System.

### **8.2.7 Waste Management**

All generated soil cuttings and purge water will be stored in labeled 55-gallon drums onsite. The drums will be profiled and disposed of at a regulated disposal facility.



## **9.0 DATA INTERPRETATION/ REPORT PREPARATION**

Following completion of the additional borings and monitoring wells and receiving the analytical data, all field and analytical data will be reviewed and a technical report summarizing the activities, findings, and conclusions of the investigation will be prepared. The report will be submitted electronically to ACEH Department. An update of the conceptual site model will be completed.

## **10.0 GEOTRACKER AB2886 ELECTRONIC SUBMITTAL**

Following receipt of all electronic laboratory analytical reports, the consultant will upload the sample result (EDF) and all Fluid-Level Monitoring Data (GEO\_WELL) to the State GeoTracker Database System, in general accordance with State Assembly Bill 2886. Also, pursuant to the SWRCB Guidance for GeoTracker electronic submission, the boring/well construction log (GEO\_BORE), a site plan (GEO\_MAP), and a copy of the site characterization report (GEO\_REPORT) will be uploaded to the GeoTracker database in PDF format. Upload confirmation forms will be included in the report of findings.

## 11.0 SCHEDULE AND APPROVAL

We anticipate beginning the pre-field activities within 30 days from receiving written approval to proceed from ACEH and client. Drilling and sampling will occur within 30 to 90 days from the permitting approval. The report of findings will be available within 60 days of receipt of all soil and groundwater analytical results and waste disposal.

Thank you for your cooperation. If you have any questions, please call at (925) 858-9608 or email Sami Malaeb at [s.malaeb@comcast.net](mailto:s.malaeb@comcast.net).

All engineering information, conclusions, and recommendations contained in this report and workplan have been prepared by a California Professional Engineer.



Sami Malaeb, P.E.  
Project Manager



I declare under penalty of perjury, that the information and/or recommendations contained in this report and workplan are true and correct to the best of my knowledge.



Salisbury Avenue Associates LLC

Peter Robertson

Property Owner

## 12.0 REFERENCES

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TABLE 1  
SUMMARY OF CHEMICAL ANALYSES FOR TPH AND BTEX  
SOIL CONFIRMATION SAMPLES (02/23/07)  
2145 35<sup>th</sup> Avenue  
Oakland, California

Sample ID	Location	Date Sampled	TEPH as Diesel (mg/kg)	TEPH as Motor Oil (mg/kg)	TPH as Stoddard Solvent (mg/kg)	TPH as Gasoline (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl benzene (mg/kg)	Total Xylenes (mg/kg)
B1@9'	Boring 1 at 9 feet bgs	02/23/07	<b>360</b>	27	<b>1,200</b>	<b>2,100</b>	<b>&lt;0.25</b>	<0.25	<b>28</b>	<0.50
B2@8'	Boring 2 at 8 feet bgs	02/23/07	1.3	<5.0	<1.0	<1.0	<0.0051	<0.0051	<0.0051	<0.0102
B3@8.5'	Boring 3 at 8.5 feet bgs	02/23/07	<1.0	<5.0	<1.0	<1.0	<0.0051	<0.0051	<0.0051	<0.0102
B4@7.5'	Boring 4 at 7.5 feet bgs	02/23/07	<b>160</b>	40	9.7	17	<0.0048	<0.0048	<0.0048	<0.0096
<b>*Tier 1 Environmental Screening Levels (ESLs), Shallow Soils (&lt;3m bgs) Groundwater is Current or Potential Source of Drinking Water (mg/kg) (Table A)</b>										
Residential Land Use			83	370	83	83	0.044	2.9	2.3	2.3
<b>*Tier 1 Environmental Screening Levels (ESLs), Shallow Soils (&lt;3 m bgs) Groundwater is not a Current or Potential Source of Drinking Water (mg/kg) (Table B)</b>										
Residential Land Use			100	370	100	100	0.12	9.3	2.3	11

TEPH = Total extractable petroleum hydrocarbons by EPA Method 8015M

TPH = Total volatile petroleum hydrocarbons by EPA Method 8021B

mg/kg = milligrams per kilogram

bgs = Below ground surface

Bold = Concentration presented in bold where such a value is at or exceeds one of the environmental screening levels (ESLs) listed

\* Screening for Environmental Concerns at Sites  
with Contaminated Soil and Groundwater

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INTERIM FINAL - November 2007

(Revised May 2008)

TABLE 2  
SUMMARY OF CHEMICAL ANALYSES FOR LUFT 5 METALS  
SOIL CONFIRMATION SAMPLES (02/23/07)  
2145 35<sup>th</sup> Avenue  
Oakland, California

Sample ID	Location	Date Sampled	Cadmium (mg/kg)	Chromium (mg/kg)	Lead (mg/kg)	Nickel (mg/kg)	Zinc (mg/kg)
B1@9'	Boring 1 at 9 feet bgs	02/23/07	<0.25	140	9.1	<b>250</b>	37
B2@8'	Boring 2 at 8 feet bgs	02/23/07	<0.25	140	4.2	<b>240</b>	41
B3@8.5'	Boring 3 at 8.5 feet bgs	02/23/07	<0.25	120	4.1	<b>260</b>	38
B4@7.5'	Boring 4 at 7.5 feet bgs	02/23/07	<0.25	120	5.9	<b>250</b>	130
<b>*Tier 1 Environmental Screening Levels (ESLs), Shallow Soils (&lt;3m bgs) Groundwater is Current or Potential Source of Drinking Water (Table A)</b>							
Residential Land Use (drinking water)			1.7	--**	200	150	600
<b>*Tier 1 Environmental Screening Levels (ESLs), Shallow Soils (&lt;3 m bgs) Groundwater is not a Current or Potential Source of Drinking Water (Table B)</b>							
Residential Land Use (non-drinking water)			1.7	--	200	150	600

mg/kg = milligrams per kilogram

bgs = Below ground surface

--\*\* = No established value for total Chromium. Chromium III 750 mg/kg; Chromium IV 8.00 mg/kg

Bold = Concentration presented in bold where such a value is at or exceeds one of the environmental screening levels (ESLs) listed

\* Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater

Prepared by:

California Regional Water Quality Control Board

San Francisco Bay Region

INTERIM FINAL - November 2007

(Revised May 2008)



TABLE 3  
SUMMARY OF CHEMICAL ANALYSES FOR TPH AND BTEX  
GRAB GROUNDWATER SAMPLE (02/23/07)  
2145 35<sup>th</sup> Avenue  
Oakland, California

Sample ID	Location	Date Sampled	TEPH as Diesel (µg/l)	TEPH as Motor Oil (µg/l)	TPH as Stoddard Solvent (µg/l)	TPH as Gasoline (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl benzene (µg/l)	Total Xylenes (µg/l)
B1	Grab Sample from Boring 1	02/23/07	<b>69,000</b>	<b>1,800</b>	<b>71,000</b>	<b>87,000</b>	<b>250</b>	<5.0	<5.0	<10
*Residential land use, drinking water			100	100	100	100	1.0	40	30	20
*Residential, non-drinking water			210	210	210	210	46	130	43	100

µg/l = Micrograms per liter

Bold = Concentration presented in bold where such a value is at or exceeds one of the environmental screening levels (ESLs) listed

\* Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater

Prepared by:

California Regional Water Quality Control Board, San Francisco Bay Region (Tables A and B)

Interim Final - November 2007

(Revised May 2008)

TABLE 4  
SUMMARY OF CHEMICAL ANALYSES FOR LUFT 5 METALS  
GRAB GROUNDWATER SAMPLE (02/23/07)  
2145 35<sup>th</sup> Avenue  
Oakland, California

Sample ID	Location	Date Sampled	Cadmium (µg/l)	Chromium (µg/l)	Lead (µg/l)	Nickel (µg/l)	Zinc (µg/l)
B1	Grab sample from Boring 1	02/23/07	<b>29</b>	<b>7,400</b>	<b>1200</b>	<b>8,700</b>	<b>3,900</b>
*Residential land use, drinking water			0.25	50	2.5	8.2	81
*Residential, non-drinking water			0.25	180	2.5	8.2	81

µg/l = Micrograms per liter

Bold = Concentration presented in bold where such a value is at or exceeds one of the environmental screening levels (ESLs) listed

\*Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater

Prepared by:

California Regional Water Quality Control Board, San Francisco Bay Region

Interim Final - November 2007 (Revised May 2008)

TABLE 5  
SUMMARY OF CHEMICAL ANALYSES FOR VOLATILE ORGANICS BY GC/MS, EPA METHOD 8260  
GRAB GROUNDWATER SAMPLE (02/23/07)  
(ONLY DETECTED COMPOUNDS ARE LISTED)

2145 35<sup>th</sup> Avenue  
Oakland, California

Sample ID	Location	Date Sampled	Acetone (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl -benzene (µg/l)	Total Xylenes (µg/l)	Iso- Propyl- benzene (µg/l)	Propyl- benzene (µg/l)	1,3,5- Trimethyl - benzene (µg/l)	Tert- Butyl- benzene (µg/l)	1,2,4- Trimethyl- benzene (µg/l)	SEC- Butyl- benzene (µg/l)	Para- Isopropyl Toluene (µg/l)	Naphthalene (µg/l)
B1	Grab sample from Boring 1	02/23/07	13	<b>39</b>	3.0	<b>55</b>	9.2	240	430	0.9	15	0.9	29	16	<b>530</b>
*Residential land use, drinking water			1,500	1.0	40	30	20	--	--	--	--	--	--	--	17
*Residential land use, non-drinking water			1,500	46	130	43	100	--	--	--	--	--	--	--	24

µg/l = Micrograms per liter

Bold = Concentration presented in bold where such a value is at or exceeds one of the environmental screening levels (ESLs) listed

-- = No established value listed.

\* Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater (Tables A and B)

Prepared by: California Regional Water Quality Control Board, San Francisco Bay Region, Interim Final - November 2007, (Revised May 2008)

**TABLE 6**  
**SUMMARY OF CHEMICAL ANALYSES FOR TPH, TEPH, PCBs, NAPHTHALENE, AND BTEX**  
**SOIL SAMPLES COLLECTED FROM THE LOCATIONS OF FORMER HYDRAULIC LIFT,**  
**CAR MAINTENANCE PIT, DISPENSER ISLAND, AND PIPING**  
**2145 35<sup>th</sup> Avenue**  
**Oakland, California**

Sample ID	Description	Date Sampled	TPH <sup>(1)</sup> as Gasoline (mg/kg) <sup>(2)</sup>	TPH as Stoddard Solvent (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl benzene (mg/kg)	Total Xylenes (mg/kg)	TEPH <sup>(3)</sup> as Diesel (mg/kg)	TEPH as Motor Oil (mg/kg)	TEPH as Hydraulic Fluid (mg/kg)	Naphthalene (mg/kg)	PCBs (mg/kg)
S-1-5.5'	Soil sample collected at 5.5 feet bgs <sup>(4)</sup> from the hydraulic lift excavation	01/11/12	NA	NA <sup>(5)</sup>	<0.0047	<0.0047	<0.0047	<0.0094	47 (Y) <sup>(6)</sup>	260	330	<0.0047	0.027 <sup>(7)</sup>
S-2-7.0	Soil sample collected at 7.0 feet bgs from under the former maintenance pit (east side)	01/13/12	<1.0	<1.0	<0.0048	<0.0048	<0.0048	<0.0096	<1.0	<5.0	NA	<0.0048	NA
S-3-7.0	Soil sample collected at 7.0 feet bgs from under the former maintenance pit (west side)	01/13/12	<1.0	<1.0	<0.0047	<0.0047	<0.0047	<0.0094	<1.0	<5.0	NA	<0.0047	NA
S-4-3.0	Soil sample collected at 3.0 feet bgs from under the former dispenser island and piping	01/13/12	5.7 (Y)	2.5 (Y)	<0.25 <sup>(8)</sup>	<25 <sup>(8)</sup>	<0.25 <sup>(8)</sup>	<0.5 <sup>(8)</sup>	12 (Y)	<5.0	NA	0.630	NA
S-5-5.0	Soil sample collected at 5.0 feet bgs from under the former dispenser island and piping	01/13/12	<1.1	<1.1	<0.0047	<0.0047	<0.0047	<0.0094	<0.99	<5.0	NA	<0.0047	NA
S-6-5.0	Soil sample collected at 5.0 feet bgs from under the former dispenser island and piping	01/13/12	<1.1	<1.1	<0.01	<0.01	<0.01	<0.02	3.7 (Y)	8.2	NA	<0.010	NA
Residential land use shallow soil, drinking water <sup>(9)</sup>			83	83	0.044	2.9	2.3	2.3	83	370	370	1.3	0.22
Residential land use shallow soil, non-drinking water <sup>(10)</sup>			100	100	0.12	9.3	2.3	11	100	370	370	1.3	0.22

TPH<sup>(1)</sup> = Total volatile petroleum hydrocarbons by EPA Method 8015B  
mg/kg<sup>(2)</sup> = milligrams per kilogram  
TEPH<sup>(3)</sup> = Total extractable petroleum hydrocarbons by EPA Method 8015B  
bgs<sup>(4)</sup> = Below ground surface  
NA<sup>(5)</sup> = Not applicable or sample not analyzed for the specific indicated compound  
(Y)<sup>(6)</sup> = Sample exhibits chromatographic pattern which does not resemble standard

ND <sup>(7)</sup> = Non-detected or below the laboratory respective detection limit for all the Aroclors; except Aroclor-1268 was detected at 0.027 mg/kg (below ESL)  
<sup>(8)</sup> = Reporting limit is above ESL

<sup>(9)</sup> = Tier 1 Environmental Screening Levels (ESLs), Shallow Soils (<3m bgs), Groundwater is Current or Potential Source of Drinking Water (mg/kg) (Table A), Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, Prepared by: California Regional Water Quality Control Board, San Francisco Bay Region, 1515 Clay Street, Suite 1400, Oakland, California 94612, Interim Final - November 2007, (Revised May 2008).

<sup>(10)</sup> = Tier 1 Environmental Screening Levels (ESLs), Shallow Soils (<3m bgs), Groundwater is not Current or Potential Source of Drinking Water (mg/kg) (Table B), Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, Prepared by: California Regional Water Quality Control Board, San Francisco Bay Region, 1515 Clay Street, Suite 1400, Oakland, California 94612, Interim Final - November 2007, (Revised May 2008).

**TABLE 7**  
**SUMMARY OF CHEMICAL ANALYSES FOR FUEL OXYGENATES AND LEAD SCAVENGERS**  
**SOIL SAMPLES COLLECTED FROM THE LOCATIONS OF FORMER HYDRAULIC LIFT,**  
**CAR MAINTENANCE PIT, DISPENSER ISLAND, AND PIPING**  
**2145 35<sup>th</sup> Avenue**  
**Oakland, California**

Sample ID	Description	Date Sampled	tert-Butyl Alcohol (TBA) ( $\mu\text{g}/\text{kg}$ ) <sup>(1)</sup>	Isopropyl Ether (DIPE) ( $\mu\text{g}/\text{kg}$ )	Ethyl tert-Butyl Ether (ETBE) ( $\mu\text{g}/\text{kg}$ )	Methyl tert-Amyl Ether (TAME) ( $\mu\text{g}/\text{kg}$ )	Methyl tert-Butyl Ether (MTBE) ( $\mu\text{g}/\text{kg}$ )	Ethylene Dibromide (EDB) ( $\mu\text{g}/\text{kg}$ )	1,2-dichloroethane (DCA) ( $\mu\text{g}/\text{kg}$ )
S-1-5.5'	Soil sample collected at 5.5 feet bgs <sup>(2)</sup> from the hydraulic lift excavation	01/11/12	NA	NA	NA	NA	<4.7	<4.7	<4.7
S-2-7.0	Soil sample collected at 7.0 feet bgs from under the former maintenance pit (east side)	01/13/12	<96	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8
S-3-7.0	Soil sample collected at 7.0 feet bgs from under the former maintenance pit (west side)	01/13/12	<97	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7
S-4-3.0	Soil sample collected at 3.0 feet bgs from under the former dispenser island and piping	01/13/12	<5,000	<250	<250	<250	<250	<250	<250
S-5-5.0	Soil sample collected at 5.0 feet bgs from under the former dispenser island and piping	01/13/12	<95	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7
S-6-5.0	Soil sample collected at 5.0 feet bgs from under the former dispenser island and piping	01/13/12	<200	<10	<10	<10	<10	<10	<10
Residential land use shallow soil, drinking water <sup>(3)</sup>			75	--	--	--	23	0.33	4.5
Residential land use shallow soil, non-drinking water <sup>(4)</sup>			100,000	--	--	-	8,400	19	220

$\mu\text{g}/\text{kg}$ <sup>(1)</sup> = Microgram per kilogram

bgs<sup>(2)</sup> = Below ground surface

<sup>(3)</sup> = Tier 1 Environmental Screening Levels (ESLs), Shallow Soils (<3m bgs), Groundwater is Current or Potential Source of Drinking Water (mg/kg), (Table A-1), Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, Prepared by: California Regional Water Quality Control Board, San Francisco Bay Region, 1515 Clay Street, Suite 1400, Oakland, California 94612, Interim Final November 2007, (Revised May 2008).

<sup>(4)</sup> = Tier 1 Environmental Screening Levels (ESLs), Shallow Soils (<3m bgs), Groundwater is not Current or Potential Source of Drinking Water (mg/kg), (Table B-1), Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, Prepared by: California Regional Water Quality Control Board, San Francisco Bay Region, 1515 Clay Street, Suite 1400, Oakland, California 94612, Interim Final - November 2007, (Revised May 2008).

(--) Not determined or not available

Note: reporting limits of some compounds listed in the above table are higher than their respective ESLs

TABLE 8  
SUMMARY OF CHEMICAL ANALYSES FOR PURGEABLE ORGANICS BY GC/MS  
SOIL SAMPLES COLLECTED FROM THE FORMER HYDRAULIC LIFT, CAR MAINTENANCE PIT,  
DISPENSER ISLAND AND PIPING  
2145 35<sup>TH</sup> Avenue  
Oakland, California

Sample ID	Date Sampled	Description	Freon 12 (ug/kg) <sup>(1)</sup>	Chloro-methane (ug/kg)	Vinyl Chloride (ug/kg)	Bromoethane (ug/kg)	Chloro-ethane (ug/kg)	Trichloro-Fluoro-methane (ug/kg)	Acetone (ug/kg)	Freon 113 (ug/kg)	1,1-Dichloroethene (ug/kg)	Mehylene Chloride (ug/kg)
S-1-5.5	01/11/12	Soil sample collected at 5.5 feet bgs <sup>(1)</sup> from the hydraulic lift excavation	<9.4	<9.4	<9.4	<9.4	<9.4	<4.7	<19	<4.7	<4.7	<19
S-2-7.0	01/13/12	Soil sample collected at 7.0 feet bgs from under the former maintenance pit (east side)	<9.6	<9.6	<9.6	<9.6	<9.6	<4.8	<19	<4.8	<4.8	<19
S-3-7.0	01/13/12	Soil sample collected at 7.0 feet bgs from under the former maintenance pit (west side)	<9.4	<9.4	<9.4	<9.4	<9.4	<4.7	<19	<4.7	<4.7	<19
S-4-3.0	01/13/12	Soil sample collected at 3.0 feet bgs from under the former dispenser island and piping	<500	<500	<500	<500	<500	<250	<1,000	<250	<250	<1,000
S-5-5.0	01/13/12	Soil sample collected at 5.0 feet bgs from under the former dispenser island and piping	<9.5	<9.5	<9.5	<9.5	<9.5	<4.7	210	<4.7	<4.7	<19
S-6-5.0	01/13/12	Soil sample collected at 5.0 feet bgs from under the former dispenser island and piping	<20	<20	<20	<20	<20	<10	270	<10	<20	<40
Direct Exposure Soil Screening Levels (Residential Exposure Scenario) <sup>(3)</sup>			--	6,400	22	390	850	--	500	--	1,000	77



TABLE 8 (Continue)  
SUMMARY OF CHEMICAL ANALYSES FOR PURGEABLE ORGANICS BY GC/MS  
SOIL SAMPLES COLLECTED FROM THE FORMER HYDRAULIC LIFT, CAR MAINTENANCE PIT,  
DISPENSER ISLAND AND PIPING  
2145 35<sup>TH</sup> Avenue  
Oakland, California

Sample ID	Date Sampled	Description	Carbon Disulfide (ug/kg)	MTBE (ug/kg)	Trans-1,2-Dichloroethene (ug/kg)	Vinyl Acetate (ug/kg)	1,1-Dichloroethane (ug/kg)	2-Butanone (ug/kg)	Cis-1,2-Dichloroethene (ug/kg)	2,2-Dichloropropane (ug/kg)	Chloroform (ug/kg)	Bromo-chloromethane (ug/kg)
S-1-5.5	01/11/12	Soil sample collected at 5.5 feet bgs, from the hydraulic lift excavation	<4.7	<4.7	<4.7	<47	<4.7	<9.4	<4.7	<4.7	<4.7	<4.7
S-2-7.0	01/13/12	Soil sample collected at 7.0 feet bgs, from under the former maintenance pit (east side)	<4.8	<4.8	<4.8	<48	<4.8	<9.6	<4.8	<4.8	<4.8	<4.8
S-3-7.0	01/13/12	Soil sample collected at 7.0 feet bgs, from under the former maintenance pit (west side)	<4.7	<4.7	<4.7	<47	<4.7	<9.4	<4.7	<4.7	<4.7	<4.7
S-4-3.0	01/13/12	Soil sample collected at 3.0 feet bgs, from under the former dispenser island and piping	<250	<250	<250	<2,500	<250	<500	<250	<250	<250	<250
S-5-5.0	01/13/12	Soil sample collected at 5.0 feet bgs, from under the former dispenser island and piping	<4.7	<4.7	<4.7	<47	<4.7	<9.5	<4.7	<4.7	<4.7	<4.7
S-6-5.0	01/13/12	Soil sample collected at 5.0 feet bgs, from under the former dispenser island and piping	<10	<10	<10	<100	<10	<20	<10	<10	<10	<10
Direct Exposure Soil Screening Levels (Residential Exposure Scenario)			--	23	670	--	4.5	3,900	190	120	680	570

TABLE 8 (Continue)

SUMMARY OF CHEMICAL ANALYSES FOR PURGEABLE ORGANICS BY GC/MS  
SOIL SAMPLES COLLECTED FROM THE FORMER HYDRAULIC LIFT, CAR MAINTENANCE PIT,  
DISPENSER ISLAND AND PIPING  
2145 35<sup>TH</sup> Avenue  
Oakland, California

Sample ID	Date Sampled	Description	1,1,1-Trichloroethane (ug/kg)	1,1-Dichloro propene (ug/kg)	Carbon Tetrachloride (ug/kg)	1,2-Dichloroethane (ug/kg)	Benzene (ug/kg)	Trichloro ethene (ug/kg)	1,2-Dichloropropane (ug/kg)	Bromodichloro -methane (ug/kg)	Dibromo-methane (ug/kg)
S-1-5.5	01/11/12	Soil sample collected at 5.5 feet bgs, from the hydraulic lift excavation	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7
S-2-7.0	01/13/12	Soil sample collected at 7.0 feet bgs, from under the former maintenance pit (east side)	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8
S-3-7.0	01/13/12	Soil sample collected at 7.0 feet bgs, from under the former maintenance pit (west side)	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7
S-4-3.0	01/13/12	Soil sample collected at 3.0 feet bgs, from under the former dispenser island and piping	<250	<250	<250	<250	<250	<250	<250	<250	<250
S-5-5.0	01/13/12	Soil sample collected at 5.0 feet bgs, from under the former dispenser island and piping	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7
S-6-5.0	01/13/12	Soil sample collected at 5.0 feet bgs, from under the former dispenser island and piping	<10	<10	<10	<10	<10	<10	<10	<10	<10
Direct Exposure Soil Screening Levels (Residential Exposure Scenario)			7,800	59	20	200	44	460	120	570	--

TABLE 8 (Continue)

SUMMARY OF CHEMICAL ANALYSES FOR PURGEABLE ORGANICS BY GC/MS  
SOIL SAMPLES COLLECTED FROM THE FORMER HYDRAULIC LIFT, CAR MAINTENANCE PIT,  
DISPENSER ISLAND AND PIPING  
2145 35<sup>TH</sup> Avenue  
Oakland, California

Sample ID	Date Sampled	Description	4-Methyl-1-2-pentanone (ug/kg)	Cis-1,3-Dichloropropene (ug/kg)	Toluene (ug/kg)	Trans-1,3-Dichloropropene (ug/kg)	1,1,2-Trichloroethane (ug/kg)	2-Hexanone (ug/kg)	1,3-Dichloropropane (ug/kg)	Tetra-chloroethene (ug/kg)	Dibromochloro-methane (ug/kg)
S-1-5.5	01/11/12	Soil sample collected at 5.5 feet bgs, from the hydraulic lift excavation	<9.4	<4.7	<4.7	<4.7	<4.7	<9.4	<4.7	<4.7	<4.7
S-2-7.0	01/13/12	Soil sample collected at 7.0 feet bgs, from under the former maintenance pit (east side)	<9.6	<4.8	<4.8	<4.8	<4.8	<9.6	<4.8	<4.8	<4.8
S-3-7.0	01/13/12	Soil sample collected at 7.0 feet bgs, from under the former maintenance pit (west side)	<9.4	<4.7	<4.7	<4.7	<4.7	<9.4	<4.7	<4.7	<4.7
S-4-3.0	01/13/12	Soil sample collected at 3.0 feet bgs, from under the former dispenser island and piping	<250	<250	<250	<250	<250	<500	<250	<250	<250
S-5-5.0	01/13/12	Soil sample collected at 5.0 feet bgs, from under the former dispenser island and piping	<9.5	<4.7	<4.7	<4.7	<4.7	<9.4	<4.7	<4.7	<4.7
S-6-5.0	01/13/12	Soil sample collected at 5.0 feet bgs, from under the former dispenser island and piping	<10	<10	<10	<10	<10	<20	<10	<10	<10
Direct Exposure Soil Screening Levels (Residential Exposure Scenario)			2,800	59	2,900	590	70	--	120	370	7,600

TABLE 8 (Continue)  
SUMMARY OF CHEMICAL ANALYSES FOR PURGEABLE ORGANICS BY GC/MS  
SOIL SAMPLES COLLECTED FROM THE FORMER HYDRAULIC LIFT, CAR MAINTENANCE PIT,  
DISPENSER ISLAND AND PIPING  
2145 35<sup>TH</sup> Avenue  
Oakland, California

Sample ID	Date Sampled	Description	1,2-Dibromoethane (ug/kg)	Choloro benzene (ug/kg)	1,1,1,2-Tetrachloethane (ug/kg)	Ethyl-benezene (ug/kg)	m,p-Xylenes (ug/kg)	o-Xylenes (ug/kg)	Styrene (ug/kg)	Bromoform (ug/kg)	Isopropyl-benzene (ug/kg)	1,1,2,2-Tetrachloethane (ug/kg)
S-1-5.5	01/11/12	Soil sample collected at 5.5 feet bgs <sup>(2)</sup> from the hydraulic lift excavation	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7
S-2-7.0	01/13/12	Soil sample collected at 7.0 feet bgs from under the former maintenance pit (east side)	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8
S-3-7.0	01/13/12	Soil sample collected at 7.0 feet bgs from under the former maintenance pit (west side)	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7
S-4-3.0	01/13/12	Soil sample collected at 3.0 feet bgs from under the former dispenser island and piping	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250
S-5-5.0	01/13/12	Soil sample collected at 5.0 feet bgs from under the former dispenser island and piping	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7
S-6-5.0	01/13/12	Soil sample collected at 5.0 feet bgs from under the former dispenser island and piping	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Direct Exposure Soil Screening Levels (Residential Exposure Scenario)			0.33	1,500	24	2,300	1,150	1,150	1,500	2,200	--	18

TABLE 8 (Continue)  
SUMMARY OF CHEMICAL ANALYSES FOR PURGEABLE ORGANICS BY GC/MS  
SOIL SAMPLES COLLECTED FROM THE FORMER HYDRAULIC LIFT, CAR MAINTENANCE PIT,  
DISPENSER ISLAND AND PIPING  
2145 35<sup>TH</sup> Avenue  
Oakland, California

Sample ID	Date Sampled	Description	1,2,3-Trichloro propane (ug/kg)	Propyl benzene (ug/kg)	Bromo benzene (ug/kg)	1,3,5-Trimethylbenzene (ug/kg)	2-Chrotoluene (ug/kg)	4-Chrotoluene (ug/kg)	tert-butylbenzene (ug/kg)	1,2,4-Trimethylbenzene (ug/kg)	sec-Butyl benzene (ug/kg)	Para-Isopropyl Toluene (ug/kg)
S-1-5.5	01/11/12	Soil sample collected at 5.5 feet bgs <sup>(2)</sup> from the hydraulic lift excavation	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7
S-2-7.0	01/13/12	Soil sample collected at 7.0 feet bgs from under the former maintenance pit (east side)	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8
S-3-7.0	01/13/12	Soil sample collected at 7.0 feet bgs from under the former maintenance pit (west side)	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7
S-4-3.0	01/13/12	Soil sample collected at 3.0 feet bgs from under the former dispenser island and piping	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250
S-5-5.0	01/13/12	Soil sample collected at 5.0 feet bgs from under the former dispenser island and piping	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7
S-6-5.0	01/13/12	Soil sample collected at 5.0 feet bgs from under the former dispenser island and piping	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Direct Exposure Soil Screening Levels (Residential Exposure Scenario)			--	--	--	--	--	--	--	--	--	--

TABLE 8 (Continue)

SUMMARY OF CHEMICAL ANALYSES FOR PURGEABLE ORGANICS BY GC/MS  
SOIL SAMPLES COLLECTED FROM THE FORMER HYDRAULIC LIFT, CAR MAINTENANCE PIT,  
DISPENSER ISLAND AND PIPING  
2145 35<sup>TH</sup> Avenue  
Oakland, California

Sample ID	Date Sampled	Description	1,3-Dichlorobenzene (ug/kg)	1,4-Dichlorobenzene (ug/kg)	n-Butyl benzene (ug/kg)	1,2-Dichlorobenzene (ug/kg)	1,2-Dibromo-3-Chloropropane (ug/kg)	1,2,4-Trichlorobenzene (ug/kg)	Hexa-Chloro-butadiene (ug/kg)	Naphtalene (ug/kg)	1,2,3-Trichlorobenzene
S-1-5.5	01/11/12	Soil sample collected at 5.5 feet bgs, from the hydraulic lift excavation	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7
S-2-7.0	01/13/12	Soil sample collected at 7.0 feet bgs, from under the former maintenance pit (east side)	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8
S-3-7.0	01/13/12	Soil sample collected at 7.0 feet bgs, from under the former maintenance pit (west side)	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7
S-4-3.0	01/13/12	Soil sample collected at 3.0 feet bgs, from under the former dispenser island and piping	<250	<250	<250	<250	<250	<250	<250	<250	<250
S-5-5.0	01/13/12	Soil sample collected at 5.0 feet bgs, from under the former dispenser island and piping	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7
S-6-5.0	01/13/12	Soil sample collected at 5.0 feet bgs, from under the former dispenser island and piping	<10	<10	<10	<10	<10	<10	<10	<10	<10
Direct Exposure Soil Screening Levels (Residential Exposure Scenario)			7,400	590	--	1,100	4.5	1,500	2,200	1,300	--

<sup>(1)</sup> ug/kg = Microgram per kilogram or part per billion

<sup>(2)</sup> bgs = Below ground surface

<sup>(3)</sup> Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, Table A-1, Prepared by: California Regional Water Quality Control Board, San Francisco Bay Region, Interim Final - November 2007, (Revised May 2008)

-- = No established value listed.

TABLE 9  
SUMMARY OF CHEMICAL ANALYSES FOR THE 5 LEAKING UNDERGROUND  
STORAGE TANK (LUFT) METALS  
SOIL SAMPLES COLLECTED FROM THE LOCATIONS OF FORMER HYDRAULIC LIFT,  
CAR MAINTENANCE PIT, DISPENSER ISLAND, AND PIPING  
2145 35<sup>th</sup> Avenue  
Oakland, California

Sample ID	Description	Date Sampled	Cadmium (Cd) (mg/kg) <sup>(1)</sup>	Chromium (Cr) (mg/kg)	Lead (Pb) (mg/kg)	Nickel (Ni) (mg/kg)	Zinc (Zn) (mg/kg)
S-1-5.5	Soil sample collected at 5.5 feet bgs <sup>(2)</sup> from the hydraulic lift excavation	01/11/12	0.45	32	51	53	84
S-2-7.0	Soil sample collected at 7.0 feet bgs from under the former maintenance pit (east side)	01/13/12	<0.24	130	3.5	<b>260</b>	44
S-3-7.0	Soil sample collected at 7.0 feet bgs from under the former maintenance pit (west side)	01/13/12	<0.24	120	2.9	<b>270</b>	43
S-4-3.0	Soil sample collected at 3.0 feet bgs from under the former dispenser island and piping	01/13/12	<0.25	110	5.7	<b>360</b>	39
S-5-5.0	Soil sample collected at 5.0 feet bgs from under the former dispenser island and piping	01/13/12	<0.25	95	3.3	130	36
S-6-5.0	Soil sample collected at 5.0 feet bgs from under the former dispenser island and piping	01/13/12	<0.27	160	4.0	<b>260</b>	40
Residential land use shallow soil, drinking water <sup>(3)</sup>			1.7	--	200	150	600
Residential land use shallow soil, non-drinking water <sup>(4)</sup>			1.7	--	200	150	600

mg/kg<sup>(1)</sup> = milligrams per kilogram

bgs<sup>(2)</sup> = Below ground surface

<sup>(3)</sup> = Tier 1 Environmental Screening Levels (ESLs), Shallow Soils (<3m bgs), Groundwater is Current or Potential Source of Drinking Water (mg/kg), (Table A-1), Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, Prepared by: California Regional Water Quality Control Board, San Francisco Bay Region, 1515 Clay Street, Suite 1400, Oakland, California 94612, Interim Final November 2007, (Revised May 2008).

<sup>(4)</sup> = Tier 1 Environmental Screening Levels (ESLs), Shallow Soils (<3m bgs), Groundwater is not Current or Potential Source of Drinking Water (mg/kg), (Table B-1), Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, Prepared by: California Regional Water Quality Control Board, San Francisco Bay Region, 1515 Clay Street, Suite 1400, Oakland, California 94612, Interim Final - November 2007, (Revised May 2008).

**Bold** = Concentration presented in bold where such a value is at or exceeds one of the environmental screening levels (ESLs) listed

TABLE 10  
SUMMARY OF CHEMICAL ANALYSES FOR TPH-G, TPH-ss, TEPH, PCBs, BTEX, AND NAPHTHALENE  
SOIL SAMPLES COLLECTED FROM BOREHOLES  
2145 35<sup>th</sup> Avenue  
Oakland, California

Sample ID	Description	Date Sampled	TPH <sup>(1)</sup> as Gasoline (mg/kg) <sup>(2)</sup>	TPH as Stoddard Solvent (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl benzene (mg/kg)	Total Xylenes (mg/kg)	TEPH <sup>(3)</sup> as Diesel (mg/kg)	TEPH as Motor Oil (mg/kg)	TEPH as Hydraulic Oil (mg/kg)	Naphthalene (mg/kg)
P1-5	Soil at 5' from boring P1	01/25/2012	<0.93	<0.93	<0.0048	<0.0048	<0.0048	<0.0096	<1.0	<5.0	NA <sup>(4)</sup>	<0.0048
P1-14	Soil at 14' from boring P1	01/25/2012	<1.0	<1.0	<0.0048	<0.0048	<0.0048	<0.0096	<1.0	<5.0	NA	<0.0048
P2-8	Soil at 8' from boring P2	01/25/2012	1.1 (Y)	<1.0	<0.0049	<0.0049	<0.0049	<0.0098	17 (Y) <sup>(5)</sup>	<5.0	NA	0.047
P2-12	Soil at 12' from boring P2	01/25/2012	NA	<b>630</b>	<1.0	<1.0	<1.0	<2.0	<b>140 (Y)</b>	<b>26</b>	NA	<b>6.50</b>
P2-16	Soil at 16' from boring P2	01/25/2012	<1.0	<1.0	<0.005	<0.005	<0.005	<0.010	<1.0	<5.0	NA	<0.0005
P2-20	Soil at 20' from boring P2	01/25/2012	<1.0	<1.0	<0.0048	<0.0048	<0.0048	<0.0096	<1.0	<5.0	NA	<0.0048
P3-8	Soil at 8' from boring P3	01/25/2012	<1.0	<1.0	<0.0048	<0.0048	<0.0048	<0.0096	<0.99	<5.0	NA	<0.0048
P3-12	Soil at 12' from boring P3	01/25/2012	<0.98	<0.98	<0.0047	<0.0047	<0.0047	<0.0094	<1.0	<5.0	NA	<0.0047
P4-8	Soil at 8' from boring P4	01/25/2012	<0.93	<0.93	<0.0048	<0.0048	<0.0048	<0.0096	<0.99	<5.0	NA	<0.0048
P4-12	Soil at 12' from boring P4	01/25/2012	<1.0	<1.0	<0.0048	<0.0048	<0.0048	<0.0096	<1.0	<5.0	NA	<0.0048
BH5-5	Soil at 5' from boring BH5	02/06/2012	<b>120</b>	<b>82</b>	<0.049	<0.049	0.360	0.280	25	<5.0	NA	0.630
BH5-8	Soil at 8' from boring BH5	02/06/2012	<b>720</b>	<b>480</b>	<0.25	<0.25	<b>6.4</b>	<b>6.15</b>	<b>210</b>	<5.0	NA	<b>5.0</b>
BH5-12	Soil at 12' from boring BH5	02/06/2012	<b>310</b>	<b>210</b>	<0.0048	<0.0048	1.3	0.198	<b>240</b>	<5.0	NA	<b>1.8</b>
BH5-30	Soil at 30' from boring BH5	02/06/2012	<1.0	<1.0	<0.0049	<0.0049	<0.0049	<0.0098	<1.0	<5.0	NA	<0.0049
BH6-8	Soil at 8' from boring BH6	01/25/2012	<1.0	<1.0	<0.0049	<0.0049	<0.0049	<0.0098	4.4 (Y)	<5.0	NA	<0.0049
BH6-12	Soil at 12' from boring BH6	01/25/2012	<b>530 (Y)</b>	<b>480</b>	<0.050	<0.050	<0.050	<0.010	<b>240 (Y)</b>	9.2	NA	0.840
BH6-16	Soil at 16' from boring BH6	01/25/2012	<1.0	<1.0	<0.0049	<0.0049	<0.0049	<0.0098	2.1 (Y)	<5.0	NA	<0.0049
BH7-8	Soil at 8' from boring BH7	01/25/2012	<1.0	<1.0	<0.0049	<0.0049	<0.0049	<0.0098	2.4 (Y)	<5.0	NA	<0.0049
BH7-12	Soil at 12' from boring BH7	01/25/2012	<1.0	<1.0	<0.0048	<0.0048	<0.0048	<0.0096	2.3 (Y)	<5.0	NA	<0.0048
BH8-8	Soil at 8' from boring BH8	01/25/2012	1.0 (Y)	<0.92	<0.0048	<0.0048	<0.0048	<0.0096	1.8 (Y)	<5.0	NA	0.014
BH8-12	Soil at 12' from boring BH8	01/25/2012	33 (Y)	63	<0.025	<0.025	<0.025	<0.050	62 (Y)	7.3	NA	0.710
BH8-16	Soil at 16' from boring BH8	01/25/2012	<1.1	<1.1	<0.0049	<0.0049	<0.0049	<0.0098	3.2 (Y)	<5.0	NA	<0.0049
BH9-8	Soil at 8' from boring BH9	02/06/2012	<b>710</b>	<b>480 (Y)</b>	<0.250	<0.250	2.000	1.950	<b>870</b>	<25	NA	<b>5.8</b>
BH9-16	Soil at 16' from boring BH9	02/06/2012	<0.96	<0.96	<0.0048	<0.0048	<0.0048	<0.0096	<1.0	<5.0	NA	0.0057
BH9-30	Soil at 30' from boring BH9	02/06/2012	<0.93	<0.93	<0.0049	<0.0049	<0.0049	<0.0098	1.3 (Y)	<5.0	NA	<0.0049
BH10-9*	Soil at 9' from boring BH10	02/06/2012	<1.1	<1.1	<0.0049	<0.0049	<0.0049	<0.0098	<1.0	<5.0	<5.0	<0.0049
BH10-12*	Soil at 12' from boring BH10	02/06/2012	8.8 (Y)	5.9	<0.0048	<0.0048	<0.0048	<0.0096	<b>160 (Y)</b>	<b>570</b>	<b>790</b>	<0.0048
BH11-8	Soil at 8' from boring BH11	02/08/2012	<1.0	<1.0	<0.0048	<0.0048	<0.0048	<0.0096	<1.0	<5.0	NA	<0.0048



Sample ID	Description	Date Sampled	TPH <sup>(1)</sup> as Gasoline (mg/kg) <sup>(2)</sup>	TPH as Stoddard Solvent (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl benzene (mg/kg)	Total Xylenes (mg/kg)	TEPH <sup>(3)</sup> as Diesel (mg/kg)	TEPH as Motor Oil (mg/kg)	TEPH as Hydraulic Oil (mg/kg)	Naphthalene (mg/kg)
BH11-12	Soil at 12' from boring BH11	02/08/2012	<0.94	<0.94	<0.0044	<0.0044	<0.0044	<0.0088	1.6 (Y)	<5.0	NA	<0.0044
BH12-5	Soil at 5' from boring BH12	02/06/2012	<0.99	<0.99	<0.0049	<0.0049	<0.0049	<0.0098	<1.0	<5.0	NA	<0.0049
BH12-12	Soil at 12' from boring BH12	02/06/2012	<0.98	<0.98	<0.0047	<0.0047	<0.0047	<0.0094	<1.0	<5.0	NA	<0.0047
BH12-30	Soil at 30' from boring BH12	02/06/2012	<0.92	<0.92	<0.0049	<0.0049	<0.0049	<0.0098	<1.0	<5.0	NA	<0.0049
BH13-5	Soil at 5' from boring BH13	02/08/2012	<1.1	<1.1	<0.0049	<0.0049	<0.0049	<0.0098	<1.0	<5.0	NA	<0.0049
BH13-8	Soil at 8' from boring BH13	02/08/2012	<1.0	<1.0	<0.0049	<0.0049	<0.0049	<0.0098	<1.0	<5.0	NA	<0.0049
BH14-8	Soil at 8' from boring BH14	02/08/2012	<0.93	<0.93	<0.0047	<0.0047	<0.0047	<0.0094	9.3 (Y)	38	NA	<0.0047
BH15-4	Soil at 4' from boring BH15	02/08/2012	<0.95	<0.95	<0.005	<0.005	<0.005	<0.010	<0.99	<5.0	NA	<0.005
BH15-8	Soil at 8' from boring BH15	02/08/2012	<1.1	<1.1	<0.0049	<0.0049	<0.0049	<0.0098	1.7 (Y)	<5.0	NA	0.016
BH15-12	Soil at 12' from boring BH15	02/08/2012	<b>960 (Y)</b>	<b>810 (Y)</b>	<0.250	<0.250	<0.250	<0.500	<b>130</b>	22	NA	<b>7.5</b>
BH15-16	Soil at 16' from boring BH15	02/08/2012	<1.1	<1.1	<0.005	<0.005	<0.005	<0.010	<1.0	<5.0	NA	<0.005
Residential land use shallow soil, drinking water <sup>(6)</sup>			83	83	0.044	2.9	2.3	2.3	83	370	370	1.3
Residential land use shallow soil, non-drinking water <sup>(7)</sup>			100	100	0.12	9.3	2.3	11	100	370	370	1.3

TPH<sup>(1)</sup> = Total volatile petroleum hydrocarbons by EPA Method 8015B  
mg/kg<sup>(2)</sup> = milligrams per kilogram  
TEPH<sup>(3)</sup> = Total extractable petroleum hydrocarbons by EPA Method 8015B  
NA<sup>(4)</sup> = Not applicable or sample not analyzed for the specific indicated compound  
(Y)<sup>(5)</sup> = Sample exhibits chromatographic pattern which does not resemble standard

<sup>(6)</sup> = Tier 1 Environmental Screening Levels (ESLs), Shallow Soils (<3m bgs), Groundwater is Current or Potential Source of Drinking Water (mg/kg) (Table A), Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, Prepared by: California Regional Water Quality Control Board, San Francisco Bay Region, 1515 Clay Street, Suite 1400, Oakland, California 94612, Interim Final - November 2007, (Revised May 2008).

<sup>(7)</sup> = Tier 1 Environmental Screening Levels (ESLs), Shallow Soils (<3m bgs), Groundwater is not Current or Potential Source of Drinking Water (mg/kg) (Table B), Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, Prepared by: California Regional Water Quality Control Board, San Francisco Bay Region, 1515 Clay Street, Suite 1400, Oakland, California 94612, Interim Final - November 2007, (Revised May 2008).

**Bold** = Concentration presented in bold where such a value is at or exceeds one of the environmental screening levels (ESLs).

\*Samples BH10-9 and BH10-12 were additionally analyzed for PCBs. PCBs were not detected in these samples (see laboratory report in Appendix E).

TABLE 11  
SUMMARY OF CHEMICAL ANALYSES FOR THE FUEL OXYGENATES AND LEAD SCAVENGERS  
SOIL SAMPLES COLLECTED FROM THE BOREHOLES  
2145 35<sup>th</sup> Avenue  
Oakland, California

Sample ID	Description	Date Sampled	tert-Butyl Alcohol (TBA) (µg/kg) <sup>(1)</sup>	Isopropyl Ether (DIPE) (µg/kg)	Ethyl tert-Butyl Ether (ETBE) (µg/kg)	Methyl tert-Amyl Ether (TAME) (µg/kg)	Methyl tert-Butyl Ether (MTBE) (µg/kg)	Ethylene Dibromide (EDB) (µg/kg)	1,2-dichloroethane (DCA) (µg/kg)
P1-5	Soil sample collected at 5' from boring P1	01/25/2012	<97	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8
P1-14	Soil sample collected at 14' from boring P1	01/25/2012	<97	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8
P2-8	Soil sample collected at 8' from boring P2	01/25/2012	<98	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
P2-12	Soil sample collected at 12' from boring P2	01/25/2012	<20,000	<1,000	<1,000	<1,000	<1,000	<1,000	<1,000
P2-16	Soil sample collected at 16' from boring P2	01/25/2012	<100	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
P2-20	Soil sample collected at 20' from boring P2	01/25/2012	<96	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8
P3-8	Soil sample collected at 8' from boring P3	01/25/2012	<96	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8
P3-12	Soil sample collected at 12' from boring P3	01/25/2012	<95	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7
P4-8	Soil sample collected at 8' from boring P4	01/25/2012	<95	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8
P4-12	Soil sample collected at 12' from boring P4	01/25/2012	<97	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8
BH5-5	Soil sample collected at 5' from boring BH5	02/06/2012	<980	<49	<49	<49	<49	<49	<49
BH5-8	Soil sample collected at 8' from boring BH5	02/06/2012	<5,000	<250	<250	<250	<250	<250	<250
BH5-12	Soil sample collected at 12' from boring BH5	02/06/2012	<960	<48	<48	<48	<48	<48	<48
BH5-30	Soil sample collected at 30' from boring BH5	02/06/2012	<98	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
BH6-8	Soil sample collected at 8' from boring BH6	01/25/2012	<99	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
BH6-12	Soil sample collected at 12' from boring BH6	01/25/2012	<1,000	<50	<50	<50	<50	<50	<50
BH6-16	Soil sample collected at 16' from boring BH6	01/25/2012	<97	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
BH7-8	Soil sample collected at 8' from boring BH7	01/25/2012	<99	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
BH7-12	Soil sample collected at 12' from boring BH7	01/25/2012	<96	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8
BH8-8	Soil sample collected at 8' from boring BH8	01/25/2012	<95	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8
BH8-12	Soil sample collected at 12' from boring BH8	01/25/2012	<500	<25	<25	<25	<25	<25	<25
BH8-16	Soil sample collected at 16' from boring BH8	01/25/2012	<98	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
BH9-8	Soil sample collected at 8' from boring BH9	02/06/2012	<5,000	<250	<250	<250	<250	<250	<250
BH9-16	Soil sample collected at 16' from boring BH9	02/06/2012	<96	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8
BH9-30	Soil sample collected at 30' from boring BH9	02/06/2012	<98	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
BH10-9	Soil sample collected at 9' from boring BH10	02/06/2012	<98	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9

Sample ID	Description	Date Sampled	tert-Butyl Alcohol (TBA) (µg/kg) <sup>(1)</sup>	Isopropyl Ether (DIPE) (µg/kg)	Ethyl tert-Butyl Ether (ETBE) (µg/kg)	Methyl tert-Amyl Ether (TAME) (µg/kg)	Methyl tert-Butyl Ether (MTBE) (µg/kg)	Ethylene Dibromide (EDB) (µg/kg)	1,2-dichloroethane (DCA) (µg/kg)
BH10-12	Soil sample collected at 12' from boring BH10	02/06/2012	<97	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8
BH11-8	Soil sample collected at 8' from boring BH11	02/08/2012	<95	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8
BH11-12	Soil sample collected at 12' from boring BH11	02/08/2012	<89	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4
BH12-5	Soil sample collected at 5' from boring BH12	02/06/2012	<98	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
BH12-12	Soil sample collected at 12' from boring BH12	02/06/2012	<95	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7
BH12-30	Soil sample collected at 30' from boring BH12	02/06/2012	<97	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
BH13-5	Soil sample collected at 5' from boring BH13	02/08/2012	<97	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
BH13-8	Soil sample collected at 8' from boring BH13	02/08/2012	<97	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
BH14-8	Soil sample collected at 8' from boring BH14	02/08/2012	<95	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7
BH15-4	Soil sample collected at 4' from boring BH15	02/08/2012	<100	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
BH15-8	Soil sample collected at 8' from boring BH15	02/08/2012	<99	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
BH15-12	Soil sample collected at 12' from boring BH15	02/08/2012	<5,000	<250	<250	<250	<250	<250	<250
BH15-16	Soil sample collected at 16' from boring BH15	02/08/2012	<100	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Residential land use shallow soil, drinking water <sup>(2)</sup>			75	--	--	--	23	0.33	4.5
Residential land use shallow soil, non-drinking water <sup>(3)</sup>			100,000	--	--	-	8,400	19	1,900

µg/kg<sup>(1)</sup> = Microgram per kilogram

<sup>(2)</sup> = Tier 1 Environmental Screening Levels (ESLs), Shallow Soils (<3m bgs), Groundwater is Current or Potential Source of Drinking Water (mg/kg), (Table A-1), Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, Prepared by: California Regional Water Quality Control Board, San Francisco Bay Region, 1515 Clay Street, Suite 1400, Oakland, California 94612, Interim Final November 2007, (Revised May 2008).

<sup>(3)</sup> = Tier 1 Environmental Screening Levels (ESLs), Shallow Soils (<3m bgs), Groundwater is not Current or Potential Source of Drinking Water (mg/kg), (Table B-1), Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, Prepared by: California Regional Water Quality Control Board, San Francisco Bay Region, 1515 Clay Street, Suite 1400, Oakland, California 94612, Interim Final - November 2007, (Revised May 2008).

(--) Not determined or not available

Note: reporting limits of some compounds listed in the above table are higher than their respective ESLs

TABLE 12  
SUMMARY OF CHEMICAL ANALYSES FOR PURGEABLE ORGANICS BY GC/MS  
SOIL SAMPLES COLLECTED FROM THE BOREHOLES  
2145 35<sup>TH</sup> Avenue  
Oakland, California

Sample ID	Description	Date Sampled	Freon 12 (ug/kg)	Chloro- methane (ug/kg)	Vinyl Chloride (ug/kg)	Bromoethane (ug/kg)	Chloro- ethane (ug/kg)	Trichloro- Fluoro- methane (ug/kg)	Acetone (ug/kg)	Freon 113 (ug/kg)	1,1- Dichloroe thene (ug/kg)	Mehylene Chloride (ug/kg)
P1-5	Soil sample collected at 5' from boring P1	01/25/2012	<9.7	<9.7	<9.7	<9.7	<9.7	<4.8	<19	<4.8	<48	<19
P1-14	Soil sample collected at 14' from boring P1	01/25/2012	<9.7	<9.7	<9.7	<9.7	<9.7	<4.8	<19	<4.8	<4.8	<19
P2-8	Soil sample collected at 8' from boring P2	01/25/2012	<9.8	<9.8	<9.8	<9.8	<9.8	<4.9	41	<4.9	<4.9	<20
P2-12	Soil sample collected at 12' from boring P2	01/25/2012	<2,000	<2,000	<2,000	<2,000	<2,000	<1,000	<4,000	<1,000	<1,000	<4,000
P2-16	Soil sample collected at 16' from boring P2	01/25/2012	<10	<10	<10	<10	<10	<5.0	<20	<5.0	<20	<20
P2-20	Soil sample collected at 20' from boring P2	01/25/2012	<9.6	<9.6	<9.6	<9.6	<9.6	<4.8	<19	<4.8	<4.8	<19
P3-8	Soil sample collected at 8' from boring P3	01/25/2012	<9.6	<9.6	<9.6	<9.6	<9.6	<4.8	<19	<4.8	<4.8	<19
P3-12	Soil sample collected at 12' from boring P3	01/25/2012	<9.5	<9.5	<9.5	<9.5	<9.5	<4.7	<19	<4.7	<4.7	<19
P4-8	Soil sample collected at 8' from boring P4	01/25/2012	<9.5	<9.5	<9.5	<9.5	<9.5	<4.8	<19	<4.8	<4.8	<19
P4-12	Soil sample collected at 12' from boring P4	01/25/2012	<9.7	<9.7	<9.7	<9.7	<9.7	<4.8	<19	<4.8	<48	<19
BH5-5	Soil sample collected at 5' from boring BH5	02/06/2012	<98	<98	<98	<98	<98	<49	<200	<49	<49	<200
BH5-8	Soil sample collected at 8' from boring BH5	02/06/2012	<500	<500	<500	<500	<500	<500	<1,000	<250	<250	<1,000
BH5-12	Soil sample collected at 12' from boring BH5	02/06/2012	<96	<96	<96	<96	<96	<48	<190	<48	<48	<190
BH5-30	Soil sample collected at 30' from boring BH5	02/06/2012	<9.8	<9.8	<9.8	<9.8	<9.8	<4.9	<20	<4.9	<4.9	<20
BH6-8	Soil sample collected at 8' from boring BH6	01/25/2012	<9.9	<9.9	<9.9	<9.9	<9.9	<4.9	<20	<4.9	<4.9	<20
BH6-12	Soil sample collected at 12' from boring BH6	01/25/2012	<100	<100	<100	<100	<100	<50	<200	<50	<50	<200
BH6-16	Soil sample collected at 16' from boring BH6	01/25/2012	<9.7	<9.7	<9.7	<9.7	<9.7	<4.9	<19	<4.9	<4.9	<19
BH7-8	Soil sample collected at 8' from boring BH7	01/25/2012	<9.9	<9.9	<9.9	<9.9	<9.9	<4.9	<20	<4.9	<4.9	<20
BH7-12	Soil sample collected at 12' from boring BH7	01/25/2012	<9.6	<9.6	<9.6	<9.6	<9.6	<4.8	<19	<4.8	<4.8	<19
BH8-8	Soil sample collected at 8' from boring BH8	01/25/2012	<9.5	<9.5	<9.5	<9.5	<9.5	<4.8	24	<4.8	<4.8	<19
BH8-12	Soil sample collected at 12' from boring BH8	01/25/2012	<50	<50	<50	<50	<50	<25	120	<25	<25	<99
BH8-16	Soil sample collected at 16' from boring BH8	01/25/2012	<9.8	<9.8	<9.8	<9.8	<9.8	<4.9	<20	<4.9	<4.9	<20
BH9-8	Soil sample collected at 8' from boring BH9	02/06/2012	<500	<500	<500	<500	<500	<500	<1,000	<250	<250	<1,000
BH9-16	Soil sample collected at 16' from boring BH9	02/06/2012	<9.6	<9.6	<9.6	<9.6	<9.6	<4.8	19	<4.8	<4.8	<19
BH9-30	Soil sample collected at 30' from boring BH9	02/06/2012	<9.8	<9.8	<9.8	<9.8	<9.8	<4.9	<20	<4.9	<4.9	<20
BH10-9	Soil sample collected at 9' from boring BH10	02/06/2012	<9.8	<9.8	<9.8	<9.8	<9.8	<4.9	<20	<4.9	<4.9	<20
BH10-12	Soil sample collected at 12' from boring BH10	02/06/2012	<9.7	<9.7	<9.7	<9.7	<9.7	<4.8	22	<4.8	<48	<19
BH11-8	Soil sample collected at 8' from boring BH11	02/08/2012	<9.5	<9.5	<9.5	<9.5	<9.5	<4.8	<19	<4.8	<4.8	<19
BH11-12	Soil sample collected at 12' from boring BH11	02/08/2012	<8.9	<8.9	<8.9	<8.9	<8.9	<4.4	<18	<4.4	<4.4	<18

Sample ID	Description	Date Sampled	Freon 12 (ug/kg)	Chloro- methane (ug/kg)	Vinyl Chloride (ug/kg)	Bromoethane (ug/kg)	Chloro- ethane (ug/kg)	Trichloro- Fluoro- methane (ug/kg)	Acetone (ug/kg)	Freon 113 (ug/kg)	1,1- Dichloroe- thene (ug/kg)	Mehylene Chloride (ug/kg)
BH12-5	Soil sample collected at 5' from boring BH12	02/06/2012	<9.8	<9.8	<9.8	<9.8	<9.8	<4.9	41	<4.9	<4.9	<20
BH12-12	Soil sample collected at 12' from boring BH12	02/06/2012	<9.5	<9.5	<9.5	<9.5	<9.5	<4.7	<19	<4.7	<4.7	<19
BH12-30	Soil sample collected at 30' from boring BH12	02/06/2012	<9.7	<9.7	<9.7	<9.7	<9.7	<4.9	<19	<4.9	<4.9	<19
BH13-5	Soil sample collected at 5' from boring BH13	02/08/2012	<9.7	<9.7	<9.7	<9.7	<9.7	<4.9	<19	<4.9	<4.9	<19
BH13-8	Soil sample collected at 8' from boring BH13	02/08/2012	<9.7	<9.7	<9.7	<9.7	<9.7	<4.9	<19	<4.9	<4.9	<19
BH14-8	Soil sample collected at 8' from boring BH14	02/08/2012	<9.5	<9.5	<9.5	<9.5	<9.5	<4.7	<19	<4.7	<4.7	<19
BH15-4	Soil sample collected at 4' from boring BH15	02/08/2012	<10	<10	<10	<10	<10	<5.0	<20	<5.0	<5.0	<20
BH15-8	Soil sample collected at 8' from boring BH15	02/08/2012	<9.9	<9.9	<9.9	<9.9	<9.9	<4.9	28	<4.9	<4.9	<20
BH15-12	Soil sample collected at 12' from boring BH15	02/08/2012	<500	<500	<500	<500	<500	<500	<1,000	<250	<250	<1,000
BH15-16	Soil sample collected at 16' from boring BH15	02/08/2012	<10	<10	<10	<10	<10	<5.0	<20	<5.0	<5.0	<20
Direct Exposure Soil Screening Levels (Residential Exposure Scenario**)			--	6,400	22	390	850	--	500	--	1,000	77

TABLE 12 (Continue)  
SUMMARY OF CHEMICAL ANALYSES FOR PURGEABLE ORGANICS BY GC/MS  
SOIL SAMPLES COLLECTED FROM THE BOREHOLES  
2145 35<sup>TH</sup> Avenue  
Oakland, California

Sample ID	Description	Date Sampled	Carbon Disulfide (ug/kg)	MTBE (ug/kg)	Trans-1,2-Dichloro ethene (ug/kg)	Vinyl Acetate (ug/kg)	1,1-Dichloro ethane (ug/kg)	2-Butanone (ug/kg)	Cis-1,2-Dichloro ethene (ug/kg)	2,2-Dichloro propane (ug/kg)	Chloroform (ug/kg)	Bromo-Chloro methane (ug/kg)
P1-5	Soil sample collected at 5' from boring P1	01/25/2012	<4.8	<4.8	<4.8	<48	<4.8	<9.7	<4.8	<4.8	<4.8	<4.8
P1-14	Soil sample collected at 14' from boring P1	01/25/2012	<4.8	<4.8	<4.8	<48	<4.8	<9.7	<4.8	<4.8	<4.8	<4.8
P2-8	Soil sample collected at 8' from boring P2	01/25/2012	<4.9	<4.9	<4.9	<49	<4.9	<9.8	<4.9	<4.9	<4.9	<4.9
P2-12	Soil sample collected at 12' from boring P2	01/25/2012	<1,000	<1,000	<1,000	<10,000	<1,000	<2,000	<1,000	<1,000	<1,000	<1,000
P2-16	Soil sample collected at 16' from boring P2	01/25/2012	<5.0	<5.0	<5.0	<50	<5.0	<10	<5.0	<5.0	<5.0	<5.0
P2-20	Soil sample collected at 20' from boring P2	01/25/2012	<4.8	<4.8	<4.8	<48	<4.8	<9.6	<4.8	<4.8	<4.8	<4.8
P3-8	Soil sample collected at 8' from boring P3	01/25/2012	<4.8	<4.8	<4.8	<48	<4.8	<9.6	<4.8	<4.8	<4.8	<4.8
P3-12	Soil sample collected at 12' from boring P3	01/25/2012	<4.7	<4.7	<4.7	<47	<4.7	<9.5	<4.7	<4.7	<47	<4.7
P4-8	Soil sample collected at 8' from boring P4	01/25/2012	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<4.8	<4.8	<4.8	<4.8
P4-12	Soil sample collected at 12' from boring P4	01/25/2012	<4.8	<4.8	<4.8	<4.8	<4.8	<9.7	<4.8	<4.8	<4.8	<4.8
BH5-5	Soil sample collected at 5' from boring BH5	02/06/2012	<49	<49	<49	<490	<49	<98	<49	<49	<49	<49
BH5-8	Soil sample collected at 8' from boring BH5	02/06/2012	<250	<250	<250	<2,500	<250	<500	<250	<250	<250	<250
BH5-12	Soil sample collected at 12' from boring BH5	02/06/2012	<48	<48	<48	<480	<48	<96	<48	<48	<48	<48
BH5-30	Soil sample collected at 30' from boring BH5	02/06/2012	<4.9	<4.9	<4.9	<49	<4.9	<9.8	<4.9	<4.9	<4.9	<4.9
BH6-8	Soil sample collected at 8' from boring BH6	01/25/2012	<4.9	<4.9	<4.9	<49	<4.9	<9.9	<4.9	<4.9	<4.9	<4.9
BH6-12	Soil sample collected at 12' from boring BH6	01/25/2012	<50	<50	<50	<500	<50	<100	<50	<50	<50	<50
BH6-16	Soil sample collected at 16' from boring BH6	01/25/2012	<4.9	<4.9	<4.9	<49	<4.9	<9.7	<4.9	<4.9	<4.9	<4.9
BH7-8	Soil sample collected at 8' from boring BH7	01/25/2012	<4.9	<4.9	<4.9	<49	<4.9	<9.9	<4.9	<4.9	<4.9	<4.9
BH7-12	Soil sample collected at 12' from boring BH7	01/25/2012	<4.8	<4.8	<4.8	<48	<4.8	<9.6	<4.8	<4.8	<4.8	<4.8
BH8-8	Soil sample collected at 8' from boring BH8	01/25/2012	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<4.8	<4.8	<4.8	<4.8
BH8-12	Soil sample collected at 12' from boring BH8	01/25/2012	<25	<25	<25	<250	<25	<100	120	<25	<25	<25
BH8-16	Soil sample collected at 16' from boring BH8	01/25/2012	<4.9	<4.9	<4.9	<49	<4.9	<9.8	<4.9	<4.9	<4.9	<4.9
BH9-8	Soil sample collected at 8' from boring BH9	02/06/2012	<250	<250	<250	<2,500	<250	<500	<250	<250	<250	<250
BH9-16	Soil sample collected at 16' from boring BH9	02/06/2012	<4.8	<4.8	<4.8	<48	<4.8	<9.6	<4.8	<4.8	<4.8	<4.8
BH9-30	Soil sample collected at 30' from boring BH9	02/06/2012	<4.9	<4.9	<4.9	<49	<4.9	<9.8	<4.9	<4.9	<4.9	<4.9
BH10-9	Soil sample collected at 9' from boring BH10	02/06/2012	<4.9	<4.9	<4.9	<49	<4.9	<9.8	<4.9	<4.9	<4.9	<4.9
BH10-12	Soil sample collected at 12' from boring BH10	02/06/2012	<4.8	<4.8	<4.8	<48	<4.8	<9.7	<4.8	<4.8	<4.8	<4.8
BH11-8	Soil sample collected at 8' from boring BH11	02/08/2012	<4.8	<4.8	<4.8	<48	<4.8	<9.5	<4.8	<4.8	<4.8	<4.8
BH11-12	Soil sample collected at 12' from boring BH11	02/08/2012	<4.4	<4.4	<4.4	<44	<4.4	<8.9	<4.4	<4.4	<4.4	<4.4

Sample ID	Description	Date Sampled	Carbon Disulfide (ug/kg)	MTBE (ug/kg)	Trans-1,2-Dichloro ethene (ug/kg)	Vinyl Acetate (ug/kg)	1,1-Dichloro ethane (ug/kg)	2-Butanone (ug/kg)	Cis-1,2-Dichloro ethene (ug/kg)	2,2-Dichloro propane (ug/kg)	Chloroform (ug/kg)	Bromo-Chloro methane (ug/kg)
BH12-5	Soil sample collected at 5' from boring BH12	02/06/2012	<4.9	<4.9	<4.9	<49	<4.9	<9.8	<4.9	<4.9	<4.9	<4.9
BH12-12	Soil sample collected at 12' from boring BH12	02/06/2012	<4.7	<4.7	<4.7	<47	<4.7	<9.5	<4.7	<4.7	<47	<4.7
BH12-30	Soil sample collected at 30' from boring BH12	02/06/2012	<4.9	<4.9	<4.9	<49	<4.9	<9.7	<4.9	<4.9	<4.9	<4.9
BH13-5	Soil sample collected at 5' from boring BH13	02/08/2012	<4.9	<4.9	<4.9	<49	<4.9	<9.7	<4.9	<4.9	<4.9	<4.9
BH13-8	Soil sample collected at 8' from boring BH13	02/08/2012	<4.9	<4.9	<4.9	<49	<4.9	<9.7	<4.9	<4.9	<4.9	<4.9
BH14-8	Soil sample collected at 8' from boring BH14	02/08/2012	<4.7	<4.7	<4.7	<47	<4.7	<9.5	<4.7	<4.7	<47	<4.7
BH15-4	Soil sample collected at 4' from boring BH15	02/08/2012	<5.0	<5.0	<5.0	<50	<5.0	<10	<5.0	<5.0	<5.0	<5.0
BH15-8	Soil sample collected at 8' from boring BH15	02/08/2012	<4.9	<4.9	<4.9	<49	<4.9	<9.9	<4.9	<4.9	<4.9	<4.9
BH15-12	Soil sample collected at 12' from boring BH15	02/08/2012	<250	<250	<250	<2,500	<250	<500	<250	<250	<250	<250
BH15-16	Soil sample collected at 16' from boring BH15	02/08/2012	<5.0	<5.0	<5.0	<50	<5.0	<10	<5.0	<5.0	<5.0	<5.0
Direct Exposure Soil Screening Levels (Residential Exposure Scenario**)			--	23	670	--	200	3,900	190	120	680	570

TABLE 12 (Continue)  
SUMMARY OF CHEMICAL ANALYSES FOR PURGEABLE ORGANICS BY GC/MS  
SOIL SAMPLES COLLECTED FROM THE BOREHOLES  
2145 35<sup>TH</sup> Avenue  
Oakland, California

Sample ID	Description	Date Sampled	1,1,1-Trichloro ethane (ug/kg)	1,1-Dichloro propene (ug/kg)	Carbon Tetra chloride (ug/kg)	1,2-Dichloro ethane (ug/kg)	Benzene (ug/kg)	Trichloro ethene (ug/kg)	1,2-Dichloro propane (ug/kg)	Bromo dichloro-methane (ug/kg)	Dibromo-methane (ug/kg)
P1-5	Soil sample collected at 5' from boring P1	01/25/2012	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<48	<4.8
P1-14	Soil sample collected at 14' from boring P1	01/25/2012	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<48	<4.8
P2-8	Soil sample collected at 8' from boring P2	01/25/2012	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
P2-12	Soil sample collected at 12' from boring P2	01/25/2012	<1,000	<1,000	<1,000	<1,000	<1,000	<1,000	<1,000	<1,000	<1,000
P2-16	Soil sample collected at 16' from boring P2	01/25/2012	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
P2-20	Soil sample collected at 20' from boring P2	01/25/2012	<4.8	<4.8	<48	<4.8	<4.8	<4.8	<4.8	<48	<4.8
P3-8	Soil sample collected at 8' from boring P3	01/25/2012	<4.8	<4.8	<48	<4.8	<4.8	<4.8	<4.8	<48	<4.8
P3-12	Soil sample collected at 12' from boring P3	01/25/2012	<4.7	<47	<4.7	<4.7	<47	<4.7	<4.7	<47	<4.7
P4-8	Soil sample collected at 8' from boring P4	01/25/2012	<4.8	<4.8	<48	<4.8	<4.8	<4.8	<4.8	<48	<4.8
P4-12	Soil sample collected at 12' from boring P4	01/25/2012	<4.8	<4.8	<48	<4.8	<4.8	<4.8	<4.8	<48	<4.8
BH5-5	Soil sample collected at 5' from boring BH5	02/06/2012	<49	<49	<49	<49	<49	<49	<49	<49	<49
BH5-8	Soil sample collected at 8' from boring BH5	02/06/2012	<250	<250	<250	<250	<250	<250	<250	<250	<250
BH5-12	Soil sample collected at 12' from boring BH5	02/06/2012	<48	<48	<48	<48	<48	<48	<48	<48	<48
BH5-30	Soil sample collected at 30' from boring BH5	02/06/2012	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
BH6-8	Soil sample collected at 8' from boring BH6	01/25/2012	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
BH6-12	Soil sample collected at 12' from boring BH6	01/25/2012	<50	<50	<50	<50	<50	<50	<50	<50	<50
BH6-16	Soil sample collected at 16' from boring BH6	01/25/2012	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
BH7-8	Soil sample collected at 8' from boring BH7	01/25/2012	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
BH7-12	Soil sample collected at 12' from boring BH7	01/25/2012	<4.8	<4.8	<48	<4.8	<4.8	<4.8	<4.8	<48	<4.8
BH8-8	Soil sample collected at 8' from boring BH8	01/25/2012	<4.8	<4.8	<48	<4.8	<4.8	<4.8	<4.8	<48	<4.8
BH8-12	Soil sample collected at 12' from boring BH8	01/25/2012	<25	<25	<25	<25	<25	<25	<25	<25	<25
BH8-16	Soil sample collected at 16' from boring BH8	01/25/2012	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
BH9-8	Soil sample collected at 8' from boring BH9	02/06/2012	<250	<250	<250	<250	<250	<250	<250	<250	<250
BH9-16	Soil sample collected at 16' from boring BH9	02/06/2012	<4.8	<4.8	<48	<4.8	<4.8	<4.8	<4.8	<48	<4.8
BH9-30	Soil sample collected at 30' from boring BH9	02/06/2012	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
BH10-9	Soil sample collected at 9' from boring BH10	02/06/2012	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
BH10-12	Soil sample collected at 12' from boring BH10	02/06/2012	<4.8	<4.8	<48	<4.8	<4.8	<4.8	<4.8	<48	<4.8
BH11-8	Soil sample collected at 8' from boring BH11	02/08/2012	<4.8	<4.8	<48	<4.8	<4.8	<4.8	<4.8	<48	<4.8
BH11-12	Soil sample collected at 12' from boring BH11	02/08/2012	<4.4	<4.4	<4.4	<44	<4.4	<4.4	<4.4	<44	<4.4



Sample ID	Description	Date Sampled	1,1,1-Trichloro ethane (ug/kg)	1,1-Dichloro propene (ug/kg)	Carbon Tetra chloride (ug/kg)	1,2-Dichloro ethane (ug/kg)	Benzene (ug/kg)	Trichloro ethene (ug/kg)	1,2-Dichloro propane (ug/kg)	Bromo dichloro-methane (ug/kg)	Dibromo-methane (ug/kg)
BH12-5	Soil sample collected at 5' from boring BH12	02/06/2012	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
BH12-12	Soil sample collected at 12' from boring BH12	02/06/2012	<4.7	<4.7	<4.7	<4.7	<47	<4.7	<4.7	<47	<4.7
BH12-30	Soil sample collected at 30' from boring BH12	02/06/2012	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
BH13-5	Soil sample collected at 5' from boring BH13	02/08/2012	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
BH13-8	Soil sample collected at 8' from boring BH13	02/08/2012	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
BH14-8	Soil sample collected at 8' from boring BH14	02/08/2012	<4.7	<4.7	<4.7	<4.7	<47	<4.7	<4.7	<47	<4.7
BH15-4	Soil sample collected at 4' from boring BH15	02/08/2012	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
BH15-8	Soil sample collected at 8' from boring BH15	02/08/2012	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
BH15-12	Soil sample collected at 12' from boring BH15	02/08/2012	<250	<250	<250	<250	<250	<250	<250	<250	<250
BH15-16	Soil sample collected at 16' from boring BH15	02/08/2012	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Direct Exposure Soil Screening Levels (Residential Exposure Scenario**)			7,800	59	20	200	44	460	120	570	--

TABLE 12 (Continue)  
SUMMARY OF CHEMICAL ANALYSES FOR PURGEABLE ORGANICS BY GC/MS  
SOIL SAMPLES COLLECTED FROM THE BOREHOLES  
2145 35<sup>TH</sup> Avenue  
Oakland, California

Sample ID	Description	Date Sampled	4-Methyl-1-2-pentanone (ug/kg)	Cis-1,3-Dichloro propene (ug/kg)	Toluene (ug/kg)	Trans-1,3-Dichloro propene (ug/kg)	1,1,2-Trichloro ethane (ug/kg)	2-Hexanone (ug/kg)	1,3-Dichloro propane (ug/kg)	Tetra-chloro ethene (ug/kg)	Dibromo chloro-methane (ug/kg)
P1-5	Soil sample collected at 5' from boring P1	01/25/2012	<9.7	<4.8	<48	<4.8	<4.8	<9.7	<4.8	<48	<4.8
P1-14	Soil sample collected at 14' from boring P1	01/25/2012	<9.7	<4.8	<48	<4.8	<4.8	<9.7	<4.8	<48	<4.8
P2-8	Soil sample collected at 8' from boring P2	01/25/2012	<9.7	<4.9	<4.9	<4.9	<4.9	<9.7	<4.9	<4.9	<4.9
P2-12	Soil sample collected at 12' from boring P2	01/25/2012	<2,000	<1,000	<1,000	<1,000	<1,000	<2,000	<1,000	<1,000	<1,000
P2-16	Soil sample collected at 16' from boring P2	01/25/2012	<10	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
P2-20	Soil sample collected at 20' from boring P2	01/25/2012	<9.6	<4.8	<4.8	<4.8	<4.8	<9.6	<4.8	<48	<4.8
P3-8	Soil sample collected at 8' from boring P3	01/25/2012	<9.6	<4.8	<48	<4.8	<4.8	<9.6	<4.8	<48	<4.8
P3-12	Soil sample collected at 12' from boring P3	01/25/2012	<9.5	<4.7	<4.7	<4.7	<4.7	<9.5	<4.7	<4.7	<4.7
P4-8	Soil sample collected at 8' from boring P4	01/25/2012	<9.5	<4.8	<48	<4.8	<4.8	<9.5	<4.8	<48	<4.8
P4-12	Soil sample collected at 12' from boring P4	01/25/2012	<9.7	<4.8	<48	<4.8	<4.8	<9.7	<4.8	<48	<4.8
BH5-5	Soil sample collected at 5' from boring BH5	02/06/2012	<98	<49	<49	<49	<49	<98	<49	<49	<49
BH5-8	Soil sample collected at 8' from boring BH5	02/06/2012	<500	<250	<250	<250	<250	<500	<250	<250	<250
BH5-12	Soil sample collected at 12' from boring BH5	02/06/2012	<96	<48	<48	<48	<48	<96	<48	<48	<48
BH5-30	Soil sample collected at 30' from boring BH5	02/06/2012	<9.7	<4.9	<4.9	<4.9	<4.9	<9.8	<4.9	<4.9	<4.9
BH6-8	Soil sample collected at 8' from boring BH6	01/25/2012	<9.9	<4.9	<4.9	<4.9	<4.9	<9.9	<4.9	<4.9	<4.9
BH6-12	Soil sample collected at 12' from boring BH6	01/25/2012	<100	<50	<50	<50	<50	<100	<50	<50	<50
BH6-16	Soil sample collected at 16' from boring BH6	01/25/2012	<9.7	<4.9	<4.9	<4.9	<4.9	<9.7	<4.9	<4.9	<4.9
BH7-8	Soil sample collected at 8' from boring BH7	01/25/2012	<9.9	<4.9	<4.9	<4.9	<4.9	<9.9	<4.9	<4.9	<4.9
BH7-12	Soil sample collected at 12' from boring BH7	01/25/2012	<9.6	<4.8	<4.8	<4.8	<4.8	<9.6	<4.8	<48	<4.8
BH8-8	Soil sample collected at 8' from boring BH8	01/25/2012	<9.5	<4.8	<48	<4.8	<4.8	<9.5	<4.8	<48	<4.8
BH8-12	Soil sample collected at 12' from boring BH8	01/25/2012	<50	<25	<25	<25	<25	<50	<25	<25	<25
BH8-16	Soil sample collected at 16' from boring BH8	01/25/2012	<9.8	<4.9	<4.9	<4.9	<4.9	<9.8	<4.9	<4.9	<4.9
BH9-8	Soil sample collected at 8' from boring BH9	02/06/2012	<500	<250	<250	<250	<250	<500	<250	<250	<250
BH9-16	Soil sample collected at 16' from boring BH9	02/06/2012	<9.6	<4.8	<48	<4.8	<4.8	<9.6	<4.8	<48	<4.8
BH9-30	Soil sample collected at 30' from boring BH9	02/06/2012	<9.8	<4.9	<4.9	<4.9	<4.9	<9.8	<4.9	<4.9	<4.9
BH10-9	Soil sample collected at 9' from boring BH10	02/06/2012	<9.8	<4.9	<4.9	<4.9	<4.9	<9.8	<4.9	<4.9	<4.9
BH10-12	Soil sample collected at 12' from boring BH10	02/06/2012	<9.7	<4.8	<48	<4.8	<4.8	<9.7	<4.8	<48	<4.8
BH11-8	Soil sample collected at 8' from boring BH11	02/08/2012	<9.5	<4.8	<48	<4.8	<4.8	<9.5	<4.8	<48	<4.8
BH11-12	Soil sample collected at 12' from boring BH11	02/08/2012	<8.9	<4.4	<4.4	<4.4	<4.4	<8.9	<4.4	<4.4	<4.4

Sample ID	Description	Date Sampled	4-Methyl-1,2-pentanone (ug/kg)	Cis-1,3-Dichloro propene (ug/kg)	Toluene (ug/kg)	Trans-1,3-Dichloro propene (ug/kg)	1,1,2-Trichloro ethane (ug/kg)	2-Hexanone (ug/kg)	1,3-Dichloro propane (ug/kg)	Tetra-chloro ethene (ug/kg)	Dibromo chloro-methane (ug/kg)
BH12-5	Soil sample collected at 5' from boring BH12	02/06/2012	<9.8	<4.9	<4.9	<4.9	<4.9	<9.7	<4.9	<4.9	<4.9
BH12-12	Soil sample collected at 12' from boring BH12	02/06/2012	<9.5	<4.7	<4.7	<4.7	<4.7	<9.5	<4.7	<4.7	<4.7
BH12-30	Soil sample collected at 30' from boring BH12	02/06/2012	<9.7	<4.9	<4.9	<4.9	<4.9	<9.7	<4.9	<4.9	<4.9
BH13-5	Soil sample collected at 5' from boring BH13	02/08/2012	<9.7	<4.9	<4.9	<4.9	<4.9	<9.7	<4.9	<4.9	<4.9
BH13-8	Soil sample collected at 8' from boring BH13	02/08/2012	<9.7	<4.9	<4.9	<4.9	<4.9	<9.7	<4.9	<4.9	<4.9
BH14-8	Soil sample collected at 8' from boring BH14	02/08/2012	<9.5	<4.7	<4.7	<4.7	<4.7	<9.5	<4.7	<4.7	<4.7
BH15-4	Soil sample collected at 4' from boring BH15	02/08/2012	<10	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
BH15-8	Soil sample collected at 8' from boring BH15	02/08/2012	<9.9	<4.9	<4.9	<4.9	<4.9	<9.7	<4.9	<4.9	<4.9
BH15-12	Soil sample collected at 12' from boring BH15	02/08/2012	<500	<250	<250	<250	<250	<500	<250	<250	<250
BH15-16	Soil sample collected at 16' from boring BH15	02/08/2012	<10	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
Direct Exposure Soil Screening Levels (Residential Exposure Scenario**)			2,800	590	2,900	590	240	--	120	370	7,600

TABLE 12 (Continue)  
SUMMARY OF CHEMICAL ANALYSES FOR PURGEABLE ORGANICS BY GC/MS  
SOIL SAMPLES COLLECTED FROM THE BOREHOLES  
2145 35<sup>TH</sup> Avenue  
Oakland, California

Sample ID	Description	Date Sampled	1,2-Dibromoethane (ug/kg)	Choloro benzene (ug/kg)	1,1,1,2-Tetrachloro ethane (ug/kg)	Ethyl-benzene (ug/kg)	m,p-Xylenes (ug/kg)	o-Xylenes (ug/kg)	Styrene (ug/kg)	Bromoform (ug/kg)	Isopropyl-benzene (ug/kg)	1,1,2,2-Tetra chloethane (ug/kg)
P1-5	Soil sample collected at 5' from boring P1	01/25/2012	<4.8	<4.8	<48	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8
P1-14	Soil sample collected at 14' from boring P1	01/25/2012	<4.8	<4.8	<48	<4.8	<4.8	<4.8	<4.8	<48	<4.8	<4.8
P2-8	Soil sample collected at 8' from boring P2	01/25/2012	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
P2-12	Soil sample collected at 12' from boring P2	01/25/2012	<1,000	<1,000	<1,000	<1,000	<1,000	<1,000	<1,000	<1,000	1,300	<1,000
P2-16	Soil sample collected at 16' from boring P2	01/25/2012	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
P2-20	Soil sample collected at 20' from boring P2	01/25/2012	<4.8	<4.8	<48	<4.8	<4.8	<4.8	<4.8	<48	<4.8	<4.8
P3-8	Soil sample collected at 8' from boring P3	01/25/2012	<4.8	<4.8	<48	<4.8	<4.8	<4.8	<4.8	<48	<4.8	<4.8
P3-12	Soil sample collected at 12' from boring P3	01/25/2012	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7
P4-8	Soil sample collected at 8' from boring P4	01/25/2012	<4.8	<4.8	<48	<4.8	<4.8	<4.8	<4.8	<48	<4.8	<4.8
P4-12	Soil sample collected at 12' from boring P4	01/25/2012	<4.8	<4.8	<48	<4.8	<4.8	<4.8	<4.8	<48	<4.8	<4.8
BH5-5	Soil sample collected at 5' from boring BH5	02/06/2012	<49	<49	<49	360	220	<49	<49	<49	67	<49
BH5-8	Soil sample collected at 8' from boring BH5	02/06/2012	<250	<250	<250	<b>6,400</b>	<b>5,900</b>	<250	<250	<250	<b>1,500</b>	<250
BH5-12	Soil sample collected at 12' from boring BH5	02/06/2012	<48	<48	<48	<b>1,300</b>	150	<48	<48	<48	550	<48
BH5-30	Soil sample collected at 30' from boring BH5	02/06/2012	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
BH6-8	Soil sample collected at 8' from boring BH6	01/25/2012	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
BH6-12	Soil sample collected at 12' from boring BH6	01/25/2012	<50	<50	<50	<50	<50	<50	<50	<50	<b>750</b>	<50
BH6-16	Soil sample collected at 16' from boring BH6	01/25/2012	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
BH7-8	Soil sample collected at 8' from boring BH7	01/25/2012	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
BH7-12	Soil sample collected at 12' from boring BH7	01/25/2012	<4.8	<4.8	<48	<4.8	<4.8	<4.8	<4.8	<48	<4.8	<4.8
BH8-8	Soil sample collected at 8' from boring BH8	01/25/2012	<4.8	<4.8	<48	<4.8	<4.8	<4.8	<4.8	<48	<4.8	<4.8
BH8-12	Soil sample collected at 12' from boring BH8	01/25/2012	<25	<25	<25	<25	<25	<25	<25	<25	110	<25
BH8-16	Soil sample collected at 16' from boring BH8	01/25/2012	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
BH9-8	Soil sample collected at 8' from boring BH9	02/06/2012	<250	<250	<250	<b>2,000</b>	<b>1,700</b>	<250	<250	<250	760	<250
BH9-16	Soil sample collected at 16' from boring BH9	02/06/2012	<4.8	<4.8	<48	<4.8	<4.8	<4.8	<4.8	<48	<4.8	<4.8
BH9-30	Soil sample collected at 30' from boring BH9	02/06/2012	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
BH10-9	Soil sample collected at 9' from boring BH10	02/06/2012	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
BH10-12	Soil sample collected at 12' from boring BH10	02/06/2012	<4.8	<4.8	<48	<4.8	<4.8	<4.8	<4.8	<48	<4.8	<4.8
BH11-8	Soil sample collected at 8' from boring BH11	02/08/2012	<4.8	<4.8	<48	<4.8	<4.8	<4.8	<4.8	<48	<4.8	<4.8
BH11-12	Soil sample collected at 12' from boring BH11	02/08/2012	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4

Sample ID	Description	Date Sampled	1,2-Dibromoethane (ug/kg)	Choloro benzene (ug/kg)	1,1,1,2-Tetrachloroethane (ug/kg)	Ethyl-benezene (ug/kg)	m,p-Xylenes (ug/kg)	o-Xylenes (ug/kg)	Styrene (ug/kg)	Bromoform (ug/kg)	Isopropyl-benzene (ug/kg)	1,1,2,2-Tetra chloethane (ug/kg)
BH12-5	Soil sample collected at 5' from boring BH12	02/06/2012	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
BH12-12	Soil sample collected at 12' from boring BH12	02/06/2012	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7
BH12-30	Soil sample collected at 30' from boring BH12	02/06/2012	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
BH13-5	Soil sample collected at 5' from boring BH13	02/08/2012	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
BH13-8	Soil sample collected at 8' from boring BH13	02/08/2012	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
BH14-8	Soil sample collected at 8' from boring BH14	02/08/2012	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7
BH15-4	Soil sample collected at 4' from boring BH15	02/08/2012	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
BH15-8	Soil sample collected at 8' from boring BH15	02/08/2012	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
BH15-12	Soil sample collected at 12' from boring BH15	02/08/2012	<250	<250	<250	<250	<250	<250	<250	<250	<b>2,100</b>	<250
BH15-16	Soil sample collected at 16' from boring BH15	02/08/2012	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Direct Exposure Soil Screening Levels (Residential Exposure Scenario**)			0.33	1,500	24	2,300	1,150	1,150	1,500	2,200	--	180

TABLE 12 (Continue)  
SUMMARY OF CHEMICAL ANALYSES FOR PURGEABLE ORGANICS BY GC/MS  
SOIL SAMPLES COLLECTED FROM THE BOREHOLES  
2145 35<sup>TH</sup> Avenue  
Oakland, California

Sample ID	Description	Date Sampled	1,2,3-Trichloro propane (ug/kg)	Propyl benzene (ug/kg)	Bromo benzene (ug/kg)	1,3,5-Trimethyl bezene (ug/kg)	2-Chro toluene (ug/kg)	4-Chro toluene (ug/kg)	tert-butyl benzene (ug/kg)	1,2,4-Trimethyl-benzene (ug/kg)	sec-Butyl benzene (ug/kg)	Para-Isopropyl Toluene (ug/kg)
P1-5	Soil sample collected at 5' from boring P1	01/25/2012	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8
P1-14	Soil sample collected at 14' from boring P1	01/25/2012	<4.8	<4.8	<48	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8
P2-8	Soil sample collected at 8' from boring P2	01/25/2012	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
P2-12	Soil sample collected at 12' from boring P2	01/25/2012	<1,000	<b>5,200</b>	<1,000	<b>1,400</b>	<1,000	<1,000	<1,000	<1,000	<1,000	<1,000
P2-16	Soil sample collected at 16' from boring P2	01/25/2012	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
P2-20	Soil sample collected at 20' from boring P2	01/25/2012	<4.8	<4.8	<48	<4.8	<4.8	<4.8	<4.8	<48	<4.8	<4.8
P3-8	Soil sample collected at 8' from boring P3	01/25/2012	<4.8	<4.8	<48	<4.8	<4.8	<4.8	<4.8	<48	<4.8	<4.8
P3-12	Soil sample collected at 12' from boring P3	01/25/2012	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7
P4-8	Soil sample collected at 8' from boring P4	01/25/2012	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8
P4-12	Soil sample collected at 12' from boring P4	01/25/2012	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8
BH5-5	Soil sample collected at 5' from boring BH5	02/06/2012	<49	280	<49	280	<49	<49	<49	<b>3,500</b>	<49	<49
BH5-8	Soil sample collected at 8' from boring BH5	02/06/2012	<250	<b>5,200</b>	<250	<b>7,600</b>	<250	<250	<250	<b>36,000</b>	<b>790</b>	<b>570</b>
BH5-12	Soil sample collected at 12' from boring BH5	02/06/2012	<48	<b>1,600</b>	<48	72	<48	<48	92	<48	240	150
BH5-30	Soil sample collected at 30' from boring BH5	02/06/2012	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
BH6-8	Soil sample collected at 8' from boring BH6	01/25/2012	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
BH6-12	Soil sample collected at 12' from boring BH6	01/25/2012	<50	<b>1,800</b>	<50	<50	<50	<50	<b>250</b>	<50	<b>620</b>	<50
BH6-16	Soil sample collected at 16' from boring BH6	01/25/2012	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
BH7-8	Soil sample collected at 8' from boring BH7	01/25/2012	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
BH7-12	Soil sample collected at 12' from boring BH7	01/25/2012	<4.8	<4.8	<48	<4.8	<4.8	<4.8	<4.8	<48	<4.8	<4.8
BH8-8	Soil sample collected at 8' from boring BH8	01/25/2012	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8
BH8-12	Soil sample collected at 12' from boring BH8	01/25/2012	<25	<b>510</b>	<25	<25	<25	<25	<25	<25	54	<25
BH8-16	Soil sample collected at 16' from boring BH8	01/25/2012	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
BH9-8	Soil sample collected at 8' from boring BH9	02/06/2012	<250	<b>3,100</b>	<250	<b>2,800</b>	<250	<250	<250	<b>15,000</b>	<b>570</b>	<b>370</b>
BH9-16	Soil sample collected at 16' from boring BH9	02/06/2012	<4.8	<4.8	<48	<4.8	<4.8	<4.8	<4.8	9.4	<4.8	<4.8
BH9-30	Soil sample collected at 30' from boring BH9	02/06/2012	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
BH10-9	Soil sample collected at 9' from boring BH10	02/06/2012	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
BH10-12	Soil sample collected at 12' from boring BH10	02/06/2012	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8
BH11-8	Soil sample collected at 8' from boring BH11	02/08/2012	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8
BH11-12	Soil sample collected at 12' from boring BH11	02/08/2012	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4

Sample ID	Description	Date Sampled	1,2,3-Trichloro propane (ug/kg)	Propyl benzene (ug/kg)	Bromo benzene (ug/kg)	1,3,5-Trimethyl bezene (ug/kg)	2-Chro toluene (ug/kg)	4-Chro toluene (ug/kg)	tert-butyl benzene (ug/kg)	1,2,4-Trimethyl-benzene (ug/kg)	sec-Butyl benzene (ug/kg)	Para-Isopropyl Toluene (ug/kg)
BH12-5	Soil sample collected at 5' from boring BH12	02/06/2012	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
BH12-12	Soil sample collected at 12' from boring BH12	02/06/2012	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7
BH12-30	Soil sample collected at 30' from boring BH12	02/06/2012	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
BH13-5	Soil sample collected at 5' from boring BH13	02/08/2012	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
BH13-8	Soil sample collected at 8' from boring BH13	02/08/2012	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
BH14-8	Soil sample collected at 8' from boring BH14	02/08/2012	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7
BH15-4	Soil sample collected at 4' from boring BH15	02/08/2012	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
BH15-8	Soil sample collected at 8' from boring BH15	02/08/2012	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
BH15-12	Soil sample collected at 12' from boring BH15	02/08/2012	<250	<b>8,000</b>	<250	<250	<250	<250	280	<250	<b>1,200</b>	<250
BH15-16	Soil sample collected at 16' from boring BH15	02/08/2012	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Direct Exposure Soil Screening Levels (Residential Exposure Scenario**)			--	--	--	--	--	--	--	--	--	--

TABLE 12 (Continue)  
SUMMARY OF CHEMICAL ANALYSES FOR PURGEABLE ORGANICS BY GC/MS  
SOIL SAMPLES COLLECTED FROM THE BOREHOLES  
2145 35<sup>TH</sup> Avenue  
Oakland, California

Sample ID	Description	Date Sampled	1,3-Dichloro-benzene (ug/kg)	1,4-Dichloro-benzene (ug/kg)	n-Butyl benzene (ug/kg)	1,2-Dichloro benzene (ug/kg)	1,2-Dibromo-3-Chloro propane (ug/kg)	1,2,4-Trichloro benzene (ug/kg)	Hexa-Chloro-butadiene (ug/kg)	Naphtalene (ug/kg)	1,2,3-Trichloro-benzene
P1-5	Soil sample collected at 5' from boring P1	01/25/2012	<4.8	<4.8	<48	<4.8	<4.8	<4.8	<4.8	<48	<4.8
P1-14	Soil sample collected at 14' from boring P1	01/25/2012	<4.8	<4.8	<48	<4.8	<4.8	<4.8	<4.8	<48	<4.8
P2-8	Soil sample collected at 8' from boring P2	01/25/2012	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
P2-12	Soil sample collected at 12' from boring P2	01/25/2012	<1,000	<1,000	<b>2,200</b>	<1,000	<1,000	<1,000	<1,000	<b>6,500</b>	<1,000
P2-16	Soil sample collected at 16' from boring P2	01/25/2012	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
P2-20	Soil sample collected at 20' from boring P2	01/25/2012	<4.8	<4.8	<48	<4.8	<4.8	<4.8	<4.8	<48	<4.8
P3-8	Soil sample collected at 8' from boring P3	01/25/2012	<4.8	<4.8	<48	<4.8	<4.8	<4.8	<4.8	<48	<4.8
P3-12	Soil sample collected at 12' from boring P3	01/25/2012	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7
P4-8	Soil sample collected at 8' from boring P4	01/25/2012	<4.8	<4.8	<48	<4.8	<4.8	<4.8	<4.8	<48	<4.8
P4-12	Soil sample collected at 12' from boring P4	01/25/2012	<4.8	<4.8	<48	<4.8	<4.8	<4.8	<4.8	<48	<4.8
BH5-5	Soil sample collected at 5' from boring BH5	02/06/2012	<49	<49	180	<49	<49	<49	<49	630	<49
BH5-8	Soil sample collected at 8' from boring BH5	02/06/2012	<250	<250	<b>2,500</b>	<250	<250	<250	<250	<b>5,000</b>	<250
BH5-12	Soil sample collected at 12' from boring BH5	02/06/2012	<48	<48	780	<48	<48	<48	<48	<b>1,800</b>	<48
BH5-30	Soil sample collected at 30' from boring BH5	02/06/2012	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
BH6-8	Soil sample collected at 8' from boring BH6	01/25/2012	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
BH6-12	Soil sample collected at 12' from boring BH6	01/25/2012	<50	<50	<b>1,600</b>	<50	<50	<50	<50	840	<50
BH6-16	Soil sample collected at 16' from boring BH6	01/25/2012	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
BH7-8	Soil sample collected at 8' from boring BH7	01/25/2012	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
BH7-12	Soil sample collected at 12' from boring BH7	01/25/2012	<4.8	<4.8	<48	<4.8	<4.8	<4.8	<4.8	<48	<4.8
BH8-8	Soil sample collected at 8' from boring BH8	01/25/2012	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8
BH8-12	Soil sample collected at 12' from boring BH8	01/25/2012	<25	<25	220	<25	<25	<25	<25	710	<25
BH8-16	Soil sample collected at 16' from boring BH8	01/25/2012	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
BH9-8	Soil sample collected at 8' from boring BH9	02/06/2012	<250	<250	<b>2,200</b>	<250	<250	<250	<250	<b>5,800</b>	<250
BH9-16	Soil sample collected at 16' from boring BH9	02/06/2012	<4.8	<4.8	<48	<4.8	<4.8	<4.8	<4.8	5.7	<4.8
BH9-30	Soil sample collected at 30' from boring BH9	02/06/2012	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
BH10-9	Soil sample collected at 9' from boring BH10	02/06/2012	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
BH10-12	Soil sample collected at 12' from boring BH10	02/06/2012	<4.8	<4.8	<48	<4.8	<4.8	<4.8	<4.8	<48	<4.8
BH11-8	Soil sample collected at 8' from boring BH11	02/08/2012	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8



Sample ID	Description	Date Sampled	1,3-Dichloro-benzene (ug/kg)	1,4-Dichloro-benzene (ug/kg)	n-Butyl benzene (ug/kg)	1,2-Dichloro benzene (ug/kg)	1,2-Dibromo-3-Chloro propane (ug/kg)	1,2,4-Trichloro benzene (ug/kg)	Hexa-Chloro-butadiene (ug/kg)	Naphtalene (ug/kg)	1,2,3-Trichloro-benzene
BH11-12	Soil sample collected at 12' from boring BH11	02/08/2012	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4
BH12-5	Soil sample collected at 5' from boring BH12	02/06/2012	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
BH12-12	Soil sample collected at 12' from boring BH12	02/06/2012	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7
BH12-30	Soil sample collected at 30' from boring BH12	02/06/2012	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
BH13-5	Soil sample collected at 5' from boring BH13	02/08/2012	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
BH13-8	Soil sample collected at 8' from boring BH13	02/08/2012	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
BH14-8	Soil sample collected at 8' from boring BH14	02/08/2012	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
BH15-4	Soil sample collected at 4' from boring BH15	02/08/2012	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
BH15-8	Soil sample collected at 8' from boring BH15	02/08/2012	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
BH15-12	Soil sample collected at 12' from boring BH15	02/08/2012	<250	<250	<b>3,800</b>	<250	<250	<250	280	<b>7,500</b>	<250
BH15-16	Soil sample collected at 16' from boring BH15	02/08/2012	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Direct Exposure Soil Screening Levels (Residential Exposure Scenario**)			7,400	590	--	1,100	4.5	1,500	2,200	1,300	--

ug/kg = Microgram per kilogram or part per billion

**Bold** = Concentration presented in bold where such a value is at or exceeds one of the environmental screening levels (ESLs) listed

-- = No established value listed.

\*\* Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, Table A-1

Prepared by: California Regional Water Quality Control Board, San Francisco Bay Region,

INTERIM FINAL - November 2007, (Revised May 2008)

**Bold** = Concentration presented in bold where such a value is at or exceeds one of the environmental screening levels (ESLs) listed

TABLE 13  
SUMMARY OF CHEMICAL ANALYSES  
FOR THE 5 LEAKING UNDERGROUND STORAGE TANK (LUFT) METALS  
SOIL SAMPLES COLLECTED FROM THE BOREHOLES  
2145 35<sup>th</sup> Avenue  
Oakland, California

Sample ID	Description	Date Sampled	Cadmium (Cd) (mg/kg) <sup>(1)</sup>	Chromium (Cr) (mg/kg)	Lead (Pb) (mg/kg)	Nickel (Ni) (mg/kg)	Zinc (Zn) (mg/kg)
P1-1	Soil sample collected at less than 1' below surface from boring P1	01/25/2012	NA	NA	19	NA	NA
P1-5	Soil sample collected at 5' from boring P1	01/25/2012	0.25	94	3.0	<b>190</b>	35
P1-14	Soil sample collected at 14' from boring P1	01/25/2012	0.27	99	2.9	<b>170</b>	37
P2-1	Soil sample collected at less than 1' below surface from boring P2	01/25/2012	NA	NA	12	NA	NA
P2-8	Soil sample collected at 8' from boring P2	01/25/2012	0.25	91	4.3	130	32
P2-12	Soil sample collected at 12' from boring P2	01/25/2012	<0.24	100	7.9	<b>170</b>	35
P2-16	Soil sample collected at 16' from boring P2	01/25/2012	<0.24	34	4.4	63	38
P2-20	Soil sample collected at 20' from boring P2	01/25/2012	0.40	33	6.5	59	50
P3-1	Soil sample collected at less than 1' below surface from boring P3	01/25/2012	NA	NA	140	NA	NA
P3-8	Soil sample collected at 8' from boring P3	01/25/2012	<0.26	87	3.7	<b>160</b>	37
P3-12	Soil sample collected at 12' from boring P3	01/25/2012	<0.25	120	3.6	<b>210</b>	40
P4-1	Soil sample collected at less than 1' below surface from boring P4	01/25/2012	NA	NA	<b>310</b>	NA	NA
P4-8	Soil sample collected at 8' from boring P4	01/25/2012	0.34	140	3.8	<b>310</b>	49
P4-12	Soil sample collected at 12' from boring P4	01/25/2012	0.27	100	3.6	<b>240</b>	49
BH5-1	Soil sample collected at less than 1' below surface from boring BH5	02/06/2012	NA	NA	<b>300</b>	NA	NA
BH5-5	Soil sample collected at 5' from boring BH5	02/06/2012	<0.24	110	4.3	<b>200</b>	34
BH5-8	Soil sample collected at 8' from boring BH5	02/06/2012	<0.24	110	5.3	<b>170</b>	35
BH5-12	Soil sample collected at 12' from boring BH5	02/06/2012	<0.23	110	5.9	<b>240</b>	34
BH5-30	Soil sample collected at 30' from boring BH5	02/06/2012	0.40	44	6.9	55	62
BH6-1	Soil sample collected at less than 1' below surface from boring BH6	01/25/2012	NA	NA	94	NA	NA
BH6-8	Soil sample collected at 8' from boring BH6	01/25/2012	0.28	100	3.6	<b>190</b>	51
BH6-12	Soil sample collected at 12' from boring BH6	01/25/2012	0.42	180	6.2	<b>260</b>	45
BH6-16	Soil sample collected at 16' from boring BH6	01/25/2012	<0.23	26	5.8	43	38
BH7-1	Soil sample collected at less than 1' below surface from boring BH7	01/25/2012	NA	NA	160	NA	NA
BH7-8	Soil sample collected at 8' from boring BH7	01/25/2012	<0.23	110	2.3	<b>220</b>	38
BH7-12	Soil sample collected at 12' from boring BH7	01/25/2012	<0.24	140	2.9	<b>240</b>	35
BH8-1	Soil sample collected at less than 1' below surface from boring BH8	01/25/2012	NA	NA	30	NA	NA

Sample ID	Description	Date Sampled	Cadmium (Cd) (mg/kg) <sup>(1)</sup>	Chromium (Cr) (mg/kg)	Lead (Pb) (mg/kg)	Nickel (Ni) (mg/kg)	Zinc (Zn) (mg/kg)
BH8-8	Soil sample collected at 8' from boring BH8	01/25/2012	<0.25	100	2.8	<b>190</b>	33
BH8-12	Soil sample collected at 12' from boring BH8	01/25/2012	<0.24	110	4.9	<b>170</b>	35
BH8-16	Soil sample collected at 16' from boring BH8	01/25/2012	<0.23	180	3.5	<b>200</b>	40
BH9-1	Soil sample collected at less than 1' below surface from boring BH9	02/06/2012	NA	NA	20	NA	NA
BH9-8	Soil sample collected at 8' from boring BH9	02/06/2012	0.28	110	9.4	<b>180</b>	39
BH9-16	Soil sample collected at 16' from boring BH9	02/06/2012	<0.26	73	4.7	140	46
BH9-30	Soil sample collected at 30' from boring BH9	02/06/2012	0.34	58	8.5	72	65
BH10-1	Soil sample collected at less than 1' below surface from boring BH10	02/06/2012	NA	NA	48	NA	NA
BH10-9	Soil sample collected at 9' from boring BH10	02/06/2012	0.30	120	5.3	<b>360</b>	46
BH10-12	Soil sample collected at 12' from boring BH10	02/06/2012	<0.25	110	3.6	<b>220</b>	43
BH11-1	Soil sample collected at less than 1' below surface from boring BH11	02/08/2012	NA	NA	41	NA	NA
BH11-8	Soil sample collected at 8' from boring BH11	02/08/2012	<0.25	130	3.6	<b>210</b>	44
BH11-12	Soil sample collected at 12' from boring BH11	02/08/2012	<0.25	140	3.5	<b>210</b>	40
BH12-1	Soil sample collected at less than 1' below surface from boring BH12	02/06/2012	NA	NA	160	NA	NA
BH12-5	Soil sample collected at 5' from boring BH12	02/06/2012	<0.27	120	4.9	<b>210</b>	37
BH12-12	Soil sample collected at 12' from boring BH12	02/06/2012	0.67	810	3.7	<b>1,000</b>	36
BH12-30	Soil sample collected at 30' from boring BH12	02/06/2012	<0.25	29	4.4	40	40
BH13-1	Soil sample collected at less than 1' below surface from boring BH13	02/08/2012	NA	NA	39	NA	NA
BH13-5	Soil sample collected at 5' from boring BH13	02/08/2012	<0.23	110	2.3	<b>300</b>	37
BH13-8	Soil sample collected at 8' from boring BH13	02/08/2012	<0.24	130	2.5	<b>240</b>	54
BH14-1	Soil sample collected at less than 1' below surface from boring BH14	02/08/2012	NA	NA	28	NA	NA
BH14-8	Soil sample collected at 8' from boring BH14	02/08/2012	<0.25	130	6.1	<b>300</b>	42
BH15-1	Soil sample collected at less than 1' below surface from boring BH15	02/08/2012	NA	NA	17	NA	NA
BH15-4	Soil sample collected at 4' from boring BH15	02/08/2012	<0.25	160	2.9	<b>350</b>	43
BH15-8	Soil sample collected at 8' from boring BH15	02/08/2012	<0.23	110	2.7	<b>150</b>	35
BH15-12	Soil sample collected at 12' from boring BH15	02/08/2012	<0.24	120	5.1	<b>240</b>	40
BH15-16	Soil sample collected at 16' from boring BH15	02/08/2012	<0.24	120	2.3	<b>190</b>	40
Residential land use shallow soil, drinking water <sup>(2)</sup>			1.7	--	200	150	600
Residential land use shallow soil, non-drinking water <sup>(3)</sup>			1.7	--	200	150	600

mg/kg <sup>(1)</sup> = milligrams per kilogram

<sup>(2)</sup> = Tier 1 Environmental Screening Levels (ESLs), Shallow Soils (<3m bgs), Groundwater is Current or Potential Source of Drinking Water (mg/kg), (Table A-1), Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, Prepared by: California Regional Water Quality Control Board, San Francisco Bay Region, 1515 Clay Street, Suite 1400, Oakland, California 94612, Interim Final November 2007, (Revised May 2008).

<sup>(3)</sup> = Tier 1 Environmental Screening Levels (ESLs), Shallow Soils (<3m bgs), Groundwater is not Current or Potential Source of Drinking Water (mg/kg), (Table B-1), Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, Prepared by: California Regional Water Quality Control Board, San Francisco Bay Region, 1515 Clay Street, Suite 1400, Oakland, California 94612, Interim Final - November 2007, (Revised May 2008).

**Bold** = Concentration presented in bold where such a value is at or exceeds one of the environmental screening levels (ESLs) listed

TABLE 14  
SUMMARY OF CHEMICAL ANALYSES FOR TPH, TEPH, PCBs, AND BTEX  
GROUNDWATER SAMPLES COLLECTED FROM BOREHOLES  
2145 35<sup>th</sup> Avenue  
Oakland, California

Sample ID	Description	Date Sampled	TPH <sup>(1)</sup> as Gasoline (µg/l) <sup>(2)</sup>	TPH as Stoddard Solvent (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl benzene (µg/l)	Total Xylenes (µg/l)	TEPH <sup>(3)</sup> as Diesel (µg/l)	TEPH as Motor Oil (µg/l)	TEPH as Hydraulic Oil (µg/l)	Naphthalene (µg/l)
P1-W	Shallow groundwater sample from boring P1	01/25/2012	<50	<50	<0.5	<0.5	<0.5	<1.0	<50	<300	NA <sup>(4)</sup>	<2.0
P2-W	Shallow groundwater sample from boring P2	01/25/2012	<b>49,000</b>	<b>32,000 (Y)</b>	<b>78</b>	19	89	<b>80</b>	<b>3,100 Y<sub>(5)</sub></b>	<300	NA	<b>680</b>
P3-W	Shallow groundwater sample from boring P3	01/25/2012	<50	<50	<0.5	<0.5	<0.5	<1.0	<50	<300	NA	<2.0
P4-W	Shallow groundwater sample from boring P4	01/25/2012	<50	<50	<0.5	<0.5	<0.5	<1.0	76 Y	<300	NA	<2.0
BH5-W	Shallow groundwater sample from boring BH5	02/06/2012	<b>14,000</b>	<b>11,000</b>	<b>570</b>	<b>130</b>	<b>1,600</b>	<b>787</b>	<b>11,000</b>	<300	NA	<b>400</b>
BH5-W1	Groundwater sample from boring BH5 at ~25' bgs <sup>(6)</sup>	02/06/2012	<b>900</b>	<b>730 (Y)</b>	<b>2.9</b>	1.1	<b>43</b>	<b>18.7</b>	<b>350</b>	<300	NA	4.7
BH6-W	Shallow groundwater sample from boring BH6	01/25/2012	<b>2,000</b>	<b>1,300</b>	<b>8.6</b>	<0.5	1.3	<1.0	<b>700 (Y)</b>	<300	NA	17
BH7-W	Shallow groundwater sample from boring BH7	01/25/2012	51 Y <sup>(5)</sup>	<50	<0.5	<0.5	<0.5	<1.0	<50	<300	NA	<2.0
BH8-W	Shallow groundwater sample from boring BH8	01/25/2012	<b>74,000</b>	<b>48,000</b>	<b>36</b>	21	<b>130</b>	<b>44</b>	<b>3,800 (Y)</b>	<300	NA	<b>1,200</b>
BH9-W	Shallow groundwater sample from boring BH9	02/06/2012	<b>7,500</b>	<b>6,100 (Y)</b>	<b>27</b>	11	<b>340</b>	<b>164.4</b>	<b>840</b>	<300	NA	<b>69</b>
BH10-W*	Shallow groundwater sample from boring BH10	02/06/2012	<50	<50	<0.5	<0.5	<0.5	<1.0	<50	<300	<300	<2.0
BH11-W	Shallow groundwater sample from boring BH11	02/08/2012	<50	<50	<0.5	<0.5	<0.5	<1.0	<50	<5.0	NA	<2.0
BH12-W	Shallow groundwater sample from boring BH12	02/06/2012	<b>560 (Y)</b>	<b>460 (Y)</b>	<b>&lt;1.3</b>	<1.3	<1.3	<2.6	<b>1,400 (Y)</b>	<300	NA	<5.0
BH13-W	Shallow groundwater sample from boring BH13	02/08/2012	<50	<50	<0.5	<0.5	<0.5	<1.0	<b>210 (Y)</b>	<380	NA	<2.0
BH14-W	Shallow groundwater sample from boring BH14	02/08/2012	<b>1,300 (Y)</b>	<b>910 (Y)</b>	<0.5	<0.5	<0.5	<1.0	<b>4,000 (Y)</b>	<5.0	NA	<2.0
BH15-W	Shallow groundwater sample from boring BH15	02/08/2012	<b>1,800</b>	<b>1,200</b>	1.0	<0.7	1.7	1.0	<b>1,600 (Y)</b>	<5.0	NA	<b>100</b>
Groundwater Screening Levels, drinking water <sup>(7)</sup>			100	100	1.0	40	30	20	100	100	100	17
Residential land use shallow soil, non-drinking water <sup>(8)</sup>			210	210	46	130	43	100	210	210	210	24

TPH<sup>(1)</sup> = Total volatile petroleum hydrocarbons by EPA Method 8015B  
(µg/l)<sup>(2)</sup> = Microgram per liter  
TEPH<sup>(3)</sup> = Total extractable petroleum hydrocarbons by EPA Method 8015B  
NA<sup>(4)</sup> = Not applicable or sample not analyzed for the specific indicated compound  
(Y)<sup>(5)</sup> = Sample exhibits chromatographic pattern which does not resemble standard

bgs<sup>(6)</sup> = Below Ground Surface

<sup>(7)</sup> = Tier 1 Environmental Screening Levels (ESLs), Groundwater Screening Levels, Groundwater is Current or Potential Source of Drinking Water (Table F-1a), Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, Prepared by: California Regional Water Quality Control Board, San Francisco Bay Region, 1515 Clay Street, Suite 1400, Oakland, California 94612, Interim Final - November 2007, (Revised May 2008).

<sup>(8)</sup> = Tier 1 Environmental Screening Levels (ESLs), Groundwater Screening Levels, Groundwater is not Current or Potential Source of Drinking Water (Table F-1b), Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, Prepared by: California Regional Water Quality Control Board, San Francisco Bay Region, 1515 Clay Street, Suite 1400, Oakland, California 94612, Interim Final - November 2007, (Revised May 2008).

**Bold** = Concentration presented in bold where such a value is at or exceeds one of the environmental screening levels (ESLs) listed

\* Groundwater sample BH10-W was additionally analyzed for PCBs. No PCBs were detected (see Appendix E for laboratory report).

TABLE 15  
SUMMARY OF CHEMICAL ANALYSES FOR FUEL OXYGENATES AND LEAD SCAVENGERS  
GROUNDWATER SAMPLES COLLECTED FROM THE BOREHOLES  
2145 35<sup>th</sup> Avenue  
Oakland, California

Sample ID	Description	Date Sampled	tert-Butyl Alcohol (TBA) (µg/l) <sup>(1)</sup>	Isopropyl Ether (DIPE) (µg/l)	Ethyl tert-Butyl Ether (ETBE) (µg/l)	Methyl tert-Amyl Ether (TAME) (µg/l)	Methyl tert-Butyl Ether (MTBE) (µg/l)	Ethylene Dibromide (EDB) (µg/l)	1,2-dichloroethane (DCA) (µg/l)
P1-W	Shallow groundwater sample from boring P1	01/25/2012	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
P2-W	Shallow groundwater sample from boring P2	01/25/2012	<71	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6
P3-W	Shallow groundwater sample from boring P3	01/25/2012	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
P4-W	Shallow groundwater sample from boring P4	01/25/2012	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH5-W	Shallow groundwater sample from boring BH5	02/06/2012	<100	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
BH5-W1	Groundwater sample from boring BH5 at ~25' bgs <sup>(2)</sup>	02/06/2012	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH6-W	Shallow groundwater sample from boring BH6	01/25/2012	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH7-W	Shallow groundwater sample from boring BH7	01/25/2012	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH8-W	Shallow groundwater sample from boring BH8	01/25/2012	<130	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3
BH9-W	Shallow groundwater sample from boring BH9	02/06/2012	<50	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
BH10-W	Shallow groundwater sample from boring BH10	02/06/2012	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH11-W	Shallow groundwater sample from boring BH11	02/08/2012	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH12-W	Shallow groundwater sample from boring BH12	02/06/2012	<25	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3
BH13-W	Shallow groundwater sample from boring BH13	02/08/2012	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH14-W	Shallow groundwater sample from boring BH14	02/08/2012	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH15-W	Shallow groundwater sample from boring BH15	02/08/2012	<14	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7
Residential land use Groundwater, drinking water <sup>(3)</sup>			12	--	--	--	5.0	0.05	0.5
Residential land use Groundwater, non-drinking water <sup>(4)</sup>			18,000	--	--	-	1,800	150	200

µg/l<sup>(1)</sup> = Microgram per Liter

bgs<sup>(2)</sup> = Below Ground Surface

<sup>(3)</sup> = Tier 1 Environmental Screening Levels (ESLs), Groundwater Screening Levels (ESLs), Groundwater is Current or Potential Source of Drinking Water (mg/kg), (Table F-1a), Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, Prepared by: California Regional Water Quality Control Board, San Francisco Bay Region, 1515 Clay Street, Suite 1400, Oakland, California 94612, Interim Final November 2007, (Revised May 2008).

<sup>(4)</sup> = Tier 1 Environmental Screening Levels (ESLs), Groundwater Screening Levels (ESLs), Groundwater is not Current or Potential Source of Drinking Water (mg/kg), (Table F-1b), Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, Prepared by:

California Regional Water Quality Control Board, San Francisco Bay Region, 1515 Clay Street, Suite 1400, Oakland, California 94612, Interim Final - November 2007, (Revised May 2008).

(--) Not determined or not available

Note: reporting limits of some compounds listed in the above table are higher than their respective ESLs



TABLE 16  
SUMMARY OF CHEMICAL ANALYSES FOR PURGEABLE ORGANICS BY GC/MS  
GRAB GROUNDWATER SAMPLES COLLECTED FROM THE BOREHOLES  
2145 35<sup>TH</sup> Avenue  
Oakland, California

Sample ID	Description	Date Sampled	Freon 12 (ug/l) <sup>(1)</sup>	Chloro-methane (ug/l)	Vinyl Chloride (ug/l)	Bromoethane (ug/l)	Chloro-ethane (ug/l)	Trichloro-Fluoro-methane (ug/l)	Acetone (ug/l)	Freon 113 (ug/l)	1,1-Dichloro ethene (ug/l)	Mehylene Chloride (ug/l)
P1-W	Shallow groundwater sample from boring P1	01/25/2012	<1.0	<1.0	<0.5	<1.0	<1.0	<1.0	<10	<2.0	<0.5	<10
P2-W	Shallow groundwater sample from boring P2	01/25/2012	<7.1	<7.1	<3.6	<7.1	<7.1	<7.1	<71	<14	<3.6	<71
P3-W	Shallow groundwater sample from boring P3	01/25/2012	<1.0	<1.0	<0.5	<1.0	<1.0	<1.0	<10	<2.0	<0.5	<10
P4-W	Shallow groundwater sample from boring P4	01/25/2012	<1.0	<1.0	<0.5	<1.0	<1.0	<1.0	<10	<2.0	<0.5	<10
BH5-W	Shallow groundwater sample from boring BH5	02/06/2012	<10	<10	<5.0	<10	<10	<10	<100	<20	<5.0	<100
BH5-W1	Groundwater sample from boring BH5 at ~25' bgs <sup>(2)</sup>	02/06/2012	<1.0	<1.0	<0.5	<1.0	<1.0	<1.0	<10	<2.0	<0.5	<10
BH6-W	Shallow groundwater sample from boring BH6	01/25/2012	<1.0	<1.0	<0.5	<1.0	<1.0	<1.0	16	<2.0	<0.5	<10
BH7-W	Shallow groundwater sample from boring BH7	01/25/2012	<1.0	<1.0	<0.5	<1.0	<1.0	<1.0	<10	<2.0	<0.5	<10
BH8-W	Shallow groundwater sample from boring BH8	01/25/2012	<13	<13	<6.3	<13	<13	<13	<130	<25	<6.3	<130
BH9-W	Shallow groundwater sample from boring BH9	02/06/2012	<5.0	<5.0	<2.5	<5.0	<5.0	<5.0	<50	<10	<2.5	<50
BH10-W	Shallow groundwater sample from boring BH10	02/06/2012	<1.0	<1.0	<0.5	<1.0	<1.0	<1.0	<10	<2.0	<0.5	<10
BH11-W	Shallow groundwater sample from boring BH11	02/08/2012	<1.0	<1.0	<0.5	<1.0	<1.0	<1.0	<10	<2.0	<0.5	<10
BH12-W	Shallow groundwater sample from boring BH12	02/06/2012	<2.5	<2.5	<1.3	<2.5	<2.5	<2.5	<25	<5.0	<1.3	<25
BH13-W	Shallow groundwater sample from boring BH13	02/08/2012	<1.0	<1.0	<0.5	<1.0	<1.0	<1.0	<10	<2.0	<0.5	<10
BH14-W	Shallow groundwater sample from boring BH14	02/08/2012	<1.0	<1.0	<0.5	<1.0	<1.0	<1.0	<10	<2.0	<0.5	<10
BH15-W	Shallow groundwater sample from boring BH15	02/08/2012	<1.4	<1.4	<0.7	<1.4	<1.4	<1.4	17	<2.9	<0.7	<14
Residential land use Groundwater, drinking water <sup>(3)</sup>			--	41	0.5	9.8	12	--	1,500	--	6.0	5.0
Residential land use Groundwater, non-drinking water <sup>(4)</sup>			--	41	3.8	160	12	--	1,500	--	25	2,200

TABLE 16 (Continue)  
SUMMARY OF CHEMICAL ANALYSES FOR PURGEABLE ORGANICS BY GC/MS  
GRAB GROUNDWATER SAMPLES COLLECTED FROM THE BOREHOLES  
2145 35<sup>TH</sup> Avenue  
Oakland, California

Sample ID	Description	Date Sampled	Carbon Disulfide (ug/kg)	MTBE (ug/kg)	Trans-1,2-Dichloro ethene (ug/kg)	Vinyl Acetate (ug/kg)	1,1-Dichloro ethane (ug/kg)	2-Butanone (ug/kg)	Cis-1,2-Dichloro ethene (ug/kg)	2,2-Dichloro propane (ug/kg)	Chloroform (ug/kg)	Bromo-Chloro methane (ug/kg)
P1-W	Shallow groundwater sample from boring P1	01/25/2012	<0.5	<0.5	<0.5	<10	<0.5	<10	<0.5	<0.5	<0.5	<0.5
P2-W	Shallow groundwater sample from boring P2	01/25/2012	<3.6	<3.6	<3.6	<71	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6
P3-W	Shallow groundwater sample from boring P3	01/25/2012	<0.5	<0.5	<0.5	<10	<0.5	<10	<0.5	<0.5	<0.5	<0.5
P4-W	Shallow groundwater sample from boring P4	01/25/2012	0.8	<0.5	<0.5	<10	<0.5	<10	<0.5	<0.5	<0.5	<0.5
BH5-W	Shallow groundwater sample from boring BH5	02/06/2012	<5.0	<5.0	<5.0	<100	<5.0	<100	<5.0	<5.0	<5.0	<5.0
BH5-W1	Groundwater sample from boring BH5 at ~25' bgs <sup>(2)</sup>	02/06/2012	<0.5	<0.5	<0.5	<10	<0.5	<10	<0.5	<0.5	<0.5	<0.5
BH6-W	Shallow groundwater sample from boring BH6	01/25/2012	<0.5	<0.5	<0.5	<10	<0.5	<10	<0.5	<0.5	<0.5	<0.5
BH7-W	Shallow groundwater sample from boring BH7	01/25/2012	<0.5	<0.5	<0.5	<10	<0.5	<10	<0.5	<0.5	<0.5	<0.5
BH8-W	Shallow groundwater sample from boring BH8	01/25/2012	<6.3	<6.3	<6.3	<130	<6.3	<130	<6.3	<6.3	<6.3	<6.3
BH9-W	Shallow groundwater sample from boring BH9	02/06/2012	<2.5	<2.5	<2.5	<50	<2.5	<50	<2.5	<2.5	<2.5	<2.5
BH10-W	Shallow groundwater sample from boring BH10	02/06/2012	<0.5	<0.5	<0.5	<10	<0.5	<10	<0.5	<0.5	<0.5	<0.5
BH11-W	Shallow groundwater sample from boring BH11	02/08/2012	<0.5	<0.5	<0.5	<10	<0.5	<10	<0.5	<0.5	<0.5	<0.5
BH12-W	Shallow groundwater sample from boring BH12	02/06/2012	<1.3	<1.3	<1.3	<25	<1.3	<25	<1.3	<1.3	<1.3	<1.3
BH13-W	Shallow groundwater sample from boring BH13	02/08/2012	<0.5	<0.5	<0.5	<10	<0.5	<10	<0.5	<0.5	<0.5	<0.5
BH14-W	Shallow groundwater sample from boring BH14	02/08/2012	3.6	<0.5	<0.5	<10	<0.5	<10	<0.5	<0.5	<0.5	<0.5
BH15-W	Shallow groundwater sample from boring BH15	02/08/2012	<0.7	<0.7	<0.7	<14	<0.7	<14	<0.7	<0.7	<0.7	<0.7
Residential land use Groundwater, drinking water <sup>(3)</sup>			--	5.0	10	--	5.0	4,200	6.0	5.0	70	--
Residential land use Groundwater, non-drinking water <sup>(4)</sup>			--	1,800	590	--	47	14,000	590	100	330	--

TABLE 16 (Continue)  
SUMMARY OF CHEMICAL ANALYSES FOR PURGEABLE ORGANICS BY GC/MS  
GRAB GROUNDWATER SAMPLES COLLECTED FROM THE BOREHOLES  
2145 35<sup>TH</sup> Avenue  
Oakland, California

Sample ID	Description	Date Sampled	1,1,1-Trichloroethane (ug/kg)	1,1-Dichloro propene (ug/kg)	Carbon Tetra chloride (ug/kg)	1,2-Dichloro ethane (ug/kg)	Benzene (ug/kg)	Trichloro ethene (ug/kg)	1,2-Dichloro propane (ug/kg)	Bromo dichloro-methane (ug/kg)	Dibromo-methane (ug/kg)
P1-W	Shallow groundwater sample from boring P1	01/25/2012	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
P2-W	Shallow groundwater sample from boring P2	01/25/2012	<3.6	<3.6	<3.6	<3.6	<b>78</b>	<3.6	<3.6	<3.6	<3.6
P3-W	Shallow groundwater sample from boring P3	01/25/2012	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
P4-W	Shallow groundwater sample from boring P4	01/25/2012	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH5-W	Shallow groundwater sample from boring BH5	02/06/2012	<5.0	<5.0	<5.0	<5.0	<b>570</b>	<5.0	<5.0	<5.0	<5.0
BH5-W1	Groundwater sample from boring BH5 at ~25' bgs <sup>(2)</sup>	02/06/2012	<0.5	<0.5	<0.5	<0.5	<b>2.9</b>	<0.5	<0.5	<0.5	<0.5
BH6-W	Shallow groundwater sample from boring BH6	01/25/2012	<0.5	<0.5	<0.5	<0.5	<b>8.6</b>	<0.5	<0.5	<0.5	<0.5
BH7-W	Shallow groundwater sample from boring BH7	01/25/2012	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH8-W	Shallow groundwater sample from boring BH8	01/25/2012	<6.3	<6.3	<6.3	<6.3	<b>36</b>	<6.3	<6.3	<6.3	<6.3
BH9-W	Shallow groundwater sample from boring BH9	02/06/2012	<2.5	<2.5	<2.5	<2.5	<b>27</b>	<2.5	<2.5	<2.5	<2.5
BH10-W	Shallow groundwater sample from boring BH10	02/06/2012	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH11-W	Shallow groundwater sample from boring BH11	02/08/2012	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH12-W	Shallow groundwater sample from boring BH12	02/06/2012	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3
BH13-W	Shallow groundwater sample from boring BH13	02/08/2012	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH14-W	Shallow groundwater sample from boring BH14	02/08/2012	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH15-W	Shallow groundwater sample from boring BH15	02/08/2012	<0.7	<0.7	<0.7	<0.7	1.0	<0.7	<0.7	<0.7	<0.7
Residential land use Groundwater, drinking water <sup>(3)</sup>			62	0.5	0.5	0.5	1.0	5.0	5.0	100	0.05
Residential land use Groundwater, non-drinking water <sup>(4)</sup>			62	24	9.3	200	46	360	100	170	170

TABLE 16 (Continue)  
SUMMARY OF CHEMICAL ANALYSES FOR PURGEABLE ORGANICS BY GC/MS  
GRAB GROUNDWATER SAMPLES COLLECTED FROM THE BOREHOLES  
2145 35<sup>TH</sup> Avenue  
Oakland, California

Sample ID	Description	Date Sampled	4-Methyl-1-2-pentanone (ug/kg)	Cis-1,3-Dichloro propene (ug/kg)	Toluene (ug/kg)	Trans-1,3-Dichloro propene (ug/kg)	1,1,2-Trichloro ethane (ug/kg)	2-Hexanone (ug/kg)	1,3-Dichloro propane (ug/kg)	Tetra-chloro ethene (ug/kg)	Dibromo chloro-methane (ug/kg)
P1-W	Shallow groundwater sample from boring P1	01/25/2012	<10	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.5
P2-W	Shallow groundwater sample from boring P2	01/25/2012	<71	<3.6	19	<3.6	<0.5	<71	<3.6	<3.6	<3.6
P3-W	Shallow groundwater sample from boring P3	01/25/2012	<10	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.5
P4-W	Shallow groundwater sample from boring P4	01/25/2012	<10	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.5
BH5-W	Shallow groundwater sample from boring BH5	02/06/2012	<100	<5.0	<b>130</b>	<5.0	<5.0	<100	<5.0	<5.0	<5.0
BH5-W1	Groundwater sample from boring BH5 at ~25' bgs <sup>(2)</sup>	02/06/2012	<10	<0.5	1.1	<0.5	<0.5	<10	<0.5	<0.5	<0.5
BH6-W	Shallow groundwater sample from boring BH6	01/25/2012	<10	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.5
BH7-W	Shallow groundwater sample from boring BH7	01/25/2012	<10	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.5
BH8-W	Shallow groundwater sample from boring BH8	01/25/2012	<130	<6.3	21	<6.3	<6.3	<130	<6.3	<6.3	<6.3
BH9-W	Shallow groundwater sample from boring BH9	02/06/2012	<50	<2.5	11	<2.5	<2.5	<50	<2.5	<2.5	<2.5
BH10-W	Shallow groundwater sample from boring BH10	02/06/2012	<10	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.5
BH11-W	Shallow groundwater sample from boring BH11	02/08/2012	<10	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.5
BH12-W	Shallow groundwater sample from boring BH12	02/06/2012	<25	<1.3	<1.3	<1.3	<1.3	<25	<1.3	<1.3	<1.3
BH13-W	Shallow groundwater sample from boring BH13	02/08/2012	<10	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.5
BH14-W	Shallow groundwater sample from boring BH14	02/08/2012	<10	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.5
BH15-W	Shallow groundwater sample from boring BH15	02/08/2012	<14	<0.7	<0.7	<0.7	<0.7	<14	<0.7	<0.7	<0.7
Residential land use Groundwater, drinking water <sup>(3)</sup>			120	0.5	40	0.5	5.0	--	--	120	100
Residential land use Groundwater, non-drinking water <sup>(4)</sup>			170	24	130	24	350	--	--	120	170

TABLE 16 (Continue)  
SUMMARY OF CHEMICAL ANALYSES FOR PURGEABLE ORGANICS BY GC/MS  
GRAB GROUNDWATER SAMPLES COLLECTED FROM THE BOREHOLES  
2145 35<sup>TH</sup> Avenue  
Oakland, California

Sample ID	Description	Date Sampled	1,2-Dibromoethane (ug/kg)	Choloro benzene (ug/kg)	1,1,1,2-Tetrachloroethane (ug/kg)	Ethyl-benezene (ug/kg)	m,p-Xylenes (ug/kg)	o-Xylenes (ug/kg)	Styrene (ug/kg)	Bromoform (ug/kg)	Isopropyl-benzene (ug/kg)	1,1,2,2-Tetra chloethane (ug/kg)
P1-W	Shallow groundwater sample from boring P1	01/25/2012	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5
P2-W	Shallow groundwater sample from boring P2	01/25/2012	<3.6	<3.6	<3.6	<b>89</b>	<b>80</b>	<3.6	<3.6	<3.6	120	<3.6
P3-W	Shallow groundwater sample from boring P3	01/25/2012	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5
P4-W	Shallow groundwater sample from boring P4	01/25/2012	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5
BH5-W	Shallow groundwater sample from boring BH5	02/06/2012	<5.0	<5.0	<5.0	<b>1,600</b>	<b>720</b>	<b>67</b>	<5.0	<10	140	<5.0
BH5-W1	Groundwater sample from boring BH5 at ~25' bgs <sup>(2)</sup>	02/06/2012	<0.5	<0.5	<0.5	<b>43</b>	18	0.7	<0.5	<1.0	4.8	<0.5
BH6-W	Shallow groundwater sample from boring BH6	01/25/2012	<0.5	<0.5	<0.5	1.3	<0.5	<0.5	<0.5	<1.0	31	<0.5
BH7-W	Shallow groundwater sample from boring BH7	01/25/2012	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5
BH8-W	Shallow groundwater sample from boring BH8	01/25/2012	<6.3	<6.3	<6.3	<b>130</b>	<b>44</b>	<6.3	<6.3	<13	140	<6.3
BH9-W	Shallow groundwater sample from boring BH9	02/06/2012	<2.5	<2.5	<2.5	<b>340</b>	<b>160</b>	4.4	<2.5	<5.0	<2.5	<2.5
BH10-W	Shallow groundwater sample from boring BH10	02/06/2012	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5
BH11-W	Shallow groundwater sample from boring BH11	02/08/2012	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5
BH12-W	Shallow groundwater sample from boring BH12	02/06/2012	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3
BH13-W	Shallow groundwater sample from boring BH13	02/08/2012	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5
BH14-W	Shallow groundwater sample from boring BH14	02/08/2012	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5
BH15-W	Shallow groundwater sample from boring BH15	02/08/2012	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5
P1-W	Shallow groundwater sample from boring P1	01/25/2012	<0.7	<0.7	<0.7	1.7	1.0	<0.7	<0.7	<1.4	24	<0.7
Residential land use Groundwater, drinking water <sup>(3)</sup>			0.05	25	1.3	30	10	10	10	100	--	1.0
Residential land use Groundwater, non-drinking water <sup>(4)</sup>			150	25	190	43	50	50	100	1,100	--	190

TABLE 16 (Continue)  
SUMMARY OF CHEMICAL ANALYSES FOR PURGEABLE ORGANICS BY GC/MS  
GRAB GROUNDWATER SAMPLES COLLECTED FROM THE BOREHOLES  
2145 35<sup>TH</sup> Avenue  
Oakland, California

Sample ID	Description	Date Sampled	1,2,3-Trichloro propane (ug/kg)	Propyl benzene (ug/kg)	Bromo benzene (ug/kg)	1,3,5-Trimethyl benzene (ug/kg)	2-Chro toluene (ug/kg)	4-Chro toluene (ug/kg)	tert-butyl benzene (ug/kg)	1,2,4-Trimethyl-benzene (ug/kg)	sec-Butyl benzene (ug/kg)	Para-Isopropyl Toluene (ug/kg)
P1-W	Shallow groundwater sample from boring P1	01/25/2012	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5
P2-W	Shallow groundwater sample from boring P2	01/25/2012	<3.6	<b>360</b>	<3.6	21	<3.6	<3.6	<3.6	6.1	14	6.0
P3-W	Shallow groundwater sample from boring P3	01/25/2012	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5
P4-W	Shallow groundwater sample from boring P4	01/25/2012	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5
BH5-W	Shallow groundwater sample from boring BH5	02/06/2012	<5.0	310	<5.0	280	<5.0	<5.0	9.1	520	17	12
BH5-W1	Groundwater sample from boring BH5 at ~25' bgs <sup>(2)</sup>	02/06/2012	<0.5	13	<0.5	8.4	<0.5	<0.5	0.5	29	1.2	0.7
BH6-W	Shallow groundwater sample from boring BH6	01/25/2012	<0.5	63	<0.5	<0.5	<0.5	<0.5	4.7	<1.0	11	<0.5
BH7-W	Shallow groundwater sample from boring BH7	01/25/2012	<0.5	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5
BH8-W	Shallow groundwater sample from boring BH8	01/25/2012	<6.3	470	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	12	<6.3
BH9-W	Shallow groundwater sample from boring BH9	02/06/2012	<2.5	93	<2.5	44	<2.5	<2.5	<2.5	210	7.8	4.2
BH10-W	Shallow groundwater sample from boring BH10	02/06/2012	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5
BH11-W	Shallow groundwater sample from boring BH11	02/08/2012	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5
BH12-W	Shallow groundwater sample from boring BH12	02/06/2012	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3
BH13-W	Shallow groundwater sample from boring BH13	02/08/2012	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5
BH14-W	Shallow groundwater sample from boring BH14	02/08/2012	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5
BH15-W	Shallow groundwater sample from boring BH15	02/08/2012	<0.7	82	<0.7	1.7	<0.7	<0.7	1.4	<0.7	4.7	<0.7
Residential land use Groundwater, drinking water <sup>(3)</sup>			--	--	--	--	--	--	--	--	--	--
Residential land use Groundwater, non-drinking water <sup>(4)</sup>			--	--	--	--	--	--	--	--	--	--

TABLE 16 (Continue)  
SUMMARY OF CHEMICAL ANALYSES FOR PURGEABLE ORGANICS BY GC/MS  
GRAB GROUNDWATER SAMPLES COLLECTED FROM THE BOREHOLES  
2145 35<sup>TH</sup> Avenue  
Oakland, California

Sample ID	Description	Date Sampled	1,3-Dichloro-benzene (ug/kg)	1,4-Dichloro-benzene (ug/kg)	n-Butyl benzene (ug/kg)	1,2-Dichloro benzene (ug/kg)	1,2-Dibromo-3-Chloro propane (ug/kg)	1,2,4-Trichloro benzene (ug/kg)	Hexa-Chloro-butadiene (ug/kg)	Naphtalene (ug/kg)	1,2,3-Trichloro-benzene
P1-W	Shallow groundwater sample from boring P1	01/25/2012	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5
P2-W	Shallow groundwater sample from boring P2	01/25/2012	<3.6	<3.6	110	<3.6	<3.6	<3.6	<3.6	<b>680</b>	<3.6
P3-W	Shallow groundwater sample from boring P3	01/25/2012	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5
P4-W	Shallow groundwater sample from boring P4	01/25/2012	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5
BH5-W	Shallow groundwater sample from boring BH5	02/06/2012	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<2.0	<b>400</b>	<5.0
BH5-W1	Groundwater sample from boring BH5 at ~25' bgs <sup>(2)</sup>	02/06/2012	<0.5	<0.5	4.7	<0.5	<2.0	<0.5	<2.0	4.7	<0.5
BH6-W	Shallow groundwater sample from boring BH6	01/25/2012	<0.5	<0.5	32	<0.5	<0.5	<0.5	<0.5	<b>17</b>	<0.5
BH7-W	Shallow groundwater sample from boring BH7	01/25/2012	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5
BH8-W	Shallow groundwater sample from boring BH8	01/25/2012	<6.3	<6.3	<6.3	<6.3	<25	<6.3	<25	<b>1,200</b>	<6.3
BH9-W	Shallow groundwater sample from boring BH9	02/06/2012	<2.5	<2.5	35	<2.5	<10	<2.5	<10	<b>69</b>	<2.5
BH10-W	Shallow groundwater sample from boring BH10	02/06/2012	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5
BH11-W	Shallow groundwater sample from boring BH11	02/08/2012	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5
BH12-W	Shallow groundwater sample from boring BH12	02/06/2012	<1.3	<1.3	<1.3	<1.3	<5.0	<1.3	<5.0	<5.0	<1.3
BH13-W	Shallow groundwater sample from boring BH13	02/08/2012	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5
BH14-W	Shallow groundwater sample from boring BH14	02/08/2012	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5
BH15-W	Shallow groundwater sample from boring BH15	02/08/2012	<0.7	<0.7	10	<0.7	<2.9	<0.7	<2.9	<b>100</b>	<0.7
Residential land use Groundwater, drinking water <sup>(3)</sup>			65	5.0	--	10	0.2	5.0	0.45	17	5.0
Residential land use Groundwater, non-drinking water <sup>(4)</sup>			65	15	--	14	20	25	0.93	24	25

ug/l <sup>(1)</sup> = Microgram per liter or part per billion

bgs <sup>(2)</sup> = Below ground surface

**Bold** = Concentration presented in bold where such a value is at or exceeds one of the environmental screening levels (ESLs) listed

-- = No established value listed.

<sup>(3)</sup> = Tier 1 Environmental Screening Levels (ESLs), Groundwater Screening Levels (ESLs), Groundwater is Current or Potential Source of Drinking Water (mg/kg), (Table F1a), Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, Prepared by: California Regional Water Quality Control Board, San Francisco Bay Region, 1515 Clay Street, Suite 1400, Oakland, California 94612, Interim Final November 2007, (Revised May 2008).

<sup>(4)</sup> = Tier 1 Environmental Screening Levels (ESLs), Groundwater Screening Levels (ESLs), Groundwater is not Current or Potential Source of Drinking Water (mg/kg), (Table F-1b), Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, Prepared by: California Regional Water Quality Control Board, San Francisco Bay Region, 1515 Clay Street, Suite 1400, Oakland, California 94612, Interim Final - November 2007, (Revised May 2008).



TABLE 17  
SUMMARY OF CHEMICAL ANALYSES FOR LUFT FIVE METALS  
GROUNWATER SAMPLES COLLECTED FROM BOREHOLES  
2145 35<sup>th</sup> Avenue  
Oakland, California

Sample ID	Description	Date Sampled	Cadmium (Cd) (µg/l) <sup>(1)</sup>	Chromium (Cr) (µg/l)	Lead (Pb) (µg/l)	Nickel (Ni) (µg/l)	Zinc (Z) (µg/l)
P1-W	Shallow groundwater sample from boring P1	01/25/2012	<5.0	<5.0	<5.0	<b>21</b>	<20
P2-W	Shallow groundwater sample from boring P2	01/25/2012	<5.0	<5.0	<5.0	<5.0	<20
P3-W	Shallow groundwater sample from boring P3	01/25/2012	<5.0	<5.0	<5.0	<5.0	<20
P4-W	Shallow groundwater sample from boring P4	01/25/2012	<5.0	<5.0	<5.0	<b>23</b>	<20
BH5-W	Shallow groundwater sample from boring BH5	02/06/2012	<5.0	<5.0	<5.0	<b>9.7</b>	<20
BH5-W1	Groundwater sample from boring BH5 at ~25' bgs <sup>(2)</sup>	02/06/2012	<5.0	<5.0	<5.0	<b>10</b>	<20
BH6-W	Shallow groundwater sample from boring BH6	01/25/2012	<5.0	<5.0	<5.0	<b>20</b>	<20
BH7-W	Shallow groundwater sample from boring BH7	01/25/2012	<5.0	<5.0	<5.0	<b>21</b>	<20
BH8-W	Shallow groundwater sample from boring BH8	01/25/2012	<5.0	<5.0	<5.0	<b>34</b>	<20
BH9-W	Shallow groundwater sample from boring BH9	02/06/2012	<5.0	<5.0	<5.0	<b>13</b>	<20
BH10-W	Shallow groundwater sample from boring BH10	02/06/2012	<5.0	<5.0	<5.0	6.4	<20
BH11-W	Shallow groundwater sample from boring BH11	02/08/2012	<5.0	<5.0	<5.0	<b>9.9</b>	<20
BH12-W	Shallow groundwater sample from boring BH12	02/06/2012	<5.0	<5.0	<5.0	<b>9.2</b>	31
BH13-W	Shallow groundwater sample from boring BH13	02/08/2012	<5.0	<5.0	<5.0	<b>12</b>	<20
BH14-W	Shallow groundwater sample from boring BH14	02/08/2012	<5.0	<5.0	<5.0	<b>13</b>	<20
BH15-W	Shallow groundwater sample from boring BH15	02/08/2012	<5.0	<5.0	<5.0	<b>9.5</b>	<20
Groundwater Screening Levels, drinking water <sup>(3)</sup>			0.25	50	2.5	8.2	81
Groundwater Screening Levels, non-drinking water <sup>(4)</sup>			0.25	180	2.5	8.2	81

(µg/l) <sup>(1)</sup> = Microgram per liter or part per billion

bgs <sup>(2)</sup> = Below Ground Surface

<sup>(3)</sup> = Tier 1 Environmental Screening Levels (ESLs), Groundwater Screening Levels, Groundwater is Current or Potential Source of Drinking Water (Table A), Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, Prepared by: California Regional Water Quality Control Board, San Francisco Bay Region, 1515 Clay Street, Suite 1400, Oakland, California 94612, Interim Final - November 2007, (Revised May 2008).

<sup>(4)</sup> = Tier 1 Environmental Screening Levels (ESLs), Groundwater Screening Levels, Groundwater is not Current or Potential Source of Drinking Water

(Table B), Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, Prepared by: California Regional Water Quality Control Board, San Francisco Bay Region, 1515 Clay Street, Suite 1400, Oakland, California 94612, Interim Final - November 2007, (Revised May 2008).

**Bold** = Concentration presented in bold where such a value is at or exceeds one of the environmental screening levels (ESLs) listed

**Note:** Reporting limits of some compounds listed in the above table are higher than their respective ESLs

TABLE 18  
SUMMARY OF CHEMICAL ANALYSES FOR TPH-G, TPH-ss, TEPH, BTEX, MTBE, AND NAPHTHALENE  
SOIL SAMPLES COLLECTED FROM THE WELL BOREHOLES  
2145 35<sup>th</sup> Avenue  
Oakland, California

Sample ID	Description	Date Sampled	TPH <sup>(1)</sup> as Gasoline (mg/kg) <sup>(2)</sup>	TPH as Stoddard Solvent (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl benzene (mg/kg)	Total Xylenes (mg/kg)	TEPH <sup>(3)</sup> as Diesel (mg/kg)	MTBE (mg/kg)	TEPH as Motor Oil (mg/kg)	TEPH as Hydraulic Oil (mg/kg)	Naphthalene (mg/kg)
MW1-5.5	Soil at 5.5' from well boring MW-1	07/03/2012	<1.0	<1.0	<0.0049	<0.0049	<0.0049	<0.0098	<1.0	<0.0049	<5.0	<5.0	<0.0049
MW1-15.0	Soil at 15' from well boring MW-1	07/03/2012	<1.0	<1.0	<0.0047	<0.0047	<0.0047	<0.0094	<1.0	<0.0047	<5.0	<5.0	<0.0047
MW2-6.0	Soil at 6' from well boring MW-2	07/03/2012	1.1 (Y) <sup>(4)</sup>	<1.0	<0.0047	<0.0047	0.0058	<0.0094	<b>94.0Y<sup>(4)</sup></b>	<0.0047	15	63.0Y <sup>(4)</sup>	<0.0047
MW2-11.0	Soil at 11' from well boring MW-2	07/03/2012	<b>1,400</b>	<b>1,000Y<sup>(4)</sup></b>	<b>&lt;2.5</b>	<b>&lt;2.5</b>	<b>54.0</b>	<b>27.5</b>	<b>630Y<sup>(4)</sup></b>	<2.5	63	240Y <sup>(4)</sup>	<b>7.2</b>
MW2-16.0	Soil at 16' from well boring MW-2	07/03/2012	<0.96	<0.96	<0.0046	<0.0046	<0.0046	<0.0092	<0.99	<0.0046	<5.0	<5.0	<0.0046
MW3-6.5	Soil at 6.5' from well boring MW-3	07/03/2012	<1.0	<1.0	<0.005	<0.005	<0.005	<0.01	11.0Y <sup>(4)</sup>	<0.005	<5.0	12.0Y <sup>(4)</sup>	<0.005
MW3-11.0	Soil at 11' from well boring MW-3	07/03/2012	<60Y <sup>(4)</sup>	44	<0.046	<0.046	<0.046	<0.092	37.0Y <sup>(4)</sup>	<0.046	<5.0	17.0Y <sup>(4)</sup>	<b>1.9</b>
MW4-5.5	Soil at 5.5' from well boring MW-4	07/03/2012	<1.0	<1.0	<0.0048	<0.0048	<0.0048	<0.0096	<1.0	<0.0048	<5.0	<5.0	<0.0048
MW4-10.0	Soil at 10' from well boring MW-4	07/03/2012	<0.93	<0.93	<0.0048	<0.0048	<0.0048	<0.0096	<1.0	<0.0048	<5.0	<5.0	<0.0048
Residential land use shallow soil, drinking water <sup>(5)</sup>			83	83	0.044	2.9	2.3	2.3	83	0.023	370	370	1.3
Residential land use shallow soil, non-drinking water <sup>(6)</sup>			100	100	0.12	9.3	2.3	11	100	8.4	370	370	1.3

TPH<sup>(1)</sup> = Total volatile petroleum hydrocarbons by EPA Method 8015B  
mg/kg<sup>(2)</sup> = milligrams per kilogram  
TEPH<sup>(3)</sup> = Total extractable petroleum hydrocarbons by EPA Method 8015B  
(Y)<sup>(4)</sup> = Sample exhibits chromatographic pattern which does not resemble standard

<sup>(5)</sup> = Tier 1 Environmental Screening Levels (ESLs), Shallow Soils (<3m bgs), Groundwater is Current or Potential Source of Drinking Water (mg/kg) (Table A), Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, Prepared by: California Regional Water Quality Control Board, San Francisco Bay Region, 1515 Clay Street, Suite 1400, Oakland, California 94612, Interim Final - November 2007, (Revised May 2008).

<sup>(6)</sup> = Tier 1 Environmental Screening Levels (ESLs), Shallow Soils (<3m bgs), Groundwater is not Current or Potential Source of Drinking Water (mg/kg) (Table B), Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, Prepared by: California Regional Water Quality Control Board, San Francisco Bay Region, 1515 Clay Street, Suite 1400, Oakland, California 94612, Interim Final - November 2007, (Revised May 2008).

**Bold** = Concentration presented in bold where such a value is at or exceeds one of the environmental screening levels (ESLs).

TABLE 19  
SUMMARY OF CHEMICAL ANALYSES  
FOR THE 5 LEAKING UNDERGROUND STORAGE TANK (LUFT) METALS  
SOIL SAMPLES COLLECTED FROM THE WELL BOREHOLES  
2145 35<sup>th</sup> Avenue  
Oakland, California

Sample ID	Description	Date Sampled	Cadmium (Cd) (mg/kg) <sup>(1)</sup>	Chromium (Cr) (mg/kg)	Lead (Pb) (mg/kg)	Nickel (Ni) (mg/kg)	Zinc (Zn) (mg/kg)
MW1-5.5	Soil at 5.5' from well boring MW-1	07/03/2012	0.54	170	2.2	<b>410</b>	38
MW1-15.0	Soil at 15' from well boring MW-1	07/03/2012	0.43	43	3.5	53	38
MW2-6.0	Soil at 6' from well boring MW-2	07/03/2012	0.54	81	22	110	82
MW2-11.0	Soil at 11' from well boring MW-2	07/03/2012	0.47	160	5.6	180	35
MW2-16.0	Soil at 16' from well boring MW-2	07/03/2012	0.49	99	3.3	<b>170</b>	42
MW3-6.5	Soil at 6.5' from well boring MW-3	07/03/2012	<0.47	190	6.6	<b>210</b>	110
MW3-11.0	Soil at 11' from well boring MW-3	07/03/2012	<0.42	110	2.9	<b>220</b>	41
MW4-5.5	Soil at 5.5' from well boring MW-4	07/03/2012	0.53	240	2.7	<b>310</b>	40
MW4-10.0	Soil at 10' from well boring MW-4	07/03/2012	0.42	100	3.1	<b>300</b>	46
Residential land use shallow soil, drinking water <sup>(2)</sup>			1.7	--	200	150	600
Residential land use shallow soil, non-drinking water <sup>(3)</sup>			1.7	--	200	150	600

mg/kg <sup>(1)</sup> = milligrams per kilogram

<sup>(2)</sup> = Tier 1 Environmental Screening Levels (ESLs), Shallow Soils (<3m bgs), Groundwater is Current or Potential Source of Drinking Water (mg/kg), (Table A), Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, Prepared by: California Regional Water Quality Control Board, San Francisco Bay Region, 1515 Clay Street, Suite 1400, Oakland, California 94612, Interim Final November 2007, (Revised May 2008).

<sup>(3)</sup> = Tier 1 Environmental Screening Levels (ESLs), Shallow Soils (<3m bgs), Groundwater is not Current or Potential Source of Drinking Water (mg/kg), (Table B), Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, Prepared by: California Regional Water Quality Control Board, San Francisco Bay Region, 1515 Clay Street, Suite 1400, Oakland, California 94612, Interim Final - November 2007, (Revised May 2008).

**Bold** = Concentration presented in bold where such a value is at or exceeds one of the environmental screening levels (ESLs) listed

TABLE 20  
SUMMARY OF CHEMICAL ANALYSES FOR TPH; TEPH; BTEX, MTBE; and NAPHTHALENE  
GROUNDWATER SAMPLES COLLECTED FROM THE MONITORING WELLS  
2145 35<sup>th</sup> Avenue  
Oakland, California

Sample ID	Description	Date Sampled	TPH <sup>(1)</sup> as Gasoline (µg/l) <sup>(2)</sup>	TPH as Stoddard Solvent (µg/l)	TEPH <sup>(3)</sup> as Diesel (µg/l)	TEPH as Motor Oil (µg/l)	TEPH as Hydraulic Oil (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl benzene (µg/l)	Total Xylenes (µg/l)	Naphthalene (µg/l)	MTBE (µg/l)
MW-1	Groundwater sample from MW-1	07/09/2012	<50	<50	<50	<300	<300	<0.5	<0.5	<0.5	<1.0	<2.0	<0.5
MW-2	Groundwater sample from MW-2	07/09/2012	<b>3,800</b>	<b>3,900 (Y) <sup>(4)</sup></b>	<b>1,200 Y</b>	<300	660Y	<b>82</b>	42	<b>350</b>	<b>189.4</b>	<b>44</b>	<0.5
MW-3	Groundwater sample from MW-3	07/09/2012	85Y	86Y	<b>180Y</b>	<300	<300	0.8	<0.5	<0.5	<1.0	<2.0	<0.5
MW-4	Groundwater sample from MW-4	07/09/2012	<50	<50	<50	<300	<300	<0.5	<0.5	<0.5	<1.0	<2.0	<0.5
Groundwater Screening Levels, drinking water <sup>(5)</sup>			100	100	100	100	100	1.0	40	30	20	17	5.0
Groundwater Screening Levels, non-drinking water <sup>(6)</sup>			210	210	210	210	210	46	130	43	100	24	1,800

- TPH <sup>(1)</sup> = Total volatile petroleum hydrocarbons by EPA Method 8015B  
(µg/l) <sup>(2)</sup> = Microgram per liter  
TEPH <sup>(3)</sup> = Total extractable petroleum hydrocarbons by EPA Method 8015B  
(Y) <sup>(4)</sup> = Sample exhibits chromatographic pattern which does not resemble standard  
<sup>(5)</sup> = Tier 1 Environmental Screening Levels (ESLs), Groundwater Screening Levels, Groundwater is Current or Potential Source of Drinking Water (Table A), Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, Prepared by: California Regional Water Quality Control Board, San Francisco Bay Region, 1515 Clay Street, Suite 1400, Oakland, California 94612, Interim Final - November 2007, (Revised May 2008).  
<sup>(6)</sup> = Tier 1 Environmental Screening Levels (ESLs), Groundwater Screening Levels, Groundwater is not Current or Potential Source of Drinking Water (Table B), Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, Prepared by: California Regional Water Quality Control Board, San Francisco Bay Region, 1515 Clay Street, Suite 1400, Oakland, California 94612, Interim Final - November 2007, (Revised May 2008).  
**Bold** = Concentration presented in bold where such a value is at or exceeds one of the environmental screening levels (ESLs) listed

TABLE 21  
SUMMARY OF CHEMICAL ANALYSES FOR FIVE METALS  
GROUNWATER SAMPLES COLLECTED FROM THE MONITORING WELLS  
2145 35<sup>th</sup> Avenue  
Oakland, California

Sample ID	Description	Date Sampled	Cadmium (Cd) (µg/l) <sup>(1)</sup>	Chromium (Cr) (µg/l)	Lead (Pb) (µg/l)	Nickel (Ni) (µg/l)	Zinc (Z) (µg/l)
MW-1	Groundwater sample from MW-1	07/09/2012	<5.0	<5.0	<5.0	<5.0	<20
MW-2	Groundwater sample from MW-2	07/09/2012	<5.0	<5.0	<5.0	<5.0	<20
MW-3	Groundwater sample from MW-3	07/09/2012	<5.0	<5.0	<5.0	<5.0	<20
MW-4	Groundwater sample from MW-4	07/09/2012	<5.0	<5.0	<5.0	6.6	<20
<b>Groundwater Screening Levels, drinking water <sup>(2)</sup></b>			0.25	50	2.5	8.2	81
<b>Groundwater Screening Levels, non-drinking water <sup>(3)</sup></b>			0.25	180	2.5	8.2	81

(µg/l) <sup>(1)</sup> = Microgram per liter or part per billion

<sup>(2)</sup> = Tier 1 Environmental Screening Levels (ESLs), Groundwater Screening Levels, Groundwater is Current or Potential Source of Drinking Water (Table F-1a), Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, Prepared by: California Regional Water Quality Control Board, San Francisco Bay Region, 1515 Clay Street, Suite 1400, Oakland, California 94612, Interim Final - November 2007, (Revised May 2008).

<sup>(3)</sup> = Tier 1 Environmental Screening Levels (ESLs), Groundwater Screening Levels, Groundwater is not Current or Potential Source of Drinking Water (Table F-1b), Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, Prepared by: California Regional Water Quality Control Board, San Francisco Bay Region, 1515 Clay Street, Suite 1400, Oakland, California 94612, Interim Final - November 2007, (Revised May 2008).

**Bold** = Concentration presented in bold where such a value is at or exceeds one of the environmental screening levels (ESLs) listed

**Note:** Reporting limits of some compounds listed in the above table are higher than their respective ESLs

# FIGURES

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- FIGURE 1* SITE LOCATION
- FIGURE 2* SITE PLAN
- FIGURE 3* TANK INVESTIGATION BORING LOCATIONS WITH SOIL AND GROUNDWATER ANALYTICAL RESULTS (02/23/2007)
- FIGURE 4* SAMPLING LOCATIONS FOR CAR MAINTENANCE PIT, HYDRAULIC LIFT, DISPENSER ISLAND, AND PIPING (02/23/2007)
- FIGURE 5* BORINGS DRILLED IN 2012
- FIGURE 6* GROUNDWATER ELEVATIONS AND FLOW DIRECTION FROM TEMPORARY PIEZOMETERS (JANUARY 2012)
- FIGURE 7* DEPICTION OF THE HYDROCARBONS IN GROUNDWATER (JANUARY – FEBRUARY 2012)
- FIGURE 8* DEPICTION OF PETROLEUM HYDROCARBONS IN SOIL ABOVE ESLS (JANUARY – FEBRUARY 2012)
- FIGURE 9* APPROXIMATE EXTENT OF SOIL IMPACTED WITH PETROLEUM HYDROCARBONS (JANUARY – FEBRUARY 2012)
- FIGURE 10* DEPICTION OF THE HYDROCARBONS IN GROUNDWATER (JANUARY – FEBRUARY 2012)
- FIGURE 11* APPROXIMATE PETROLEUM HYDROCARBON PLUMES (JANUARY – FEBRUARY 2012)
- FIGURE 12* WELL LOCATIONS AND GROUNDWATER FLOW DIRECTION AND GRADIENT (JULY 2012)
- FIGURE 13* PETROLEUM HYDROCARBONS IN GROUNDWATER FIRST SAMPLING EVENT OF THE MONITORING WELLS (JULY 2012)
- FIGURE 14* ESTIMATED HYDROCARBON PLUME IN GROUNDWATER EXCEEDING ESL FOR RESIDENTIAL LAND USE (JULY 2012)
- FIGURE 15* CROSS SECTION LOCATIONS
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*FIGURE 16* CROSS SECTION AA'

*FIGURE 17* CROSS SECTION BB'

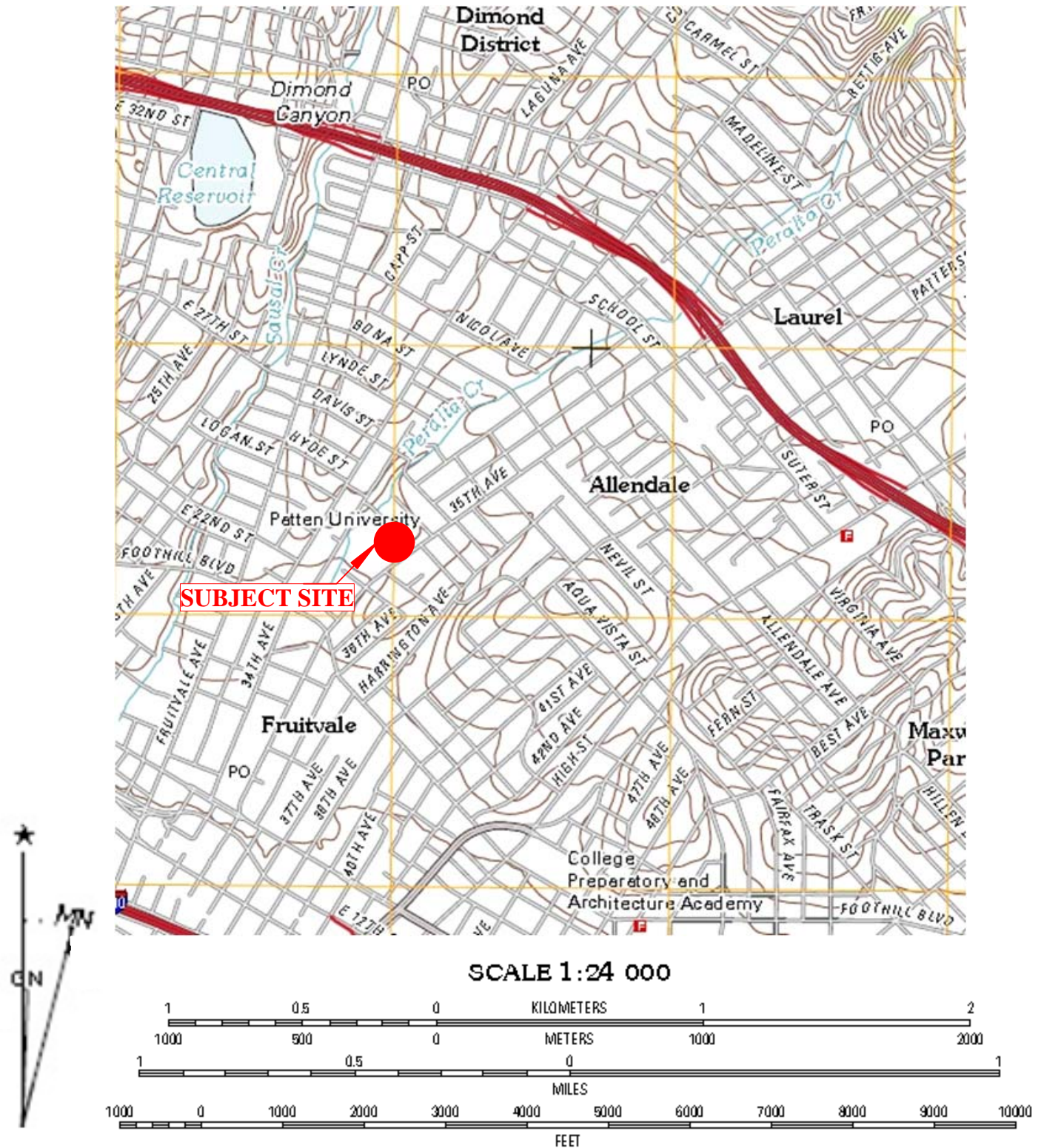
*FIGURE 18* CROSS SECTION CC'

*FIGURE 19* CROSS SECTION DD'

*FIGURE 20* SUBSURFACE UTILITY MAP (JULY 2012)

*FIGURE 21* ESTIMATED HYDROCARBON PLUME IN GROUNDWATER EXCEEDING ESLs FOR RESIDENTIAL LAND USE AND LOCATIONS OF THE PROPOSED ADDITIONAL BORINGS (JULY 2012)

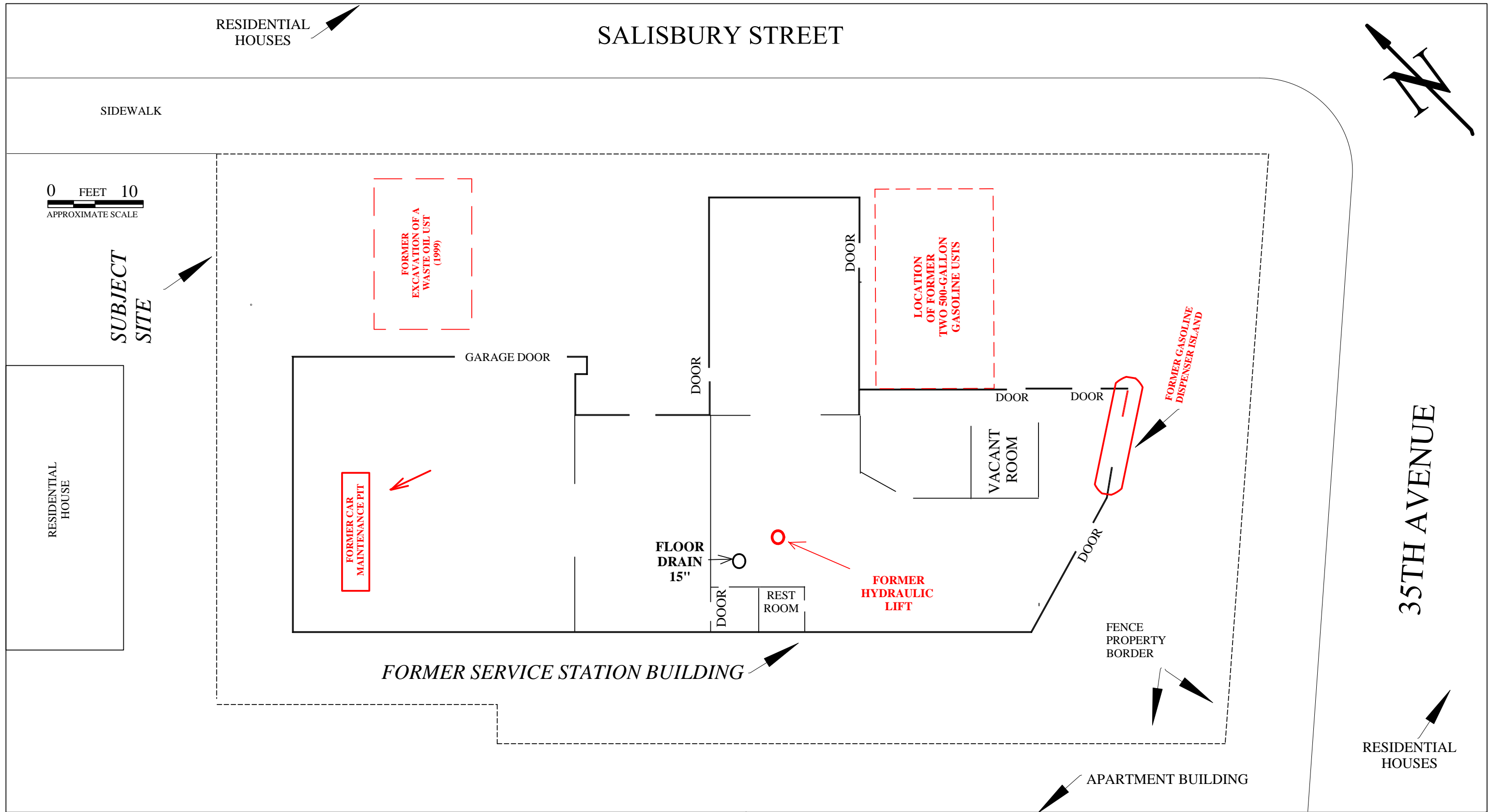




  
1485 BAYSHORE BOULEVARD, SUITE 374  
SAN FRANCISCO, CA 94124

SITE LOCATION  
2145 35TH AVENUE  
OAKLAND, CA 94601

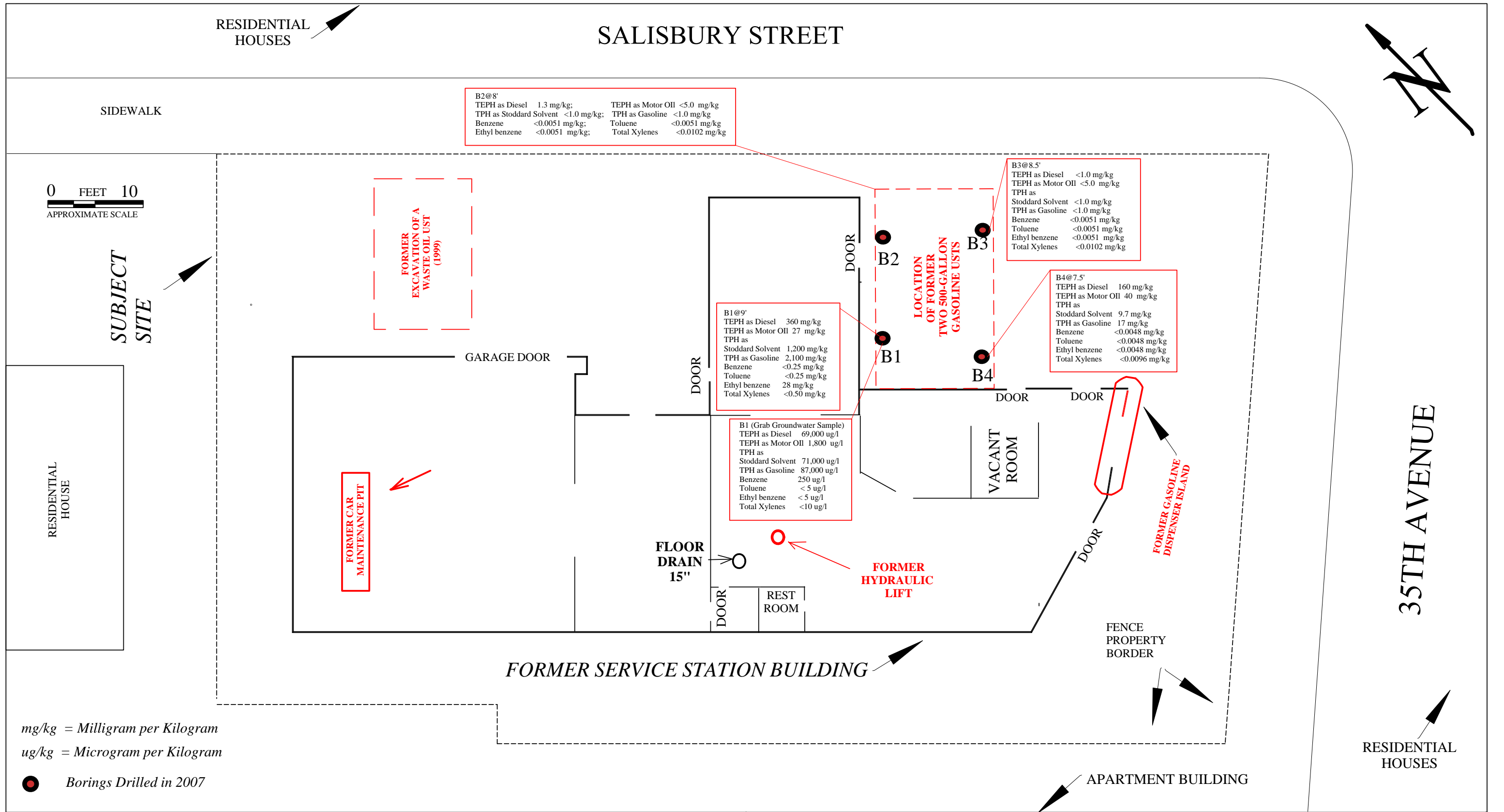
FIGURE 1  
JULY 2012



1485 BAYSHORE BOULEVARD, SUITE 374  
SAN FRANCISCO, CA 94124

SITE PLAN  
2145 35TH AVENUE, OAKLAND, CALIFORNIA

FIGURE 2  
AUGUST 2012



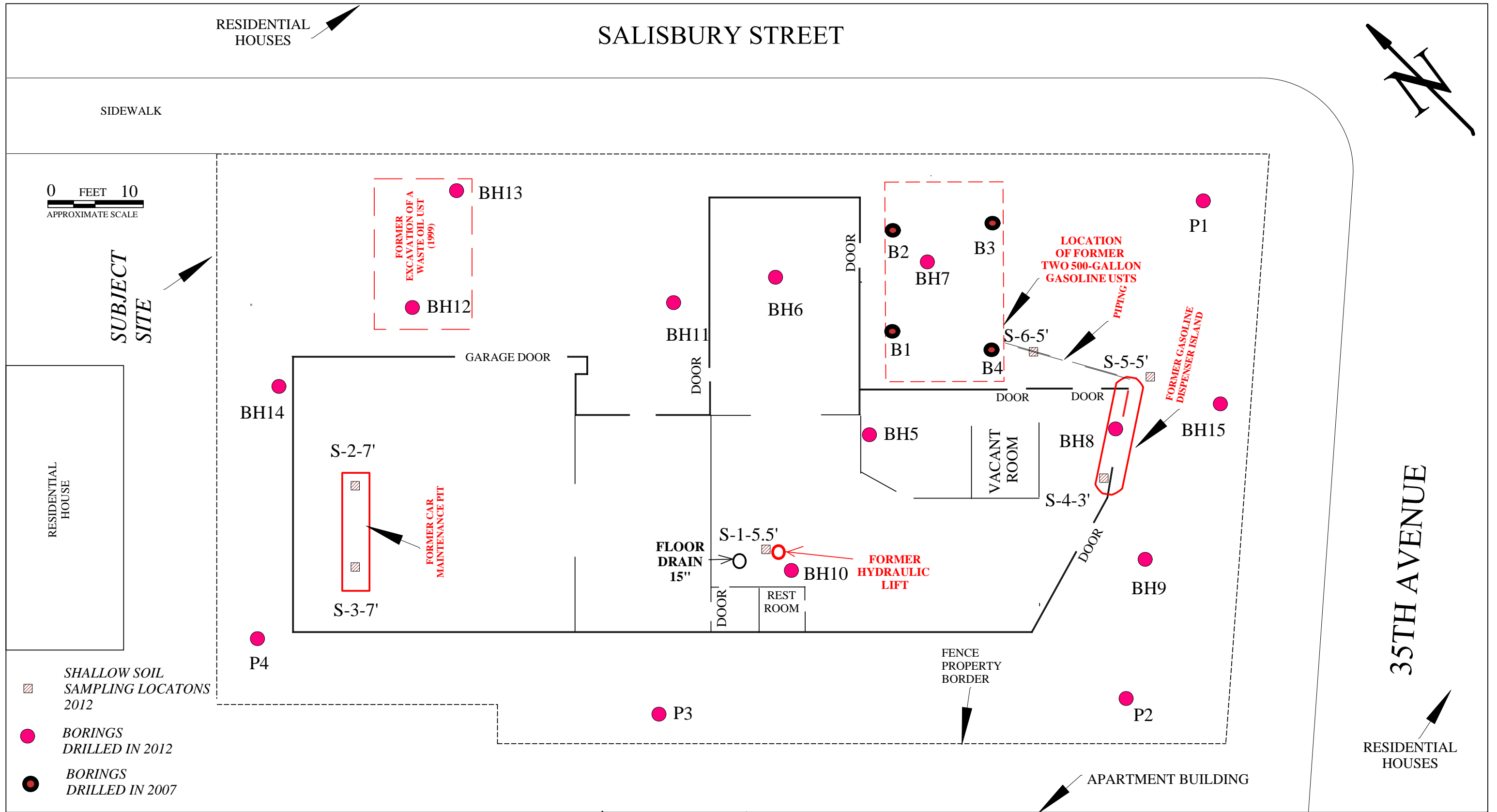
1485 BAYSHORE BOULEVARD, SUITE 374  
 SAN FRANCISCO, CA 94124

**TANK INVESTIGATION BORING LOCATIONS**  
**SOIL AND GROUNDWATER ANALYTICAL RESULTS**  
 (02/23/2007)  
 2145 35TH AVENUE, OAKLAND, CALIFORNIA

**FIGURE 3**  
**AUGUST 2012**







1485 BAYSHORE BOULEVARD, SUITE 374  
SAN FRANCISCO, CA 94124

**BORINGS DRILLED IN 2012**  
**2145 35TH AVENUE, OAKLAND, CALIFORNIA**

**FIGURE 5**  
**AUGUST 2012**









RESIDENTIAL HOUSES

SALISBURY STREET



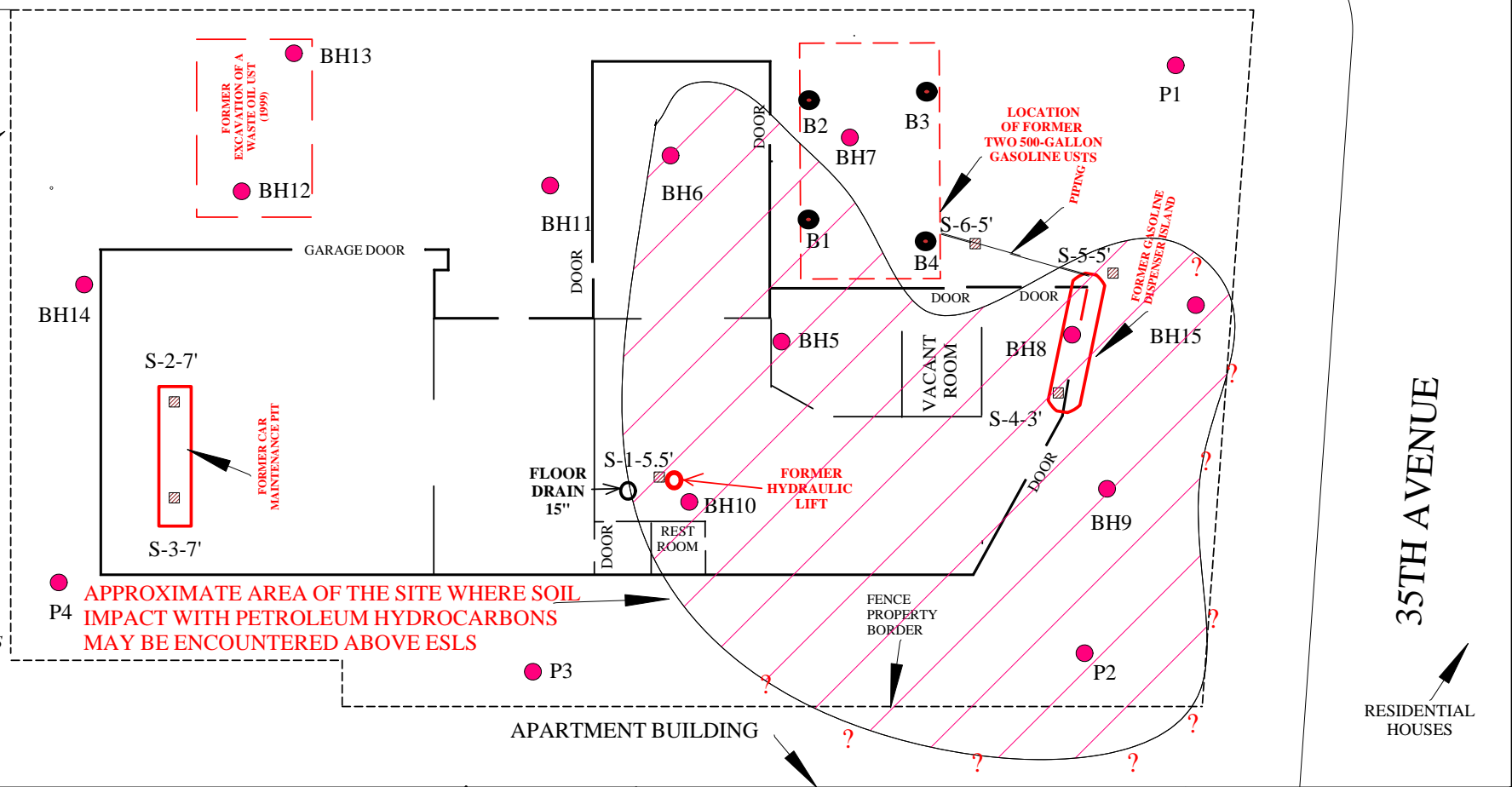
SIDEWALK

0 FEET 10  
APPROXIMATE SCALE

SUBJECT SITE

RESIDENTIAL HOUSE

-  SHALLOW SOIL SAMPLING LOCATIONS 2012
-  BORINGS DRILLED IN 2012
-  BORINGS DRILLED IN 2007



APPROXIMATE AREA OF THE SITE WHERE SOIL IMPACT WITH PETROLEUM HYDROCARBONS MAY BE ENCOUNTERED ABOVE ESLs

APARTMENT BUILDING

35TH AVENUE

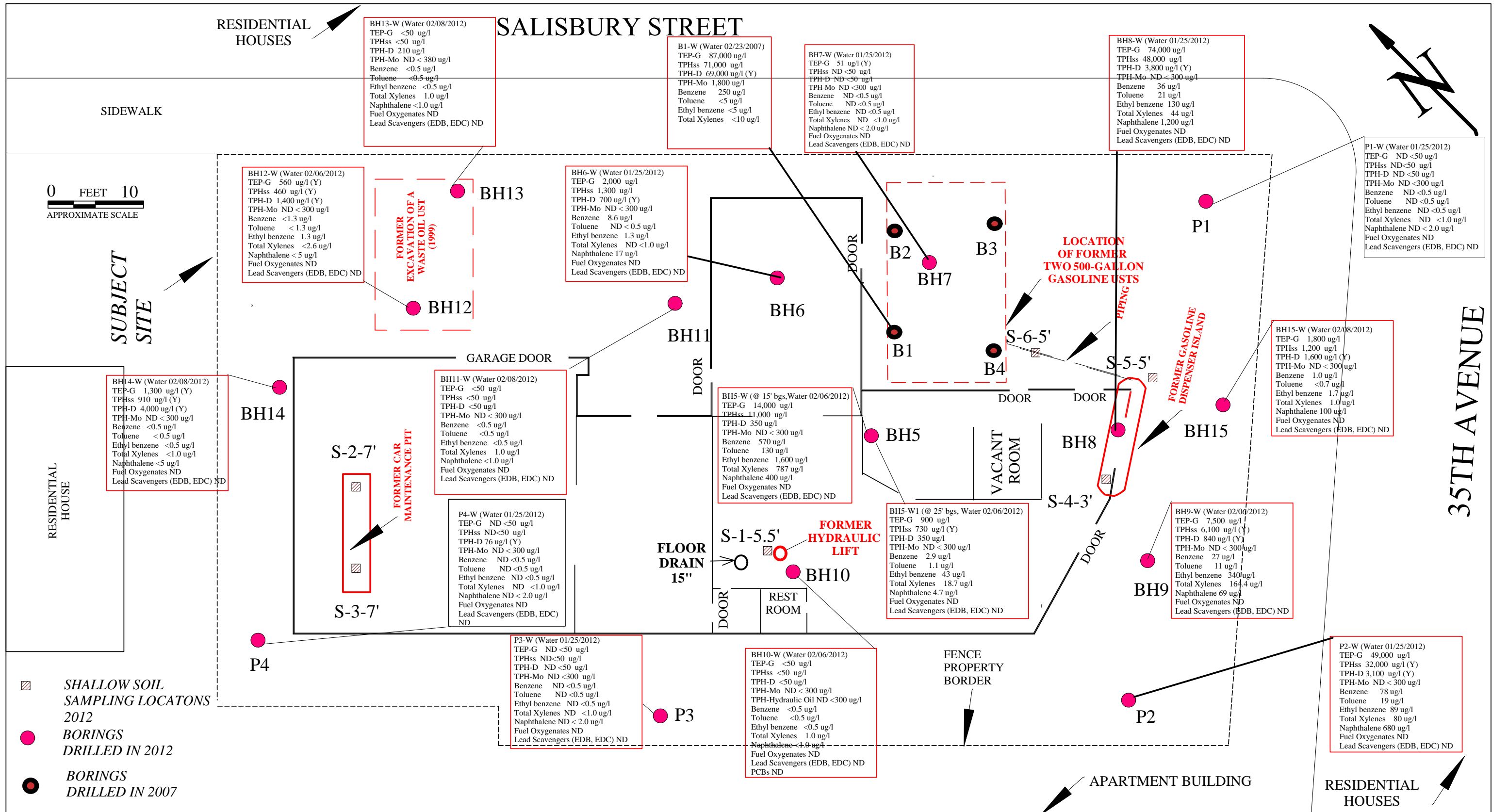
RESIDENTIAL HOUSES



1485 BAYSHORE BOULEVARD, SUITE 374  
SAN FRANCISCO, CA 94124

APPROXIMATE EXTENT OF SOIL IMPACTED WITH PETROLEUM HYDROCARBONS  
2145 35TH AVENUE, OAKLAND, CALIFORNIA

FIGURE 9  
AUGUST 2012

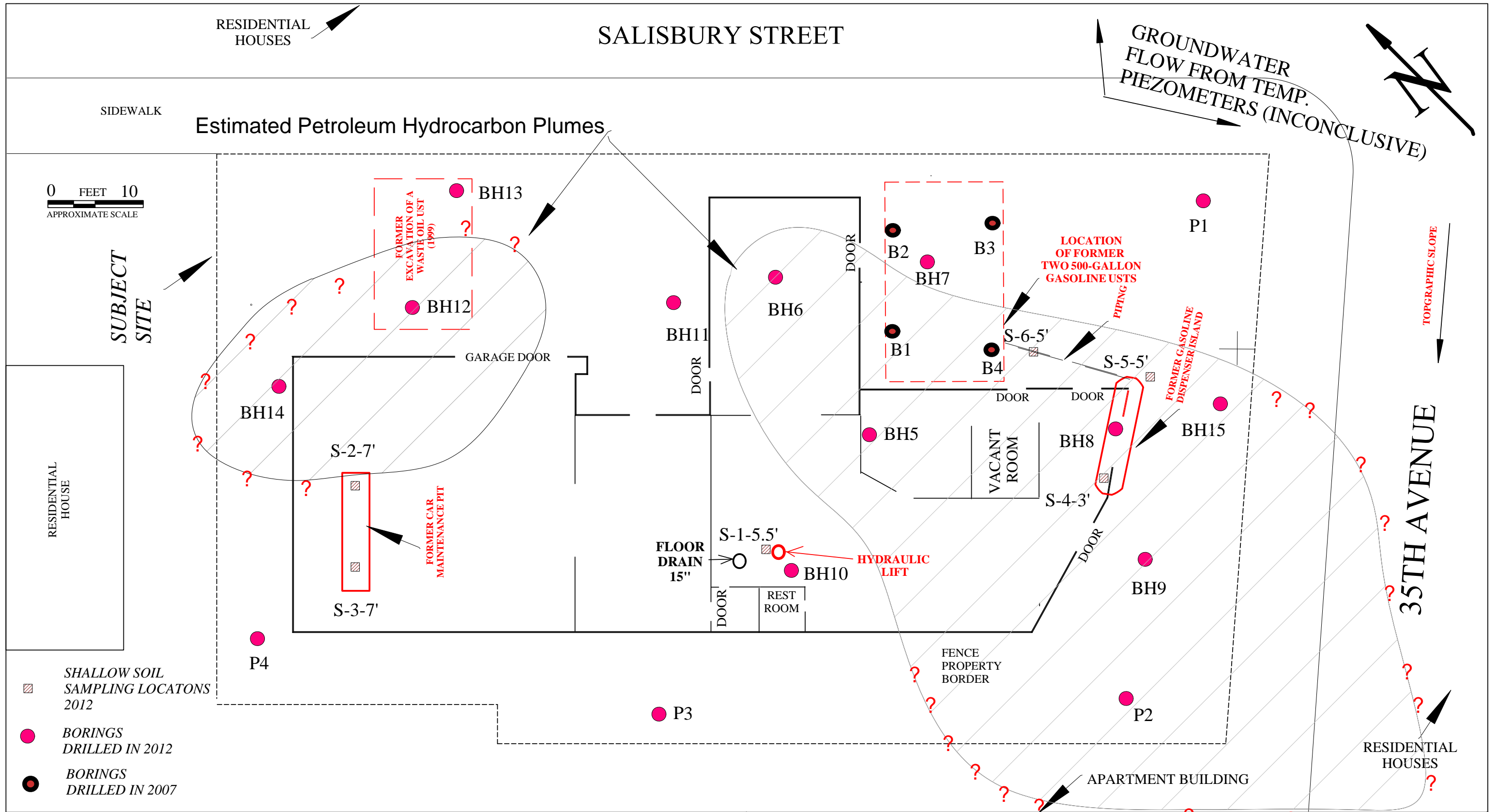


DEPICTION OF THE HYDROCARBONS IN GROUNDWATER  
2145 35TH AVENUE, OAKLAND, CALIFORNIA

FIGURE 10  
AUGUST 2012



1485 BAYSHORE BOULEVARD, SUITE 374  
SAN FRANCISCO, CA 94124

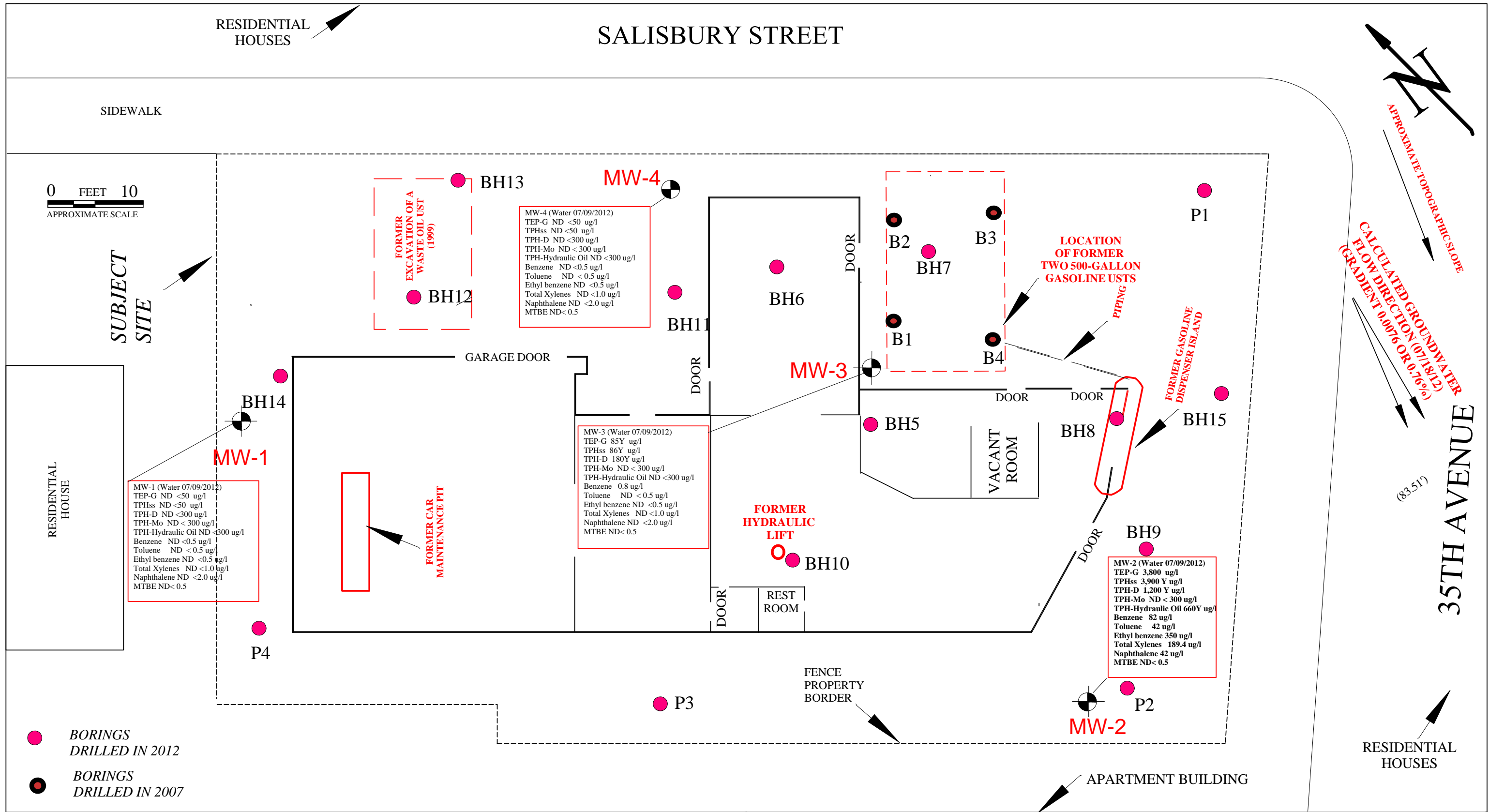


1485 BAYSHORE BOULEVARD, SUITE 374  
SAN FRANCISCO, CA 94124

APPROXIMATE PETROLEUM HYDROCARBON PLUMES  
2145 35TH AVENUE, OAKLAND, CALIFORNIA

FIGURE 11  
AUGUST 2012



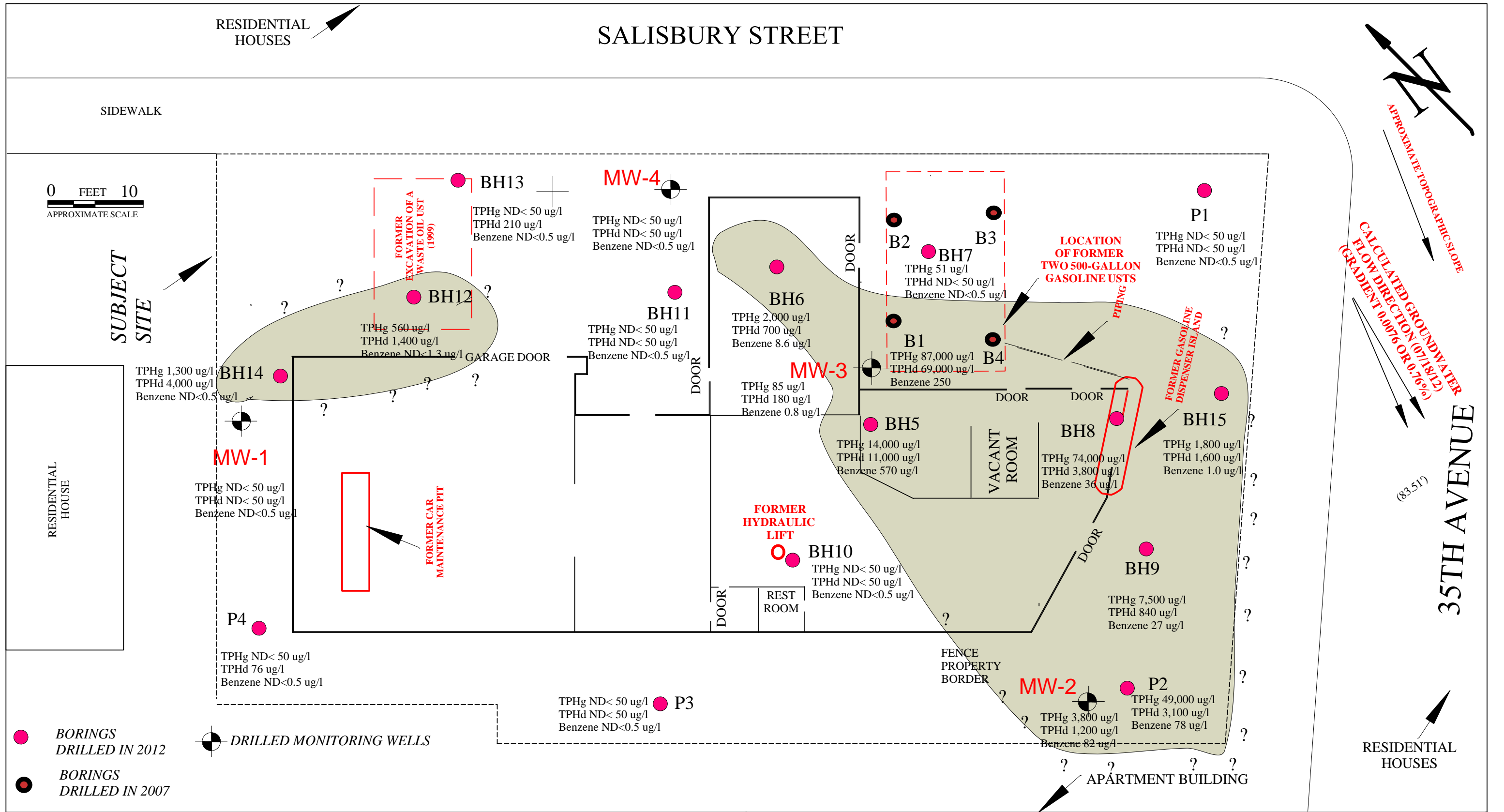


1485 BAYSHORE BOULEVARD, SUITE 374  
 SAN FRANCISCO, CA 94124

PETROLEUM HYDROCARBONS IN GROUNDWATER  
 FIRST SAMPLING EVENT OF THE MONITORING WELLS  
 2145 35TH AVENUE, OAKLAND, CALIFORNIA

FIGURE 13  
 AUGUST 2012

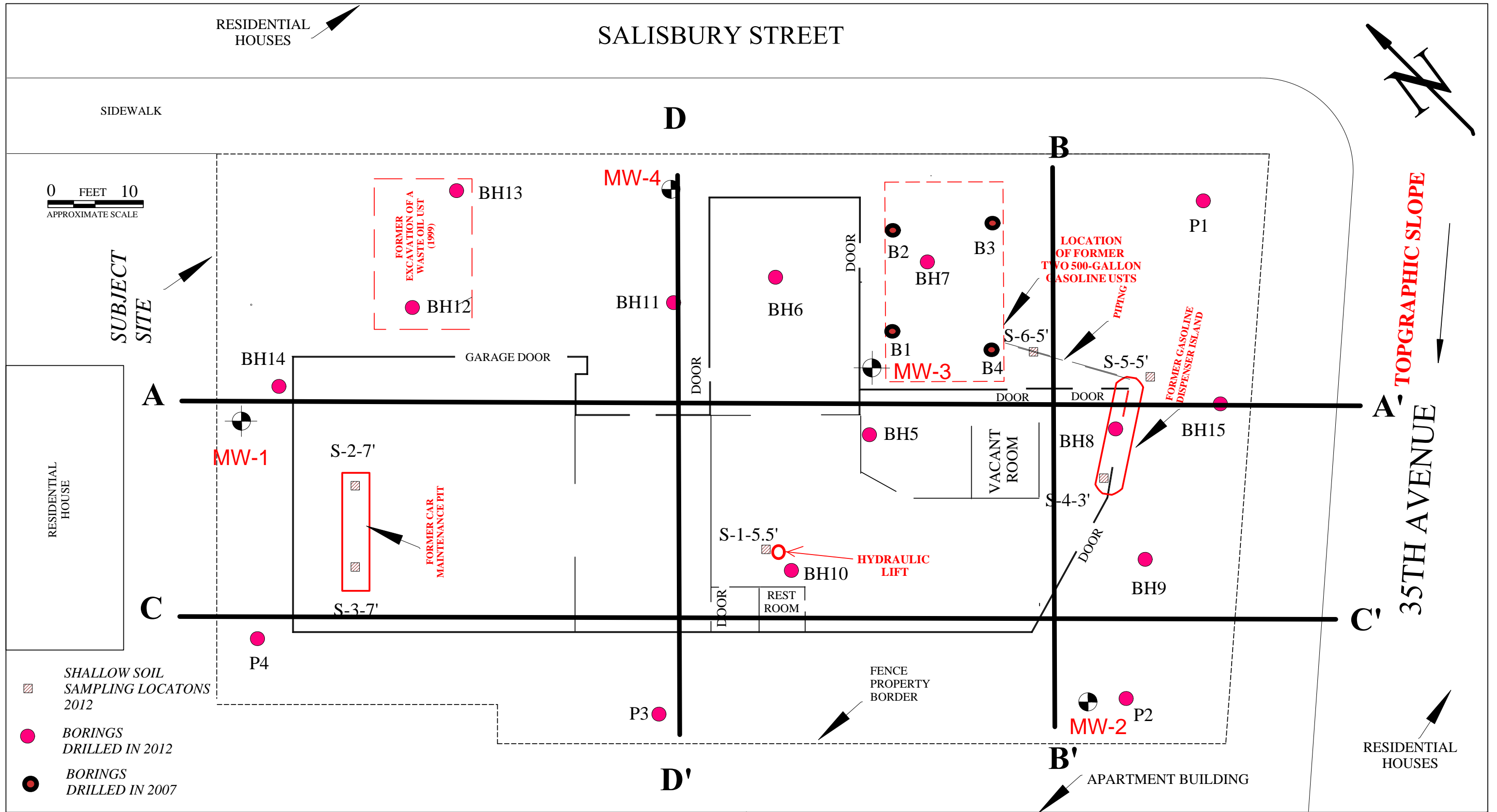




1485 BAYSHORE BOULEVARD, SUITE 374  
SAN FRANCISCO, CA 94124

ESTIMATED HYDROCARBON PLUME IN GROUNDWATER  
EXCEEDING ESL FOR RESIDENTIAL LAND USE  
2145 35TH AVENUE, OAKLAND, CALIFORNIA

FIGURE 14  
AUGUST 2012



1485 BAYSHORE BOULEVARD, SUITE 374  
SAN FRANCISCO, CA 94124

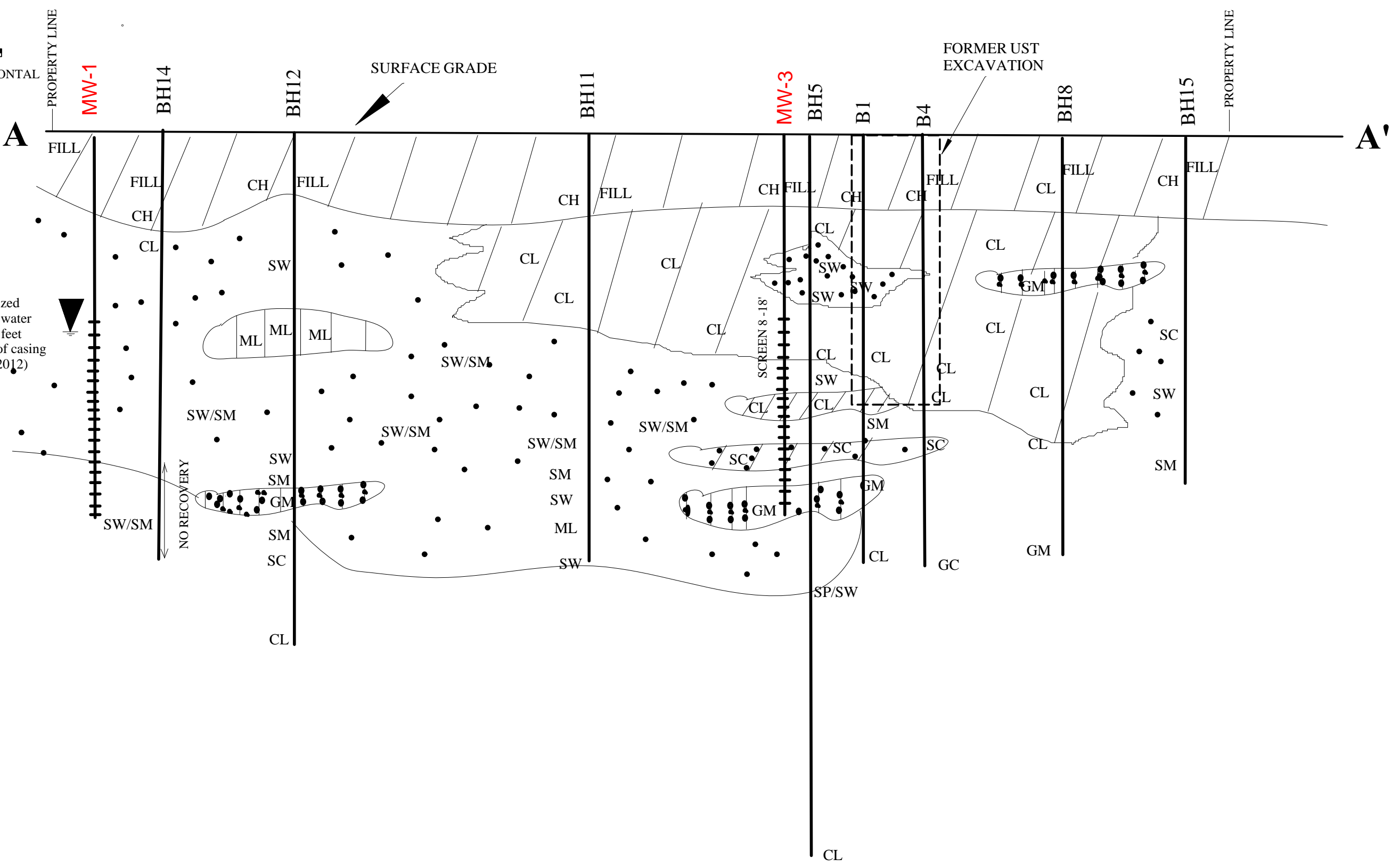
CROSS SECTION LOCATIONS  
2145 35TH AVENUE, OAKLAND, CALIFORNIA

FIGURE 15

AUGUST 2012

0 FEET 10  
APPROXIMATE HORIZONTAL SCALE

0 FEET 5 FEET 10 FEET 15 FEET 20  
APPROXIMATE VERTICAL SCALE



1485 BAYSHORE BOULEVARD, SUITE 374  
SAN FRANCISCO, CA 94124

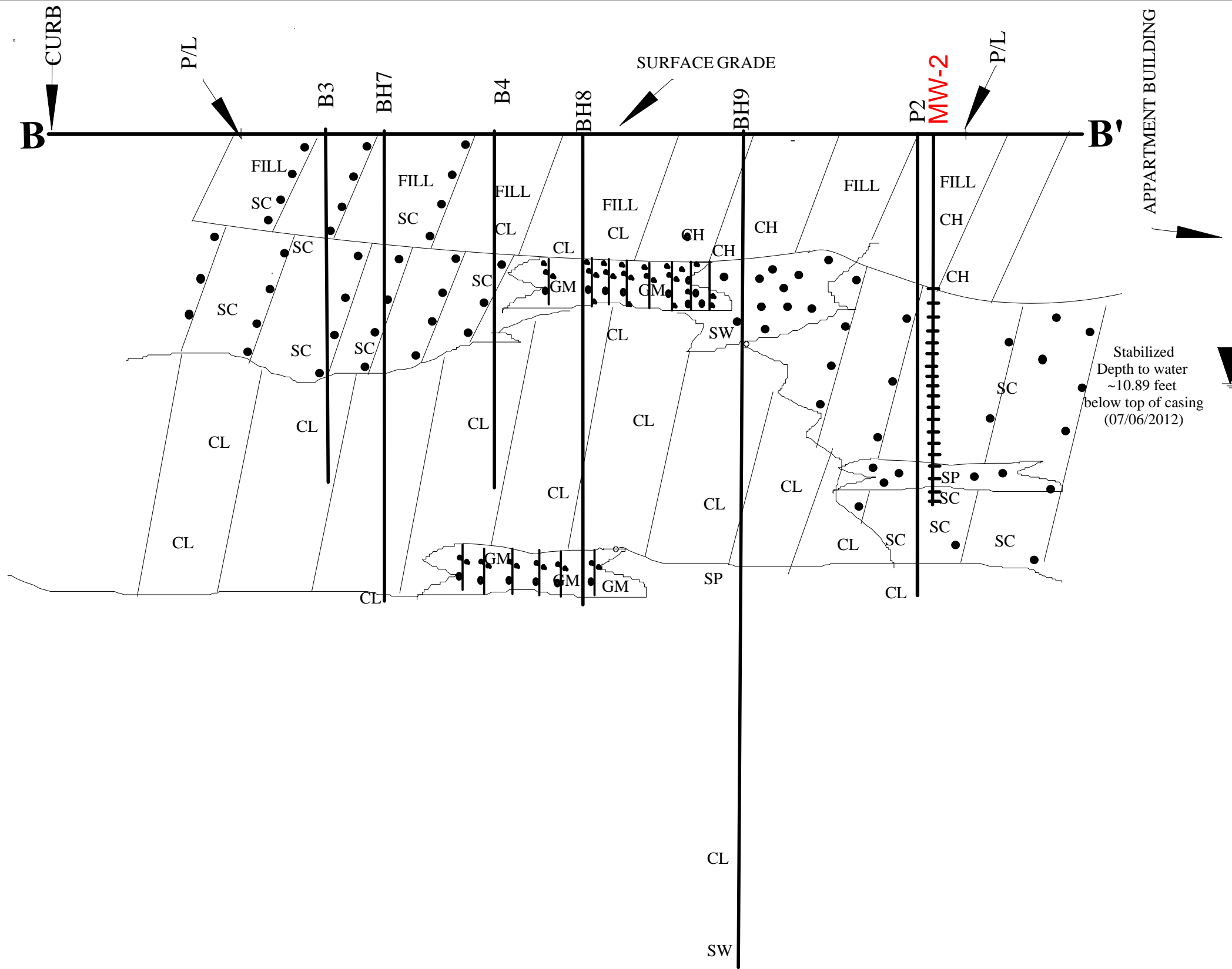
CROSS SECTION AA'  
(SEE FIGURE 15)  
2145 35TH AVENUE, OAKLAND, CALIFORNIA

FIGURE 16  
AUGUST 2012



0 FEET 10

0 FEET 5 FEET 10 FEET 15 FEET 20  
APPROXIMATE VERTICAL SCALE



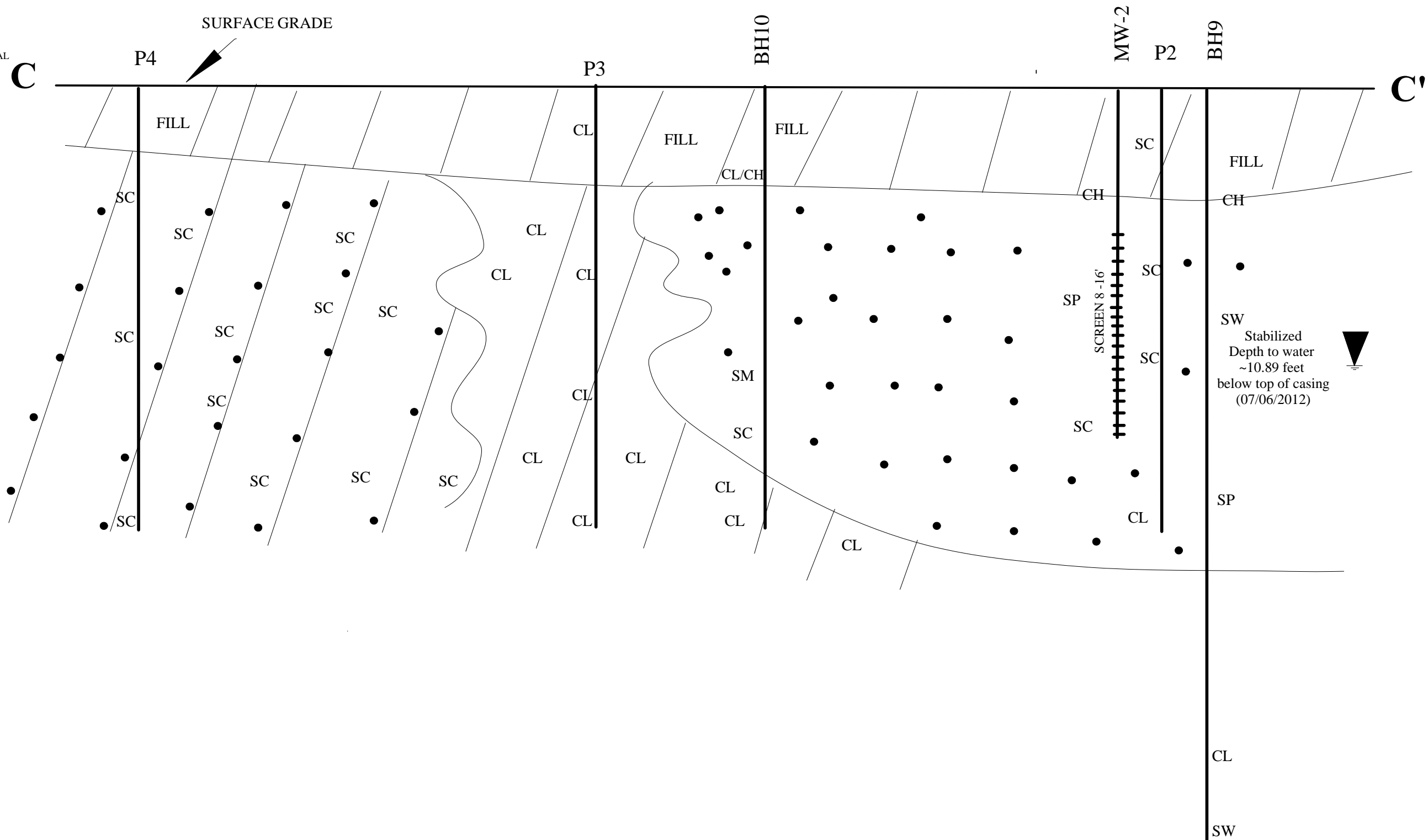
1485 BAYSHORE BOULEVARD, SUITE 374  
SAN FRANCISCO, CA 94124

CROSS SECTION BB'  
(SEE FIGURE 15)  
2145 35TH AVENUE, OAKLAND, CALIFORNIA

FIGURE 17  
AUGUST 2012

0 FEET 10  
APPROXIMATE HORIZONTAL SCALE

0 FEET 5 FEET 10 FEET 15 FEET 20  
APPROXIMATE VERTICAL SCALE



1485 BAYSHORE BOULEVARD, SUITE 374  
SAN FRANCISCO, CA 94124

CROSS SECTION CC'  
(SEE FIGURE 15)  
2145 35TH AVENUE, OAKLAND, CALIFORNIA

FIGURE 18  
AUGUST 2012







APPENDIX A  
LETTERS FROM  
ALAMEDA COUNTY ENVIRONMENTAL  
HEALTH (ACEH) DEPARTMENT

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

July 26, 2010

Mr. Peter Robertson  
Sailsbury Avenue Associates, LLC  
2917 MacArthur Blvd., #3F  
Oakland, CA 94602  
(sent via electronic mail to [britpete@aol.com](mailto:britpete@aol.com))

Ms. Maria Campos  
1424 Fruitvale Ave.  
Oakland, CA 94601

Mr. & Mrs. John Madler  
1030 Dutton Avenue  
San Leandro, CA 94577

Subject: Approval of Work Plan with Modifications; Fuel Leak Case No. RO0002945 and Geotracker Global ID T0619778840, Chevron #9-8861 (Independent), 2145 35<sup>th</sup> Avenue, Oakland, CA 94601

Dear Mr. Robertson, Ms. Campos, and Mr. & Ms. Madler:

Alameda County Environmental Health (ACEH) staff has reviewed the case file and the *Revised Phase II Investigation Workplan* dated June 4, 2010, and submitted on your behalf by Eagle Environmental Company (EEC). Thank you for submitting the revised work plan.

Based on ACEH staff review of the work plan the proposed scope of work is conditionally approved for implementation provided that the technical comments below are incorporated during the proposed field investigation. Submittal of a revised work plan or a work plan addendum is not required unless an alternate scope of work outside that described in the work plan or technical comments below is proposed. We request that you address the following technical comments, perform the proposed work, and send us the reports described below. Please provide 72-hour advance written notification to this office (e-mail preferred to: [mark.detterman@acgov.org](mailto:mark.detterman@acgov.org)) prior to the start of field activities.

### **TECHNICAL COMMENTS**

1. **Clarifications to Investigation Methodology** – ACEH noted a number of areas in the work plan where clarifications of, or modifications to, the investigation methodology may preclude potential differences in data interpretation or improve the quality of data collected. These include the following areas:
  - a. The work plan proposes a pre-demolition site survey that will locate the building corners and provide an accurate scaled figure of the site. Because the building corners were specifically called out for surveying, and it is unclear if other critical features will be surveyed, ACEH also requests that the dispenser island, hydraulic lift, maintenance pit, and waste oil excavation corners also be specifically surveyed. This will help ensure these structures are not mislocated after aboveground features at the site are removed.
  - b. The work plan indicates that proposed bore locations B10 and B11 may be omitted if soil samples collected after removal of the hydraulic lift and the maintenance pit, respectively, indicate no significant impact. If these bores are eliminated, please ensure all bores are numbered consecutively without numeric gaps.



- c. Because of the length of the maintenance pit, ACEH requests that a minimum of two soil samples be authoritatively collected at indications of contamination (PID detections, odor, staining, etc.), or on the bottom at each end of the pit if no indication of contamination is otherwise present.
- d. Three Geoprobe bores are proposed to be advanced to 35 to 40 feet below grade surface (bgs) in order to assess the vertical extent of groundwater impacts. Please ensure the soil lithology encountered in the bores is described in logs as detailed in the work plan and that the groundwater samples are collected in the next deeper water bearing zone. This may require two immediately adjacent bores to preclude collection of induced cross contamination created by withdrawing multiple probe rods. A reduction in the number of deep bore locations may be advisable or appropriate. Please communicate with ACEH if or how this modification is managed by the date identified below.
- e. Laboratory analysis for fuel oxygenates (MTBE, TAME, ETBE, DIPE, TBA) and lead scavengers (EDB & EDC) were not specifically mentioned in the analytical testing program for soil and groundwater at the site and do not appear to have previously been conducted at the site. Please ensure these analytes are included in the analytical suite. Future elimination or reduction of these analytical requirements may be possible if these compounds are demonstrated not to be present beneath the site.
- f. The work plan proposes analysis for TPHg, TPHd, TPHss, and TRPH. ACEH requests that a multi-range analysis (aka, fuel fingerprinting) be requested. A cost savings is likely to be realized, and an improved understanding of site contamination is likely to be derived, if a multi-range analysis is conducted. ACEH requests the analysis be extended to include TPHmo in place of TRPH.
- g. ACEH notes and approves the use of expedited site investigation methodology such as the proposed installation of up to four wells based on investigation derived data, and in conjunction with consultation with ACEH. However, the work plan proposes installation of 15-foot length well screens. ACEH recommends the use of monitoring wells designed with sand pack intervals of 5 feet or less; such wells will likely be representative of depth discrete groundwater conditions. Please note that recently installed wells are required to be sampled on a quarterly basis for a minimum of one year after installation, and that a reduced sampling interval may thereafter be appropriate.
- h. Soil samples below groundwater are not proposed to be collected during future well construction field work. ACEH requests that soil samples also be authoritatively collected based on indications of contamination (PID detections, odor, staining, or etc.) above or below groundwater as encountered in a bore at the time of drilling. This will help determine the vertical and lateral extent of impacts at the site and vicinity, one of the goals for the site. If these indications are not encountered, collection of soil samples at or just above the soil – water interface is requested.

#### **TECHNICAL REPORT REQUEST**

Please submit the following deliverables and technical reports to ACEH (Attention: Mark Detterman), according to the following schedule:

- **August 27, 2010** – Addendum to Work Plan, if needed (Item D above)
- **September 24, 2010** – Miscellaneous Report - Preliminary data transmittal and selection of well locations
- **October 29, 2010** – Subsurface Investigation and Quarterly Groundwater Monitoring Report
- **January 30, 2010** – Second Groundwater Monitoring and Sampling Report



Mr. Robertson, Ms. Campos, and Mr. & Ms. Madler  
RO0002945  
July 26, 2010, Page 3

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.

Should you have any questions, please contact me at (510) 567--6876 or send me an electronic mail message at [mark.detterman@acgov.org](mailto:mark.detterman@acgov.org).

Sincerely,

Mark E. Detterman, PG, CEG  
Hazardous Materials Specialist

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

cc: Leroy Griffin, Oakland Fire Department, 250 Frank H. Ogawa Plaza, Suite 3341, Oakland, CA 94612-2032 (sent via electronic mail to [lgriffin@oaklandnet.com](mailto:lgriffin@oaklandnet.com))

Carmen Harms, Division of Financial Assistance, SWRCB, 1001 I Street, 17<sup>th</sup> Floor, Sacramento, CA 95814; (sent via electronic mail to [Charms@waterboards.ca.gov](mailto:Charms@waterboards.ca.gov))

Steven Reinlib, Eagle Environmental Company, 4909 Third Street, San Francisco, CA 94124  
(sent via electronic mail to [Reinlib@aol.com](mailto:Reinlib@aol.com))

Sami Malaeb, 350 Main Street, Suite H1, Pleasanton, CA 94566  
(sent via electronic mail to [s.malaeb@comcast.net](mailto:s.malaeb@comcast.net))

Donna Drogos, ACEH, (sent via electronic mail to [donna.drogos@acgov.org](mailto:donna.drogos@acgov.org))  
Mark Detterman, ACEH, (sent via electronic mail to [mark.detterman@acgov.org](mailto:mark.detterman@acgov.org))  
File

## Attachment 1

### Responsible Party(ies) Legal Requirements / Obligations

#### REPORT REQUESTS

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

#### ELECTRONIC SUBMITTAL OF REPORTS

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

#### PERJURY STATEMENT

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

#### PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

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

#### UNDERGROUND STORAGE TANK CLEANUP FUND

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

#### AGENCY OVERSIGHT

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

<b>Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC)</b>	<b>ISSUE DATE:</b> July 5, 2005
	<b>REVISION DATE:</b> July 8, 2010
	<b>PREVIOUS REVISIONS:</b> December 16, 2005, October 31, 2005
<b>SECTION:</b> Miscellaneous Administrative Topics & Procedures	<b>SUBJECT:</b> Electronic Report Upload (ftp) Instructions

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

#### REQUIREMENTS

- Entire report including cover letter must be submitted to the ftp site as a **single portable document format (PDF) with no password protection**. (Please do not submit reports as attachments to electronic mail.)
- 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)

#### Additional Recommendations

- A separate copy of the tables in the document should be submitted by e-mail to your Caseworker in **Excel** format. These are for use by assigned Caseworker only.

#### 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 [dehloptoxic@acgov.org](mailto:dehloptoxic@acgov.org)  
Or
    - ii) Send a fax on company letterhead to (510) 337-9335, to the attention of Teena Le Khan.
  - b) In the subject line of your request, be sure to include **"ftp PASSWORD REQUEST"** and in the body of your request, include the **Contact Information, Site Addresses**, and the **Case Numbers (RO# available in Geotracker) you will be posting for**.
- 2) Upload Files to the ftp Site
  - a) Using Internet Explorer (IE4+), go to <ftp://alcoftp1.acgov.org>
    - (i) Note: Netscape and Firefox browsers will not open the FTP site.
  - b) Click on Page on upper right side of browser, and then scroll down to Open FTP Site in Windows Explorer.
  - c) Enter your User Name and Password. (Note: Both are Case Sensitive.)
  - d) Open "My Computer" on your computer and navigate to the file(s) you wish to upload to the ftp site.
  - e) With both "My Computer" and the ftp site open in separate windows, drag and drop the file(s) from "My Computer" to the ftp window.
- 3) Send E-mail Notifications to the Environmental Cleanup Oversight Programs
  - a) Send email to [dehloptoxic@acgov.org](mailto:dehloptoxic@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.



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

August 17, 2011

Mr. Peter Robertson  
Sailsbury Avenue Associates, LLC  
2917 MacArthur Blvd., #3F  
Oakland, CA 94602  
(sent via electronic mail to [britpete@aol.com](mailto:britpete@aol.com))

Ms. Maria Campos  
1424 Fruitvale Ave.  
Oakland, CA 94601

Mr. & Mrs. John Madler  
1030 Dutton Avenue  
San Leandro, CA 94577

Subject: Approval of Addendum 1 to Revised Workplan; Fuel Leak Case No. RO0002945 and Geotracker Global ID T0619778840, Chevron #9-8861 (Independent), 2145 35<sup>th</sup> Avenue, Oakland, CA 94601

Dear Mr. Robertson, Ms. Campos, and Mr. & Ms. Madler:

Alameda County Environmental Health (ACEH) staff has reviewed the case file including *Addendum 1 to the Revised Phase II Investigation Workplan*, dated August 26, 2010. The report was submitted and prepared on your behalf by Eagle Environmental Construction Company (EEC). Thank you for submitting the addendum.

The addendum satisfied the Technical Report Request for an addendum to address Technical Comment 1d of the July 26, 2010 directive letter. As also requested in that directive letter, and based on ACEH staff review of associated reports and addenda, the proposed scope of work is conditionally approved for implementation provided that the technical comments contained in all directive letters are incorporated during the proposed field investigation. Submittal of a revised work plan or a work plan addendum is not required unless an alternate scope of work outside that described in the work plan, addenda, or technical comments is proposed. We request that you perform the proposed work and send us the reports requested below. Please provide 72-hour advance written notification to this office (e-mail preferred to: [mark.detterman@acgov.org](mailto:mark.detterman@acgov.org)) prior to the start of field activities.

### **TECHNICAL REPORT REQUEST**

Please submit the following deliverables and technical reports to ACEH (Attention: Mark Detterman), according to the following schedule:

- **November 14, 2011** – Miscellaneous Report - Preliminary data transmittal and selection of well locations
- **January 13, 2012** – Subsurface Investigation and Quarterly Groundwater Monitoring Report
- **April 27, 2012** – Second Groundwater Monitoring and Sampling Report

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.

Mr. Robertson, Ms. Campos, and Mr. & Ms. Madler  
RO0002945  
August 17, 2011, Page 2

Should you have any questions, please contact me at (510) 567--6876 or send me an electronic mail message at [mark.detterman@acgov.org](mailto:mark.detterman@acgov.org).

Sincerely,

Mark Detterman, PG, CEG  
Senior Hazardous Materials Specialist

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

cc: Steven Reinlib, Eagle Environmental Company, 4909 Third Street, San Francisco, CA 94124  
(sent via electronic mail to [Reinlib@aol.com](mailto:Reinlib@aol.com))

Sami Malaeb, 350 Main Street, Suite H1, Pleasanton, CA 94566  
(sent via electronic mail to [s.malaeb@comcast.net](mailto:s.malaeb@comcast.net))

Leroy Griffin, Oakland Fire Department, 250 Frank H. Ogawa Plaza, Ste. 3341, Oakland, CA 94612-2032 (Sent via E-mail to: [lgriffin@oaklandnet.com](mailto:lgriffin@oaklandnet.com))

Marisa Rodarte, Division of Financial Assistance, SWRCB, 1001 I Street, 17<sup>th</sup> Floor, Sacramento, CA 95814; (sent via electronic mail to [mrodarte@waterboards.ca.gov](mailto:mrodarte@waterboards.ca.gov))

Donna Drogos, ACEH, (sent via electronic mail to [donna.drogos@acgov.org](mailto:donna.drogos@acgov.org))  
Mark Detterman, ACEH, (sent via electronic mail to [mark.detterman@acgov.org](mailto:mark.detterman@acgov.org))  
Geotracker, Case Electronic File

**Responsible Party(ies) Legal Requirements / Obligations**

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**PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS**

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

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

**AGENCY OVERSIGHT**

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

<b>Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC)</b>	<b>REVISION DATE:</b> July 20, 2010
	<b>ISSUE DATE:</b> July 5, 2005
	<b>PREVIOUS REVISIONS:</b> October 31, 2005; December 16, 2005; March 27, 2009; July 8, 2010
<b>SECTION:</b> Miscellaneous Administrative Topics & Procedures	<b>SUBJECT:</b> Electronic Report Upload (ftp) Instructions

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

## REQUIREMENTS

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- Entire report including cover letter must be submitted to the ftp site as **a single portable document format (PDF) with no password protection.**
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- **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.**
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- 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) Using Internet Explorer (IE4+), go to <ftp://alcoftp1.acgov.org>
    - (i) Note: Netscape, Safari, and Firefox browsers will not open the FTP site as they are NOT being supported at this time.
  - b) Click on Page located on the Command bar on upper right side of window, and then scroll down to Open FTP Site in Windows Explorer.
  - c) Enter your User Name and Password. (Note: Both are Case Sensitive.)
  - d) Open "My Computer" on your computer and navigate to the file(s) you wish to upload to the ftp site.
  - e) With both "My Computer" and the ftp site open in separate windows, drag and drop the file(s) from "My Computer" to the ftp window.
- 3) Send E-mail Notifications to the Environmental Cleanup Oversight Programs
  - a) Send email to [deh.loptoxic@acgov.org](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.



# APPENDIX B BORING LOGS FROM THE 2007 DRILLING AND SAMPLING

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





## Log of Exploratory Boring

**Brighton Environmental Consulting**

**Boring No. B1    Sheet 1 of 1**

Client: Campos	Date begin: 2/23/07	Hole diameter: 2-1/4"	Total depth of boring: 20'
Site: 2145 35th Avenue, Oakland	Date finish: 2/23/07	Local agency: ACPWA	Local permit no. W2007-0172
Logged by: Allen J. Waldman, PG 6323		Installed temporary slotted PVC casing to collect groundwater sample.	
Drilling Co.: Precision Sampling, Inc.		Backfilled boring with neat cement.	
Driller: Roberto		Drill rig model: Geoprobe 7720DT	
Drilling method: Direct-push with Macro-Core sampler (MC)		Depth to first encountered water: 12'	

		Pocket Penetrometer (tsf)	PID reading (ppmv)	Sampler Type	Recovery (ft/ft)	Sample Interval	Depth (ft)	Soil/Rock Symbol	Graphic Log	Soil/Rock Description
				MC	4/4.5	↑	2	FILL		CONCRETE (5")
							4			FILL-SANDY CLAY (SC): mottled very dark gray (10YR 3/1) to yellowish brown (10YR 5/4), damp, no odor.
				MC	5/5	X	6			@5': some asphalt.
		44					8	CL		@6': CLAY with SAND (CL), brown (10YR 5/3), medium plasticity, 15% fine sand, damp, no odor.
							10	CL		@9': CLAY (CL), dark gray (5Y 4/1), medium plasticity, slightly silty, soft, moist, strong petroleum odor.
		900		MC	4/5	↓	12	SM		@10.2: SILTY SAND (SM), dark gray (5Y 4/1), 15-30% low plasticity fines, 70-85% fine sand, moist, strong petroleum odor.
							14	GM		@11.5': wet.
							16	CL		@12': SILTY GRAVEL (GM), dark gray (5Y 4/1), 15% low plasticity fines, 35% fine to coarse sand, 50% fine gravel, wet.
				MC	4.1/5	↓	18			@13.2': CLAY (CL), yellowish brown (10YR 5/4), medium plasticity, slightly silty, moist, no petroleum odor, oxide staining throughout, sharp contact with overlying gravel.
							20			Bottom of Boring = 20'

## Log of Exploratory Boring

**Brighton Environmental Consulting**

**Boring No. B2 Sheet 1 of 1**

Client: Campos	Date begin: 2/23/07	Hole diameter: 2-1/4" Total depth of boring: 15'
Site: 2145 35th Avenue, Oakland	Date finish: 2/23/07	Local agency: ACPWA Local permit no. W2007-0172
Backfilled boring with neat cement.		
Logged by: Allen J. Waldman, PG 6323		
Drilling Co.: Precision Sampling, Inc.		
Driller: Roberto Drill rig model: Geoprobe 7720DT		
Drilling method: Direct-push with Macro-Core sampler (MC) Depth to first encountered water: 10'		

			Pocket Penetrometer (tsf)	PID reading (ppmv)	Sampler Type	Recovery (ft/ft)	Sample Interval	Depth (ft)	Soil/Rock Symbol	Graphic Log	Soil/Rock Description
					MC	4.5/4.5	↑	2	FILL		CONCRETE (4")
			0				↕	4			FILL-SANDY CLAY (SC): very dark gray (10YR 3/1), stiff, damp.
			2.5				↕	6			
					MC	5/5	X	8	CL		@7': CLAY (CL), grayish brown (10YR 5/2), medium plasticity, slightly mottled by oxidation, trace rootlets (<1mm), moist.
			0				↕	10	▽		@10': wet.
							↕	12	SC		@11': CLAYEY SAND (SC), mottled dark gray (5Y 4/1) with greenish tint to yellowish brown (2.5Y 5/4), 45% low-plasticity fines, 55% fine sand, wet.
					MC	3.5/5	↓	14			@12.5': mottling absent, slightly coarser grained sand, fewer fines and more silty, wet.
							↕	16			Bottom of Boring = 15'

@8' retained analytical sample

# Log of Exploratory Boring

**Brighton Environmental Consulting**

**Boring No. B3 Sheet 1 of 1**

Client: Campos	Date begin: 2/23/07	Hole diameter: 2-1/4"	Total depth of boring: 15'
Site: 2145 35th Avenue, Oakland	Date finish: 2/23/07	Local agency: ACPWA	Local permit no. W2007-0172
Logged by: Allen J. Waldman, PG 6323		Backfilled boring with neat cement	
Drilling Co.: Precision Sampling, Inc.			
Driller: Roberto		Drill rig model: Geoprobe 7720DT	
Drilling method: Direct-push with Macro-Core sampler (MC)		Depth to first encountered water: 11'	

			Pocket Penetrometer (tsf)	PID reading (ppmv)	Sampler Type	Recovery (ft/ft)	Sample Interval	Depth (ft)	Soil/Rock Symbol	Graphic Log	Soil/Rock Description
					MC	4.5/4.5	↑	2	FILL		CONCRETE (5")
							↓	4			FILL-SANDY CLAY (SC): very dark gray (10YR 3/1), stiff, damp.
					MC	5/5	↑	6	CL		@6": CLAY with SAND (CL), grayish brown (2.5Y 5/2) with oxide staining, medium plasticity, ~15% sand, trace fine gravel, stiff, damp, no noticeable petroleum odor, the pattern of oxide staining looks like rootlets.
			5	0			↓	8			@11.0": oxide staining absent, silty, 10-15% fine sand, wet.
							↓	10	▽		@11.5": olive green mottling, 20 -25% fine to medium grained sand.
					MC	.15	↑	12			
							↓	14	SC		@13": CLAYEY SAND with GRAVEL (SC), strong brown (7.5Y 4/6), 15% fines, fine to coarse sand, 25% fine gravel, hard, wet, highly oxidized, no odor.
			0				↓	16			Bottom of Boring = 15'





@ .5' retained analytical sample

## Log of Exploratory Boring

**Brighton Environmental Consulting**

**Boring No. B4 Sheet 1 of 1**

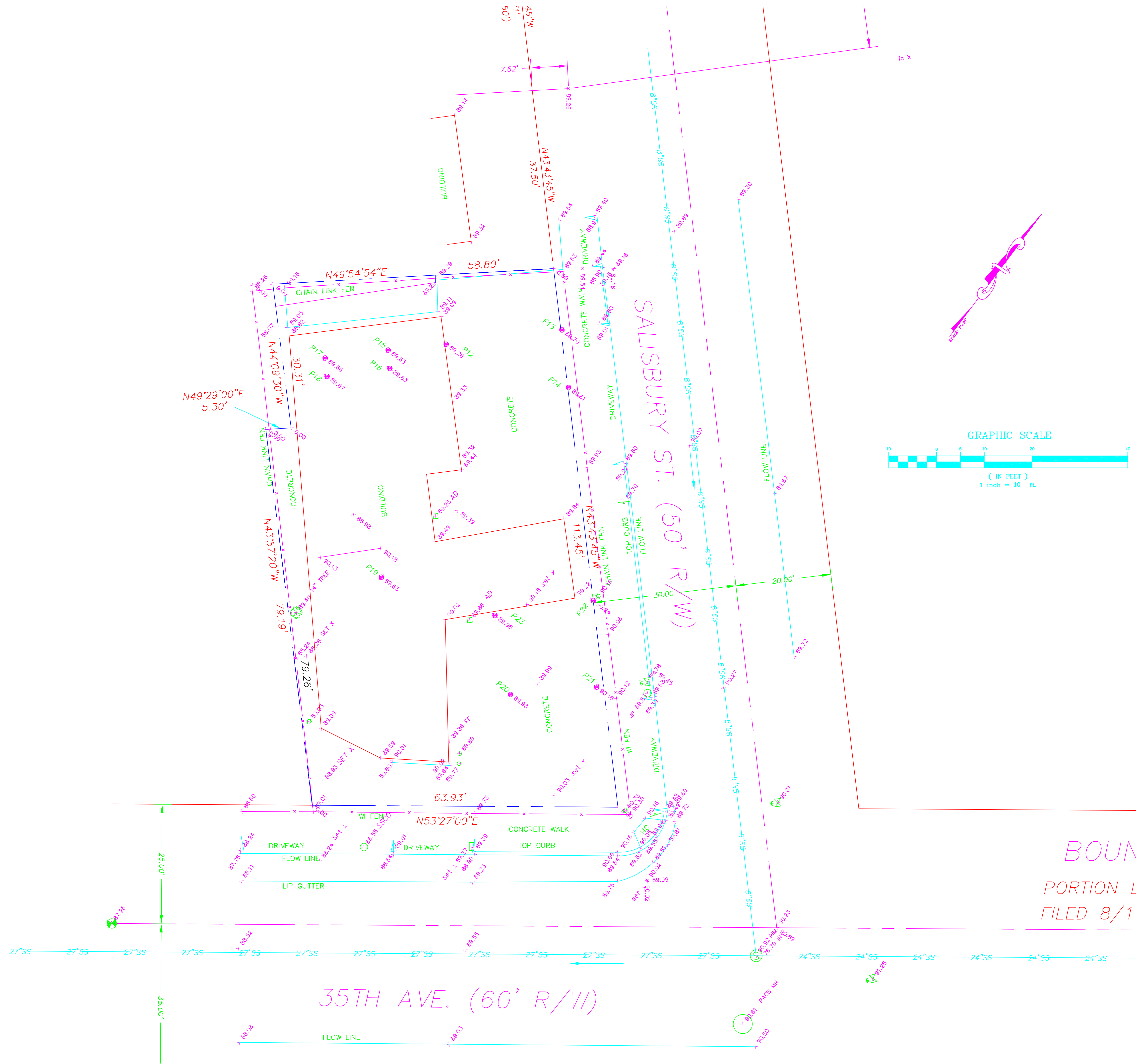
Client: Campos	Date begin: 2/23/07	Hole diameter: 2-1/4" Total depth of boring: 15'
Site: 2145 35th Avenue, Oakland	Date finish: 2/23/07	Local agency: ACPWA Local permit no. W2007-0172
Logged by: Allen J. Waldman, PG 6323		Backfilled boring with neat cement
Drilling Co.: Precision Sampling, Inc.		
Driller: Roberto Drill rig model: Geoprobe 7720DT		
Drilling method: Direct-push with Macro-Core sampler (MC)		Depth to first encountered water: 12'

Pocket Penetrometer (tsf)	PID reading (ppmv)	Sampler Type	Recovery (ft/ft)	Sample Interval	Depth (ft)	Soil/Rock Symbol	Graphic Log	Soil/Rock Description
		MC	4.5/4.5		2	FILL		CONCRETE (5")
					4			FILL-SANDY CLAY (SC): mottled very dark gray (10YR 3/1) to yellowish brown (10YR 5/4), damp, no odor.
		MC	3/5		6			
	@7.5' retained analytical sample 2.0 >10,000				8	CL		@7': CLAY (CL), dark gray (5Y 4/1) with greenish tint, medium plasticity, medium stiff, damp to moist, strong petroleum odor.
		MC	4.5/5		10			
					12	SC		@12': CLAYEY SAND (SC), dark gray (5Y 4/1), 40% medium plasticity fines, fine to medium sand, strong petroleum odor., wet.
	0				14	GC		@13': CLAYEY GRAVEL with SAND (GC), dark gray (5Y 4/1), up to 30% fines (varying percentages in layered sequences), fine to coarse sand, ~50% gravel, wet, strong petroleum odor.
					16			Bottom of Boring = 15'

# APPENDIX C

## SURVEYOR'S DATA

---



**BASIS OF BEARINGS**

BEARINGS ARE BASED ON THE COURSES RECITED IN THE DEED TO MARIA CAMPOS DOCUMENT NO. 2000-076278.

**BENCHMARK**

CITY OF OAKLAND DATUM. TBM: ELEV. 90.00'. TOP SOUTH CURB RETURN SOUTHWEST CORNER OF INTERSECTION OF 35TH AVE. & SALISBURY ST.

**UTILITY NOTE**

THE SURFACE UTILITIES SHOWN ON THIS DRAWING HAVE BEEN LOCATED BY FIELD SURVEY. THE UNDERGROUND UTILITIES SHOWN HAVE BEEN COMPILED FROM RECORDS OF THE VARIOUS AGENCIES. THE SURVEYOR ASSUMES NO RESPONSIBILITY FOR THEIR INDICATED LOCATION, SIZE OR TYPE. RECORD UTILITY INFORMATION SHOULD BE CONFIRMED BY EXPOSING THE UTILITY.

**NOTES**

THERE ARE NO VERTICAL CURVES WITHIN 300 FEET OF THE PROPOSED DRIVEWAY.

**SURVEYOR'S STATEMENT**

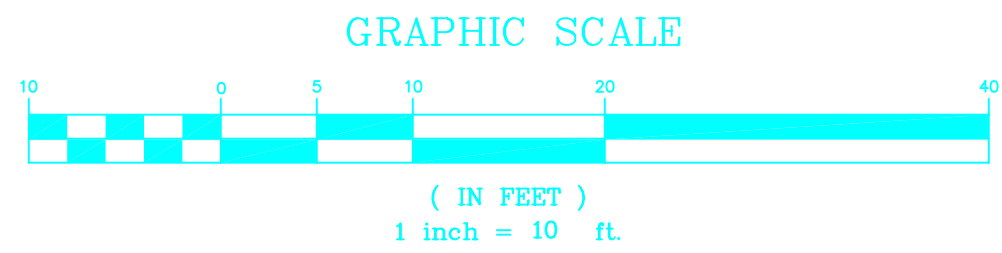
THIS MAP CORRECTLY REPRESENTS A FIELD SURVEY MADE BY ME OR UNDER MY DIRECTION IN CONFORMANCE WITH THE REQUIREMENTS OF THE LAND SURVEYOR'S ACT AT THE REQUEST OF PETER ROBERTSON ON AUGUST 28, 2006.

I HEREBY STATE THAT ALL EXISTING GRADES DELINEATED UPON THIS PLAT ARE BASED UPON CITY OF OAKLAND DATUM.

I HEREBY FURTHER STATE THAT TO THE BEST OF MY KNOWLEDGE ALL APPLICABLE STATE LAWS AND LOCAL ORDINANCES HAVE BEEN COMPLIED WITH.

I HEREBY FURTHER STATE THAT THE PARCEL DELINEATED BY MY SURVEY AND SHOWN ON THIS MAP IS THE SAME AS THAT SHOWN ON THAT CERTAIN DEED RECORDED 2000-76278, ALAMEDA COUNTY RECORDER'S OFFICE, AND THE CURRENT EQUALIZED COUNTY ASSESSMENT ROLL AS A UNIT.

I HEREBY FURTHER STATE THAT IN ACCORDANCE WITH THE PROFESSIONAL LAND SURVEYOR'S ACT THE PERFORMANCE OF THIS SURVEY DOES NOT REQUIRE A RECORD OF SURVEY TO BE FILED.



PAUL CANUMAY, PLS 3272  
LICENSE EXPIRES JUNE 30, 2008

DATE

**LEGEND**

- ⊙ FOUND STANDARD STREET MONUMENT
- ⊕ SANITARY SEWER MANHOLE
- ⊕ SET CROSS IN CONCRETE
- TBC TOP OF BACK OF CURB
- FL FLOW LINE OF CURB
- P/L PROPERTY LINE
- L/G LIP OF GUTTER
- WM WATER METER
- BW BACK OF WALK
- ⊕ BORE HOLE LOCATION

**BOUNDARY AND TOPOGRAPHIC SURVEY**  
 PORTION LOTS 2, 3 & 4, BLOCK A, FRUIT VALE VILLA TRACT  
 FILED 8/11/1890 (10 M 64), ALAMEDA COUNTY RECORDS  
 OAKLAND, ALAMEDA COUNTY, CALIFORNIA

SCALE: 1" = 10'

OCTOBER 15, 2006

8/26/11 ADD BORE HOLES

CANUMAY LAND SURVEYING  
 P.O. BOX 121  
 BENICIA, CALIFORNIA  
 (707) 747-0458

# APPENDIX D HYDRAULIC LIFT DISPOSAL DOCUMENTATION

---

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>CAC 002 683 869</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>510-476-1740</b>	4. Manifest Tracking Number <b>007269886 JJK</b>	
5. Generator Name and Mailing Address <b>3150 Hilltop Mall Rd. Ste 7 Richmond CA</b>			Generator's Site Address (if different than mailing address) <b>2145 35th Ave Oakland CA 94601</b>			
6. Transporter 1 Company Name <b>Leap Environmental Services Inc.</b>			U.S. EPA ID Number <b>CAL 000 362 950</b> <b>CAC 888 369 086</b>			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>7300 Chevron Way Dixon CA 95620</b>			U.S. EPA ID Number <b>CAT080012602</b>			
Facility's Phone: <b>707-693-6008</b>						
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt/Vol.	13. Waste Codes
		No.	Type			
1.	<b>Non RCRA Hazardous Waste Liquid (Oil &amp; Water)</b>	<b>02</b>	<b>DM</b>	<b>75</b>	<b>G</b>	<b>223</b>
2.						
3.						
4.						
14. Special Handling Instructions and Additional Information <b>Wear PPE; ERG 152; Emergency Contact: Charles Seaton 510-476-1740</b> <b>2 X 55 DM</b>						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Offoror's Printed/Typed Name <b>Tim Hellen (on behalf of owner)</b>			Signature <i>Tim Hellen (on behalf of owner)</i>		Month <b>1</b>	Day <b>18</b>
					Year <b>12</b>	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name <b>James C. Buchholz</b>			Signature <i>James C. Buchholz</i>		Month <b>1</b>	Day <b>18</b>
Transporter 2 Printed/Typed Name			Signature		Year <b>12</b>	
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
Manifest Reference Number: _____						
18b. Alternate Facility (or Generator)					U.S. EPA ID Number	
Facility's Phone: _____						
18c. Signature of Alternate Facility (or Generator)					Month	Day
					Year	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1.	2.	3.	4.			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name			Signature		Month	Day
					Year	



# CIRCOSTA IRON AND METAL, INC.

1801 EVANS AVENUE • SAN FRANCISCO, CALIFORNIA 94124  
PHONE (415) 282-8568 FAX (415) 641-7804

BUY NUMBER

## 385637

CUSTOMER GOLDEN GATE TANK  
 ADDRESS \_\_\_\_\_  
 LICENSE NO. \_\_\_\_\_  
 DRIVER'S LIC. NO. # 616521  
 JOB NO. \_\_\_\_\_ NAME \_\_\_\_\_  
 TIME IN 11:10 AM TIME OUT \_\_\_\_\_

DATE: 1-20-12

<b>11360 LB</b>	LBS. GROSS
<b>8440 LB</b>	LBS. TARE
<b>2920</b>	LBS. NET
_____	LBS. DEDUCTION

- #1 HMS
- #2 HMS
- STRUCTURAL
- RE-BAR
- HMS and SHEET MIX
- CLEAN SHEET
- W/G
- CAST IRON
- M-BLOCKS
- BODIES
- NON FERROUS

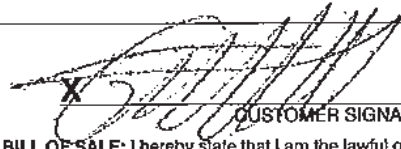
**PAID**  
**JAN 20 2012**

BY: \_\_\_\_\_  
 PREPARED   
 UNPREPARED

WEIGHER \_\_\_\_\_

UNIT PRICE \$ 230.47  
 AMOUNT \$ 335.80

COMMENTS: \_\_\_\_\_

  
 CUSTOMER SIGNATURE

**BILL OF SALE:** I hereby state that I am the lawful owner of the material described hereon, that I have a right to sell same and that for payment received in full, hereby acknowledged. I sell and convey title of same of the CIRCOSTA IRON & METAL CO.



## CERTIFICATE OF DISPOSAL

DATE: January 20, 2012

PROJECT NUMBER: 9264

PROJECT ADDRESS: 2145 35<sup>th</sup> Ave, Oakland CA 94601

AUTOMOTIVE HYDRAULIC LIFT: One Single Cylinder Hydraulic Lift

ORIGINAL HOIST CONTENTS: Hydraulic Oil & Water

Golden Gate Tank Removal, Inc. hereby issues CERTIFICATION that:

- This hydraulic cylinder was cleaned by triple rinsing. The rinsate was collected into two 55-gallon DOT approved drums.
- The Oxygen content of the Hoist was 20.9%
- The Lower Explosive Limit of the Hoist Cylinder was 0%
- The above hydraulic cylinder was rendered harmless by cutting and disposed of as scrap metal at Circosta Iron and Metal, Inc.
- The above method of tank destruction is suitable for the materials involved and is accepted by the City of Oakland as an appropriate disposal method.

Copies of the chain-of-custody manifest for the two 55-drum and the scrap metal receipt are attached to this Certification. If there are any questions regarding this tank, please contact this office.

Golden Gate Tank Removal, Inc.

# APPENDIX E

# LABORATORY REPORTS

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Curtis & Tompkins, Ltd.

Analytical Laboratories, Since 1878





Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878

2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

**Laboratory Job Number 233799**  
**ANALYTICAL REPORT**

Eagle Env. Construction 3150 Hilltop Mall Road, Suite 7 Richmond, CA 94806	Project : 2145 35TH AVENUE Location : 2145 35th Ave.-Salisbury, Oakland, CA Level : II
--	--

<u>Sample ID</u>	<u>Lab ID</u>
S-2-7	233799-001
S-3-7	233799-002
S-4-3	233799-003
S-5-5	233799-004
S-6-5	233799-005

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

Signature:   
Project Manager

Date: 01/25/2012

NELAP # 01107CA

### CASE NARRATIVE

Laboratory number: 233799  
Client: Eagle Env. Construction  
Project: 2145 35TH AVENUE  
Location: 2145 35th Ave.-Salisbury, Oakland, CA  
Request Date: 01/13/12  
Samples Received: 01/13/12

This data package contains sample and QC results for five soil samples, requested for the above referenced project on 01/13/12. The samples were received cold and intact.

**TPH-Purgeables and/or BTXE by GC (EPA 8015B):**

No analytical problems were encountered.

**TPH-Extractables by GC (EPA 8015B):**

No analytical problems were encountered.

**Volatile Organics by GC/MS (EPA 8260B):**

Matrix spikes were not performed for this analysis in batch 183099 due to insufficient sample amount. Low recoveries were observed for many analytes in the MS/MSD for batch 183101; the parent sample was not a project sample, the BS/BSD were within limits, and these low recoveries were not associated with any reported results. High RPD was observed for benzene, toluene, and chlorobenzene; the RPD was acceptable in the BS/BSD, and the high RPD was not associated with any reported results. High surrogate recoveries were observed for bromofluorobenzene in the MS/MSD for batch 183101; the parent sample was not a project sample. S-4-3 (lab # 233799-003) was diluted due to high hydrocarbons. No other analytical problems were encountered.

**Metals (EPA 6010B):**

High recovery was observed for lead in the MS for batch 182898; the parent sample was not a project sample, the BS/BSD were within limits, and the associated RPD was within limits. No other analytical problems were encountered.



COOLER RECEIPT CHECKLIST



Curtis & Tompkins, Ltd.

Login # 233799 Date Received 1/13/12 Number of coolers 0
Client EEC Project Salisbury

Date Opened 1/13/12 By (print) C. Morrow (sign) [Signature]
Date Logged in [Arrow] By (print) [Arrow] (sign) [Arrow]

1. Did cooler come with a shipping slip (airbill, etc) YES NO
Shipping info

2A. Were custody seals present? ... YES (circle) on cooler on samples NO
How many Name Date

2B. Were custody seals intact upon arrival? YES NO N/A

3. Were custody papers dry and intact when received? YES NO

4. Were custody papers filled out properly (ink, signed, etc)? YES NO

5. Is the project identifiable from custody papers? (If so fill out top of form) YES NO

6. Indicate the packing in cooler: (if other, describe)

- Bubble Wrap, Foam blocks, Bags, None, Cloth material, Cardboard, Styrofoam, Paper towels

7. Temperature documentation: \* Notify PM if temperature exceeds 6°C

Type of ice used: Wet, Blue/Gel, None Temp(°C)

Samples Received on ice & cold without a temperature blank; temp. taken with IR gun

Samples received on ice directly from the field. Cooling process had begun

8. Were Method 5035 sampling containers present? YES NO
If YES, what time were they transferred to freezer?

9. Did all bottles arrive unbroken/unopened? YES NO

10. Are there any missing / extra samples? YES NO

11. Are samples in the appropriate containers for indicated tests? YES NO

12. Are sample labels present, in good condition and complete? YES NO

13. Do the sample labels agree with custody papers? YES NO

14. Was sufficient amount of sample sent for tests requested? YES NO

15. Are the samples appropriately preserved? YES NO N/A

16. Did you check preservatives for all bottles for each sample? YES NO N/A

17. Did you document your preservative check? YES NO N/A

18. Did you change the hold time in LIMS for unpreserved VOAs? YES NO N/A

19. Did you change the hold time in LIMS for preserved terracores? YES NO N/A

20. Are bubbles > 6mm absent in VOA samples? YES NO N/A

21. Was the client contacted concerning this sample delivery? YES NO
If YES, Who was called? By Date:

COMMENTS

Blank lines for handwritten comments.







## Batch QC Report

Total Volatile Hydrocarbons				
Lab #:	233799	Location:	2145 35th Ave.-Salisbury, Oakland, CA	
Client:	Eagle Env. Construction	Prep:	EPA 5030B	
Project#:	2145 35TH AVENUE	Analysis:	EPA 8015B	
Type:	LCS	Diln Fac:	1.000	
Lab ID:	QC625516	Batch#:	182990	
Matrix:	Soil	Analyzed:	01/17/12	
Units:	mg/Kg			

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	1.000	0.9579	96	79-120

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	85	61-136

Batch QC Report

Total Volatile Hydrocarbons					
Lab #:	233799	Location:	2145 35th Ave.-Salisbury, Oakland, CA		
Client:	Eagle Env. Construction	Prep:	EPA 5030B		
Project#:	2145 35TH AVENUE	Analysis:	EPA 8015B		
Field ID:	S-2-7	Diln Fac:	1.000		
MSS Lab ID:	233799-001	Batch#:	182990		
Matrix:	Soil	Sampled:	01/13/12		
Units:	mg/Kg	Received:	01/13/12		
Basis:	as received	Analyzed:	01/17/12		

Type: MS Lab ID: QC625518

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	0.1607	9.091	8.046	87	31-120

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	88	61-136

Type: MSD Lab ID: QC625519

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	9.434	8.137	85	31-120	3	57

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	89	61-136

RPD= Relative Percent Difference

**Batch QC Report**

<b>Total Volatile Hydrocarbons</b>		
Lab #:	233799	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8015B
Type:	LCS	Diln Fac: 1.000
Lab ID:	QC626281	Batch#: 183186
Matrix:	Soil	Analyzed: 01/24/12
Units:	mg/Kg	

<b>Analyte</b>	<b>Spiked</b>	<b>Result</b>	<b>%REC</b>	<b>Limits</b>
Gasoline C7-C12	1.000	0.9761	98	79-120

<b>Surrogate</b>	<b>%REC</b>	<b>Limits</b>
Bromofluorobenzene (FID)	102	61-136

Batch QC Report

Total Volatile Hydrocarbons		
Lab #:	233799	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8015B
Field ID:	ZZZZZZZZZZ	Diln Fac: 1.000
MSS Lab ID:	233852-001	Batch#: 183186
Matrix:	Soil	Sampled: 01/17/12
Units:	mg/Kg	Received: 01/17/12
Basis:	as received	Analyzed: 01/24/12

Type: MS Lab ID: QC626312

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	0.1709	10.20	5.049	48	31-120

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	97	61-136

Type: MSD Lab ID: QC626313

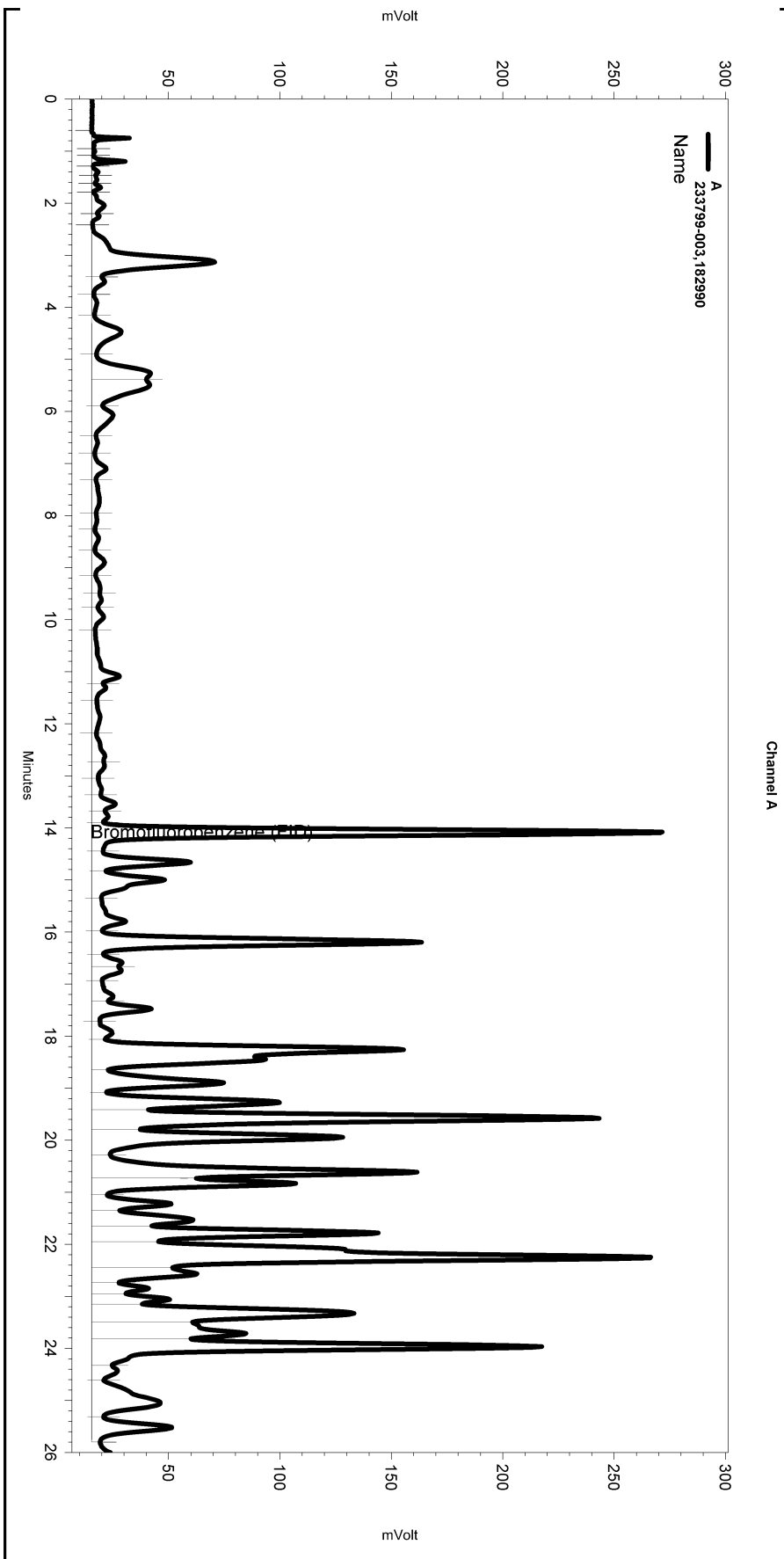
Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	10.64	6.101	56	31-120	15	57

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	99	61-136

RPD= Relative Percent Difference

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 Sample Name: 233799-003,182990  
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 Instrument: GC05 (Offline) Vial: N/A Operator: Tvh 1. Analyst (lims2k3\tvh1)  
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Software Version 3.1.7  
 Run Date: 1/18/2012 8:27:11 AM  
 Analysis Date: 1/18/2012 11:59:18 AM  
 Sample Amount: 1.06 Multiplier: 1.06  
 Vial & pH or Core ID: a



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Yes	Threshold	0	0	50

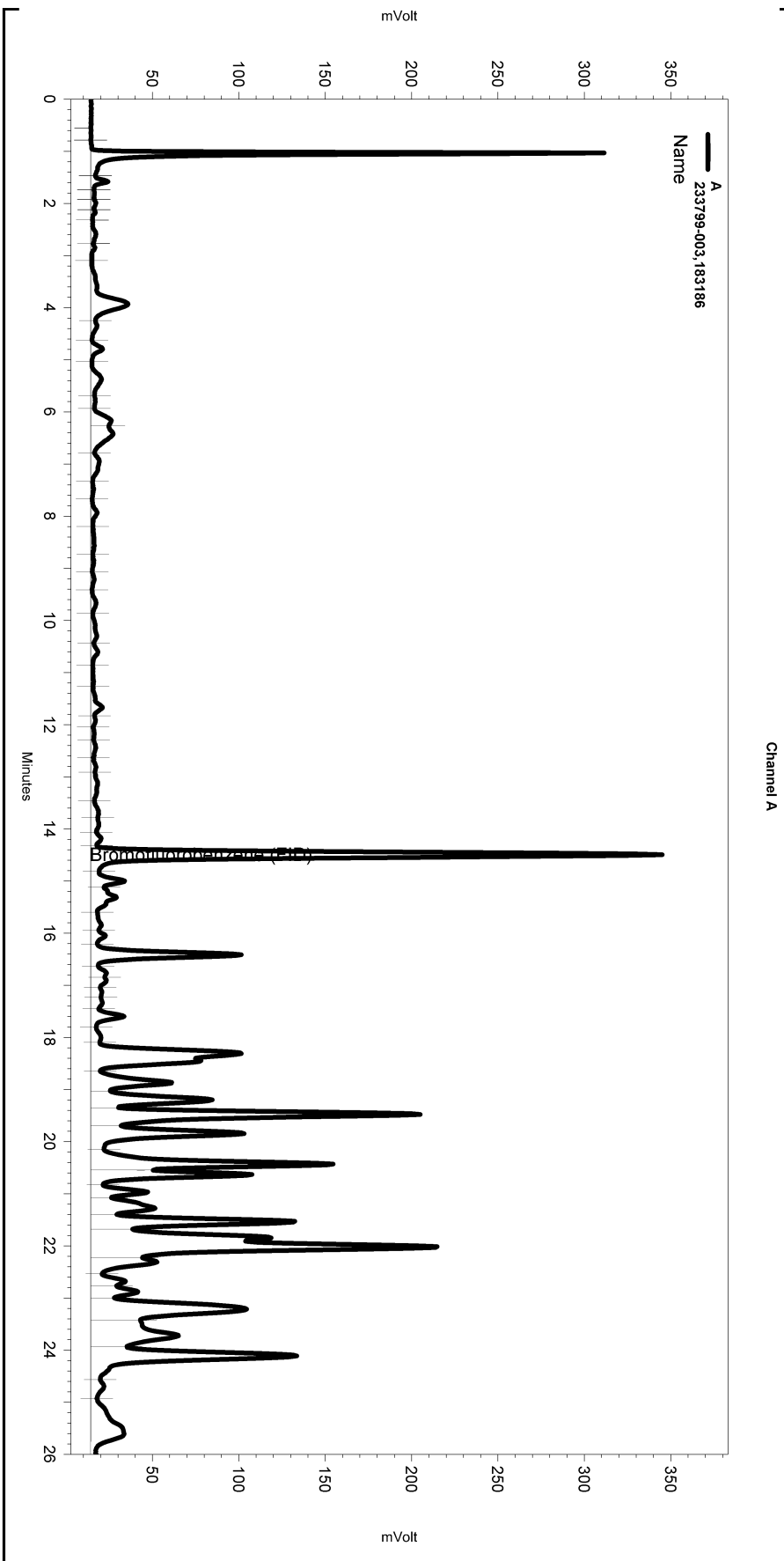
Manual Integration Fixes

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 Data File: \\Lims\gdrive\ezchrom\Projects\GC04\Data\024-007  
 Instrument: GC04 (Offline) Vial: N/A Operator: Tvh 1. Analyst (lims2k3\tvh1)  
 Method Name: \\Lims\gdrive\ezchrom\Projects\GC04\Method\tvhbtxe313r.met

Software Version 3.1.7  
 Run Date: 1/24/2012 6:14:10 PM  
 Analysis Date: 1/25/2012 10:20:16 AM  
 Sample Amount: 0.92 Multiplier: 0.92  
 Vial & pH or Core ID: a



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Yes	Threshold	0	0	50

Manual Integration Fixes

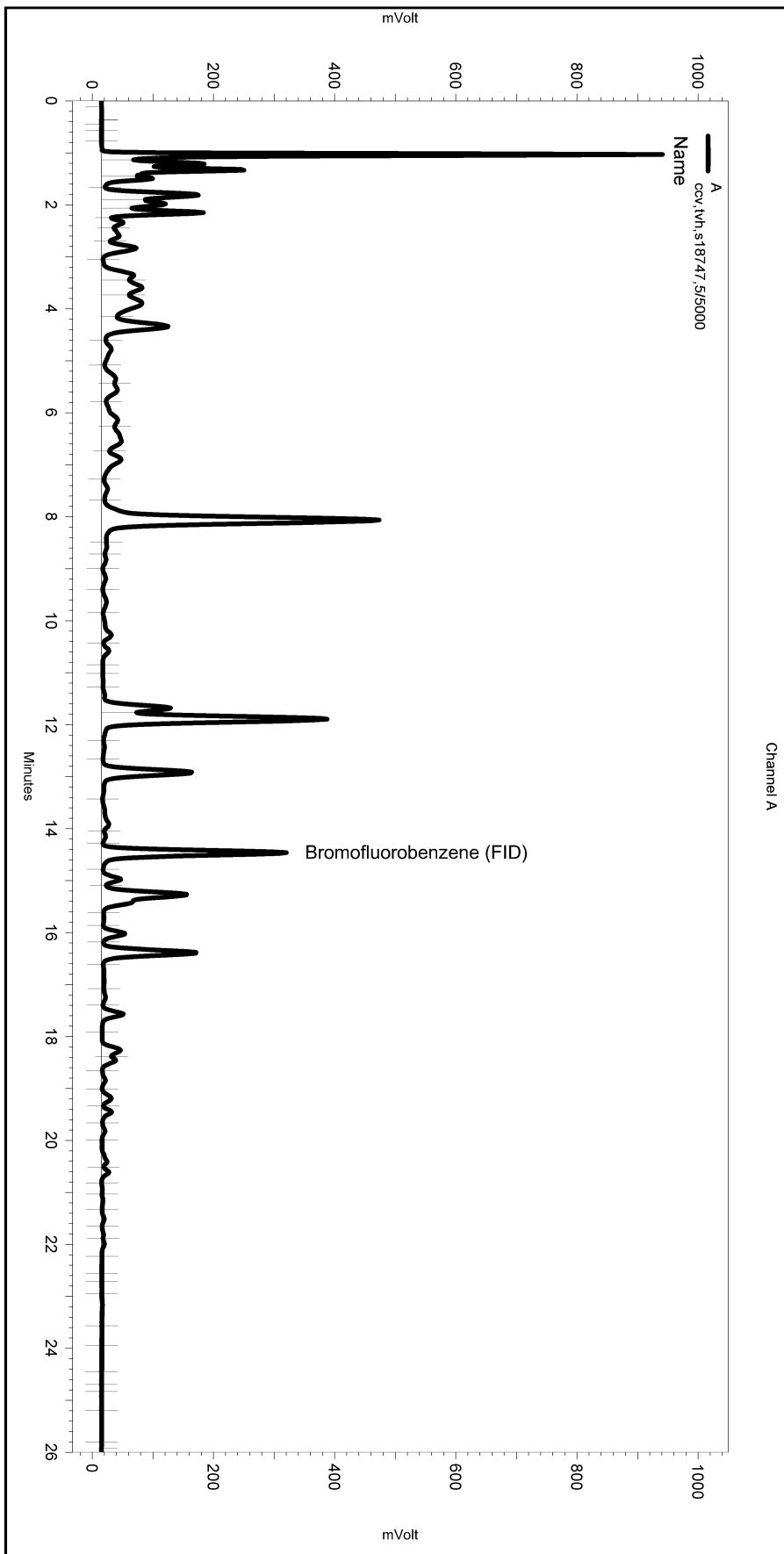
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Yes	Lowest Point Horizontal Baseline	0	26.017	0



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 Data File: \\Lims\gdrive\ezchrom\Projects\GC04\Data\024-002  
 Instrument: GC04 Vial: N/A Operator: lims2k3\tvh3  
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Software Version 3.1.7  
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 Analysis Date: 1/24/2012 12:49:08 PM  
 Sample Amount: 5 Multiplier: 5  
 Vial & pH or Core ID: {Data Description}



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Integration Events

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Yes	Threshold	0	0	50

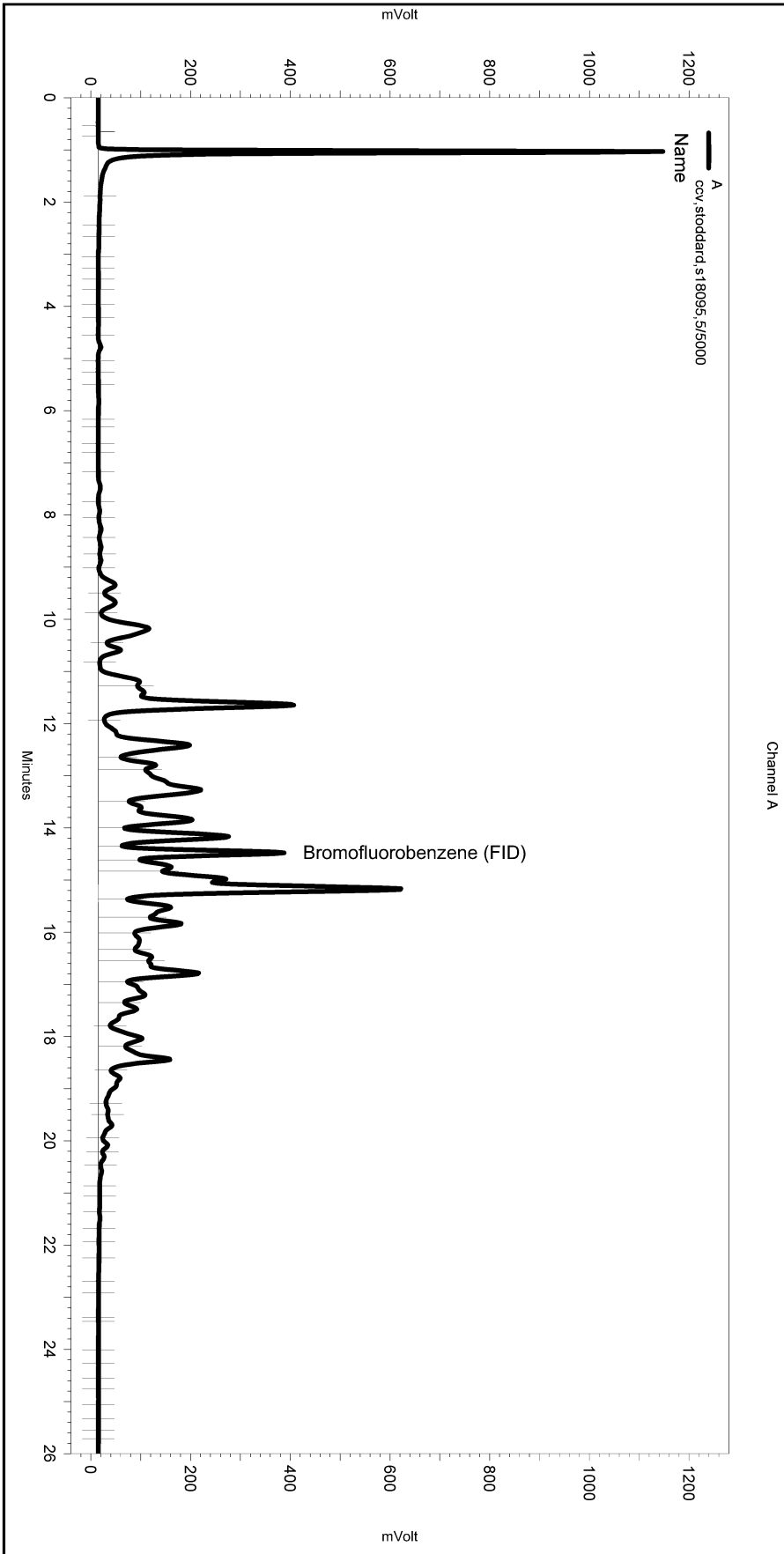
Manual Integration Fixes

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 Instrument: GC04 Vial: N/A Operator: lims2k3\tvh3  
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Software Version 3.1.7  
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 Vial & pH or Core ID: {Data Description}



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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
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Yes	Threshold	0	0	50

Manual Integration Fixes

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Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
None				

Total Extractable Hydrocarbons		
Lab #:	233799	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 3550B
Project#:	2145 35TH AVENUE	Analysis: EPA 8015B
Matrix:	Soil	Batch#: 182934
Units:	mg/Kg	Sampled: 01/13/12
Basis:	as received	Received: 01/13/12
Diln Fac:	1.000	Prepared: 01/16/12

Field ID: S-2-7 Analyzed: 01/17/12  
 Type: SAMPLE Cleanup Method: EPA 3630C  
 Lab ID: 233799-001

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	74	49-128

Field ID: S-3-7 Analyzed: 01/17/12  
 Type: SAMPLE Cleanup Method: EPA 3630C  
 Lab ID: 233799-002

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	83	49-128

Field ID: S-4-3 Analyzed: 01/17/12  
 Type: SAMPLE Cleanup Method: EPA 3630C  
 Lab ID: 233799-003

Analyte	Result	RL
Diesel C10-C24	12 Y	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	81	49-128

Y= Sample exhibits chromatographic pattern which does not resemble standard  
 ND= Not Detected  
 RL= Reporting Limit



Batch QC Report

Total Extractable Hydrocarbons		
Lab #:	233799	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 3550B
Project#:	2145 35TH AVENUE	Analysis: EPA 8015B
Type:	LCS	Diln Fac: 1.000
Lab ID:	QC625312	Batch#: 182934
Matrix:	Soil	Prepared: 01/16/12
Units:	mg/Kg	Analyzed: 01/16/12

Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	49.83	42.83	86	47-132

Surrogate	%REC	Limits
o-Terphenyl	95	49-128

## Batch QC Report

Total Extractable Hydrocarbons			
Lab #:	233799	Location:	2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep:	EPA 3550B
Project#:	2145 35TH AVENUE	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Batch#:	182934
MSS Lab ID:	233776-001	Sampled:	01/12/12
Matrix:	Soil	Received:	01/12/12
Units:	mg/Kg	Prepared:	01/16/12
Basis:	as received	Analyzed:	01/17/12
Diln Fac:	5.000		

Type: MS Lab ID: QC625313

Analyte	MSS Result	Spiked	Result	%REC	Limits
Diesel C10-C24	1,353	49.77	1,316	-75 NM	32-143

Surrogate	%REC	Limits
o-Terphenyl	90	49-128

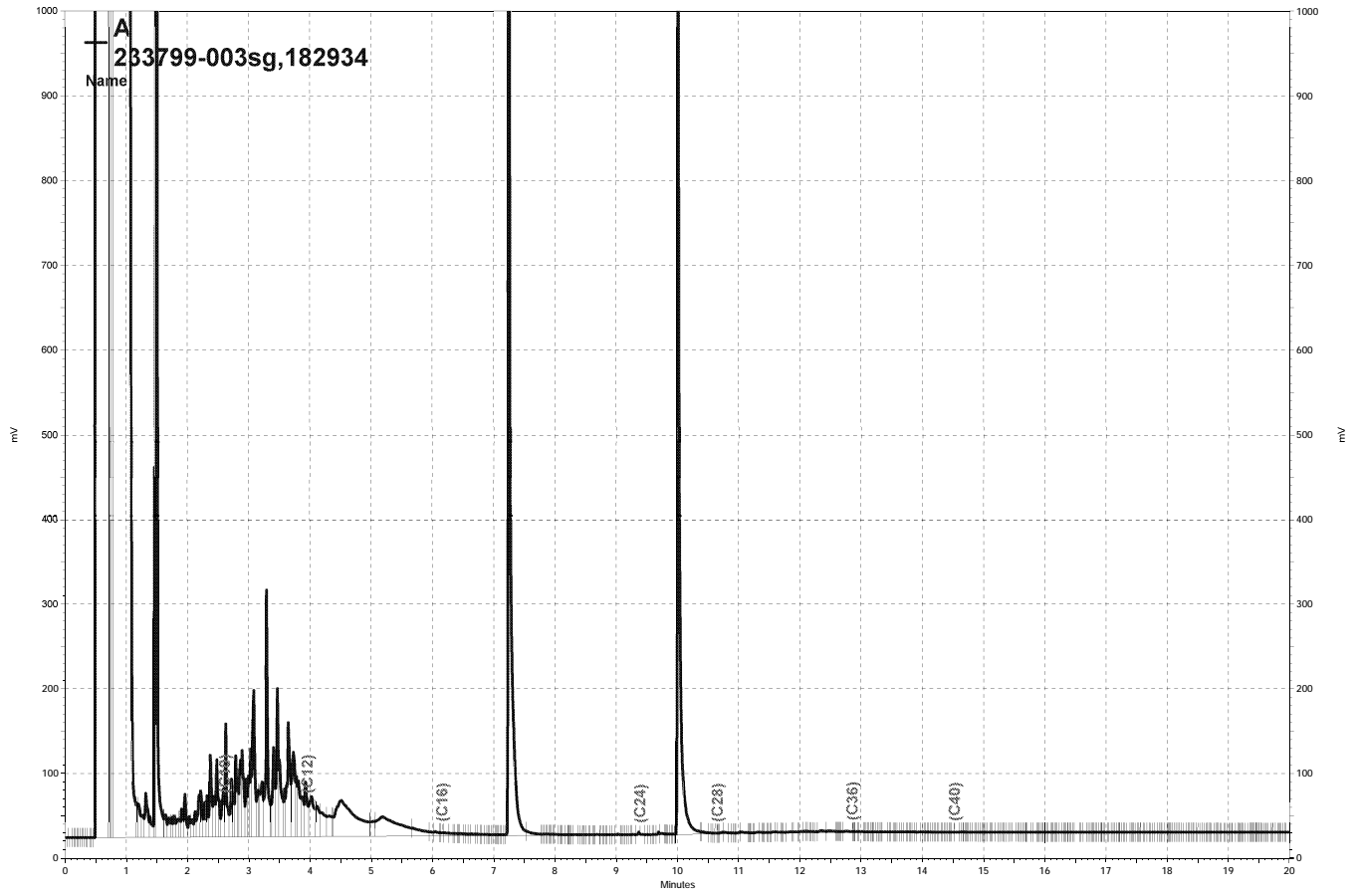
Type: MSD Lab ID: QC625314

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	49.76	1,299	-108 NM	32-143	1	54

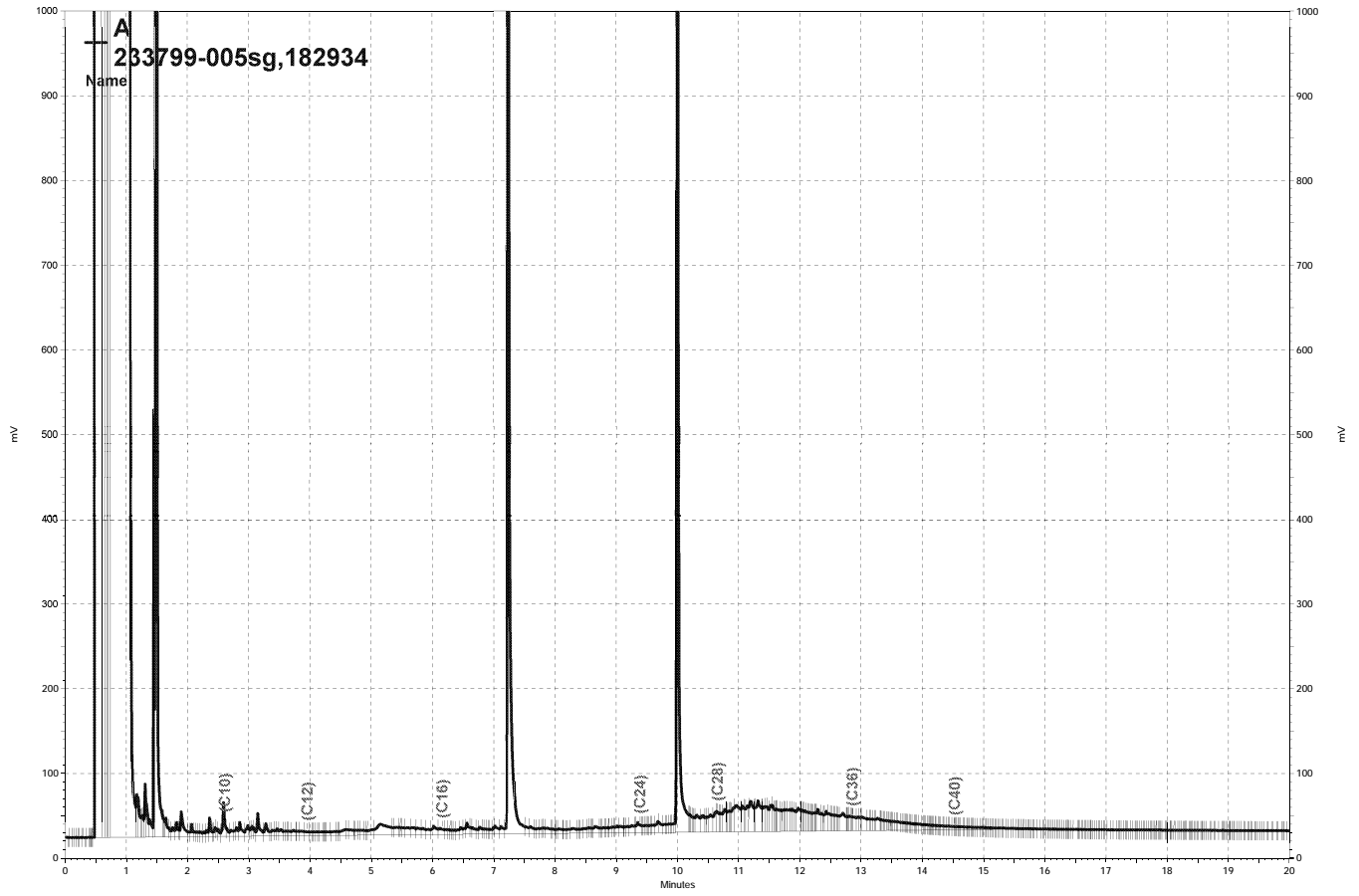
Surrogate	%REC	Limits
o-Terphenyl	103	49-128

NM= Not Meaningful: Sample concentration &gt; 4X spike concentration

RPD= Relative Percent Difference

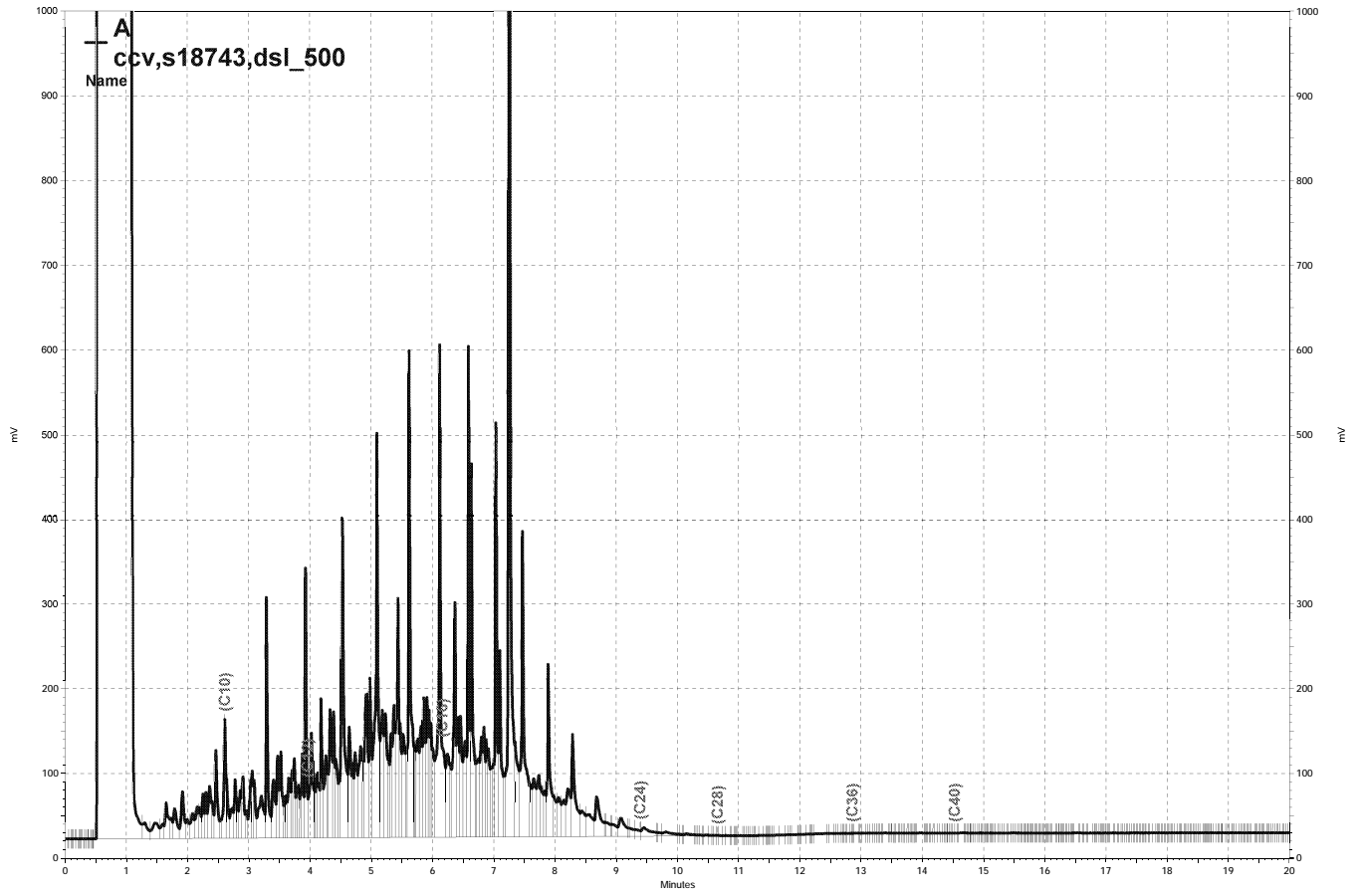


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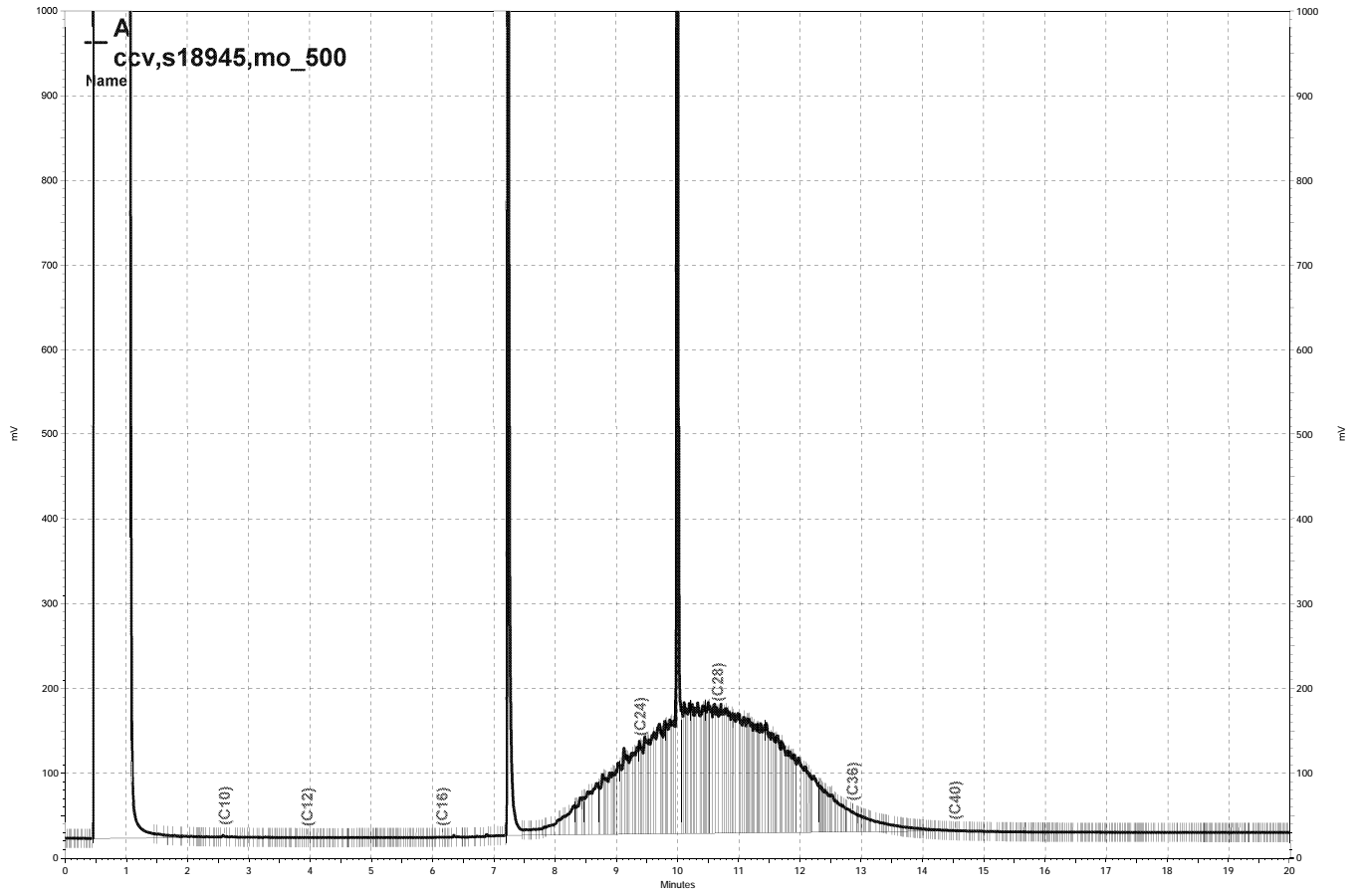


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Volatile Organics			
Lab #:	233799	Location:	2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep:	EPA 5030B
Project#:	2145 35TH AVENUE	Analysis:	EPA 8260B
Field ID:	S-2-7	Diln Fac:	0.9634
Lab ID:	233799-001	Batch#:	182933
Matrix:	Soil	Sampled:	01/13/12
Units:	ug/Kg	Received:	01/13/12
Basis:	as received	Analyzed:	01/16/12

Analyte	Result	RL
Freon 12	ND	9.6
tert-Butyl Alcohol (TBA)	ND	96
Chloromethane	ND	9.6
Isopropyl Ether (DIPE)	ND	4.8
Vinyl Chloride	ND	9.6
Bromomethane	ND	9.6
Ethyl tert-Butyl Ether (ETBE)	ND	4.8
Chloroethane	ND	9.6
Methyl tert-Amyl Ether (TAME)	ND	4.8
Trichlorofluoromethane	ND	4.8
Acetone	ND	19
Freon 113	ND	4.8
1,1-Dichloroethene	ND	4.8
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.8
MTBE	ND	4.8
trans-1,2-Dichloroethene	ND	4.8
Vinyl Acetate	ND	48
1,1-Dichloroethane	ND	4.8
2-Butanone	ND	9.6
cis-1,2-Dichloroethene	ND	4.8
2,2-Dichloropropane	ND	4.8
Chloroform	ND	4.8
Bromochloromethane	ND	4.8
1,1,1-Trichloroethane	ND	4.8
1,1-Dichloropropene	ND	4.8
Carbon Tetrachloride	ND	4.8
1,2-Dichloroethane	ND	4.8
Benzene	ND	4.8
Trichloroethene	ND	4.8
1,2-Dichloropropane	ND	4.8
Bromodichloromethane	ND	4.8
Dibromomethane	ND	4.8
4-Methyl-2-Pentanone	ND	9.6
cis-1,3-Dichloropropene	ND	4.8
Toluene	ND	4.8
trans-1,3-Dichloropropene	ND	4.8
1,1,2-Trichloroethane	ND	4.8
2-Hexanone	ND	9.6
1,3-Dichloropropane	ND	4.8
Tetrachloroethene	ND	4.8
Dibromochloromethane	ND	4.8
1,2-Dibromoethane	ND	4.8
Chlorobenzene	ND	4.8
1,1,1,2-Tetrachloroethane	ND	4.8
Ethylbenzene	ND	4.8
m,p-Xylenes	ND	4.8
o-Xylene	ND	4.8
Styrene	ND	4.8
Bromoform	ND	4.8
Isopropylbenzene	ND	4.8
1,1,2,2-Tetrachloroethane	ND	4.8
1,2,3-Trichloropropane	ND	4.8
Propylbenzene	ND	4.8

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics		
Lab #:	233799	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	S-2-7	Diln Fac: 0.9634
Lab ID:	233799-001	Batch#: 182933
Matrix:	Soil	Sampled: 01/13/12
Units:	ug/Kg	Received: 01/13/12
Basis:	as received	Analyzed: 01/16/12

Analyte	Result	RL
Bromobenzene	ND	4.8
1,3,5-Trimethylbenzene	ND	4.8
2-Chlorotoluene	ND	4.8
4-Chlorotoluene	ND	4.8
tert-Butylbenzene	ND	4.8
1,2,4-Trimethylbenzene	ND	4.8
sec-Butylbenzene	ND	4.8
para-Isopropyl Toluene	ND	4.8
1,3-Dichlorobenzene	ND	4.8
1,4-Dichlorobenzene	ND	4.8
n-Butylbenzene	ND	4.8
1,2-Dichlorobenzene	ND	4.8
1,2-Dibromo-3-Chloropropane	ND	4.8
1,2,4-Trichlorobenzene	ND	4.8
Hexachlorobutadiene	ND	4.8
Naphthalene	ND	4.8
1,2,3-Trichlorobenzene	ND	4.8

Surrogate	%REC	Limits
Dibromofluoromethane	112	74-133
1,2-Dichloroethane-d4	129	74-136
Toluene-d8	104	80-120
Bromofluorobenzene	103	77-130

ND= Not Detected  
 RL= Reporting Limit  
 Page 2 of 2

Volatile Organics			
Lab #:	233799	Location:	2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep:	EPA 5030B
Project#:	2145 35TH AVENUE	Analysis:	EPA 8260B
Field ID:	S-3-7	Diln Fac:	0.9416
Lab ID:	233799-002	Batch#:	182933
Matrix:	Soil	Sampled:	01/13/12
Units:	ug/Kg	Received:	01/13/12
Basis:	as received	Analyzed:	01/16/12

Analyte	Result	RL
Freon 12	ND	9.4
tert-Butyl Alcohol (TBA)	ND	94
Chloromethane	ND	9.4
Isopropyl Ether (DIPE)	ND	4.7
Vinyl Chloride	ND	9.4
Bromomethane	ND	9.4
Ethyl tert-Butyl Ether (ETBE)	ND	4.7
Chloroethane	ND	9.4
Methyl tert-Amyl Ether (TAME)	ND	4.7
Trichlorofluoromethane	ND	4.7
Acetone	ND	19
Freon 113	ND	4.7
1,1-Dichloroethene	ND	4.7
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.7
MTBE	ND	4.7
trans-1,2-Dichloroethene	ND	4.7
Vinyl Acetate	ND	47
1,1-Dichloroethane	ND	4.7
2-Butanone	ND	9.4
cis-1,2-Dichloroethene	ND	4.7
2,2-Dichloropropane	ND	4.7
Chloroform	ND	4.7
Bromochloromethane	ND	4.7
1,1,1-Trichloroethane	ND	4.7
1,1-Dichloropropene	ND	4.7
Carbon Tetrachloride	ND	4.7
1,2-Dichloroethane	ND	4.7
Benzene	ND	4.7
Trichloroethene	ND	4.7
1,2-Dichloropropane	ND	4.7
Bromodichloromethane	ND	4.7
Dibromomethane	ND	4.7
4-Methyl-2-Pentanone	ND	9.4
cis-1,3-Dichloropropene	ND	4.7
Toluene	ND	4.7
trans-1,3-Dichloropropene	ND	4.7
1,1,2-Trichloroethane	ND	4.7
2-Hexanone	ND	9.4
1,3-Dichloropropane	ND	4.7
Tetrachloroethene	ND	4.7
Dibromochloromethane	ND	4.7
1,2-Dibromoethane	ND	4.7
Chlorobenzene	ND	4.7
1,1,1,2-Tetrachloroethane	ND	4.7
Ethylbenzene	ND	4.7
m,p-Xylenes	ND	4.7
o-Xylene	ND	4.7
Styrene	ND	4.7
Bromoform	ND	4.7
Isopropylbenzene	ND	4.7
1,1,2,2-Tetrachloroethane	ND	4.7
1,2,3-Trichloropropane	ND	4.7
Propylbenzene	ND	4.7

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics		
Lab #:	233799	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	S-3-7	Diln Fac: 0.9416
Lab ID:	233799-002	Batch#: 182933
Matrix:	Soil	Sampled: 01/13/12
Units:	ug/Kg	Received: 01/13/12
Basis:	as received	Analyzed: 01/16/12

Analyte	Result	RL
Bromobenzene	ND	4.7
1,3,5-Trimethylbenzene	ND	4.7
2-Chlorotoluene	ND	4.7
4-Chlorotoluene	ND	4.7
tert-Butylbenzene	ND	4.7
1,2,4-Trimethylbenzene	ND	4.7
sec-Butylbenzene	ND	4.7
para-Isopropyl Toluene	ND	4.7
1,3-Dichlorobenzene	ND	4.7
1,4-Dichlorobenzene	ND	4.7
n-Butylbenzene	ND	4.7
1,2-Dichlorobenzene	ND	4.7
1,2-Dibromo-3-Chloropropane	ND	4.7
1,2,4-Trichlorobenzene	ND	4.7
Hexachlorobutadiene	ND	4.7
Naphthalene	ND	4.7
1,2,3-Trichlorobenzene	ND	4.7

Surrogate	%REC	Limits
Dibromofluoromethane	114	74-133
1,2-Dichloroethane-d4	132	74-136
Toluene-d8	101	80-120
Bromofluorobenzene	106	77-130

ND= Not Detected  
 RL= Reporting Limit  
 Page 2 of 2

Volatile Organics		
Lab #:	233799	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	S-4-3	Diln Fac: 50.00
Lab ID:	233799-003	Batch#: 183099
Matrix:	Soil	Sampled: 01/13/12
Units:	ug/Kg	Received: 01/13/12
Basis:	as received	Analyzed: 01/20/12

Analyte	Result	RL
Freon 12	ND	500
tert-Butyl Alcohol (TBA)	ND	5,000
Chloromethane	ND	500
Isopropyl Ether (DIPE)	ND	250
Vinyl Chloride	ND	500
Bromomethane	ND	500
Ethyl tert-Butyl Ether (ETBE)	ND	250
Chloroethane	ND	500
Methyl tert-Amyl Ether (TAME)	ND	250
Trichlorofluoromethane	ND	250
Acetone	ND	1,000
Freon 113	ND	250
1,1-Dichloroethene	ND	250
Methylene Chloride	ND	1,000
Carbon Disulfide	ND	250
MTBE	ND	250
trans-1,2-Dichloroethene	ND	250
Vinyl Acetate	ND	2,500
1,1-Dichloroethane	ND	250
2-Butanone	ND	500
cis-1,2-Dichloroethene	ND	250
2,2-Dichloropropane	ND	250
Chloroform	ND	250
Bromochloromethane	ND	250
1,1,1-Trichloroethane	ND	250
1,1-Dichloropropene	ND	250
Carbon Tetrachloride	ND	250
1,2-Dichloroethane	ND	250
Benzene	ND	250
Trichloroethene	ND	250
1,2-Dichloropropane	ND	250
Bromodichloromethane	ND	250
Dibromomethane	ND	250
4-Methyl-2-Pentanone	ND	500
cis-1,3-Dichloropropene	ND	250
Toluene	ND	250
trans-1,3-Dichloropropene	ND	250
1,1,2-Trichloroethane	ND	250
2-Hexanone	ND	500
1,3-Dichloropropane	ND	250
Tetrachloroethene	ND	250
Dibromochloromethane	ND	250
1,2-Dibromoethane	ND	250
Chlorobenzene	ND	250
1,1,1,2-Tetrachloroethane	ND	250
Ethylbenzene	ND	250
m,p-Xylenes	ND	250
o-Xylene	ND	250
Styrene	ND	250
Bromoform	ND	250
Isopropylbenzene	ND	250
1,1,2,2-Tetrachloroethane	ND	250
1,2,3-Trichloropropane	ND	250
Propylbenzene	ND	250

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics		
Lab #:	233799	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	S-4-3	Diln Fac: 50.00
Lab ID:	233799-003	Batch#: 183099
Matrix:	Soil	Sampled: 01/13/12
Units:	ug/Kg	Received: 01/13/12
Basis:	as received	Analyzed: 01/20/12

Analyte	Result	RL
Bromobenzene	ND	250
1,3,5-Trimethylbenzene	ND	250
2-Chlorotoluene	ND	250
4-Chlorotoluene	ND	250
tert-Butylbenzene	ND	250
1,2,4-Trimethylbenzene	ND	250
sec-Butylbenzene	ND	250
para-Isopropyl Toluene	ND	250
1,3-Dichlorobenzene	ND	250
1,4-Dichlorobenzene	ND	250
n-Butylbenzene	ND	250
1,2-Dichlorobenzene	ND	250
1,2-Dibromo-3-Chloropropane	ND	250
1,2,4-Trichlorobenzene	ND	250
Hexachlorobutadiene	ND	250
Naphthalene	630	250
1,2,3-Trichlorobenzene	ND	250

Surrogate	%REC	Limits
Dibromofluoromethane	101	74-133
1,2-Dichloroethane-d4	103	74-136
Toluene-d8	99	80-120
Bromofluorobenzene	98	77-130
Trifluorotoluene (MeOH)	88	60-135

ND= Not Detected  
 RL= Reporting Limit



Volatile Organics			
Lab #:	233799	Location:	2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep:	EPA 5030B
Project#:	2145 35TH AVENUE	Analysis:	EPA 8260B
Field ID:	S-5-5	Basis:	as received
Lab ID:	233799-004	Sampled:	01/13/12
Matrix:	Soil	Received:	01/13/12
Units:	ug/Kg		

Analyte	Result	RL	Diln Fac	Batch#	Analyzed
Freon 12	ND	9.5	0.9452	182933	01/16/12
tert-Butyl Alcohol (TBA)	ND	95	0.9452	182933	01/16/12
Chloromethane	ND	9.5	0.9452	182933	01/16/12
Isopropyl Ether (DIPE)	ND	4.7	0.9452	182933	01/16/12
Vinyl Chloride	ND	9.5	0.9452	182933	01/16/12
Bromomethane	ND	9.5	0.9452	182933	01/16/12
Ethyl tert-Butyl Ether (ETBE)	ND	4.7	0.9452	182933	01/16/12
Chloroethane	ND	9.5	0.9452	182933	01/16/12
Methyl tert-Amyl Ether (TAME)	ND	4.7	0.9452	182933	01/16/12
Trichlorofluoromethane	ND	4.7	0.9452	182933	01/16/12
Acetone	210	28	1.425	182968	01/17/12
Freon 113	ND	4.7	0.9452	182933	01/16/12
1,1-Dichloroethene	ND	4.7	0.9452	182933	01/16/12
Methylene Chloride	ND	19	0.9452	182933	01/16/12
Carbon Disulfide	ND	4.7	0.9452	182933	01/16/12
MTBE	ND	4.7	0.9452	182933	01/16/12
trans-1,2-Dichloroethene	ND	4.7	0.9452	182933	01/16/12
Vinyl Acetate	ND	47	0.9452	182933	01/16/12
1,1-Dichloroethane	ND	4.7	0.9452	182933	01/16/12
2-Butanone	ND	9.5	0.9452	182933	01/16/12
cis-1,2-Dichloroethene	ND	4.7	0.9452	182933	01/16/12
2,2-Dichloropropane	ND	4.7	0.9452	182933	01/16/12
Chloroform	ND	4.7	0.9452	182933	01/16/12
Bromochloromethane	ND	4.7	0.9452	182933	01/16/12
1,1,1-Trichloroethane	ND	4.7	0.9452	182933	01/16/12
1,1-Dichloropropene	ND	4.7	0.9452	182933	01/16/12
Carbon Tetrachloride	ND	4.7	0.9452	182933	01/16/12
1,2-Dichloroethane	ND	4.7	0.9452	182933	01/16/12
Benzene	ND	4.7	0.9452	182933	01/16/12
Trichloroethene	ND	4.7	0.9452	182933	01/16/12
1,2-Dichloropropane	ND	4.7	0.9452	182933	01/16/12
Bromodichloromethane	ND	4.7	0.9452	182933	01/16/12
Dibromomethane	ND	4.7	0.9452	182933	01/16/12
4-Methyl-2-Pentanone	ND	9.5	0.9452	182933	01/16/12
cis-1,3-Dichloropropene	ND	4.7	0.9452	182933	01/16/12
Toluene	ND	4.7	0.9452	182933	01/16/12
trans-1,3-Dichloropropene	ND	4.7	0.9452	182933	01/16/12
1,1,2-Trichloroethane	ND	4.7	0.9452	182933	01/16/12
2-Hexanone	ND	9.5	0.9452	182933	01/16/12
1,3-Dichloropropane	ND	4.7	0.9452	182933	01/16/12
Tetrachloroethene	ND	4.7	0.9452	182933	01/16/12
Dibromochloromethane	ND	4.7	0.9452	182933	01/16/12
1,2-Dibromoethane	ND	4.7	0.9452	182933	01/16/12
Chlorobenzene	ND	4.7	0.9452	182933	01/16/12
1,1,1,2-Tetrachloroethane	ND	4.7	0.9452	182933	01/16/12
Ethylbenzene	ND	4.7	0.9452	182933	01/16/12
m,p-Xylenes	ND	4.7	0.9452	182933	01/16/12
o-Xylene	ND	4.7	0.9452	182933	01/16/12
Styrene	ND	4.7	0.9452	182933	01/16/12
Bromoform	ND	4.7	0.9452	182933	01/16/12
Isopropylbenzene	ND	4.7	0.9452	182933	01/16/12
1,1,2,2-Tetrachloroethane	ND	4.7	0.9452	182933	01/16/12
1,2,3-Trichloropropane	ND	4.7	0.9452	182933	01/16/12
Propylbenzene	ND	4.7	0.9452	182933	01/16/12
Bromobenzene	ND	4.7	0.9452	182933	01/16/12

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics			
Lab #:	233799	Location:	2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep:	EPA 5030B
Project#:	2145 35TH AVENUE	Analysis:	EPA 8260B
Field ID:	S-5-5	Basis:	as received
Lab ID:	233799-004	Sampled:	01/13/12
Matrix:	Soil	Received:	01/13/12
Units:	ug/Kg		

Analyte	Result	RL	Diln Fac	Batch#	Analyzed
1,3,5-Trimethylbenzene	ND	4.7	0.9452	182933	01/16/12
2-Chlorotoluene	ND	4.7	0.9452	182933	01/16/12
4-Chlorotoluene	ND	4.7	0.9452	182933	01/16/12
tert-Butylbenzene	ND	4.7	0.9452	182933	01/16/12
1,2,4-Trimethylbenzene	ND	4.7	0.9452	182933	01/16/12
sec-Butylbenzene	ND	4.7	0.9452	182933	01/16/12
para-Isopropyl Toluene	ND	4.7	0.9452	182933	01/16/12
1,3-Dichlorobenzene	ND	4.7	0.9452	182933	01/16/12
1,4-Dichlorobenzene	ND	4.7	0.9452	182933	01/16/12
n-Butylbenzene	ND	4.7	0.9452	182933	01/16/12
1,2-Dichlorobenzene	ND	4.7	0.9452	182933	01/16/12
1,2-Dibromo-3-Chloropropane	ND	4.7	0.9452	182933	01/16/12
1,2,4-Trichlorobenzene	ND	4.7	0.9452	182933	01/16/12
Hexachlorobutadiene	ND	4.7	0.9452	182933	01/16/12
Naphthalene	ND	4.7	0.9452	182933	01/16/12
1,2,3-Trichlorobenzene	ND	4.7	0.9452	182933	01/16/12

Surrogate	%REC	Limits	Diln Fac	Batch#	Analyzed
Dibromofluoromethane	110	74-133	0.9452	182933	01/16/12
1,2-Dichloroethane-d4	125	74-136	0.9452	182933	01/16/12
Toluene-d8	102	80-120	0.9452	182933	01/16/12
Bromofluorobenzene	110	77-130	0.9452	182933	01/16/12

ND= Not Detected  
 RL= Reporting Limit  
 Page 2 of 2

Volatile Organics			
Lab #:	233799	Location:	2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep:	EPA 5030B
Project#:	2145 35TH AVENUE	Analysis:	EPA 8260B
Field ID:	S-6-5	Diln Fac:	2.008
Lab ID:	233799-005	Batch#:	183138
Matrix:	Soil	Sampled:	01/13/12
Units:	ug/Kg	Received:	01/13/12
Basis:	as received	Analyzed:	01/23/12

Analyte	Result	RL
Freon 12	ND	20
tert-Butyl Alcohol (TBA)	ND	200
Chloromethane	ND	20
Isopropyl Ether (DIPE)	ND	10
Vinyl Chloride	ND	20
Bromomethane	ND	20
Ethyl tert-Butyl Ether (ETBE)	ND	10
Chloroethane	ND	20
Methyl tert-Amyl Ether (TAME)	ND	10
Trichlorofluoromethane	ND	10
Acetone	270	40
Freon 113	ND	10
1,1-Dichloroethene	ND	10
Methylene Chloride	ND	40
Carbon Disulfide	ND	10
MTBE	ND	10
trans-1,2-Dichloroethene	ND	10
Vinyl Acetate	ND	100
1,1-Dichloroethane	ND	10
2-Butanone	ND	20
cis-1,2-Dichloroethene	ND	10
2,2-Dichloropropane	ND	10
Chloroform	ND	10
Bromochloromethane	ND	10
1,1,1-Trichloroethane	ND	10
1,1-Dichloropropene	ND	10
Carbon Tetrachloride	ND	10
1,2-Dichloroethane	ND	10
Benzene	ND	10
Trichloroethene	ND	10
1,2-Dichloropropane	ND	10
Bromodichloromethane	ND	10
Dibromomethane	ND	10
4-Methyl-2-Pentanone	ND	20
cis-1,3-Dichloropropene	ND	10
Toluene	ND	10
trans-1,3-Dichloropropene	ND	10
1,1,2-Trichloroethane	ND	10
2-Hexanone	ND	20
1,3-Dichloropropane	ND	10
Tetrachloroethene	ND	10
Dibromochloromethane	ND	10
1,2-Dibromoethane	ND	10
Chlorobenzene	ND	10
1,1,1,2-Tetrachloroethane	ND	10
Ethylbenzene	ND	10
m,p-Xylenes	ND	10
o-Xylene	ND	10
Styrene	ND	10
Bromoform	ND	10
Isopropylbenzene	ND	10
1,1,2,2-Tetrachloroethane	ND	10
1,2,3-Trichloropropane	ND	10
Propylbenzene	ND	10

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics		
Lab #:	233799	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	S-6-5	Diln Fac: 2.008
Lab ID:	233799-005	Batch#: 183138
Matrix:	Soil	Sampled: 01/13/12
Units:	ug/Kg	Received: 01/13/12
Basis:	as received	Analyzed: 01/23/12

Analyte	Result	RL
Bromobenzene	ND	10
1,3,5-Trimethylbenzene	ND	10
2-Chlorotoluene	ND	10
4-Chlorotoluene	ND	10
tert-Butylbenzene	ND	10
1,2,4-Trimethylbenzene	ND	10
sec-Butylbenzene	ND	10
para-Isopropyl Toluene	ND	10
1,3-Dichlorobenzene	ND	10
1,4-Dichlorobenzene	ND	10
n-Butylbenzene	ND	10
1,2-Dichlorobenzene	ND	10
1,2-Dibromo-3-Chloropropane	ND	10
1,2,4-Trichlorobenzene	ND	10
Hexachlorobutadiene	ND	10
Naphthalene	ND	10
1,2,3-Trichlorobenzene	ND	10

Surrogate	%REC	Limits
Dibromofluoromethane	108	74-133
1,2-Dichloroethane-d4	129	74-136
Toluene-d8	97	80-120
Bromofluorobenzene	102	77-130

ND= Not Detected  
 RL= Reporting Limit  
 Page 2 of 2

**Batch QC Report**

Volatile Organics		
Lab #:	233799	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Matrix:	Soil	Batch#: 182933
Units:	ug/Kg	Analyzed: 01/16/12
Diln Fac:	1.000	

Type: BS Lab ID: QC625308

Analyte	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	125.0	113.8	91	46-135
Isopropyl Ether (DIPE)	25.00	19.70	79	59-120
Ethyl tert-Butyl Ether (ETBE)	25.00	22.04	88	64-120
Methyl tert-Amyl Ether (TAME)	25.00	20.20	81	68-120
1,1-Dichloroethene	25.00	28.75	115	71-125
Benzene	25.00	25.96	104	78-125
Trichloroethene	25.00	26.06	104	77-121
Toluene	25.00	26.51	106	79-120
Chlorobenzene	25.00	26.02	104	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	112	74-133
1,2-Dichloroethane-d4	114	74-136
Toluene-d8	100	80-120
Bromofluorobenzene	98	77-130

Type: BSD Lab ID: QC625309

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	125.0	100.6	80	46-135	12	36
Isopropyl Ether (DIPE)	25.00	18.13	73	59-120	8	21
Ethyl tert-Butyl Ether (ETBE)	25.00	19.74	79	64-120	11	20
Methyl tert-Amyl Ether (TAME)	25.00	19.13	77	68-120	5	20
1,1-Dichloroethene	25.00	25.25	101	71-125	13	20
Benzene	25.00	24.42	98	78-125	6	20
Trichloroethene	25.00	25.52	102	77-121	2	20
Toluene	25.00	25.37	101	79-120	4	20
Chlorobenzene	25.00	24.76	99	80-120	5	20

Surrogate	%REC	Limits
Dibromofluoromethane	107	74-133
1,2-Dichloroethane-d4	115	74-136
Toluene-d8	103	80-120
Bromofluorobenzene	100	77-130

RPD= Relative Percent Difference

**Batch QC Report**

Volatile Organics		
Lab #:	233799	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Type:	BLANK	Diln Fac: 1.000
Lab ID:	QC625310	Batch#: 182933
Matrix:	Soil	Analyzed: 01/16/12
Units:	ug/Kg	

Analyte	Result	RL
Freon 12	ND	10
tert-Butyl Alcohol (TBA)	ND	100
Chloromethane	ND	10
Isopropyl Ether (DIPE)	ND	5.0
Vinyl Chloride	ND	10
Bromomethane	ND	10
Ethyl tert-Butyl Ether (ETBE)	ND	5.0
Chloroethane	ND	10
Methyl tert-Amyl Ether (TAME)	ND	5.0
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0

ND= Not Detected  
 RL= Reporting Limit

## Batch QC Report

Volatile Organics		
Lab #:	233799	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Type:	BLANK	Diln Fac: 1.000
Lab ID:	QC625310	Batch#: 182933
Matrix:	Soil	Analyzed: 01/16/12
Units:	ug/Kg	

Analyte	Result	RL
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	111	74-133
1,2-Dichloroethane-d4	125	74-136
Toluene-d8	99	80-120
Bromofluorobenzene	103	77-130

ND= Not Detected  
 RL= Reporting Limit

**Batch QC Report**

Volatile Organics		
Lab #:	233799	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	S-2-7	Diln Fac: 0.9862
MSS Lab ID:	233799-001	Batch#: 182933
Matrix:	Soil	Sampled: 01/13/12
Units:	ug/Kg	Received: 01/13/12
Basis:	as received	Analyzed: 01/16/12

Type: MS Lab ID: QC625322

Analyte	MSS Result	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	<17.35	246.5	228.9	93	44-128
Isopropyl Ether (DIPE)	<1.407	49.31	44.29	90	50-120
Ethyl tert-Butyl Ether (ETBE)	<0.5589	49.31	48.86	99	55-120
Methyl tert-Amyl Ether (TAME)	<0.5607	49.31	44.36	90	55-120
1,1-Dichloroethene	<1.233	49.31	49.53	100	55-127
Benzene	<0.6687	49.31	48.91	99	58-122
Trichloroethene	<0.7220	49.31	50.19	102	45-142
Toluene	<0.4501	49.31	49.79	101	54-120
Chlorobenzene	<0.3401	49.31	47.19	96	49-120

Surrogate	%REC	Limits
Dibromofluoromethane	109	74-133
1,2-Dichloroethane-d4	119	74-136
Toluene-d8	107	80-120
Bromofluorobenzene	100	77-130

Type: MSD Lab ID: QC625323

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	246.5	214.8	87	44-128	6	39
Isopropyl Ether (DIPE)	49.31	38.05	77	50-120	15	32
Ethyl tert-Butyl Ether (ETBE)	49.31	42.45	86	55-120	14	32
Methyl tert-Amyl Ether (TAME)	49.31	39.81	81	55-120	11	34
1,1-Dichloroethene	49.31	45.70	93	55-127	8	38
Benzene	49.31	47.16	96	58-122	4	37
Trichloroethene	49.31	49.92	101	45-142	1	41
Toluene	49.31	46.69	95	54-120	6	35
Chlorobenzene	49.31	44.96	91	49-120	5	38

Surrogate	%REC	Limits
Dibromofluoromethane	103	74-133
1,2-Dichloroethane-d4	118	74-136
Toluene-d8	102	80-120
Bromofluorobenzene	103	77-130

RPD= Relative Percent Difference



**Batch QC Report**

<b>Volatile Organics</b>		
Lab #:	233799	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Type:	LCS	Diln Fac: 1.000
Lab ID:	QC625438	Batch#: 182968
Matrix:	Soil	Analyzed: 01/17/12
Units:	ug/Kg	

<b>Analyte</b>	<b>Spiked</b>	<b>Result</b>	<b>%REC</b>	<b>Limits</b>
tert-Butyl Alcohol (TBA)	125.0	111.2	89	46-135
Isopropyl Ether (DIPE)	25.00	16.87	67	59-120
Ethyl tert-Butyl Ether (ETBE)	25.00	20.44	82	64-120
Methyl tert-Amyl Ether (TAME)	25.00	20.78	83	68-120
1,1-Dichloroethene	25.00	24.67	99	71-125
Benzene	25.00	24.27	97	78-125
Trichloroethene	25.00	27.28	109	77-121
Toluene	25.00	25.18	101	79-120
Chlorobenzene	25.00	26.13	105	80-120

<b>Surrogate</b>	<b>%REC</b>	<b>Limits</b>
Dibromofluoromethane	99	74-133
1,2-Dichloroethane-d4	118	74-136
Toluene-d8	100	80-120
Bromofluorobenzene	91	77-130

**Batch QC Report**

Volatile Organics		
Lab #:	233799	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Type:	BLANK	Diln Fac: 1.000
Lab ID:	QC625439	Batch#: 182968
Matrix:	Soil	Analyzed: 01/17/12
Units:	ug/Kg	

Analyte	Result	RL
Freon 12	ND	10
tert-Butyl Alcohol (TBA)	ND	100
Chloromethane	ND	10
Isopropyl Ether (DIPE)	ND	5.0
Vinyl Chloride	ND	10
Bromomethane	ND	10
Ethyl tert-Butyl Ether (ETBE)	ND	5.0
Chloroethane	ND	10
Methyl tert-Amyl Ether (TAME)	ND	5.0
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0

ND= Not Detected  
 RL= Reporting Limit

**Batch QC Report**

<b>Volatile Organics</b>		
Lab #:	233799	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Type:	BLANK	Diln Fac: 1.000
Lab ID:	QC625439	Batch#: 182968
Matrix:	Soil	Analyzed: 01/17/12
Units:	ug/Kg	

<b>Analyte</b>	<b>Result</b>	<b>RL</b>
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

<b>Surrogate</b>	<b>%REC</b>	<b>Limits</b>
Dibromofluoromethane	101	74-133
1,2-Dichloroethane-d4	126	74-136
Toluene-d8	102	80-120
Bromofluorobenzene	97	77-130

ND= Not Detected  
 RL= Reporting Limit

**Batch QC Report**

Volatile Organics		
Lab #:	233799	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	ZZZZZZZZZZ	Batch#: 182968
MSS Lab ID:	233800-001	Sampled: 01/13/12
Matrix:	Soil	Received: 01/13/12
Units:	ug/Kg	Analyzed: 01/17/12
Basis:	as received	

Type: MS Diln Fac: 0.9709  
 Lab ID: QC625528

Analyte	MSS Result	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	<17.62	242.7	254.6	105	44-128
Isopropyl Ether (DIPE)	<1.429	48.54	37.70	78	50-120
Ethyl tert-Butyl Ether (ETBE)	<0.5676	48.54	46.18	95	55-120
Methyl tert-Amyl Ether (TAME)	<0.5695	48.54	47.18	97	55-120
1,1-Dichloroethene	<1.252	48.54	41.80	86	55-127
Benzene	<0.6792	48.54	47.83	99	58-122
Trichloroethene	<0.7333	48.54	56.43	116	45-142
Toluene	<0.4571	48.54	47.59	98	54-120
Chlorobenzene	<0.3454	48.54	49.83	103	49-120

Surrogate	%REC	Limits
Dibromofluoromethane	97	74-133
1,2-Dichloroethane-d4	134	74-136
Toluene-d8	102	80-120
Bromofluorobenzene	94	77-130

Type: MSD Diln Fac: 0.9766  
 Lab ID: QC625529

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	244.1	227.7	93	44-128	12	39
Isopropyl Ether (DIPE)	48.83	35.08	72	50-120	8	32
Ethyl tert-Butyl Ether (ETBE)	48.83	42.64	87	55-120	9	32
Methyl tert-Amyl Ether (TAME)	48.83	43.53	89	55-120	9	34
1,1-Dichloroethene	48.83	37.15	76	55-127	12	38
Benzene	48.83	41.18	84	58-122	16	37
Trichloroethene	48.83	46.37	95	45-142	20	41
Toluene	48.83	43.19	88	54-120	10	35
Chlorobenzene	48.83	43.81	90	49-120	13	38

Surrogate	%REC	Limits
Dibromofluoromethane	97	74-133
1,2-Dichloroethane-d4	121	74-136
Toluene-d8	100	80-120
Bromofluorobenzene	96	77-130

**Batch QC Report**

Volatile Organics		
Lab #:	233799	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Matrix:	Soil	Batch#: 183099
Units:	ug/Kg	Analyzed: 01/20/12
Diln Fac:	1.000	

Type: BS Lab ID: QC625940

Analyte	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	125.0	126.3	101	46-135
Isopropyl Ether (DIPE)	25.00	21.80	87	59-120
Ethyl tert-Butyl Ether (ETBE)	25.00	23.31	93	64-120
Methyl tert-Amyl Ether (TAME)	25.00	22.56	90	68-120
1,1-Dichloroethene	25.00	23.06	92	71-125
Benzene	25.00	24.94	100	78-125
Trichloroethene	25.00	23.18	93	77-121
Toluene	25.00	23.22	93	79-120
Chlorobenzene	25.00	24.99	100	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	102	74-133
1,2-Dichloroethane-d4	105	74-136
Toluene-d8	101	80-120
Bromofluorobenzene	99	77-130

Type: BSD Lab ID: QC625941

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	125.0	118.8	95	46-135	6	36
Isopropyl Ether (DIPE)	25.00	24.95	100	59-120	13	21
Ethyl tert-Butyl Ether (ETBE)	25.00	26.38	106	64-120	12	20
Methyl tert-Amyl Ether (TAME)	25.00	21.64	87	68-120	4	20
1,1-Dichloroethene	25.00	21.58	86	71-125	7	20
Benzene	25.00	24.20	97	78-125	3	20
Trichloroethene	25.00	23.33	93	77-121	1	20
Toluene	25.00	23.36	93	79-120	1	20
Chlorobenzene	25.00	24.98	100	80-120	0	20

Surrogate	%REC	Limits
Dibromofluoromethane	101	74-133
1,2-Dichloroethane-d4	105	74-136
Toluene-d8	100	80-120
Bromofluorobenzene	96	77-130

RPD= Relative Percent Difference

**Batch QC Report**

Volatile Organics		
Lab #:	233799	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Type:	BLANK	Diln Fac: 1.000
Lab ID:	QC625942	Batch#: 183099
Matrix:	Soil	Analyzed: 01/20/12
Units:	ug/Kg	

Analyte	Result	RL
Freon 12	ND	10
tert-Butyl Alcohol (TBA)	ND	100
Chloromethane	ND	10
Isopropyl Ether (DIPE)	ND	5.0
Vinyl Chloride	ND	10
Bromomethane	ND	10
Ethyl tert-Butyl Ether (ETBE)	ND	5.0
Chloroethane	ND	10
Methyl tert-Amyl Ether (TAME)	ND	5.0
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0

ND= Not Detected  
 RL= Reporting Limit

**Batch QC Report**

<b>Volatile Organics</b>		
Lab #:	233799	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Type:	BLANK	Diln Fac: 1.000
Lab ID:	QC625942	Batch#: 183099
Matrix:	Soil	Analyzed: 01/20/12
Units:	ug/Kg	

<b>Analyte</b>	<b>Result</b>	<b>RL</b>
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

<b>Surrogate</b>	<b>%REC</b>	<b>Limits</b>
Dibromofluoromethane	101	74-133
1,2-Dichloroethane-d4	106	74-136
Toluene-d8	97	80-120
Bromofluorobenzene	102	77-130

ND= Not Detected  
 RL= Reporting Limit

**Batch QC Report**

Volatile Organics		
Lab #:	233799	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Matrix:	Soil	Batch#: 183101
Units:	ug/Kg	Analyzed: 01/20/12
Diln Fac:	1.000	

Type: BS Lab ID: QC625946

Analyte	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	125.0	90.25	72	46-135
Isopropyl Ether (DIPE)	25.00	16.54	66	59-120
Ethyl tert-Butyl Ether (ETBE)	25.00	18.66	75	64-120
Methyl tert-Amyl Ether (TAME)	25.00	19.68	79	68-120
1,1-Dichloroethene	25.00	23.09	92	71-125
Benzene	25.00	25.03	100	78-125
Trichloroethene	25.00	26.37	105	77-121
Toluene	25.00	24.92	100	79-120
Chlorobenzene	25.00	25.64	103	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	94	74-133
1,2-Dichloroethane-d4	102	74-136
Toluene-d8	98	80-120
Bromofluorobenzene	92	77-130

Type: BSD Lab ID: QC625947

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	125.0	84.42	68	46-135	7	36
Isopropyl Ether (DIPE)	25.00	16.05	64	59-120	3	21
Ethyl tert-Butyl Ether (ETBE)	25.00	18.20	73	64-120	3	20
Methyl tert-Amyl Ether (TAME)	25.00	18.24	73	68-120	8	20
1,1-Dichloroethene	25.00	22.84	91	71-125	1	20
Benzene	25.00	22.77	91	78-125	9	20
Trichloroethene	25.00	24.31	97	77-121	8	20
Toluene	25.00	24.00	96	79-120	4	20
Chlorobenzene	25.00	24.65	99	80-120	4	20

Surrogate	%REC	Limits
Dibromofluoromethane	98	74-133
1,2-Dichloroethane-d4	101	74-136
Toluene-d8	97	80-120
Bromofluorobenzene	91	77-130

RPD= Relative Percent Difference



**Batch QC Report**

Volatile Organics		
Lab #:	233799	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Type:	BLANK	Diln Fac: 1.000
Lab ID:	QC625948	Batch#: 183101
Matrix:	Soil	Analyzed: 01/20/12
Units:	ug/Kg	

Analyte	Result	RL
Freon 12	ND	10
tert-Butyl Alcohol (TBA)	ND	100
Chloromethane	ND	10
Isopropyl Ether (DIPE)	ND	5.0
Vinyl Chloride	ND	10
Bromomethane	ND	10
Ethyl tert-Butyl Ether (ETBE)	ND	5.0
Chloroethane	ND	10
Methyl tert-Amyl Ether (TAME)	ND	5.0
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0

ND= Not Detected  
 RL= Reporting Limit

**Batch QC Report**

<b>Volatile Organics</b>		
Lab #:	233799	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Type:	BLANK	Diln Fac: 1.000
Lab ID:	QC625948	Batch#: 183101
Matrix:	Soil	Analyzed: 01/20/12
Units:	ug/Kg	

<b>Analyte</b>	<b>Result</b>	<b>RL</b>
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

<b>Surrogate</b>	<b>%REC</b>	<b>Limits</b>
Dibromofluoromethane	97	74-133
1,2-Dichloroethane-d4	107	74-136
Toluene-d8	98	80-120
Bromofluorobenzene	94	77-130

ND= Not Detected  
 RL= Reporting Limit

**Batch QC Report**

Volatile Organics		
Lab #:	233799	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	ZZZZZZZZZZ	Batch#: 183101
MSS Lab ID:	233868-001	Sampled: 01/18/12
Matrix:	Soil	Received: 01/18/12
Units:	ug/Kg	Analyzed: 01/22/12
Basis:	as received	

Type: MS Diln Fac: 0.9823  
 Lab ID: QC625964

Analyte	MSS Result	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	<17.76	245.6	155.3	63	44-128
Isopropyl Ether (DIPE)	<1.440	49.12	18.74	38 *	50-120
Ethyl tert-Butyl Ether (ETBE)	<0.5721	49.12	22.70	46 *	55-120
Methyl tert-Amyl Ether (TAME)	<0.5739	49.12	20.13	41 *	55-120
1,1-Dichloroethene	<1.262	49.12	30.68	62	55-127
Benzene	<0.6846	49.12	25.57	52 *	58-122
Trichloroethene	<0.7391	49.12	29.00	59	45-142
Toluene	<0.4607	49.12	26.29	54	54-120
Chlorobenzene	<0.3482	49.12	18.18	37 *	49-120

Surrogate	%REC	Limits
Dibromofluoromethane	114	74-133
1,2-Dichloroethane-d4	119	74-136
Toluene-d8	111	80-120
Bromofluorobenzene	148 *	77-130

Type: MSD Diln Fac: 0.9747  
 Lab ID: QC625965

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	243.7	117.3	48	44-128	27	39
Isopropyl Ether (DIPE)	48.73	16.94	35 *	50-120	9	32
Ethyl tert-Butyl Ether (ETBE)	48.73	20.25	42 *	55-120	11	32
Methyl tert-Amyl Ether (TAME)	48.73	17.26	35 *	55-120	15	34
1,1-Dichloroethene	48.73	30.91	63	55-127	2	38
Benzene	48.73	17.33	36 *	58-122	38	* 37
Trichloroethene	48.73	20.13	41 *	45-142	35	41
Toluene	48.73	14.38	30 *	54-120	58	* 35
Chlorobenzene	48.73	7.972	16 *	49-120	77	* 38

Surrogate	%REC	Limits
Dibromofluoromethane	115	74-133
1,2-Dichloroethane-d4	125	74-136
Toluene-d8	111	80-120
Bromofluorobenzene	146 *	77-130

\*= Value outside of QC limits; see narrative  
 RPD= Relative Percent Difference

**Batch QC Report**

Volatile Organics		
Lab #:	233799	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Matrix:	Soil	Batch#: 183138
Units:	ug/Kg	Analyzed: 01/23/12
Diln Fac:	1.000	

Type: BS Lab ID: QC626091

Analyte	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	125.0	91.35	73	46-135
Isopropyl Ether (DIPE)	25.00	15.38	62	59-120
Ethyl tert-Butyl Ether (ETBE)	25.00	17.78	71	64-120
Methyl tert-Amyl Ether (TAME)	25.00	18.53	74	68-120
1,1-Dichloroethene	25.00	22.64	91	71-125
Benzene	25.00	22.82	91	78-125
Trichloroethene	25.00	24.69	99	77-121
Toluene	25.00	23.46	94	79-120
Chlorobenzene	25.00	23.66	95	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	103	74-133
1,2-Dichloroethane-d4	121	74-136
Toluene-d8	102	80-120
Bromofluorobenzene	95	77-130

Type: BSD Lab ID: QC626092

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	125.0	94.79	76	46-135	4	36
Isopropyl Ether (DIPE)	25.00	16.02	64	59-120	4	21
Ethyl tert-Butyl Ether (ETBE)	25.00	18.71	75	64-120	5	20
Methyl tert-Amyl Ether (TAME)	25.00	18.70	75	68-120	1	20
1,1-Dichloroethene	25.00	22.45	90	71-125	1	20
Benzene	25.00	22.96	92	78-125	1	20
Trichloroethene	25.00	24.92	100	77-121	1	20
Toluene	25.00	23.55	94	79-120	0	20
Chlorobenzene	25.00	25.12	100	80-120	6	20

Surrogate	%REC	Limits
Dibromofluoromethane	104	74-133
1,2-Dichloroethane-d4	120	74-136
Toluene-d8	100	80-120
Bromofluorobenzene	95	77-130

RPD= Relative Percent Difference

**Batch QC Report**

Volatile Organics		
Lab #:	233799	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Type:	BLANK	Diln Fac: 1.000
Lab ID:	QC626093	Batch#: 183138
Matrix:	Soil	Analyzed: 01/23/12
Units:	ug/Kg	

Analyte	Result	RL
Freon 12	ND	10
tert-Butyl Alcohol (TBA)	ND	100
Chloromethane	ND	10
Isopropyl Ether (DIPE)	ND	5.0
Vinyl Chloride	ND	10
Bromomethane	ND	10
Ethyl tert-Butyl Ether (ETBE)	ND	5.0
Chloroethane	ND	10
Methyl tert-Amyl Ether (TAME)	ND	5.0
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0

ND= Not Detected  
 RL= Reporting Limit

## Batch QC Report

Volatile Organics		
Lab #:	233799	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Type:	BLANK	Diln Fac: 1.000
Lab ID:	QC626093	Batch#: 183138
Matrix:	Soil	Analyzed: 01/23/12
Units:	ug/Kg	

Analyte	Result	RL
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	109	74-133
1,2-Dichloroethane-d4	127	74-136
Toluene-d8	100	80-120
Bromofluorobenzene	99	77-130

ND= Not Detected  
 RL= Reporting Limit

**Batch QC Report**

Volatile Organics		
Lab #:	233799	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	S-6-5	Batch#: 183138
MSS Lab ID:	233799-005	Sampled: 01/13/12
Matrix:	Soil	Received: 01/13/12
Units:	ug/Kg	Analyzed: 01/23/12
Basis:	as received	

Type: MS Diln Fac: 1.984  
 Lab ID: QC626126

Analyte	MSS Result	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	<36.16	496.0	384.2	77	44-128
Isopropyl Ether (DIPE)	<2.932	99.21	70.49	71	50-120
Ethyl tert-Butyl Ether (ETBE)	<1.165	99.21	81.22	82	55-120
Methyl tert-Amyl Ether (TAME)	<1.169	99.21	76.98	78	55-120
1,1-Dichloroethene	<2.570	99.21	91.89	93	55-127
Benzene	<1.394	99.21	88.47	89	58-122
Trichloroethene	<1.505	99.21	96.41	97	45-142
Toluene	<0.9381	99.21	88.77	89	54-120
Chlorobenzene	<0.7089	99.21	90.66	91	49-120

Surrogate	%REC	Limits
Dibromofluoromethane	107	74-133
1,2-Dichloroethane-d4	118	74-136
Toluene-d8	99	80-120
Bromofluorobenzene	95	77-130

Type: MSD Diln Fac: 1.992  
 Lab ID: QC626127

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	498.0	441.7	89	44-128	14	39
Isopropyl Ether (DIPE)	99.60	66.08	66	50-120	7	32
Ethyl tert-Butyl Ether (ETBE)	99.60	78.64	79	55-120	4	32
Methyl tert-Amyl Ether (TAME)	99.60	77.25	78	55-120	0	34
1,1-Dichloroethene	99.60	79.89	80	55-127	14	38
Benzene	99.60	86.71	87	58-122	2	37
Trichloroethene	99.60	96.66	97	45-142	0	41
Toluene	99.60	88.68	89	54-120	1	35
Chlorobenzene	99.60	89.28	90	49-120	2	38

Surrogate	%REC	Limits
Dibromofluoromethane	102	74-133
1,2-Dichloroethane-d4	115	74-136
Toluene-d8	99	80-120
Bromofluorobenzene	95	77-130

RPD= Relative Percent Difference







## Batch QC Report

California LUFT Metals		
Lab #:	233799	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 3050B
Project#:	2145 35TH AVENUE	Analysis: EPA 6010B
Matrix:	Soil	Batch#: 182898
Units:	mg/Kg	Prepared: 01/13/12
Diln Fac:	1.000	Analyzed: 01/13/12

Type: BS Lab ID: QC625168

Analyte	Spiked	Result	%REC	Limits
Cadmium	10.00	9.665	97	80-120
Chromium	100.0	95.43	95	80-120
Lead	100.0	93.41	93	80-120
Nickel	25.00	23.47	94	80-120
Zinc	25.00	24.53	98	80-120

Type: BSD Lab ID: QC625169

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Cadmium	10.00	9.503	95	80-120	2	20
Chromium	100.0	94.65	95	80-120	1	20
Lead	100.0	91.81	92	80-120	2	20
Nickel	25.00	23.09	92	80-120	2	20
Zinc	25.00	24.39	98	80-120	1	20

RPD= Relative Percent Difference

**Batch QC Report**

California LUFT Metals			
Lab #:	233799	Location:	2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep:	EPA 3050B
Project#:	2145 35TH AVENUE	Analysis:	EPA 6010B
Field ID:	ZZZZZZZZZZ	Batch#:	182898
MSS Lab ID:	233776-001	Sampled:	01/12/12
Matrix:	Soil	Received:	01/12/12
Units:	mg/Kg	Prepared:	01/13/12
Basis:	as received	Analyzed:	01/13/12
Diln Fac:	1.000		

Type: MS Lab ID: QC625170

Analyte	MSS Result	Spiked	Result	%REC	Limits
Cadmium	0.6092	9.804	8.706	83	72-120
Chromium	130.8	98.04	226.3	97	60-125
Lead	105.2	98.04	242.1	140 *	57-126
Nickel	237.7	24.51	206.8	-126 NM	45-139
Zinc	320.2	24.51	400.1	326 NM	41-148

Type: MSD Lab ID: QC625171

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Cadmium	10.20	9.695	89	72-120	7	30
Chromium	102.0	240.0	107	60-125	4	34
Lead	102.0	206.0	99	57-126	18	43
Nickel	25.51	215.7	-87 NM	45-139	4	37
Zinc	25.51	2,304 >LR	7778 NM	41-148	NC	38

\*= Value outside of QC limits; see narrative

NC= Not Calculated

NM= Not Meaningful: Sample concentration > 4X spike concentration

>LR= Response exceeds instrument's linear range

RPD= Relative Percent Difference





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Analytical Laboratories, Since 1878







Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878

2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

**Laboratory Job Number 233709**  
**ANALYTICAL REPORT**

Eagle Env. Construction 3150 Hilltop Mall Road, Suite 7 Richmond, CA 94806	Project : 2145 35TH AVENUE Location : 2145 35th Ave.-Salisbury, Oakland, CA Level : II
--	--

Sample ID  
S-1-5.5'

Lab ID  
233709-001

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

Signature:   
Project Manager

Date: 01/17/2012

NELAP # 01107CA

## CASE NARRATIVE

Laboratory number: 233709  
Client: Eagle Env. Construction  
Project: 2145 35TH AVENUE  
Location: 2145 35th Ave.-Salisbury, Oakland, CA  
Request Date: 01/11/12  
Samples Received: 01/11/12

This data package contains sample and QC results for one soil sample, requested for the above referenced project on 01/11/12. The sample was received cold and intact.

### TPH-Extractables by GC (EPA 8015B):

No analytical problems were encountered.

### Volatile Organics by GC/MS (EPA 8260B):

High recoveries were observed for 1,1-dichloroethene and trichloroethene in the MS/MSD for batch 182834; the parent sample was not a project sample, the BS/BSD were within limits, the associated RPDs were within limits, and these analytes were not detected at or above the RL in the associated sample. Low surrogate recoveries were observed for dibromofluoromethane in the MS/MSD for batch 182834; the parent sample was not a project sample. No other analytical problems were encountered.

### PCBs (EPA 8082):

All samples underwent sulfuric acid cleanup using EPA Method 3665A. All samples underwent sulfur cleanup using the copper option in EPA Method 3660B. Matrix spikes QC625035, QC625036 (batch 182865) were not analyzed because the parent sample required a dilution that would have diluted out the spikes. No other analytical problems were encountered.

### Metals (EPA 6010B):

High recoveries were observed for nickel and zinc in the MS/MSD of S-1-5.5' (lab # 233709-001); the BS/BSD were within limits, and the associated RPDs were within limits. No other analytical problems were encountered.



COOLER RECEIPT CHECKLIST



Login # 233709 Date Received 11/11/12 Number of coolers 1
Client EEC Project 2145 35th AVE. WALSBURG, OAKLAND, CA

Date Opened 11/11/12 By (print) I. CHOI (sign) [Signature]
Date Logged in [check] By (print) [check] (sign) [check]

1. Did cooler come with a shipping slip (airbill, etc) YES NO
Shipping info

2A. Were custody seals present? ... [ ] YES (circle) on cooler on samples [X] NO
How many Name Date

2B. Were custody seals intact upon arrival? YES NO [N/A]

3. Were custody papers dry and intact when received? YES NO

4. Were custody papers filled out properly (ink, signed, etc)? YES NO

5. Is the project identifiable from custody papers? (If so fill out top of form) YES NO

6. Indicate the packing in cooler: (if other, describe)

- [ ] Bubble Wrap [ ] Foam blocks [ ] Bags [X] None
[ ] Cloth material [ ] Cardboard [ ] Styrofoam [ ] Paper towels

7. Temperature documentation: \* Notify PM if temperature exceeds 6°C

Type of ice used: [ ] Wet [X] Blue/Gel [ ] None Temp(°C) 4.5°C

[ ] Samples Received on ice & cold without a temperature blank; temp. taken with IR gun

[X] Samples received on ice directly from the field. Cooling process had begun

8. Were Method 5035 sampling containers present? YES NO
If YES, what time were they transferred to freezer?

9. Did all bottles arrive unbroken/unopened? YES NO

10. Are there any missing / extra samples? YES NO

11. Are samples in the appropriate containers for indicated tests? YES NO

12. Are sample labels present, in good condition and complete? YES NO

13. Do the sample labels agree with custody papers? YES NO

14. Was sufficient amount of sample sent for tests requested? YES NO

15. Are the samples appropriately preserved? YES NO N/A

16. Did you check preservatives for all bottles for each sample? YES NO N/A

17. Did you document your preservative check? YES NO N/A

18. Did you change the hold time in LIMS for unpreserved VOAs? YES NO N/A

19. Did you change the hold time in LIMS for preserved terracores? YES NO N/A

20. Are bubbles > 6mm absent in VOA samples? YES NO N/A

21. Was the client contacted concerning this sample delivery? YES NO
If YES, Who was called? By Date:

COMMENTS

[Blank lines for comments]





## Batch QC Report

Total Extractable Hydrocarbons		
Lab #:	233709	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 3550B
Project#:	2145 35TH AVENUE	Analysis: EPA 8015B
Type:	LCS	Diln Fac: 1.000
Lab ID:	QC624740	Batch#: 182789
Matrix:	Soil	Prepared: 01/11/12
Units:	mg/Kg	Analyzed: 01/12/12

Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	50.44	46.65	92	47-132

Surrogate	%REC	Limits
o-Terphenyl	100	49-128

## Batch QC Report

Total Extractable Hydrocarbons			
Lab #:	233709	Location:	2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep:	EPA 3550B
Project#:	2145 35TH AVENUE	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Batch#:	182789
MSS Lab ID:	233677-001	Sampled:	01/10/12
Matrix:	Soil	Received:	01/10/12
Units:	mg/Kg	Prepared:	01/11/12
Basis:	as received	Analyzed:	01/12/12
Diln Fac:	3.000		

Type: MS Lab ID: QC624741

Analyte	MSS Result	Spiked	Result	%REC	Limits
Diesel C10-C24	389.7	50.07	412.7	46 NM	32-143

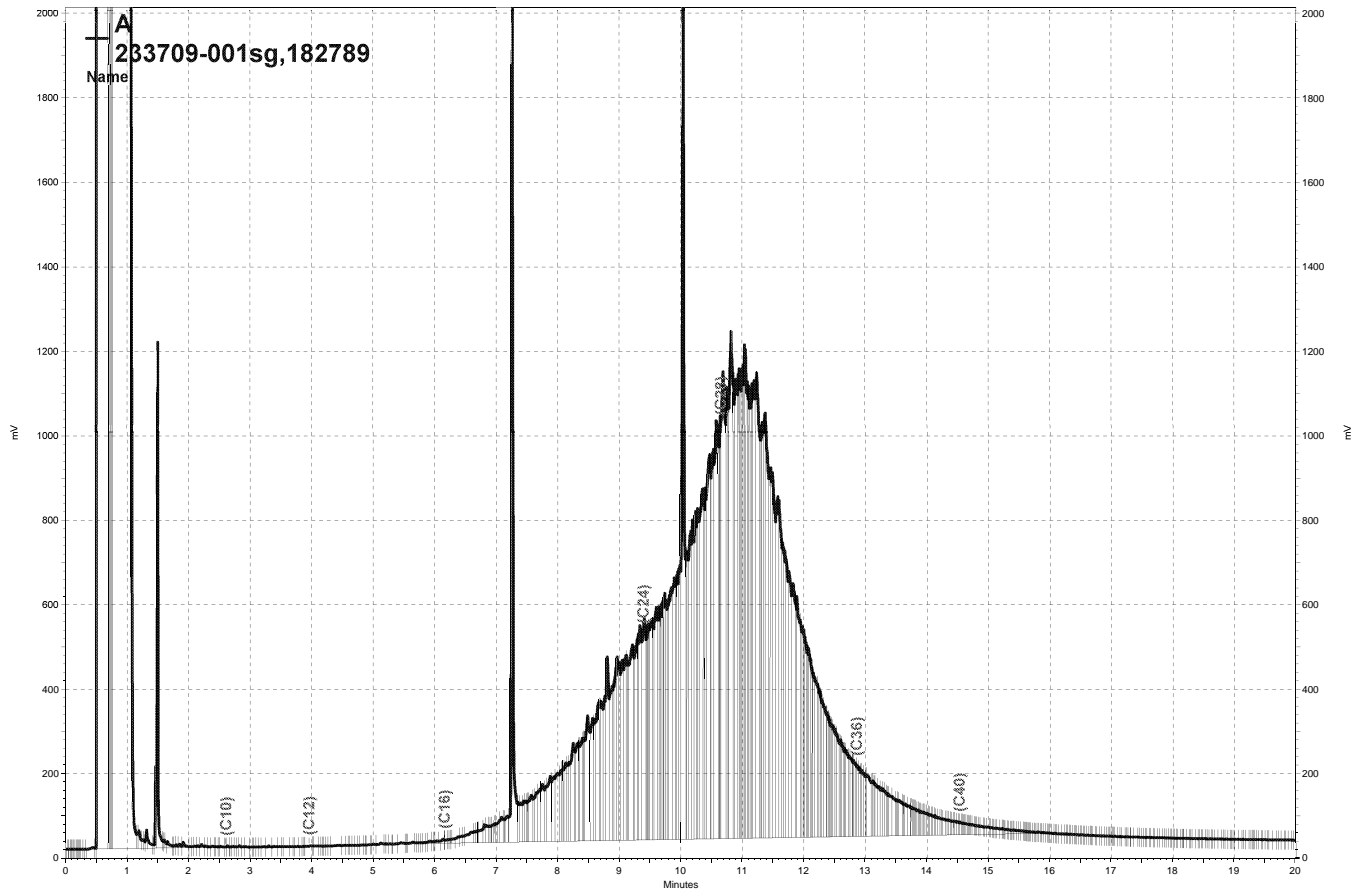
Surrogate	%REC	Limits
o-Terphenyl	89	49-128

Type: MSD Lab ID: QC624742

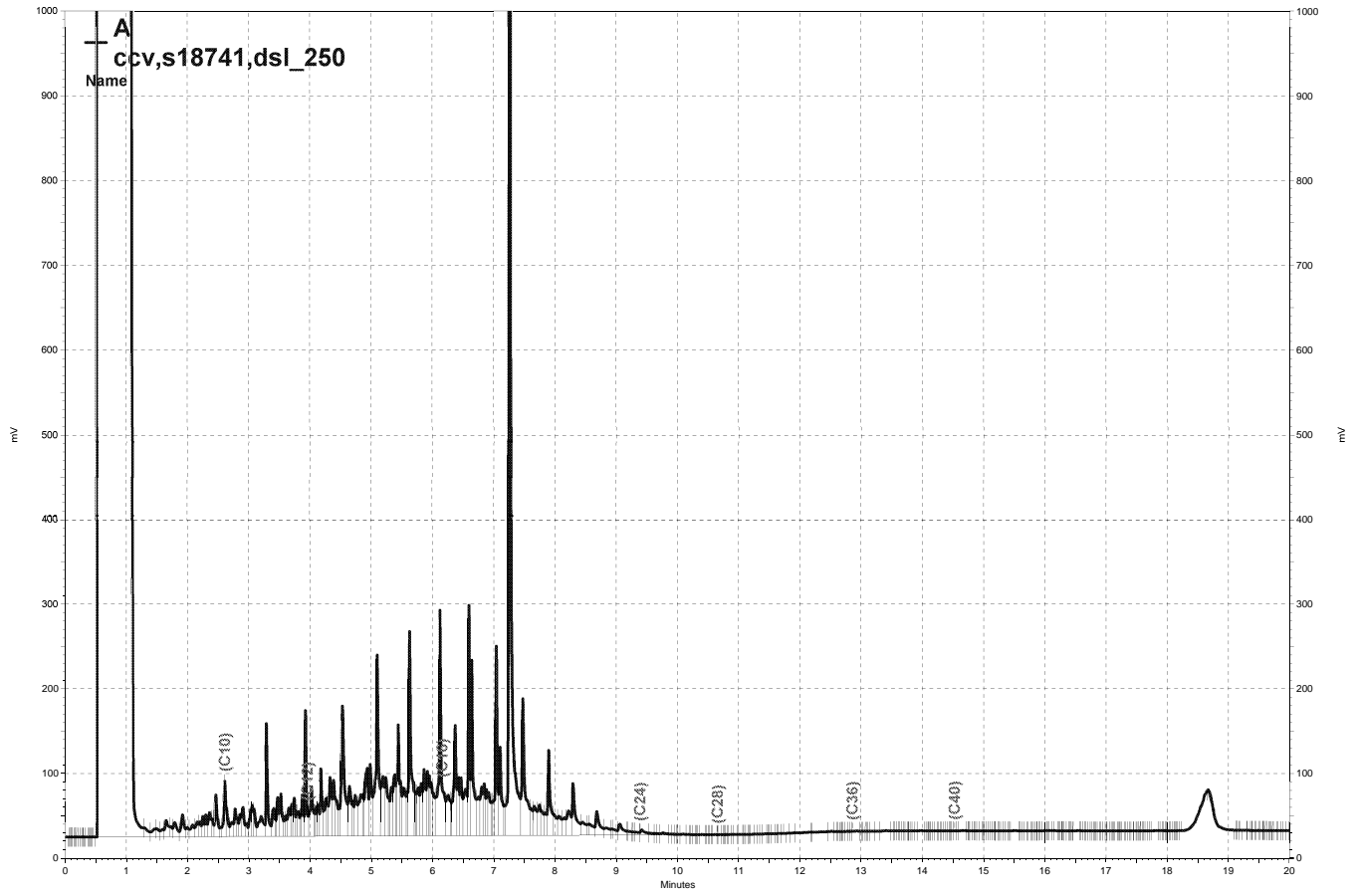
Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	49.72	396.1	13 NM	32-143	4	54

Surrogate	%REC	Limits
o-Terphenyl	98	49-128

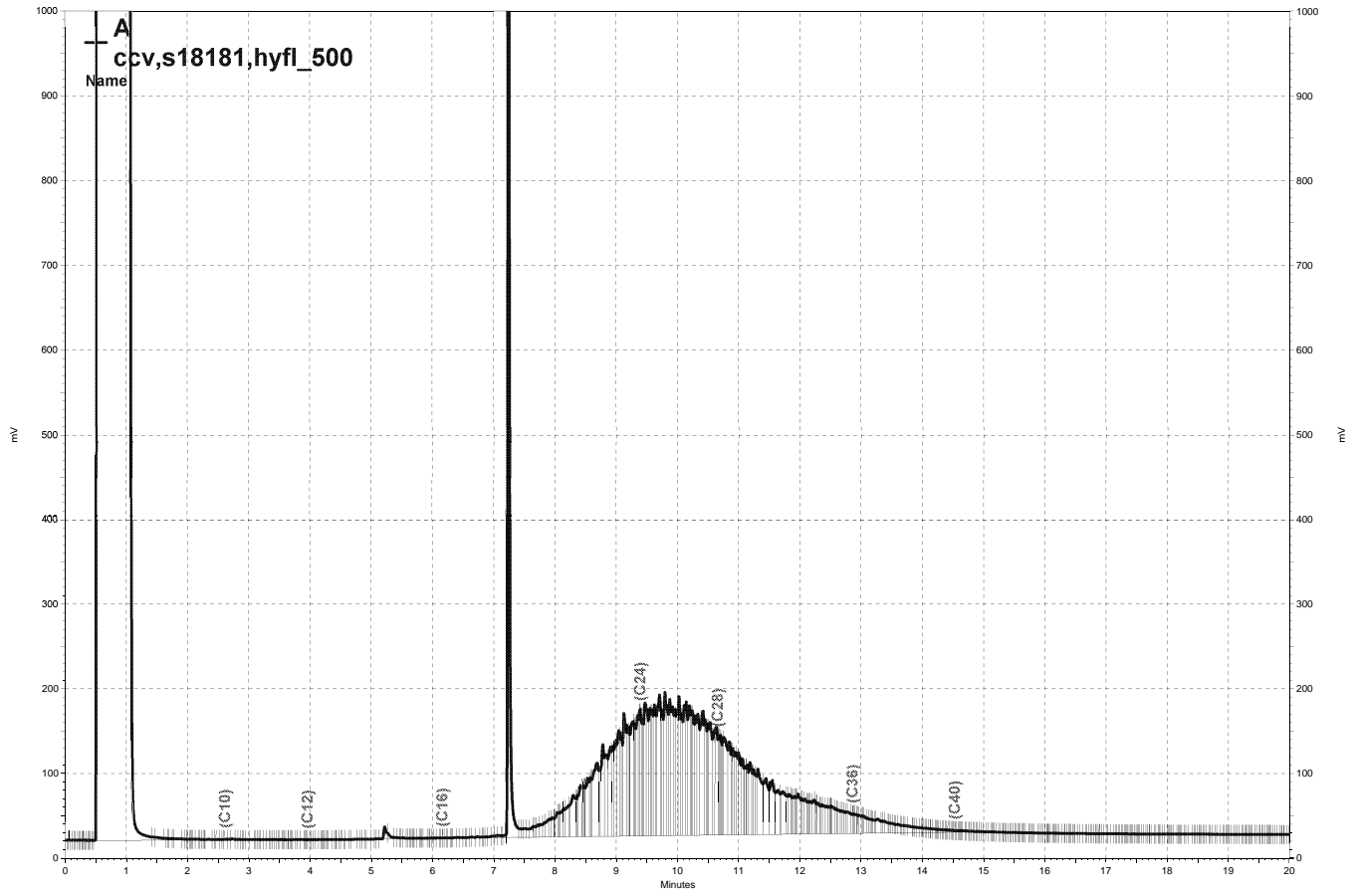
 NM= Not Meaningful: Sample concentration > 4X spike concentration  
 RPD= Relative Percent Difference



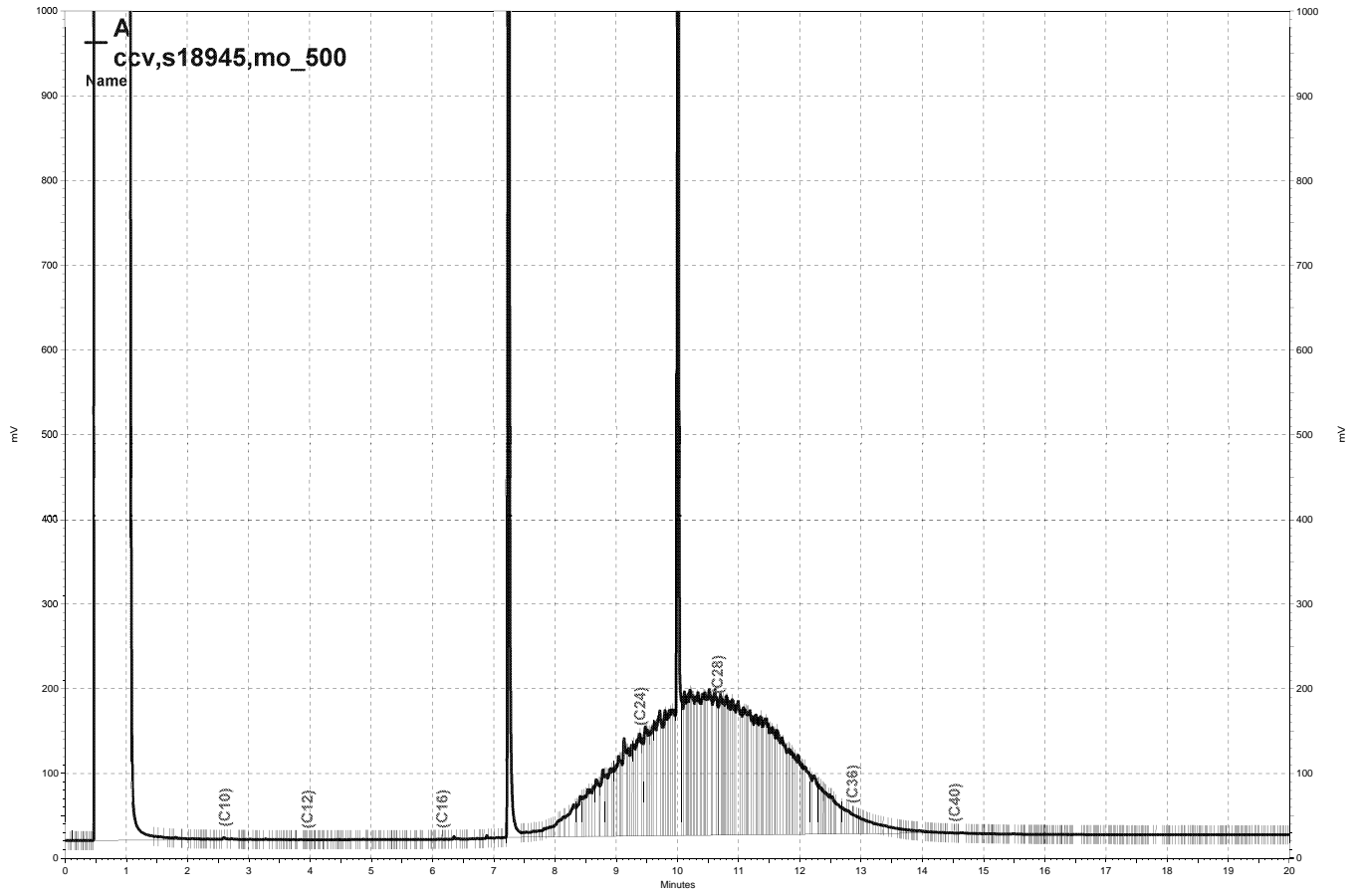
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### Purgeable Organics by GC/MS

Lab #:	233709	Location:	2145 35th Ave.--Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep:	EPA 5030B
Project#:	2145 35TH AVENUE	Analysis:	EPA 8260B
Field ID:	S-1-5.5'	Diln Fac:	0.9398
Lab ID:	233709-001	Batch#:	182834
Matrix:	Soil	Sampled:	01/11/12
Units:	ug/Kg	Received:	01/11/12
Basis:	as received	Analyzed:	01/12/12

Analyte	Result	RL
Freon 12	ND	9.4
Chloromethane	ND	9.4
Vinyl Chloride	ND	9.4
Bromomethane	ND	9.4
Chloroethane	ND	9.4
Trichlorofluoromethane	ND	4.7
Acetone	ND	19
Freon 113	ND	4.7
1,1-Dichloroethene	ND	4.7
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.7
MTBE	ND	4.7
trans-1,2-Dichloroethene	ND	4.7
Vinyl Acetate	ND	47
1,1-Dichloroethane	ND	4.7
2-Butanone	ND	9.4
cis-1,2-Dichloroethene	ND	4.7
2,2-Dichloropropane	ND	4.7
Chloroform	ND	4.7
Bromochloromethane	ND	4.7
1,1,1-Trichloroethane	ND	4.7
1,1-Dichloropropene	ND	4.7
Carbon Tetrachloride	ND	4.7
1,2-Dichloroethane	ND	4.7
Benzene	ND	4.7
Trichloroethene	ND	4.7
1,2-Dichloropropane	ND	4.7
Bromodichloromethane	ND	4.7
Dibromomethane	ND	4.7
4-Methyl-2-Pentanone	ND	9.4
cis-1,3-Dichloropropene	ND	4.7
Toluene	ND	4.7
trans-1,3-Dichloropropene	ND	4.7
1,1,2-Trichloroethane	ND	4.7
2-Hexanone	ND	9.4
1,3-Dichloropropane	ND	4.7
Tetrachloroethene	ND	4.7

ND= Not Detected

RL= Reporting Limit



### Purgeable Organics by GC/MS

Lab #:	233709	Location:	2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep:	EPA 5030B
Project#:	2145 35TH AVENUE	Analysis:	EPA 8260B
Field ID:	S-1-5.5'	Diln Fac:	0.9398
Lab ID:	233709-001	Batch#:	182834
Matrix:	Soil	Sampled:	01/11/12
Units:	ug/Kg	Received:	01/11/12
Basis:	as received	Analyzed:	01/12/12

Analyte	Result	RL
Dibromochloromethane	ND	4.7
1,2-Dibromoethane	ND	4.7
Chlorobenzene	ND	4.7
1,1,1,2-Tetrachloroethane	ND	4.7
Ethylbenzene	ND	4.7
m,p-Xylenes	ND	4.7
o-Xylene	ND	4.7
Styrene	ND	4.7
Bromoform	ND	4.7
Isopropylbenzene	ND	4.7
1,1,2,2-Tetrachloroethane	ND	4.7
1,2,3-Trichloropropane	ND	4.7
Propylbenzene	ND	4.7
Bromobenzene	ND	4.7
1,3,5-Trimethylbenzene	ND	4.7
2-Chlorotoluene	ND	4.7
4-Chlorotoluene	ND	4.7
tert-Butylbenzene	ND	4.7
1,2,4-Trimethylbenzene	ND	4.7
sec-Butylbenzene	ND	4.7
para-Isopropyl Toluene	ND	4.7
1,3-Dichlorobenzene	ND	4.7
1,4-Dichlorobenzene	ND	4.7
n-Butylbenzene	ND	4.7
1,2-Dichlorobenzene	ND	4.7
1,2-Dibromo-3-Chloropropane	ND	4.7
1,2,4-Trichlorobenzene	ND	4.7
Hexachlorobutadiene	ND	4.7
Naphthalene	ND	4.7
1,2,3-Trichlorobenzene	ND	4.7

Surrogate	%REC	Limits
Dibromofluoromethane	96	74-133
1,2-Dichloroethane-d4	87	74-136
Toluene-d8	106	80-120
Bromofluorobenzene	97	77-130

ND= Not Detected  
 RL= Reporting Limit

**Batch QC Report**

<b>Purgeable Organics by GC/MS</b>		
Lab #:	233709	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Type:	BLANK	Diln Fac: 1.000
Lab ID:	QC624907	Batch#: 182834
Matrix:	Soil	Analyzed: 01/12/12
Units:	ug/Kg	

<b>Analyte</b>	<b>Result</b>	<b>RL</b>
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0

ND= Not Detected

RL= Reporting Limit

**Batch QC Report**

Purgeable Organics by GC/MS		
Lab #:	233709	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Type:	BLANK	Diln Fac: 1.000
Lab ID:	QC624907	Batch#: 182834
Matrix:	Soil	Analyzed: 01/12/12
Units:	ug/Kg	

Analyte	Result	RL
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	93	74-133
1,2-Dichloroethane-d4	88	74-136
Toluene-d8	103	80-120
Bromofluorobenzene	95	77-130

ND= Not Detected

RL= Reporting Limit

**Batch QC Report**

Purgeable Organics by GC/MS		
Lab #:	233709	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Matrix:	Soil	Batch#: 182834
Units:	ug/Kg	Analyzed: 01/12/12
Diln Fac:	1.000	

Type: BS Lab ID: QC624908

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	20.00	21.35	107	71-125
Benzene	20.00	19.78	99	78-125
Trichloroethene	20.00	18.91	95	77-121
Toluene	20.00	20.22	101	79-120
Chlorobenzene	20.00	19.86	99	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	99	74-133
1,2-Dichloroethane-d4	96	74-136
Toluene-d8	99	80-120
Bromofluorobenzene	93	77-130

Type: BSD Lab ID: QC624909

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	20.00	22.41	112	71-125	5	20
Benzene	20.00	19.85	99	78-125	0	20
Trichloroethene	20.00	19.36	97	77-121	2	20
Toluene	20.00	19.59	98	79-120	3	20
Chlorobenzene	20.00	19.95	100	80-120	0	20

Surrogate	%REC	Limits
Dibromofluoromethane	99	74-133
1,2-Dichloroethane-d4	95	74-136
Toluene-d8	98	80-120
Bromofluorobenzene	93	77-130

RPD= Relative Percent Difference

**Batch QC Report**

Purgeable Organics by GC/MS					
Lab #:	233709	Location:	2145 35th Ave.-Salisbury, Oakland, CA		
Client:	Eagle Env. Construction	Prep:	EPA 5030B		
Project#:	2145 35TH AVENUE	Analysis:	EPA 8260B		
Field ID:	ZZZZZZZZZZ	Basis:	as received		
MSS Lab ID:	233712-001	Batch#:	182834		
Matrix:	Soil	Sampled:	01/11/12		
Units:	ug/Kg	Received:	01/11/12		

Type: MS Diln Fac: 0.9881  
 Lab ID: QC624962 Analyzed: 01/15/12

Analyte	MSS Result	Spiked	Result	%REC	Limits
1,1-Dichloroethene	<0.4297	49.41	78.04	158 *	55-127
Benzene	2.006	49.41	51.70	101	58-122
Trichloroethene	<0.4093	49.41	87.48	177 *	45-142
Toluene	<0.3095	49.41	51.78	105	54-120
Chlorobenzene	<0.3860	49.41	49.60	100	49-120

Surrogate	%REC	Limits
Dibromofluoromethane	37 *	74-133
1,2-Dichloroethane-d4	102	74-136
Toluene-d8	100	80-120
Bromofluorobenzene	91	77-130

Type: MSD Diln Fac: 0.9940  
 Lab ID: QC624963 Analyzed: 01/16/12

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	49.70	80.16	161 *	55-127	2	38
Benzene	49.70	52.62	102	58-122	1	37
Trichloroethene	49.70	88.76	179 *	45-142	1	41
Toluene	49.70	52.39	105	54-120	1	35
Chlorobenzene	49.70	50.14	101	49-120	0	38

Surrogate	%REC	Limits
Dibromofluoromethane	40 *	74-133
1,2-Dichloroethane-d4	101	74-136
Toluene-d8	101	80-120
Bromofluorobenzene	91	77-130

\*= Value outside of QC limits; see narrative  
 RPD= Relative Percent Difference

**Polychlorinated Biphenyls (PCBs)**

Lab #:	233709	Location:	2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep:	EPA 3550B
Project#:	2145 35TH AVENUE	Analysis:	EPA 8082
Field ID:	S-1-5.5'	Batch#:	182865
Matrix:	Soil	Sampled:	01/11/12
Units:	ug/Kg	Received:	01/11/12
Basis:	as received	Prepared:	01/13/12
Diln Fac:	1.000	Analyzed:	01/16/12

Type: SAMPLE                      Lab ID: 233709-001

Analyte	Result	RL
Aroclor-1016	ND	9.5
Aroclor-1221	ND	19
Aroclor-1232	ND	9.5
Aroclor-1242	ND	9.5
Aroclor-1248	ND	9.5
Aroclor-1254	ND	9.5
Aroclor-1260	ND	9.5
Aroclor-1268	27	9.5

Surrogate	%REC	Limits
TCMX	124	55-137
Decachlorobiphenyl	96	28-120

Type: BLANK                      Lab ID: QC625033

Analyte	Result	RL
Aroclor-1016	ND	9.7
Aroclor-1221	ND	19
Aroclor-1232	ND	9.7
Aroclor-1242	ND	9.7
Aroclor-1248	ND	9.7
Aroclor-1254	ND	9.7
Aroclor-1260	ND	9.7
Aroclor-1268	ND	9.7

Surrogate	%REC	Limits
TCMX	106	55-137
Decachlorobiphenyl	91	28-120

ND= Not Detected  
 RL= Reporting Limit

## Batch QC Report

Polychlorinated Biphenyls (PCBs)		
Lab #:	233709	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 3550B
Project#:	2145 35TH AVENUE	Analysis: EPA 8082
Type:	LCS	Diln Fac: 1.000
Lab ID:	QC625034	Batch#: 182865
Matrix:	Soil	Prepared: 01/13/12
Units:	ug/Kg	Analyzed: 01/16/12

Analyte	Spiked	Result	%REC	Limits
Aroclor-1016	166.7	169.1	101	63-138
Aroclor-1260	166.7	153.4	92	60-141

Surrogate	%REC	Limits
TCMX	108	55-137
Decachlorobiphenyl	101	28-120

California LUFT Metals		
Lab #:	233709	Location: 2145 35th Ave.--Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 3050B
Project#:	2145 35TH AVENUE	Analysis: EPA 6010B
Field ID:	S-1-5.5'	Batch#: 182845
Matrix:	Soil	Sampled: 01/11/12
Units:	mg/Kg	Received: 01/11/12
Basis:	as received	Prepared: 01/12/12
Diln Fac:	1.000	Analyzed: 01/13/12

Type: SAMPLE Lab ID: 233709-001

Analyte	Result	RL
Cadmium	0.45	0.24
Chromium	32	0.24
Lead	51	0.24
Nickel	53	0.24
Zinc	84	0.96

Type: BLANK Lab ID: QC624945

Analyte	Result	RL
Cadmium	ND	0.25
Chromium	ND	0.25
Lead	ND	0.25
Nickel	ND	0.25
Zinc	ND	1.0

ND= Not Detected  
 RL= Reporting Limit











**Curtis & Tompkins, Ltd.**  
Analytical Laboratories, Since 1878







Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878

2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

Laboratory Job Number 234017
ANALYTICAL REPORT

Eagle Env. Construction Project : 2145 35TH AVENUE
3150 Hilltop Mall Road, Suite 7 Location : 2145 35th Ave.-Salisbury, Oakland, CA
Richmond, CA 94806 Level : II

Table with 4 columns: Sample ID, Lab ID, Sample ID, Lab ID. Lists various sample and lab identifiers such as P1-1, P1-5, P1-14, P2-1, P2-8, P2-12, P2-16, P2-20, P3-1, P3-8, P3-12, P4-1, P4-8, P4-12, BH6-1, BH6-8, BH6-12, BH6-16, BH7-1, BH7-8, BH7-12, BH8-1, BH8-8, BH8-12, BH8-16, P1-W, P2-W, P3-W, P4-W, BH6-W, BH7-W, BH8-W.

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

Signature: [Handwritten Signature]
Project Manager

Date: 02/01/2012

## CASE NARRATIVE

Laboratory number: 234017  
Client: Eagle Env. Construction  
Project: 2145 35TH AVENUE  
Location: 2145 35th Ave.-Salisbury, Oakland, CA  
Request Date: 01/25/12  
Samples Received: 01/25/12

This data package contains sample and QC results for twenty five soil samples and seven water samples, requested for the above referenced project on 01/25/12. The samples were received on ice and intact, directly from the field.

### TPH-Purgeables and/or BTXE by GC (EPA 8015B) Water:

High surrogate recoveries were observed for bromofluorobenzene (FID) in BH8-W (lab # 234017-032) and the MS/MSD of P1-W (lab # 234017-026), due to interference from coeluting hydrocarbon peaks. BH6-W (lab # 234017-030) and BH8-W (lab # 234017-032) were analyzed with more than 1 mL of headspace in the VOA vial. No other analytical problems were encountered.

### TPH-Purgeables and/or BTXE by GC (EPA 8015B) Soil:

Low response was observed for stoddard solvent C7-C12 in the CCV analyzed 01/27/12 16:01; affected data was qualified with "b". Low response was observed for stoddard solvent C7-C12 in the CCV analyzed 01/28/12 02:45; affected data was qualified with "b". High recovery was observed for gasoline C7-C12 in the BSD for batch 183358; the associated RPD was within limits, and the high recovery was not associated with any reported results. High surrogate recovery was observed for bromofluorobenzene (FID) in BH8-12 (lab # 234017-024), due to interference from coeluting hydrocarbon peaks. No other analytical problems were encountered.

### TPH-Extractables by GC (EPA 8015B) Water:

No analytical problems were encountered.

### TPH-Extractables by GC (EPA 8015B) Soil:

No analytical problems were encountered.

### Volatile Organics by GC/MS (EPA 8260B) Water:

Low response was observed for isopropyl ether (DIPE) in the CCV analyzed 01/27/12 11:16; this analyte met minimum response criteria, and affected data was qualified with "b". BH8-W (lab # 234017-032) had pH greater than 2. P1-W (lab # 234017-026) had multiple vials combined due to sediment. P3-W (lab # 234017-028) had multiple vials combined due to sediment. P4-W (lab # 234017-029) had multiple vials combined due to sediment. BH7-W (lab # 234017-031) had multiple vials combined due to sediment. BH6-W (lab # 234017-030) had multiple vials combined due to sediment. No other analytical problems were encountered.

### CASE NARRATIVE

Laboratory number: 234017  
Client: Eagle Env. Construction  
Project: 2145 35TH AVENUE  
Location: 2145 35th Ave.-Salisbury, Oakland, CA  
Request Date: 01/25/12  
Samples Received: 01/25/12

#### Volatile Organics by GC/MS (EPA 8260B) Soil:

High response was observed for ethyl tert-butyl ether (ETBE) in the CCV analyzed 01/31/12 15:17; affected data was qualified with "b". High surrogate recovery was observed for 1,2-dichloroethane-d4 in P3-8 (lab # 234017-010); no target analytes were detected in the sample. High surrogate recovery was observed for bromofluorobenzene in BH6-12 (lab # 234017-017), due to matrix interference. P2-12 (lab # 234017-006) was diluted due to high non-target analytes. No other analytical problems were encountered.

#### Metals (EPA 6010B) Soil:

Low recoveries were observed for zinc in the MS/MSD for batch 183364; the parent sample was not a project sample, the BS/BSD were within limits, and the associated RPD was within limits. No other analytical problems were encountered.

#### Metals (EPA 6010B) Filtrate:

No analytical problems were encountered.

# CHAIN OF CUSTODY

**dt** Curtis & Tompkins Laboratories  
**ENVIRONMENTAL ANALYTICAL TESTING LABORATORY**  
*In Business Since 1878*

2323 Fifth Street  
 Berkeley, CA 94710

Phone (510) 486-0900  
 Fax (510) 486-0532

C&T LOGIN # 234017

Chain of Custody # \_\_\_\_\_

Project No: SALESBURY, Oakland Sampler: EFC SAME MALABO  
 Project Name: 2145 35th Ave. Oakland, CA Report To: SAME MALABO  
 Project P. O. No: \_\_\_\_\_ Company: EFC  
 EDD Format: Report Level  I  II  III  IV Telephone: (925) 856-9608  
 Turnaround Time:  RUSH  Standard Email: S. MALABO@COMCAST.NET

		ANALYTICAL REQUEST																		
		TPH-G-3	TPH-SF	8015-R	TPH-D	MOTOR OIL	(With silica gel clean-up)	8015-R	Volatile Organics	8260-R	Including Fuel	Organophosphate	Lead & Cadence	Five Metals	60100	TPH-D	Hydraulic Oil	(With silica gel clean-up)	Lead	Cpb
1	P1-1																			
2	P1-5																			
3	P1-14																			
4	P2-1																			
5	P2-8																			
6	P2-12																			
7	<del>P2-16</del> P2-16																			
8	<del>P2-20</del> P2-20																			
9	P3-1																			
10	P3-8																			
11	P3-14																			
12	P4-1																			
13	P4-8																			

Lab No.	Sample ID.	SAMPLING		MATRIX		# of Containers	CHEMICAL PRESERVATIVE				
		Date Collected	Time Collected	Water	Solid		HCl	H2SO4	HNO3	NaOH	None
1	P1-1	01/25/2012	~8:30		X	1					
2	P1-5	"	~8:45		X	1					
3	P1-14	"	~8:50		X	1					
4	P2-1	"	~9:10		X	1					
5	P2-8	"	~9:20		X	1					
6	P2-12	"	~9:40		X	1					
7	<del>P2-16</del> P2-16	"	~9:50		X	1					
8	<del>P2-20</del> P2-20	"	~9:55		X	1					
9	P3-1	"	~10:30		X	1					
10	P3-8	"	~10:45		X	1					
11	P3-14	"	~10:58		X	1					
12	P4-1	"	~11:30		X	1					
13	P4-8	"	~11:45		X	1					

Notes:

**SAMPLE RECEIPT**

- Intact
- Cold
- On Ice
- Ambient

**RELINQUISHED BY:**

*[Signature]*  
 DATE: 01/25/12 TIME: 5:45

DATE: \_\_\_\_\_ TIME: \_\_\_\_\_

DATE: \_\_\_\_\_ TIME: \_\_\_\_\_

**RECEIVED BY:**

*[Signature]*  
 DATE: 1/25/12 TIME: 12:15

DATE: \_\_\_\_\_ TIME: \_\_\_\_\_

DATE: \_\_\_\_\_ TIME: \_\_\_\_\_

# CHAIN OF CUSTODY

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C&T LOGIN # 234017

Page 2 of 5

Chain of Custody # \_\_\_\_\_

Project No: SALISBURY OAKLAND

Sampler: REC JAMES MALAEB

Project Name: 2145 35th Ave  
 OAKLAND, CA

Report To: SAME MALAEB

Project P. O. No: \_\_\_\_\_

Company: REC

EDD Format: Report Level  I  II  III  IV

Telephone: (925) 858-9608

Turnaround Time:  RUSH  Standard

Email: S.MALAEB@COMCAST.NET

## ANALYTICAL REQUEST

Lab No.	Sample ID.	SAMPLING		MATRIX		# of Containers	CHEMICAL PRESERVATIVE												
		Date Collected	Time Collected	Water	Solid		HCl	H2SO4	HNO3	NaOH	None								
14	P4-12	01/25/2011	12:00P	X		1													
15	BH6-1	"	12:30P	X		1													
16	BH6-8	"	12:50P	X		1													
17	BH6-12	"	12:59	X		1													
18	BH6-16	"	1:22	X		1													
19	BH7-1	"	1:45	X		1													
20	BH7-8	"	2:00	X		1													
21	<del>BH7-12</del> BH7-12	"	2:20	X		1													
22	BH8-1	"	2:40	X		1													
23	BH8-8	"	2:45	X		1													
24	BH8-12	"	2:55	X		1													
25	BH8-16	"	3:00	X		1													

TPH-G, TPH-S	TPH-D, MOTOR OIL	Volatile Organic	Fuel oxygenate	Lead Screening	Five Metals	TPH-D, Hydraulic oil	Lead (Pb)
X	X	X	X		X		
X	X	X	X		X		X
X	X	X	X		X		
X	X	X	X		X		
X	X	X	X		X		X
X	X	X	X		X		
X	X	X	X		X		X
X	X	X	X		X		
X	X	X	X		X		

Notes:

SAMPLE RECEIPT

- Intact
- Cold
- On Ice
- Ambient

RELINQUISHED BY:

*[Signature]*  
 DATE: 01/25/11 TIME: \_\_\_\_\_  
 DATE: \_\_\_\_\_ TIME: \_\_\_\_\_  
 DATE: \_\_\_\_\_ TIME: \_\_\_\_\_

RECEIVED BY:

*[Signature]*  
 DATE: 1/25/11 TIME: 17:15  
 DATE: \_\_\_\_\_ TIME: \_\_\_\_\_  
 DATE: \_\_\_\_\_ TIME: \_\_\_\_\_

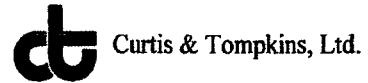








**COOLER RECEIPT CHECKLIST**



Login # 234017 Date Received 1/25/12 Number of coolers 2  
 Client EEC Project SALISBURY, OAKLAND  
 Date Opened 1/25/12 By (print) J. CHOI (sign) [Signature]  
 Date Logged in ↓ By (print) ↓ (sign) ↓

1. Did cooler come with a shipping slip (airbill, etc) YES  NO  
 Shipping info \_\_\_\_\_

2A. Were custody seals present? ....  YES (circle) on cooler on samples  NO  
 How many \_\_\_\_\_ Name \_\_\_\_\_ Date \_\_\_\_\_

2B. Were custody seals intact upon arrival? \_\_\_\_\_ YES NO  N/A

3. Were custody papers dry and intact when received? \_\_\_\_\_  YES NO

4. Were custody papers filled out properly (ink, signed, etc)? \_\_\_\_\_  YES NO

5. Is the project identifiable from custody papers? (If so fill out top of form) \_\_\_\_\_  YES NO

6. Indicate the packing in cooler: (if other, describe) \_\_\_\_\_  
 Bubble Wrap  Foam blocks  Bags  None  
 Cloth material  Cardboard  Styrofoam  Paper towels

7. Temperature documentation: \* Notify PM if temperature exceeds 6°C  
 Type of ice used:  Wet  Blue/Gel  None Temp(°C) 4.2°C, 17.9°C

Samples Received on ice & cold without a temperature blank; temp. taken with IR gun (1 cooler)  
 Samples received on ice directly from the field. Cooling process had begun

8. Were Method 5035 sampling containers present? \_\_\_\_\_ YES  NO  
 If YES, what time were they transferred to freezer? \_\_\_\_\_

9. Did all bottles arrive unbroken/unopened? \_\_\_\_\_  YES NO

10. Are there any missing / extra samples? \_\_\_\_\_ YES  NO

11. Are samples in the appropriate containers for indicated tests? \_\_\_\_\_  YES NO

12. Are sample labels present, in good condition and complete? \_\_\_\_\_ NO  YES  NO

13. Do the sample labels agree with custody papers? \_\_\_\_\_  YES NO

14. Was sufficient amount of sample sent for tests requested? \_\_\_\_\_  YES NO

15. Are the samples appropriately preserved? \_\_\_\_\_  YES NO N/A

16. Did you check preservatives for all bottles for each sample? \_\_\_\_\_ YES NO  N/A

17. Did you document your preservative check? \_\_\_\_\_ YES NO  N/A

18. Did you change the hold time in LIMS for unpreserved VOAs? \_\_\_\_\_ YES NO  N/A

19. Did you change the hold time in LIMS for preserved terracores? \_\_\_\_\_ YES NO  N/A

20. Are bubbles > 6mm absent in VOA samples? \_\_\_\_\_ YES  NO N/A

21. Was the client contacted concerning this sample delivery? \_\_\_\_\_ YES  NO

If YES, Who was called? \_\_\_\_\_ By \_\_\_\_\_ Date: \_\_\_\_\_

COMMENTS  
 12) NONE OF THE SAMPLE LABELS HAD THE SAMPLE TIME WRITTEN OUT. However, Date and Time were indicated on the chain of custody for all samples.  
 20) ~~03~~ 029: 3 of 6 VOAs rec'd w/ BUBBLES. Will use VOAs that are without bubbles to the extent possible.  
 031: 2 of 6 VOAs rec'd w/ BUBBLES  
 032: 5 of 6 VOAs rec'd w/ BUBBLES  
 \* HEAVY SEDIMENTS FOR WATER SAMPLES.

### Total Volatile Hydrocarbons

Lab #:	234017	Location:	2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep:	EPA 5030B
Project#:	2145 35TH AVENUE	Analysis:	EPA 8015B
Matrix:	Water	Sampled:	01/25/12
Units:	ug/L	Received:	01/25/12

Field ID:	P1-W	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	183355
Lab ID:	234017-026	Analyzed:	01/31/12

Analyte	Result	RL
Gasoline C7-C12	ND	50
Stoddard Solvent C7-C12	ND	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	101	76-121

Field ID:	P2-W	Diln Fac:	50.00
Type:	SAMPLE	Batch#:	183355
Lab ID:	234017-027	Analyzed:	01/31/12

Analyte	Result	RL
Gasoline C7-C12	49,000	2,500
Stoddard Solvent C7-C12	32,000 Y	2,500

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	99	76-121

Field ID:	P3-W	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	183313
Lab ID:	234017-028	Analyzed:	01/28/12

Analyte	Result	RL
Gasoline C7-C12	ND	50
Stoddard Solvent C7-C12	ND	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	121	76-121

Field ID:	P4-W	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	183313
Lab ID:	234017-029	Analyzed:	01/28/12

Analyte	Result	RL
Gasoline C7-C12	ND	50
Stoddard Solvent C7-C12	ND	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	116	76-121

\*= Value outside of QC limits; see narrative  
 Y= Sample exhibits chromatographic pattern which does not resemble standard  
 b= See narrative  
 NA= Not Analyzed  
 ND= Not Detected  
 RL= Reporting Limit

Total Volatile Hydrocarbons		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8015B
Matrix:	Water	Sampled: 01/25/12
Units:	ug/L	Received: 01/25/12

Field ID: BH6-W Diln Fac: 1.000  
 Type: SAMPLE Batch#: 183355  
 Lab ID: 234017-030 Analyzed: 01/31/12

Analyte	Result	RL
Gasoline C7-C12	2,000	50
Stoddard Solvent C7-C12	1,300	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	117	76-121

Field ID: BH7-W Diln Fac: 1.000  
 Type: SAMPLE Batch#: 183355  
 Lab ID: 234017-031 Analyzed: 01/31/12

Analyte	Result	RL
Gasoline C7-C12	51 Y	50
Stoddard Solvent C7-C12	ND	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	102	76-121

Field ID: BH8-W Diln Fac: 10.00  
 Type: SAMPLE Batch#: 183355  
 Lab ID: 234017-032 Analyzed: 01/31/12

Analyte	Result	RL
Gasoline C7-C12	74,000	500
Stoddard Solvent C7-C12	48,000	500

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	124 *	76-121

Type: BLANK Batch#: 183313  
 Lab ID: QC626813 Analyzed: 01/27/12  
 Diln Fac: 1.000

Analyte	Result	RL
Gasoline C7-C12	ND	50
Stoddard Solvent C7-C12	ND	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	93	76-121

\*= Value outside of QC limits; see narrative  
 Y= Sample exhibits chromatographic pattern which does not resemble standard  
 b= See narrative  
 NA= Not Analyzed  
 ND= Not Detected  
 RL= Reporting Limit



## Batch QC Report

Total Volatile Hydrocarbons		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8015B
Type:	LCS	Diln Fac: 1.000
Lab ID:	QC626812	Batch#: 183313
Matrix:	Water	Analyzed: 01/27/12
Units:	ug/L	

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	1,000	1,024	102	79-120

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	99	76-121



## Batch QC Report

Total Volatile Hydrocarbons					
Lab #:	234017	Location:	2145 35th Ave.-Salisbury, Oakland, CA		
Client:	Eagle Env. Construction	Prep:	EPA 5030B		
Project#:	2145 35TH AVENUE	Analysis:	EPA 8015B		
Field ID:	P1-W	Batch#:	183313		
MSS Lab ID:	234017-026	Sampled:	01/25/12		
Matrix:	Water	Received:	01/25/12		
Units:	ug/L	Analyzed:	01/27/12		
Diln Fac:	1.000				

Type: MS Lab ID: QC626814

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	81.41	2,000	2,062	99	68-120

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	126 *	76-121

Type: MSD Lab ID: QC626815

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2,000	2,191	105	68-120	6	21

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	128 *	76-121

\*= Value outside of QC limits; see narrative

RPD= Relative Percent Difference

**Batch QC Report**

<b>Total Volatile Hydrocarbons</b>		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8015B
Type:	LCS	Diln Fac: 1.000
Lab ID:	QC626992	Batch#: 183355
Matrix:	Water	Analyzed: 01/30/12
Units:	ug/L	

<b>Analyte</b>	<b>Spiked</b>	<b>Result</b>	<b>%REC</b>	<b>Limits</b>
Gasoline C7-C12	1,000	939.8	94	79-120

<b>Surrogate</b>	<b>%REC</b>	<b>Limits</b>
Bromofluorobenzene (FID)	99	76-121

## Batch QC Report

Total Volatile Hydrocarbons			
Lab #:	234017	Location:	2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep:	EPA 5030B
Project#:	2145 35TH AVENUE	Analysis:	EPA 8015B
Field ID:	P1-W	Batch#:	183355
MSS Lab ID:	234017-026	Sampled:	01/25/12
Matrix:	Water	Received:	01/25/12
Units:	ug/L	Analyzed:	01/31/12
Diln Fac:	1.000		

Type: MS Lab ID: QC626994

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	41.22	2,000	2,036	100	68-120

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	104	76-121

Type: MSD Lab ID: QC626995

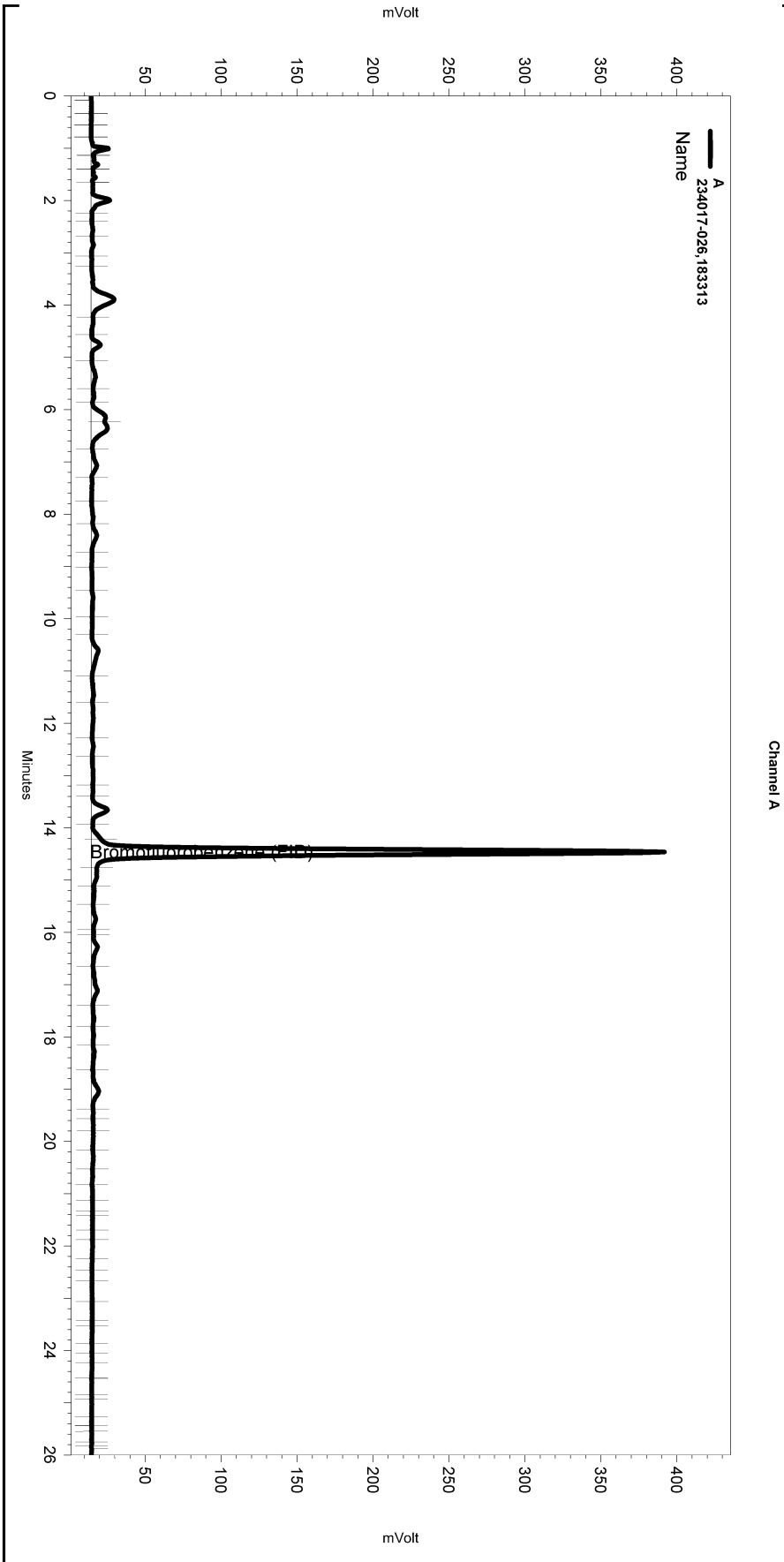
Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2,000	2,021	99	68-120	1	21

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	104	76-121

RPD= Relative Percent Difference

Sequence File: \\Lims\gdrive\ezchrom\Projects\GC04\Sequence\027.seq  
 Sample Name: 234017-026,183313  
 Data File: \\Lims\gdrive\ezchrom\Projects\GC04\Data\027-008  
 Instrument: GC04 (Offline) Vial: N/A Operator: Tvh 1. Analyst (lims2k3\tvh1)  
 Method Name: \\Lims\gdrive\ezchrom\Projects\GC04\Method\TVHBTXE313R.MET

Software Version 3.1.7  
 Run Date: 1/27/2012 9:30:33 PM  
 Analysis Date: 2/1/2012 12:26:54 PM  
 Sample Amount: 5 Multiplier: 5  
 Vial & pH or Core ID: d1.0



---< General Method Parameters >---

No items selected for this section

---< A >---

No items selected for this section

Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
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Yes	Threshold	0	0	50

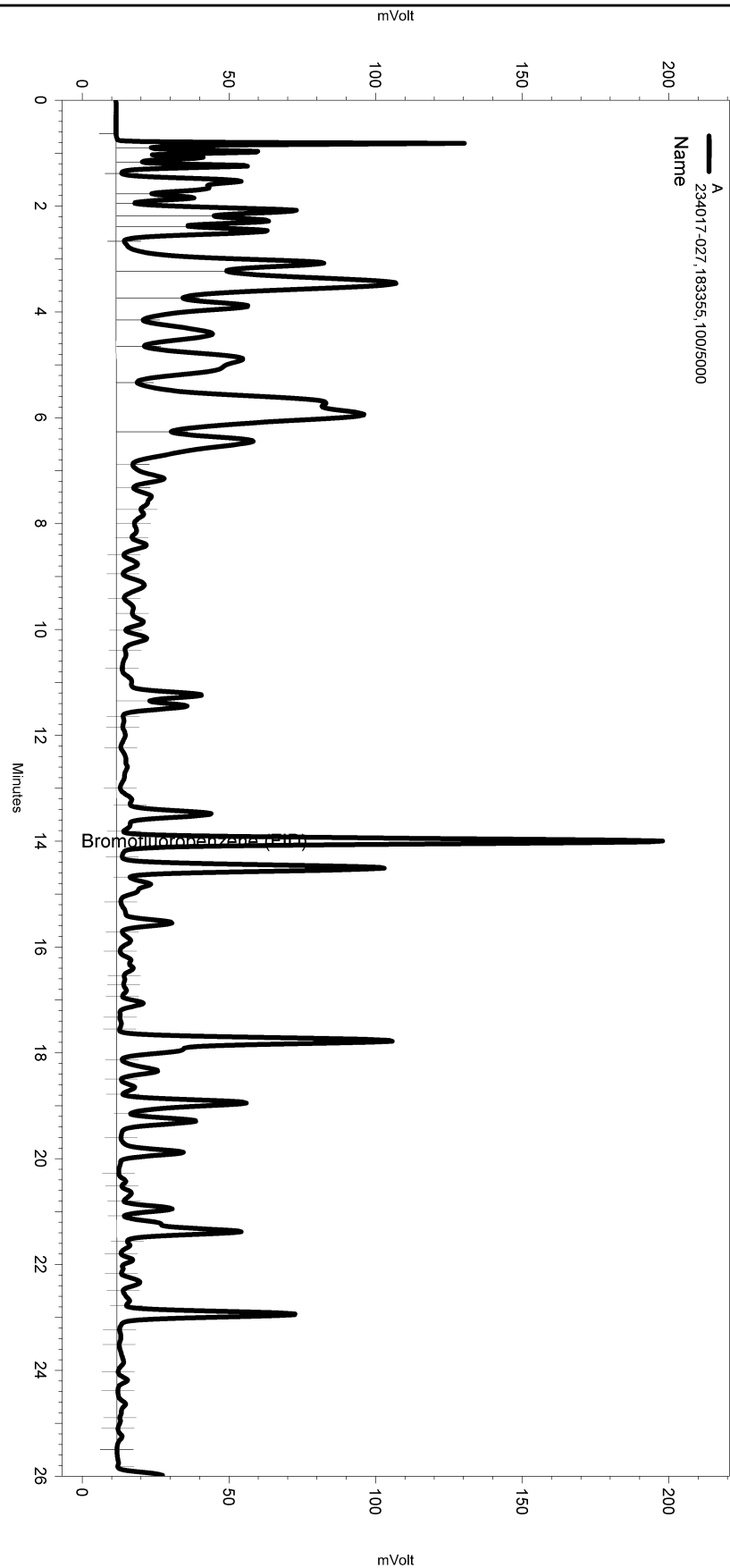
Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC04\Data\027-008

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Split Peak	14.218	0	0
Yes	Split Peak	14.772	0	0

Sequence File: \\Lims\gdrive\ezchrom\Projects\GC19\Sequence\030.seq  
 Sample Name: 234017-027,183355,100/5000  
 Data File: \\Lims\gdrive\ezchrom\Projects\GC19\Data\030-023  
 Instrument: GC19 Vial: N/A Operator: lims2k3\tvh3  
 Method Name: \\Lims\gdrive\ezchrom\Projects\GC19\Method\tvhbx017.met

Software Version 3.1.7  
 Run Date: 1/31/2012 3:44:12 AM  
 Analysis Date: 1/31/2012 4:13:20 AM  
 Sample Amount: 5 Multiplier: 5  
 Vial & pH or Core ID: e1.0



Channel A

---< General Method Parameters >---

No items selected for this section

---< A >---

No items selected for this section

Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

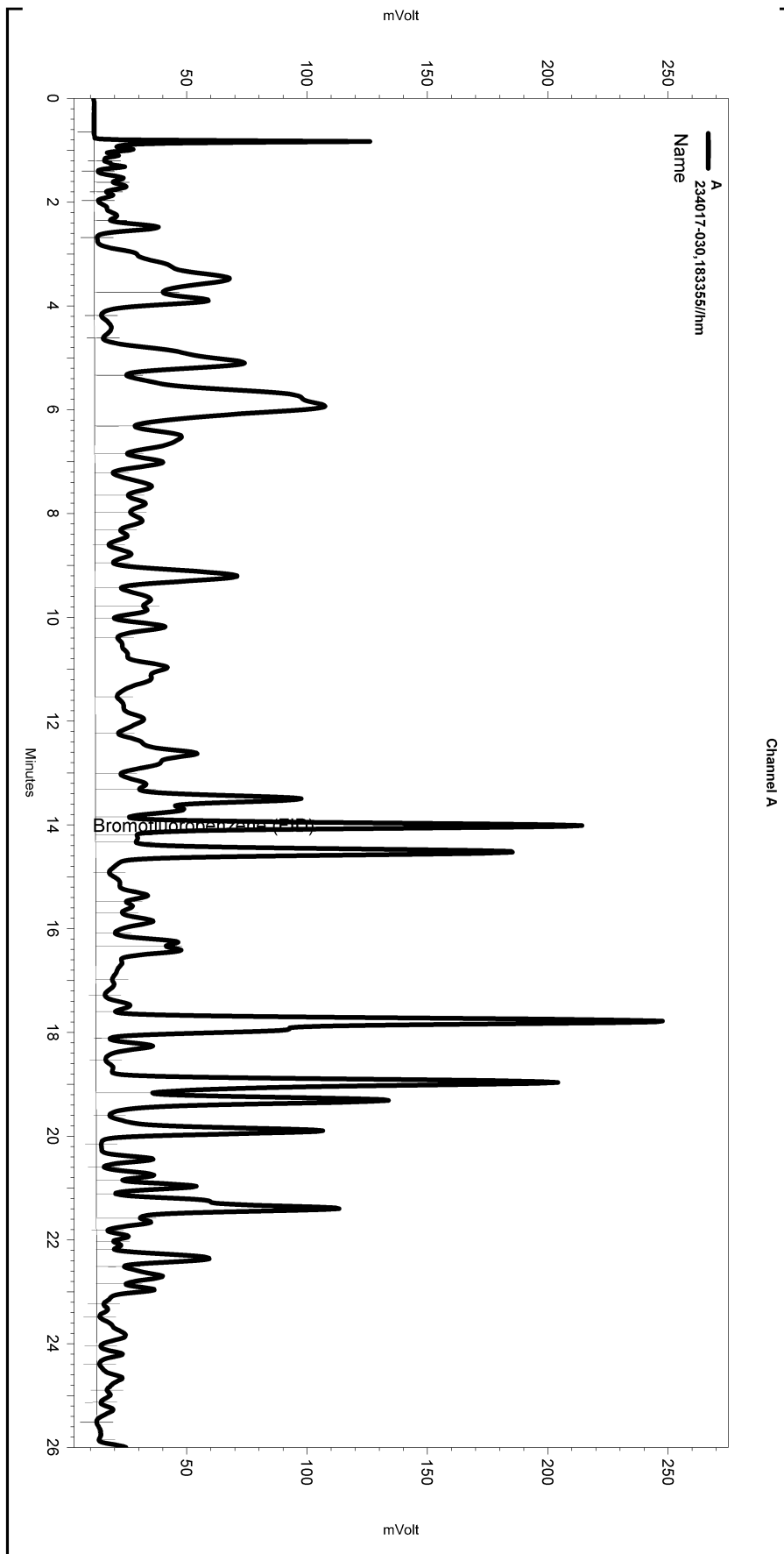
Manual Integration Fixes

Data File: C:\Documents and Settings\All Users\Application Data\ChromatographySystem\Recovery Data\Instrument.10050\030-023\_35CC.tmp

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
None				

Sequence File: \\Lims\gdrive\ezchrom\Projects\GC19\Sequence\030.seq  
 Sample Name: 234017-030,183355/hm  
 Data File: \\Lims\gdrive\ezchrom\Projects\GC19\Data\030-024  
 Instrument: GC19 (Offline) Vial: N/A Operator: Tvh 1. Analyst (lims2k3\tvh1)  
 Method Name: \\Lims\gdrive\ezchrom\Projects\GC19\Method\tvhbtxe017.met

Software Version 3.1.7  
 Run Date: 1/31/2012 4:21:44 AM  
 Analysis Date: 1/31/2012 11:21:08 AM  
 Sample Amount: 5 Multiplier: 5  
 Vial & pH or Core ID: d1.0



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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

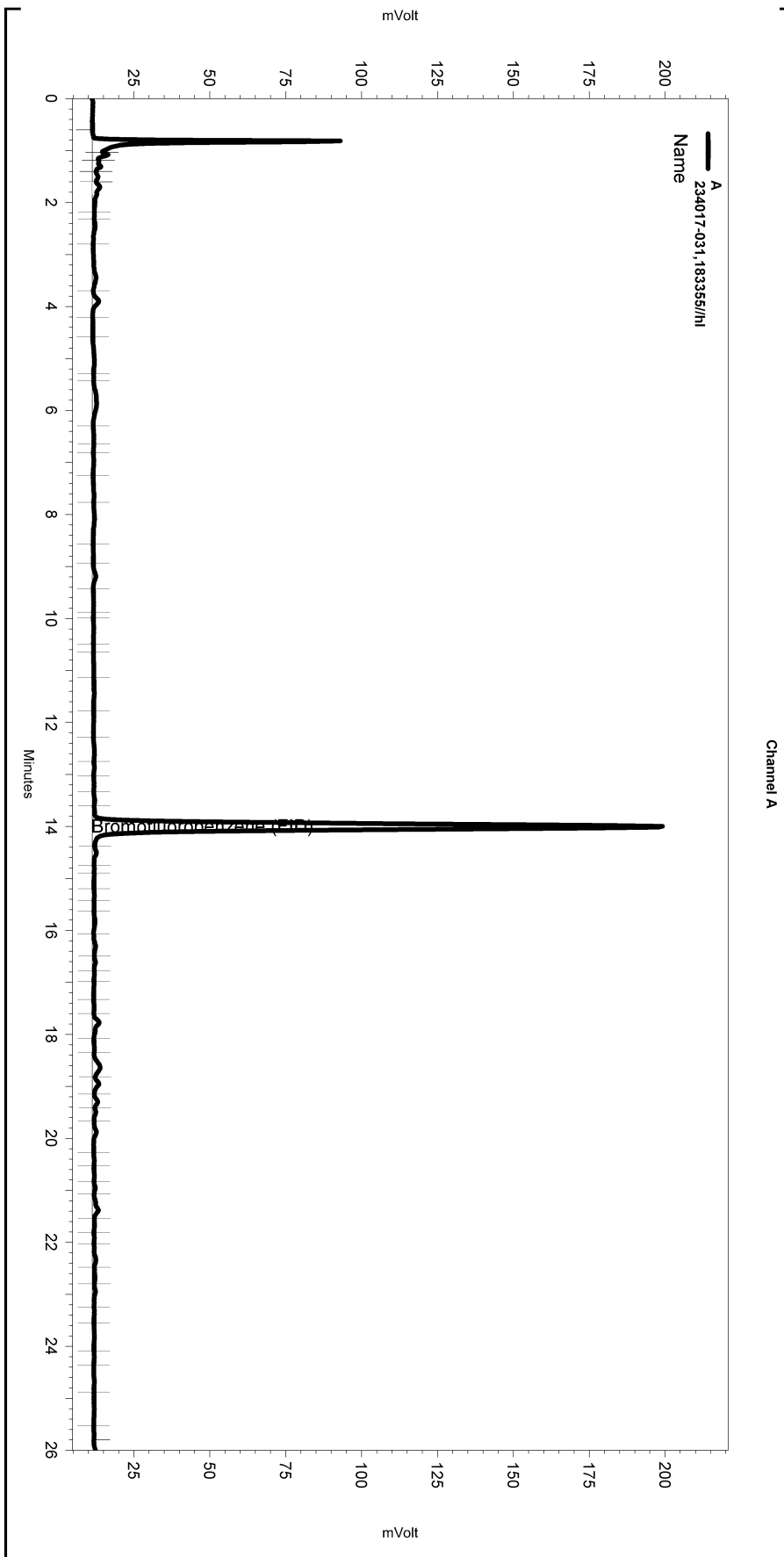
Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC19\Data\030-024

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Split Peak	14.198	0	0

Sequence File: \\Lims\gdrive\ezchrom\Projects\GC19\Sequence\030.seq  
 Sample Name: 234017-031,183355/hl  
 Data File: \\Lims\gdrive\ezchrom\Projects\GC19\Data\030-025  
 Instrument: GC19 (Offline) Vial: N/A Operator: Tvh 1. Analyst (lims2k3\tvh1)  
 Method Name: \\Lims\gdrive\ezchrom\Projects\GC19\Method\lvhbtxe017.met

Software Version 3.1.7  
 Run Date: 1/31/2012 4:59:17 AM  
 Analysis Date: 1/31/2012 11:28:46 AM  
 Sample Amount: 5 Multiplier: 5  
 Vial & pH or Core ID: e1.0



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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
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Yes	Threshold	0	0	50

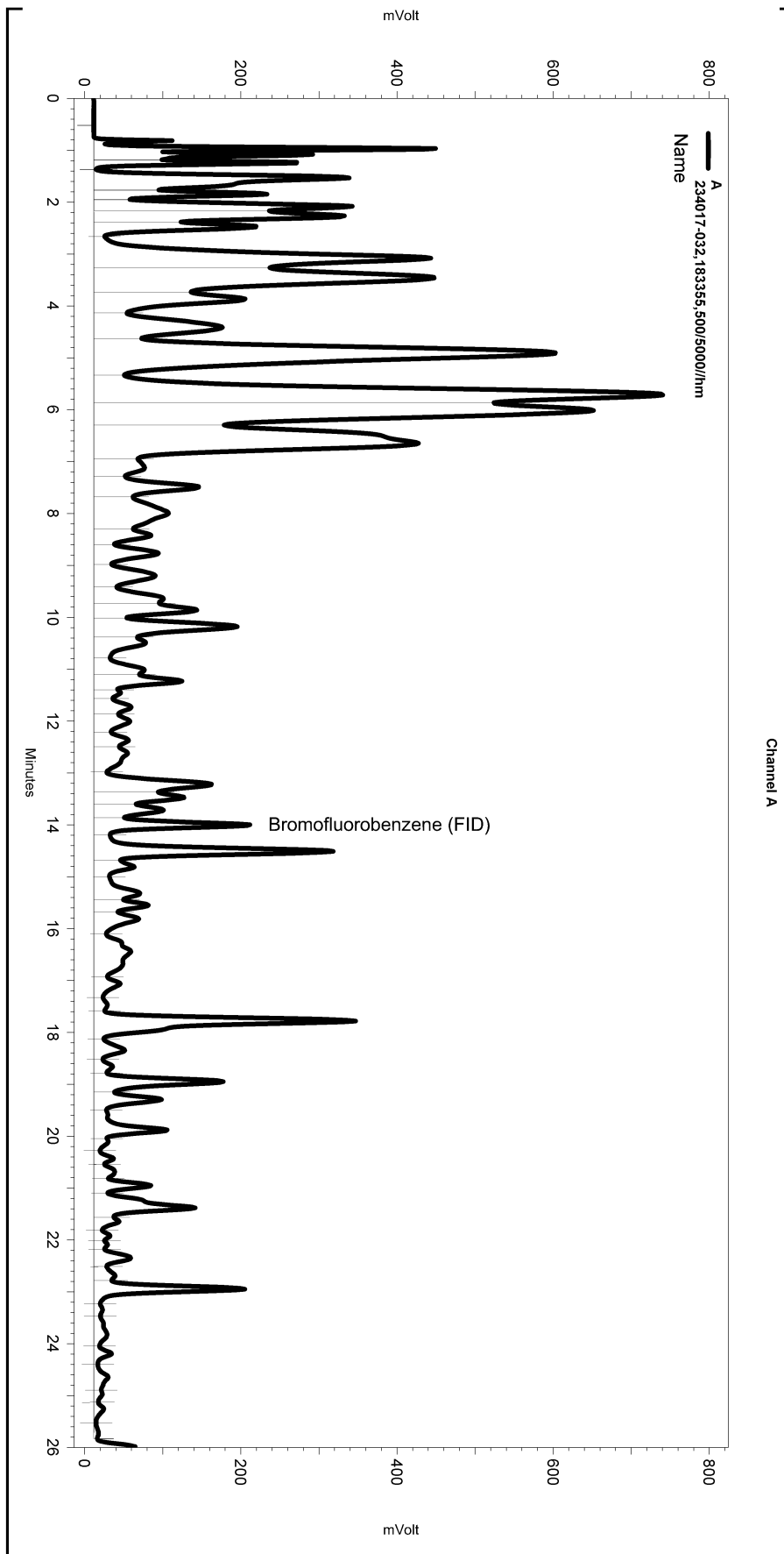
Manual Integration Fixes

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Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
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 Sample Name: 234017-032,183355,500/5000//hm  
 Data File: \\Lims\gdrive\ezchrom\Projects\GC19\Data\030-026  
 Instrument: GC19 (Offline) Vial: N/A Operator: Tvh 1. Analyst (lims2k3\tvh1)  
 Method Name: \\Lims\gdrive\ezchrom\Projects\GC19\Method\TVHBTXE017.met

Software Version 3.1.7  
 Run Date: 1/31/2012 5:36:47 AM  
 Analysis Date: 1/31/2012 11:26:27 AM  
 Sample Amount: 5 Multiplier: 5  
 Vial & pH or Core ID: e1.0



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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

Manual Integration Fixes

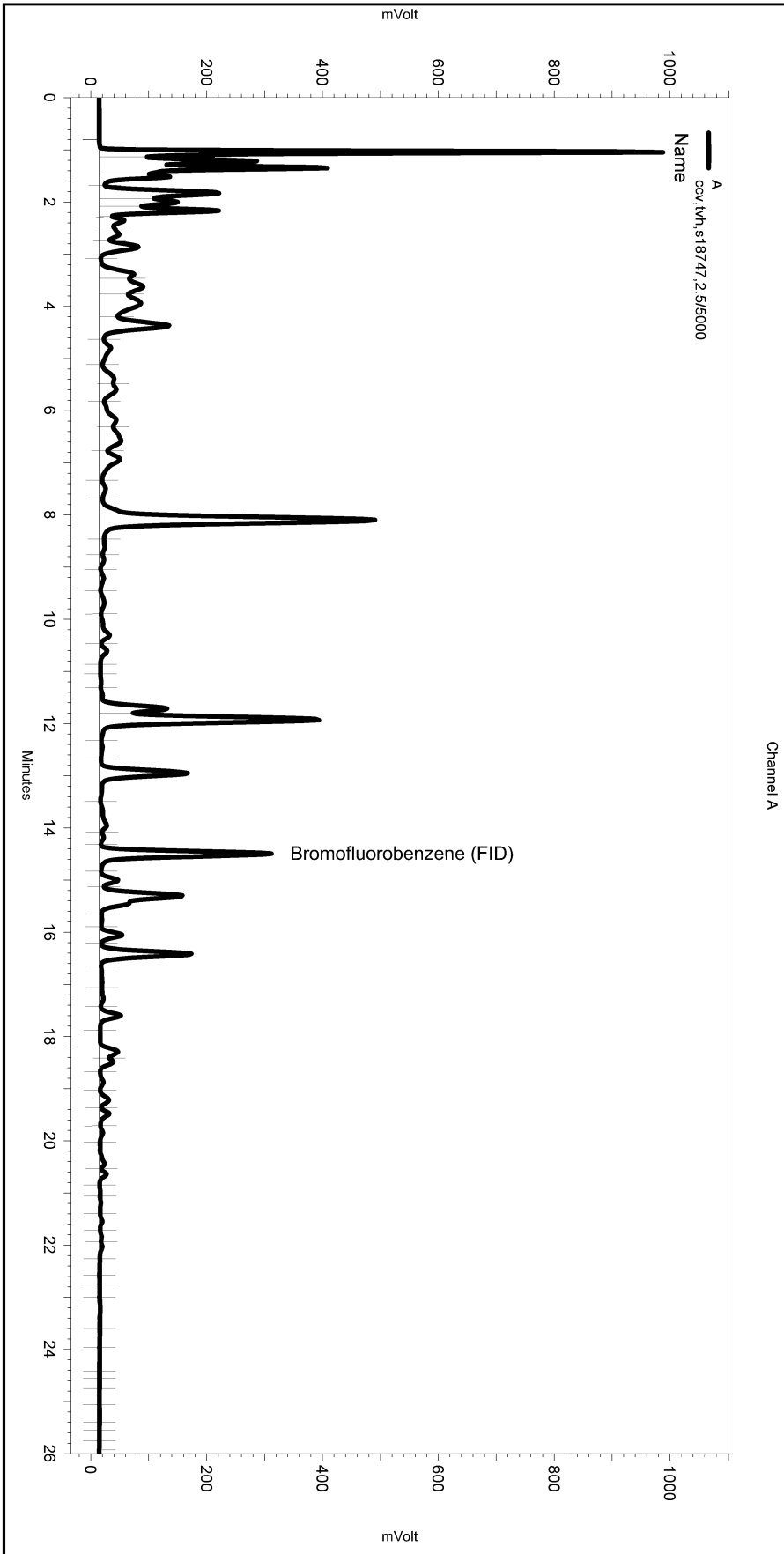
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Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Lowest Point Horizontal Baseline	0	26.017	0



Sequence File: \\Lims\gdrive\ezchrom\Projects\GC04\Sequence\027.seq  
 Sample Name: ccv,tvh,s18747,2.5/5000  
 Data File: \\Lims\gdrive\ezchrom\Projects\GC04\Data\027-001  
 Instrument: GC04 Vial: N/A Operator: lims2k3\tvh3  
 Method Name: \\Lims\gdrive\ezchrom\Projects\GC04\Method\tvhbtxe313r.met

Software Version 3.1.7  
 Run Date: 1/27/2012 3:44:53 PM  
 Analysis Date: 1/27/2012 4:14:22 PM  
 Sample Amount: 5 Multiplier: 5  
 Vial & pH or Core ID: {Data Description}



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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

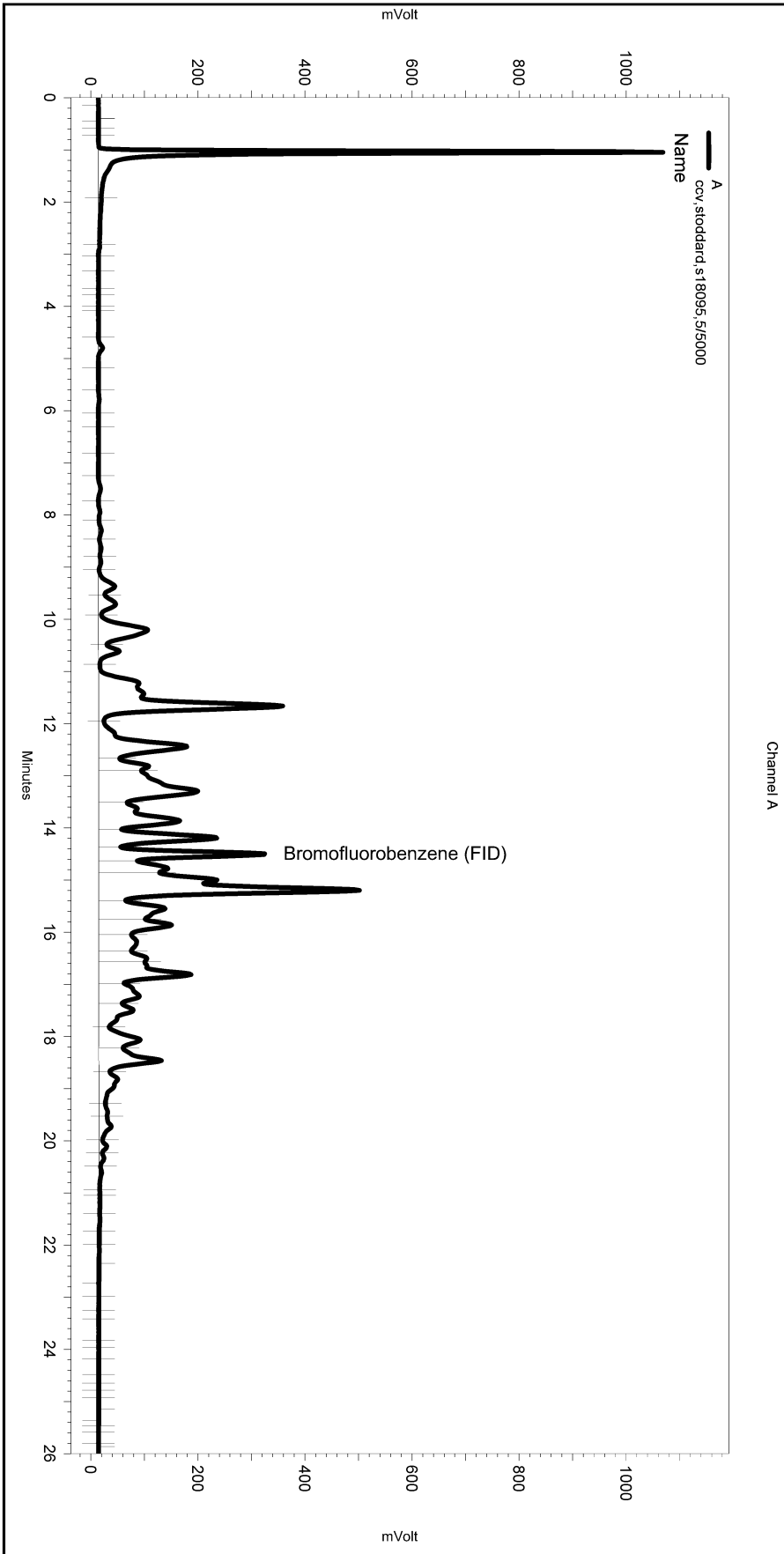
Manual Integration Fixes

Data File: C:\Documents and Settings\All Users\Application  
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Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
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 Sample Name: ccv,stoddard,s18095,5/5000  
 Data File: \\Lims\gdrive\ezchrom\Projects\GC04\Data\027-003  
 Instrument: GC04 Vial: N/A Operator: lims2k3\lvh3  
 Method Name: \\Lims\gdrive\ezchrom\Projects\GC04\Method\lvhbtxe313r.met

Software Version 3.1.7  
 Run Date: 1/27/2012 6:22:23 PM  
 Analysis Date: 1/27/2012 6:51:52 PM  
 Sample Amount: 5 Multiplier: 5  
 Vial & pH or Core ID: {Data Description}



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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

Manual Integration Fixes

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 Data\Instrument.10047\027-003\_68C9.tmp

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
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Total Volatile Hydrocarbons		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8015B
Matrix:	Soil	Sampled: 01/25/12
Units:	mg/Kg	Received: 01/25/12
Basis:	as received	

Field ID: P1-5 Diln Fac: 1.000  
 Type: SAMPLE Batch#: 183273  
 Lab ID: 234017-002 Analyzed: 01/26/12

Analyte	Result	RL
Gasoline C7-C12	ND	0.93
Stoddard Solvent C7-C12	ND	0.93

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	98	61-136

Field ID: P1-14 Diln Fac: 1.000  
 Type: SAMPLE Batch#: 183273  
 Lab ID: 234017-003 Analyzed: 01/26/12

Analyte	Result	RL
Gasoline C7-C12	ND	1.0
Stoddard Solvent C7-C12	ND	1.0

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	105	61-136

Field ID: P2-8 Diln Fac: 1.000  
 Type: SAMPLE Batch#: 183273  
 Lab ID: 234017-005 Analyzed: 01/26/12

Analyte	Result	RL
Gasoline C7-C12	1.1 Y	1.0
Stoddard Solvent C7-C12	ND	1.0

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	106	61-136

Field ID: P2-12 Lab ID: 234017-006  
 Type: SAMPLE

Analyte	Result	RL	Diln Fac	Batch#	Analyzed
Gasoline C7-C12	NA				
Stoddard Solvent C7-C12	630	50	50.00	183358	01/30/12

Surrogate	%REC	Limits	Diln Fac	Batch#	Analyzed
Bromofluorobenzene (FID)	93	61-136	166.7	183308	01/27/12

\*= Value outside of QC limits; see narrative  
 Y= Sample exhibits chromatographic pattern which does not resemble standard  
 NA= Not Analyzed  
 ND= Not Detected  
 RL= Reporting Limit

Total Volatile Hydrocarbons		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8015B
Matrix:	Soil	Sampled: 01/25/12
Units:	mg/Kg	Received: 01/25/12
Basis:	as received	

Field ID: P2-16 Diln Fac: 1.000  
 Type: SAMPLE Batch#: 183273  
 Lab ID: 234017-007 Analyzed: 01/26/12

Analyte	Result	RL
Gasoline C7-C12	ND	1.0
Stoddard Solvent C7-C12	ND	1.0

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	104	61-136

Field ID: P2-20 Diln Fac: 1.000  
 Type: SAMPLE Batch#: 183273  
 Lab ID: 234017-008 Analyzed: 01/26/12

Analyte	Result	RL
Gasoline C7-C12	ND	1.0
Stoddard Solvent C7-C12	ND	1.0

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	104	61-136

Field ID: P3-8 Diln Fac: 1.000  
 Type: SAMPLE Batch#: 183273  
 Lab ID: 234017-010 Analyzed: 01/27/12

Analyte	Result	RL
Gasoline C7-C12	ND	1.0
Stoddard Solvent C7-C12	ND	1.0

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	73	61-136

Field ID: P3-12 Diln Fac: 1.000  
 Type: SAMPLE Batch#: 183273  
 Lab ID: 234017-011 Analyzed: 01/27/12

Analyte	Result	RL
Gasoline C7-C12	ND	0.98
Stoddard Solvent C7-C12	ND	0.98

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	97	61-136

\*= Value outside of QC limits; see narrative  
 Y= Sample exhibits chromatographic pattern which does not resemble standard  
 NA= Not Analyzed  
 ND= Not Detected  
 RL= Reporting Limit

Total Volatile Hydrocarbons		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8015B
Matrix:	Soil	Sampled: 01/25/12
Units:	mg/Kg	Received: 01/25/12
Basis:	as received	

Field ID: P4-8 Diln Fac: 1.000  
 Type: SAMPLE Batch#: 183273  
 Lab ID: 234017-013 Analyzed: 01/27/12

Analyte	Result	RL
Gasoline C7-C12	ND	0.93
Stoddard Solvent C7-C12	ND	0.93

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	104	61-136

Field ID: P4-12 Diln Fac: 1.000  
 Type: SAMPLE Batch#: 183273  
 Lab ID: 234017-014 Analyzed: 01/27/12

Analyte	Result	RL
Gasoline C7-C12	ND	1.0
Stoddard Solvent C7-C12	ND	1.0

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	99	61-136

Field ID: BH6-8 Diln Fac: 1.000  
 Type: SAMPLE Batch#: 183273  
 Lab ID: 234017-016 Analyzed: 01/27/12

Analyte	Result	RL
Gasoline C7-C12	ND	1.0
Stoddard Solvent C7-C12	ND	1.0

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	105	61-136

Field ID: BH6-12 Lab ID: 234017-017  
 Type: SAMPLE

Analyte	Result	RL	Diln Fac	Batch#	Analyzed
Gasoline C7-C12	530 Y	130	125.0	183308	01/27/12
Stoddard Solvent C7-C12	480	50	50.00	183358	01/30/12

Surrogate	%REC	Limits	Diln Fac	Batch#	Analyzed
Bromofluorobenzene (FID)	102	61-136	125.0	183308	01/27/12

\*= Value outside of QC limits; see narrative  
 Y= Sample exhibits chromatographic pattern which does not resemble standard  
 NA= Not Analyzed  
 ND= Not Detected  
 RL= Reporting Limit

Total Volatile Hydrocarbons		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8015B
Matrix:	Soil	Sampled: 01/25/12
Units:	mg/Kg	Received: 01/25/12
Basis:	as received	

Field ID: BH6-16 Diln Fac: 1.000  
 Type: SAMPLE Batch#: 183273  
 Lab ID: 234017-018 Analyzed: 01/27/12

Analyte	Result	RL
Gasoline C7-C12	ND	1.0
Stoddard Solvent C7-C12	ND	1.0

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	104	61-136

Field ID: BH7-8 Diln Fac: 1.000  
 Type: SAMPLE Batch#: 183273  
 Lab ID: 234017-020 Analyzed: 01/27/12

Analyte	Result	RL
Gasoline C7-C12	ND	1.1
Stoddard Solvent C7-C12	ND	1.1

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	101	61-136

Field ID: BH7-12 Diln Fac: 1.000  
 Type: SAMPLE Batch#: 183273  
 Lab ID: 234017-021 Analyzed: 01/27/12

Analyte	Result	RL
Gasoline C7-C12	ND	1.0
Stoddard Solvent C7-C12	ND	1.0

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	102	61-136

Field ID: BH8-8 Diln Fac: 1.000  
 Type: SAMPLE Batch#: 183273  
 Lab ID: 234017-023 Analyzed: 01/27/12

Analyte	Result	RL
Gasoline C7-C12	1.0 Y	0.92
Stoddard Solvent C7-C12	ND	0.92

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	114	61-136

\*= Value outside of QC limits; see narrative  
 Y= Sample exhibits chromatographic pattern which does not resemble standard  
 NA= Not Analyzed  
 ND= Not Detected  
 RL= Reporting Limit







## Batch QC Report

Total Volatile Hydrocarbons		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8015B
Type:	LCS	Diln Fac: 1.000
Lab ID:	QC626618	Batch#: 183273
Matrix:	Soil	Analyzed: 01/26/12
Units:	mg/Kg	

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	1.000	1.063	106	79-120

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	104	61-136

Batch QC Report

Total Volatile Hydrocarbons					
Lab #:	234017	Location:	2145 35th Ave.-Salisbury, Oakland, CA		
Client:	Eagle Env. Construction	Prep:	EPA 5030B		
Project#:	2145 35TH AVENUE	Analysis:	EPA 8015B		
Field ID:	P1-5	Diln Fac:	1.000		
MSS Lab ID:	234017-002	Batch#:	183273		
Matrix:	Soil	Sampled:	01/25/12		
Units:	mg/Kg	Received:	01/25/12		
Basis:	as received	Analyzed:	01/26/12		

Type: MS Lab ID: QC626620

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	0.05677	10.53	11.14	105	31-120

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	110	61-136

Type: MSD Lab ID: QC626621

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	9.259	9.872	106	31-120	1	57

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	124	61-136

RPD= Relative Percent Difference

## Batch QC Report

Total Volatile Hydrocarbons		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8015B
Type:	LCS	Diln Fac: 1.000
Lab ID:	QC626789	Batch#: 183308
Matrix:	Soil	Analyzed: 01/27/12
Units:	mg/Kg	

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	1.000	0.9993	100	79-120

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	85	61-136

Batch QC Report

Total Volatile Hydrocarbons		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8015B
Field ID:	ZZZZZZZZZZ	Diln Fac: 1.000
MSS Lab ID:	234051-001	Batch#: 183308
Matrix:	Soil	Sampled: 01/27/12
Units:	mg/Kg	Received: 01/27/12
Basis:	as received	Analyzed: 01/27/12

Type: MS Lab ID: QC626791

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	0.8031	10.31	8.437	74	31-120

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	89	61-136

Type: MSD Lab ID: QC626792

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	9.709	7.789	72	31-120	2	57

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	89	61-136

RPD= Relative Percent Difference

## Batch QC Report

Total Volatile Hydrocarbons		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8015B
Matrix:	Soil	Batch#: 183358
Units:	mg/Kg	Analyzed: 01/30/12
Diln Fac:	1.000	

Type: BS Lab ID: QC626988

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	1.000	1.083	108	79-120

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	119	61-136

Type: BSD Lab ID: QC626989

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	1.000	1.228	123 *	79-120	13	22

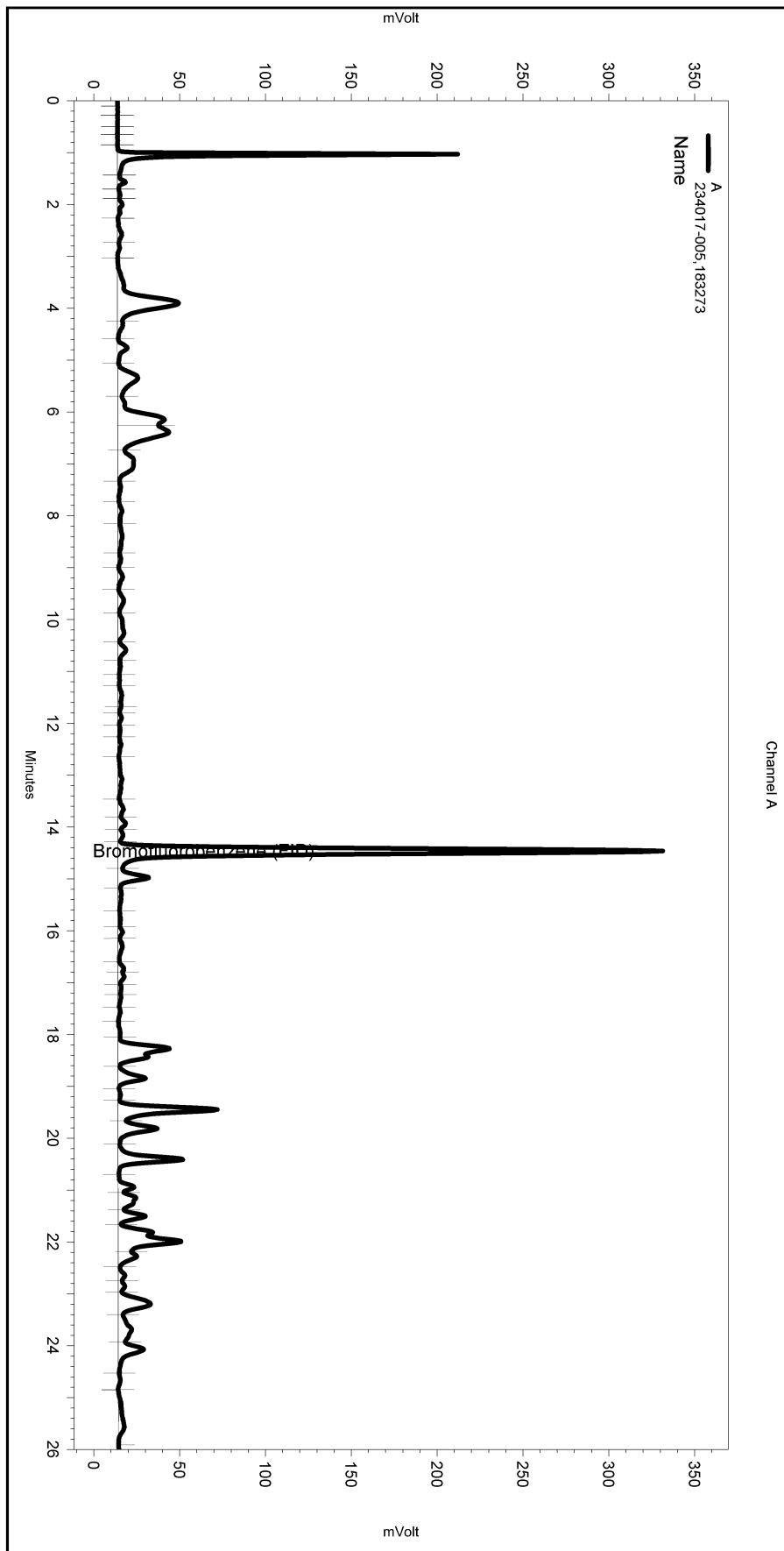
Surrogate	%REC	Limits
Bromofluorobenzene (FID)	125	61-136

\*= Value outside of QC limits; see narrative

RPD= Relative Percent Difference

Sequence File: \\Lims\gdrive\ezchrom\Projects\GC04\Sequence\026.seq  
 Sample Name: 234017-005,183273  
 Data File: \\Lims\gdrive\ezchrom\Projects\GC04\Data\026-010  
 Instrument: GC04 Vial: N/A Operator: lims2k3\lvh3  
 Method Name: \\Lims\gdrive\ezchrom\Projects\GC04\Method\lvhbx313r.met

Software Version 3.1.7  
 Run Date: 1/26/2012 8:22:04 PM  
 Analysis Date: 1/26/2012 8:51:34 PM  
 Sample Amount: 0.98 Multiplier: 0.98  
 Vial & pH or Core ID: b



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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
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Yes	Threshold	0	0	50

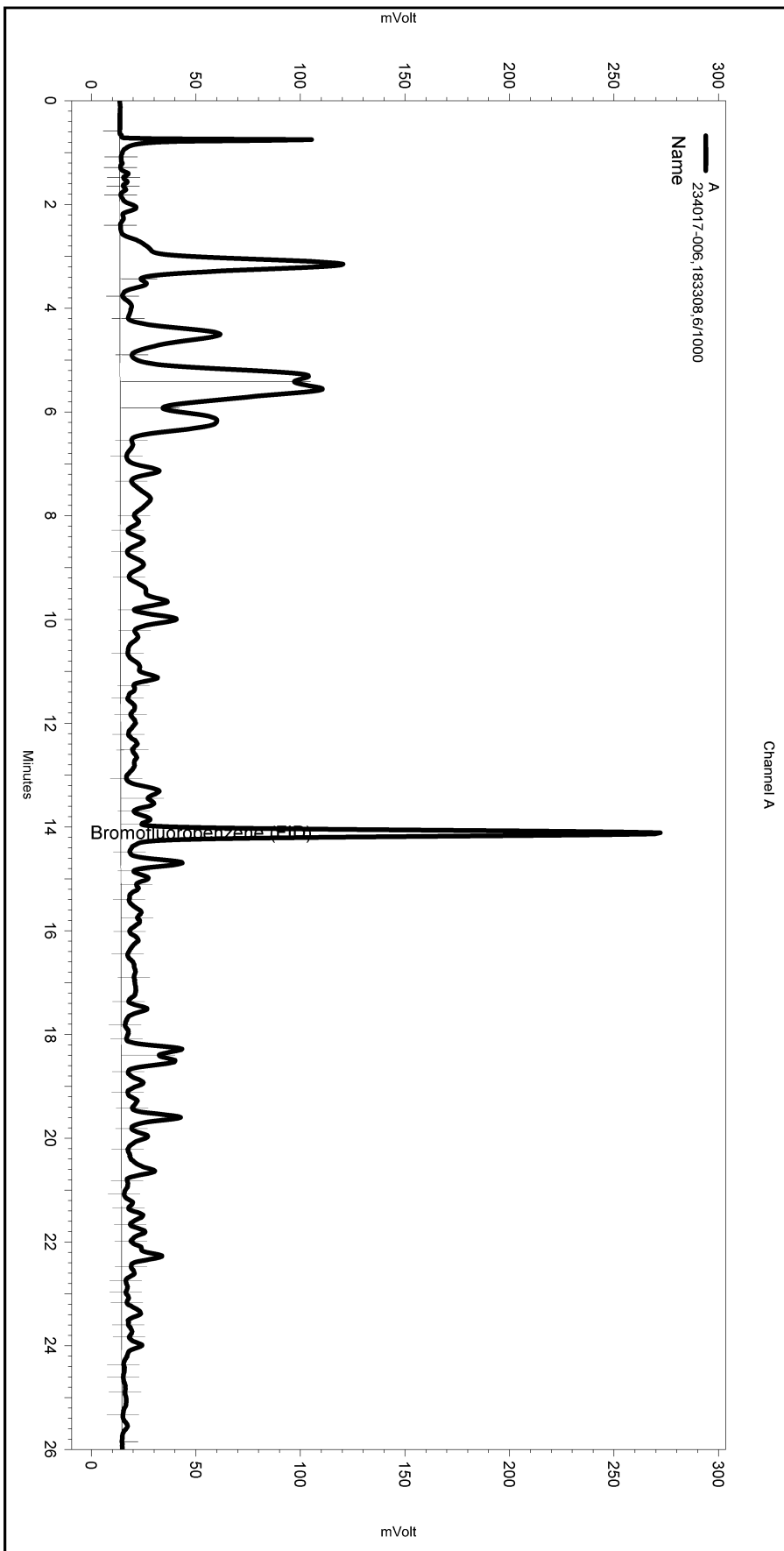
Manual Integration Fixes

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Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
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Sequence File: \\Lims\gdrive\ezchrom\Projects\GC05\Sequence\027.seq  
 Sample Name: 234017-006,183308,6/1000  
 Data File: \\Lims\gdrive\ezchrom\Projects\GC05\Data\027-018  
 Instrument: GC05 Vial: N/A Operator: lims2k3\tvh3  
 Method Name: \\Lims\gdrive\ezchrom\Projects\GC05\Method\tvhbtxe012.met

Software Version 3.1.7  
 Run Date: 1/27/2012 11:05:44 PM  
 Analysis Date: 1/27/2012 11:34:28 PM  
 Sample Amount: 1 Multiplier: 1  
 Vial & pH or Core ID: b



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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

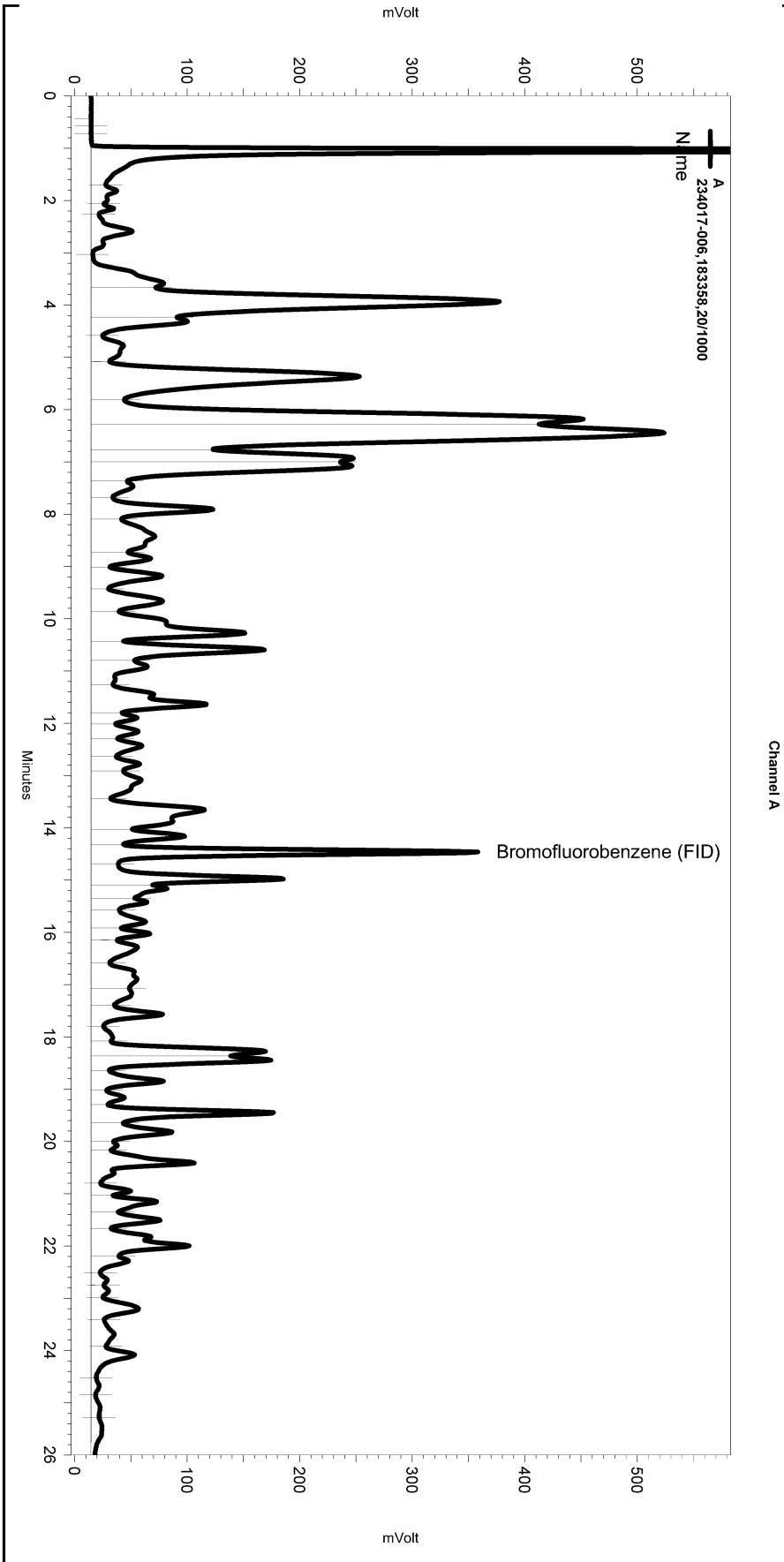
Manual Integration Fixes

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 Data\Instrument.10048\027-018\_C71A.tmp

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
None				

Sequence File: \\Lims\gdrive\ezchrom\Projects\GC04\Sequence\030.seq  
 Sample Name: 234017-006,183358,20/1000  
 Data File: \\Lims\gdrive\ezchrom\Projects\GC04\Data\030-006  
 Instrument: GC04 (Offline) Vial: N/A Operator: Tvh 1. Analyst (lims2k3\tvh1)  
 Method Name: \\Lims\gdrive\ezchrom\Projects\GC04\Method\TVHBTX313r.met

Software Version 3.1.7  
 Run Date: 1/30/2012 7:22:41 PM  
 Analysis Date: 1/31/2012 11:39:11 AM  
 Sample Amount: 1 Multiplier: 1  
 Vial & pH or Core ID: b



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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

Manual Integration Fixes

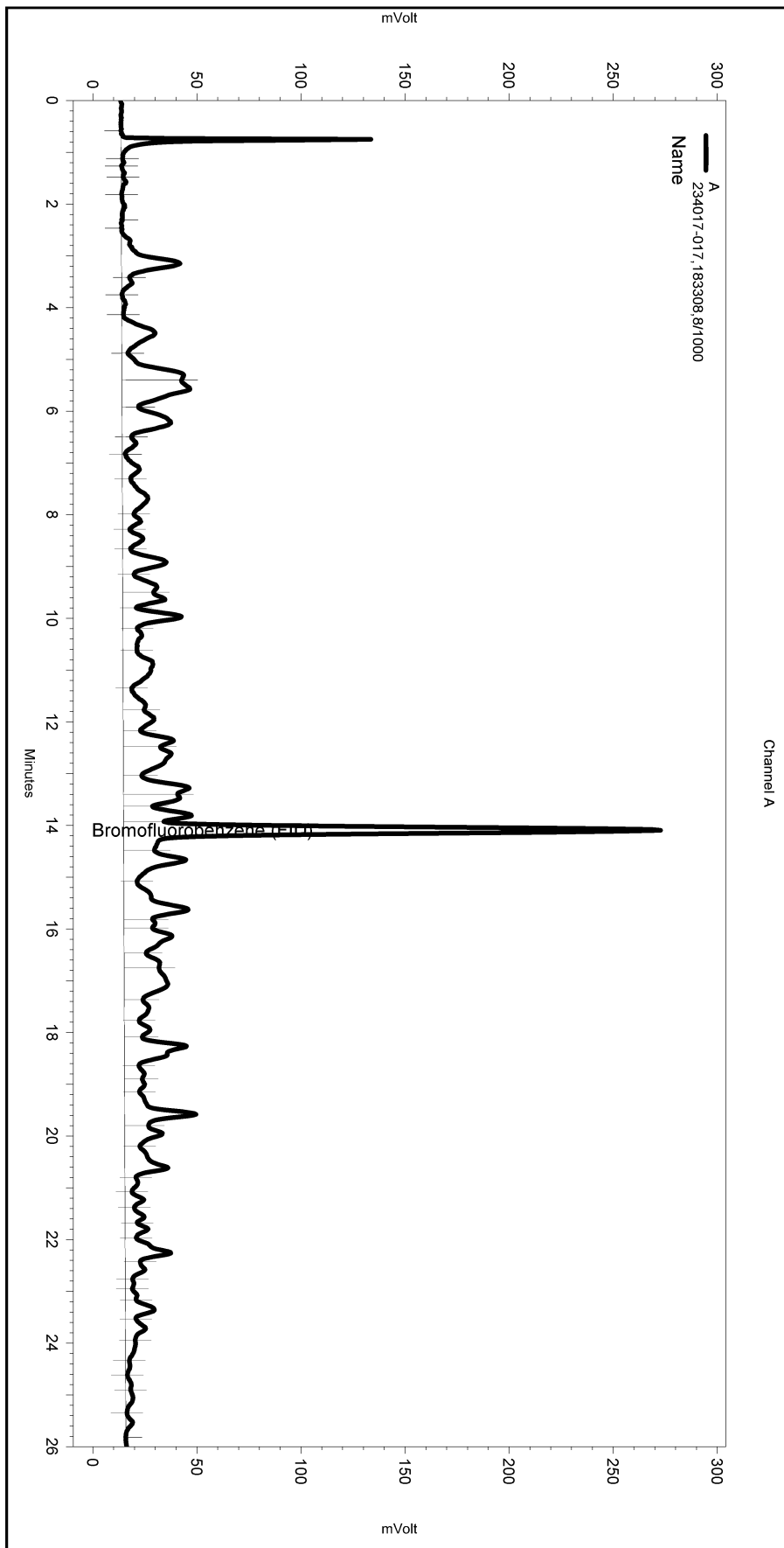
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Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
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 Instrument: GC05 Vial: N/A Operator: lims2k3\tvh3  
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Software Version 3.1.7  
 Run Date: 1/27/2012 11:42:23 PM  
 Analysis Date: 1/28/2012 12:11:07 AM  
 Sample Amount: 1 Multiplier: 1  
 Vial & pH or Core ID: b



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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

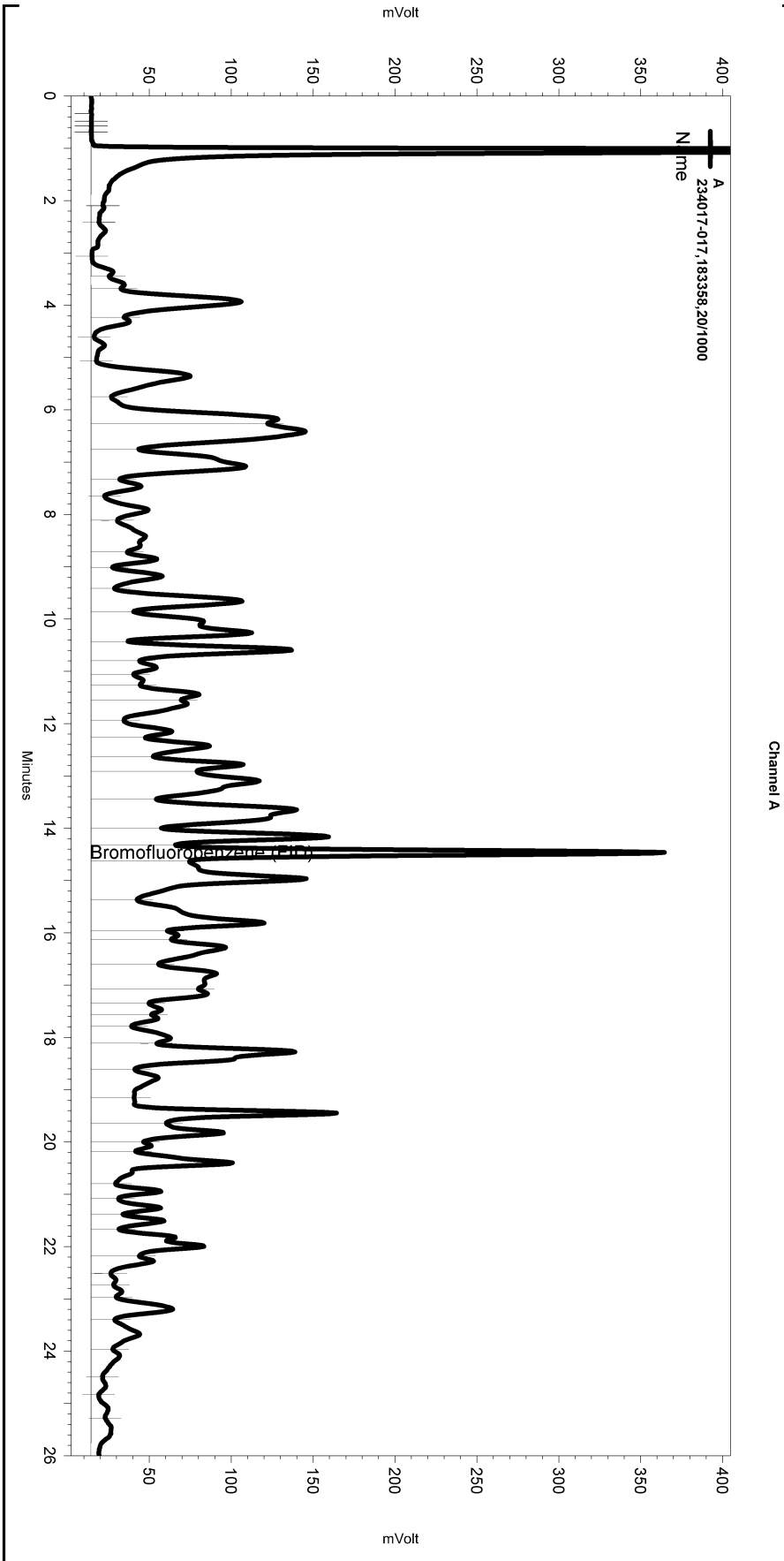
Manual Integration Fixes

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 Data\Instrument.10048\027-019\_C71B.tmp

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
None				

Sequence File: \\Lims\gdrive\ezchrom\Projects\GC04\Sequence\030.seq  
 Sample Name: 234017-017,183358,20/1000  
 Data File: \\Lims\gdrive\ezchrom\Projects\GC04\Data\030-007  
 Instrument: GC04 (Offline) Vial: N/A Operator: Tvh 1. Analyst (lims2k3\tvh1)  
 Method Name: \\Lims\gdrive\ezchrom\Projects\GC04\Method\tvhbtxe313r.met

Software Version 3.1.7  
 Run Date: 1/30/2012 8:00:17 PM  
 Analysis Date: 1/31/2012 11:39:52 AM  
 Sample Amount: 1 Multiplier: 1  
 Vial & pH or Core ID: b



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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
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Yes	Threshold	0	0	50

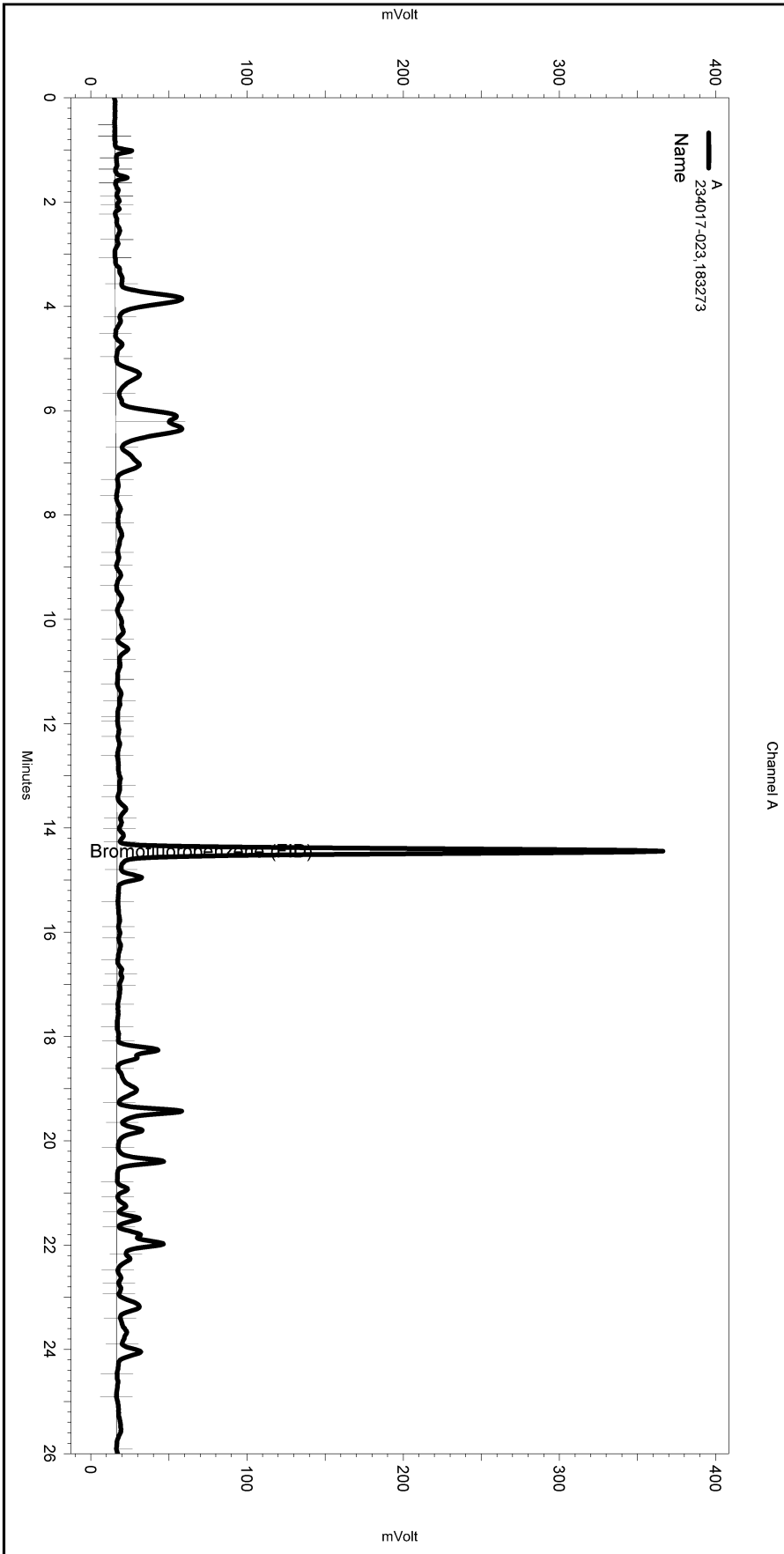
Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC04\Data\030-007

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Lowest Point Horizontal Baseline	0	26.017	0

Sequence File: \\Lims\gdrive\ezchrom\Projects\GC04\Sequence\026.seq  
 Sample Name: 234017-023,183273  
 Data File: \\Lims\gdrive\ezchrom\Projects\GC04\Data\026-029  
 Instrument: GC04 Vial: N/A Operator: lims2k3\lvh3  
 Method Name: \\Lims\gdrive\ezchrom\Projects\GC04\Method\lvhbx313r.met

Software Version 3.1.7  
 Run Date: 1/27/2012 10:22:21 AM  
 Analysis Date: 1/27/2012 10:51:49 AM  
 Sample Amount: 1.09 Multiplier: 1.09  
 Vial & pH or Core ID: b



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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
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Yes	Threshold	0	0	50

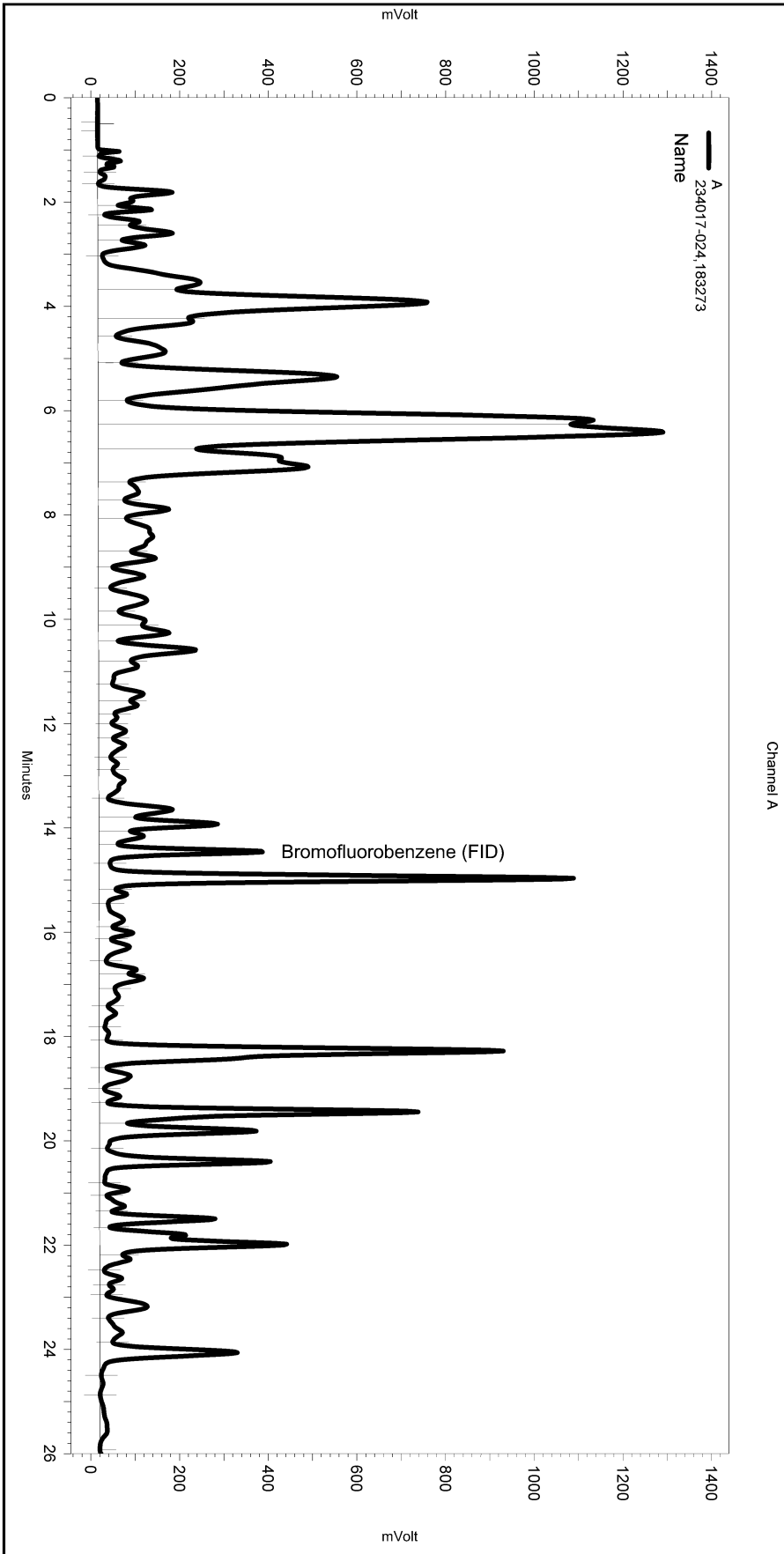
Manual Integration Fixes

Data File: C:\Documents and Settings\All Users\Application  
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 Data\Instrument.10047\026-029\_68BF.tmp

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
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Sequence File: \\Lims\gdrive\ezchrom\Projects\GC04\Sequence\026.seq  
 Sample Name: 234017-024,183273  
 Data File: \\Lims\gdrive\ezchrom\Projects\GC04\Data\026-030  
 Instrument: GC04 Vial: N/A Operator: lims2k3\lvh3  
 Method Name: \\Lims\gdrive\ezchrom\Projects\GC04\Method\lvhbtxe313r.met

Software Version 3.1.7  
 Run Date: 1/27/2012 11:00:05 AM  
 Analysis Date: 1/27/2012 11:29:33 AM  
 Sample Amount: 1.03 Multiplier: 1.03  
 Vial & pH or Core ID: b



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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

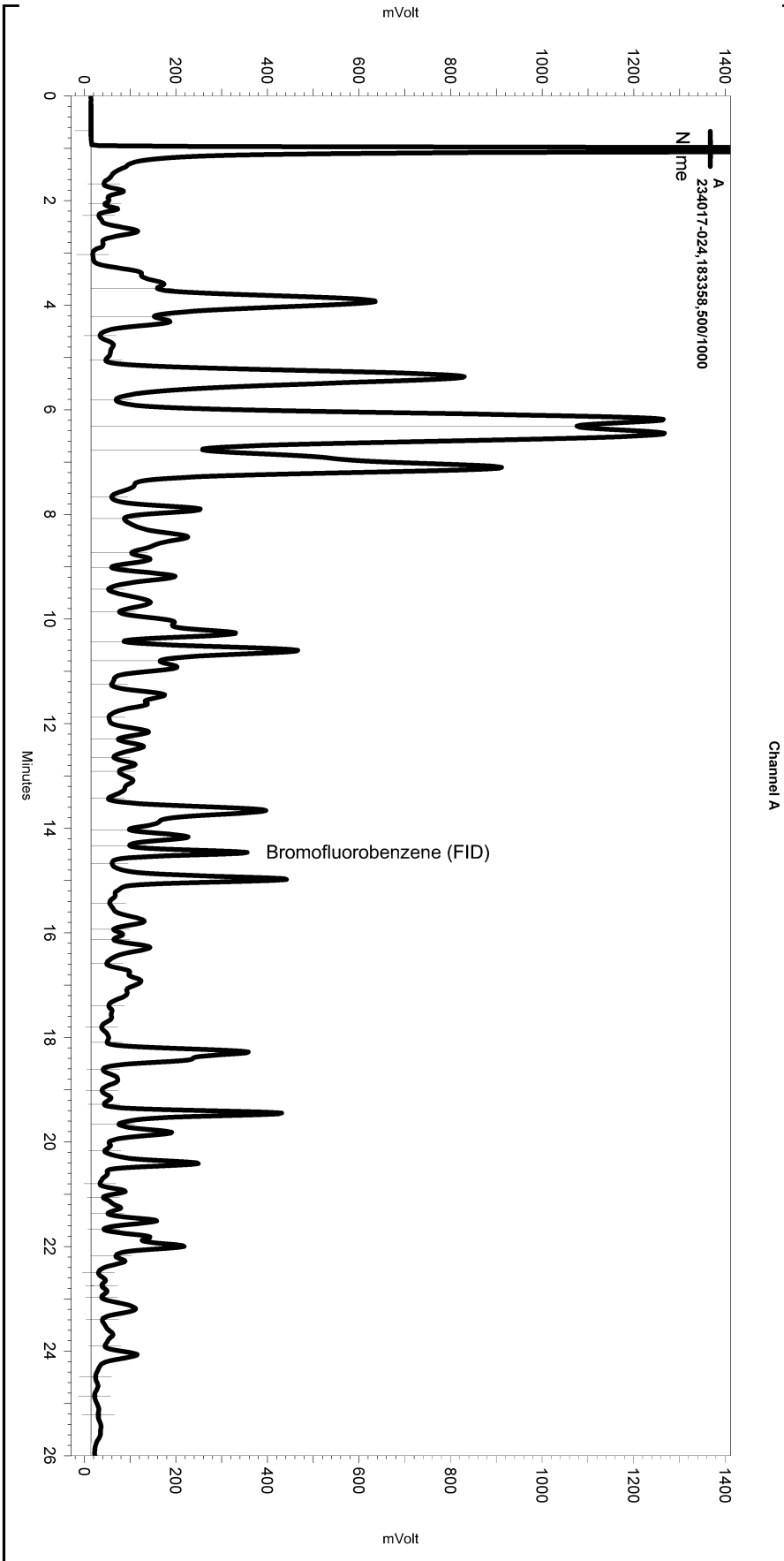
Manual Integration Fixes

Data File: C:\Documents and Settings\All Users\Application  
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 Data\Instrument.10047\026-030\_68C0.tmp

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
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Sequence File: \\Lims\gdrive\ezchrom\Projects\GC04\Sequence\030.seq  
 Sample Name: 234017-024,183358,500/1000  
 Data File: \\Lims\gdrive\ezchrom\Projects\GC04\Data\030-008  
 Instrument: GC04 (Offline) Vial: N/A Operator: Tvh 1. Analyst (lims2k3\tvh1)  
 Method Name: \\Lims\gdrive\ezchrom\Projects\GC04\Method\tvhbtxe313r.met

Software Version 3.1.7  
 Run Date: 1/30/2012 8:37:54 PM  
 Analysis Date: 1/31/2012 11:40:08 AM  
 Sample Amount: 1 Multiplier: 1  
 Vial & pH or Core ID: b



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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

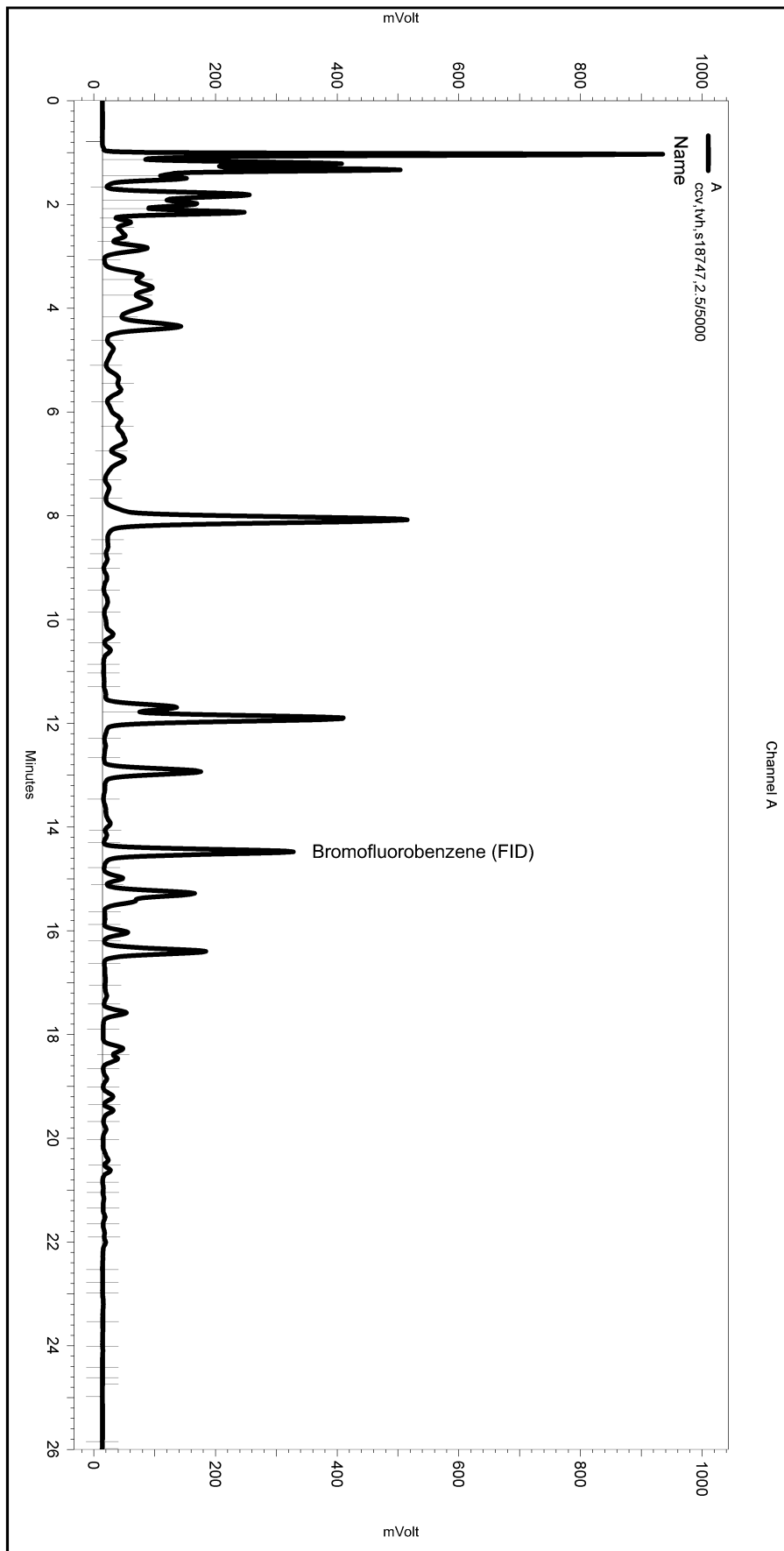
Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC04\Data\030-008

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Lowest Point Horizontal Baseli	0	26.017	0

Sequence File: \\Lims\gdrive\ezchrom\Projects\GC04\Sequence\026.seq  
 Sample Name: ccv,tvh,s18747,2.5/5000  
 Data File: \\Lims\gdrive\ezchrom\Projects\GC04\Data\026-003  
 Instrument: GC04 Vial: N/A Operator: lims2k3\tvh3  
 Method Name: \\Lims\gdrive\ezchrom\Projects\GC04\Method\tvhbtxe313r.met

Software Version 3.1.7  
 Run Date: 1/26/2012 11:44:58 AM  
 Analysis Date: 1/26/2012 12:14:29 PM  
 Sample Amount: 5 Multiplier: 5  
 Vial & pH or Core ID: {Data Description}



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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

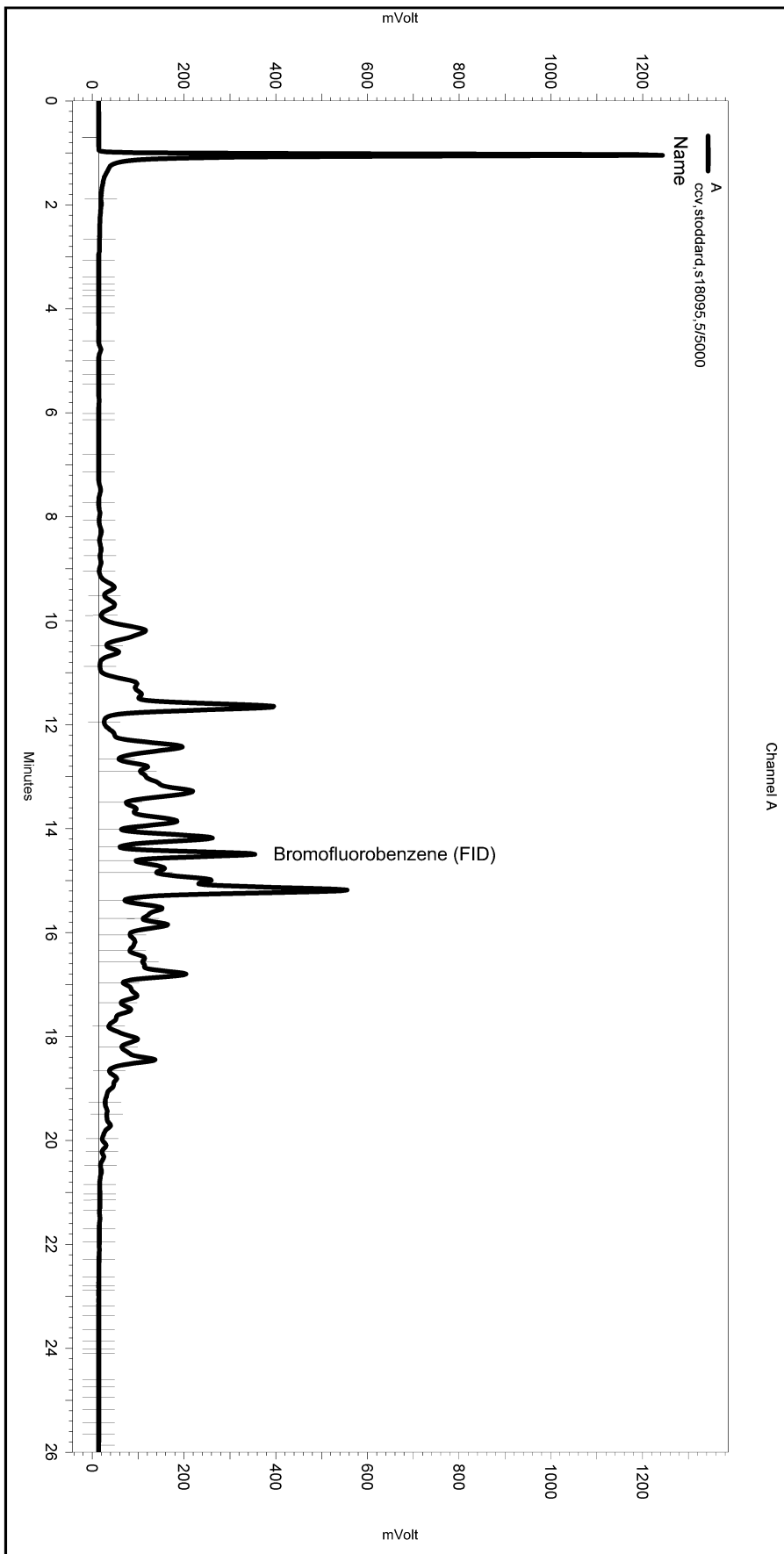
Manual Integration Fixes

Data File: C:\Documents and Settings\All Users\Application  
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 Data\Instrument.10047\026-003\_68A4.tmp

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
None				

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 Sample Name: ccv,stoddard,s18095,5/5000  
 Data File: \\Lims\gdrive\ezchrom\Projects\GC04\Data\026-004  
 Instrument: GC04 Vial: N/A Operator: lims2k3\lvh3  
 Method Name: \\Lims\gdrive\ezchrom\Projects\GC04\Method\lvhbtxe313r.met

Software Version 3.1.7  
 Run Date: 1/26/2012 12:57:37 PM  
 Analysis Date: 1/26/2012 1:27:05 PM  
 Sample Amount: 5 Multiplier: 5  
 Vial & pH or Core ID: {Data Description}



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 ---< General Method Parameters >-----  
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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

Manual Integration Fixes

Data File: C:\Documents and Settings\All Users\Application  
 Data\ChromatographySystem\Recovery  
 Data\Instrument.10047\026-004\_68A5.tmp

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
None				







## Batch QC Report

Total Extractable Hydrocarbons		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 3520C
Project#:	2145 35TH AVENUE	Analysis: EPA 8015B
Matrix:	Water	Batch#: 183320
Units:	ug/L	Prepared: 01/27/12
Diln Fac:	1.000	Analyzed: 01/29/12

Type: BS Cleanup Method: EPA 3630C  
 Lab ID: QC626846

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	2,500	2,390	96	59-120

Surrogate	%REC	Limits
o-Terphenyl	104	61-129

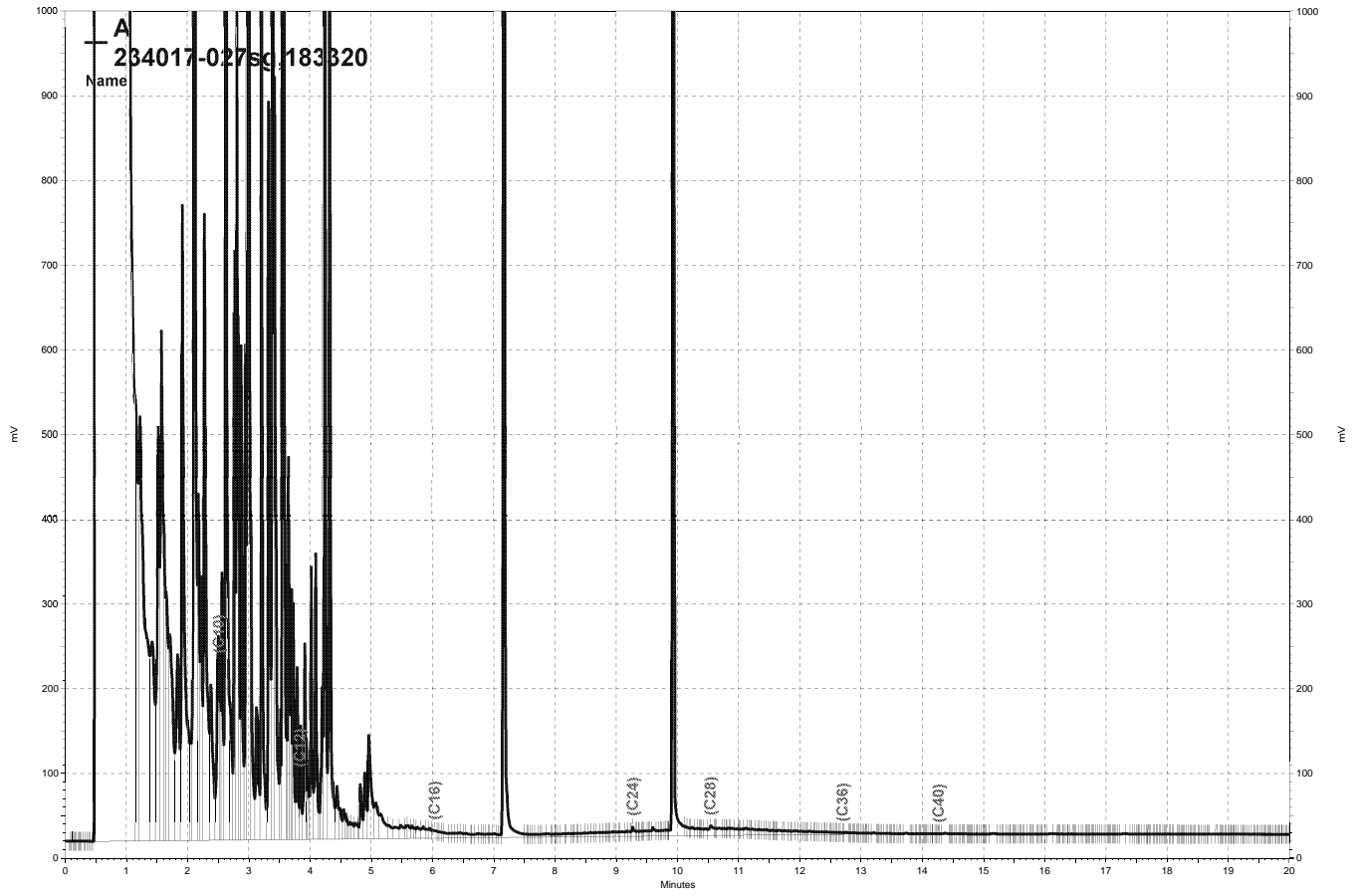
Type: BSD Cleanup Method: EPA 3630C  
 Lab ID: QC626847

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	2,500	2,202	88	59-120	8	52

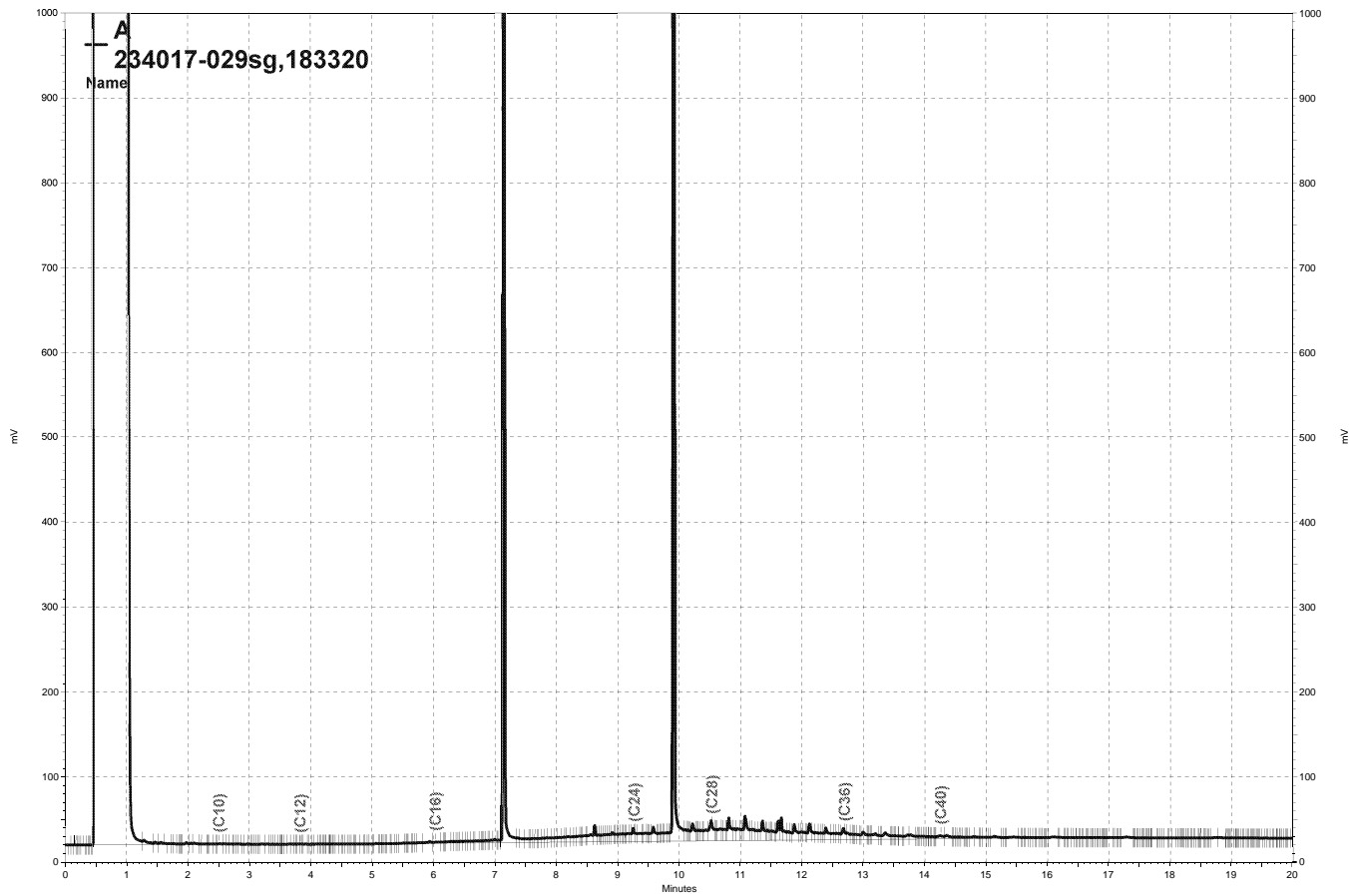
  

Surrogate	%REC	Limits
o-Terphenyl	91	61-129

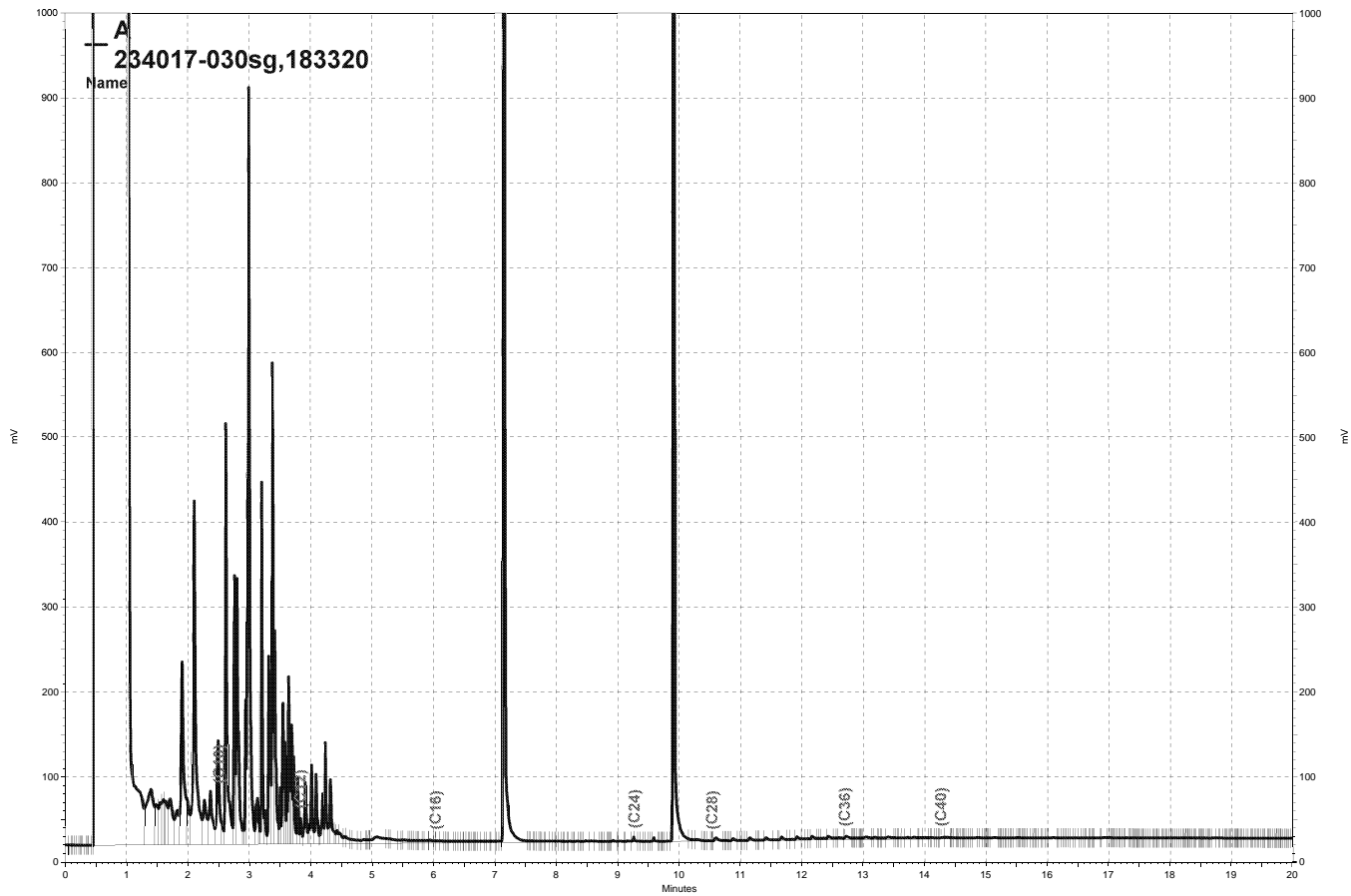
RPD= Relative Percent Difference



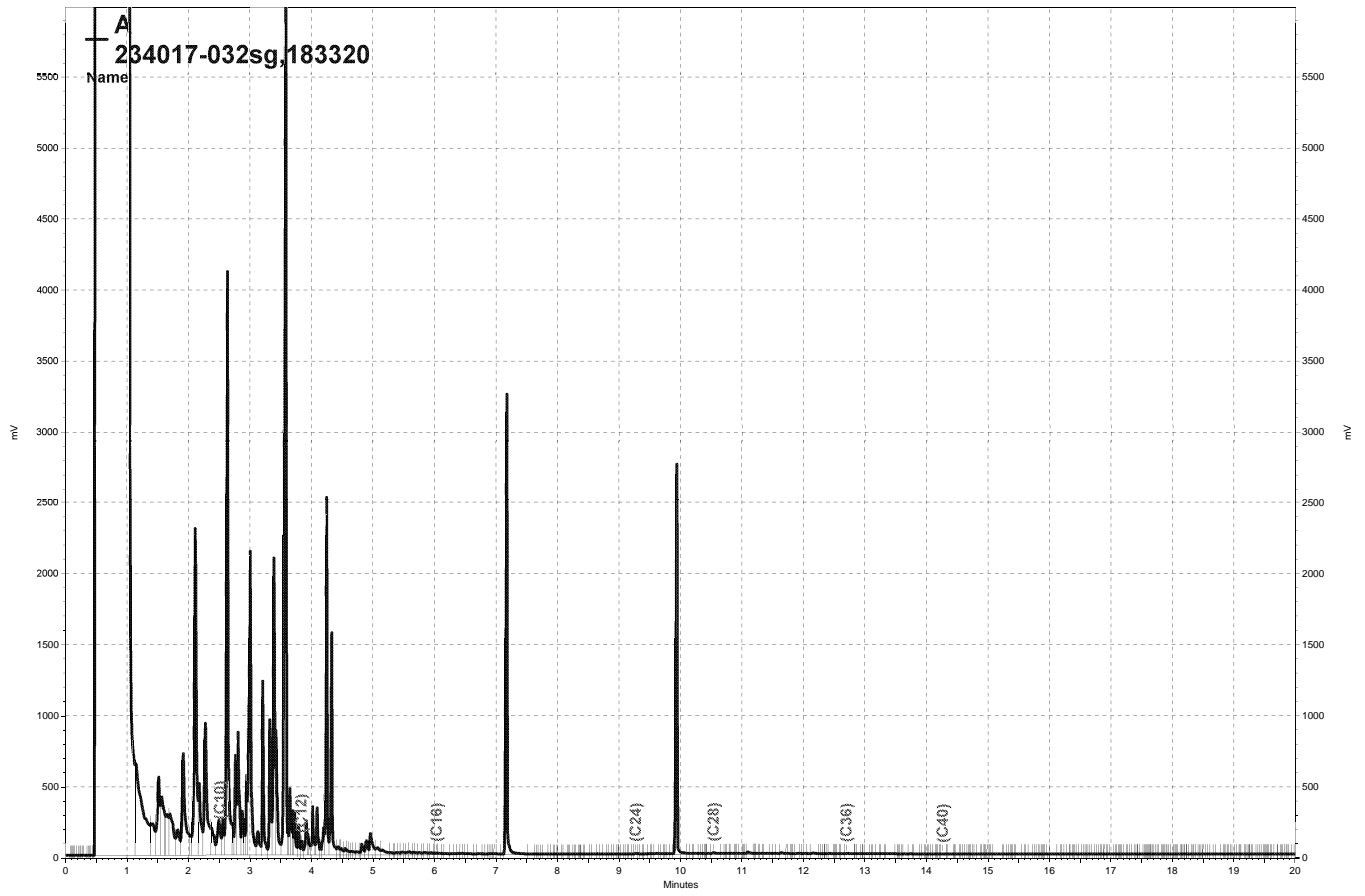
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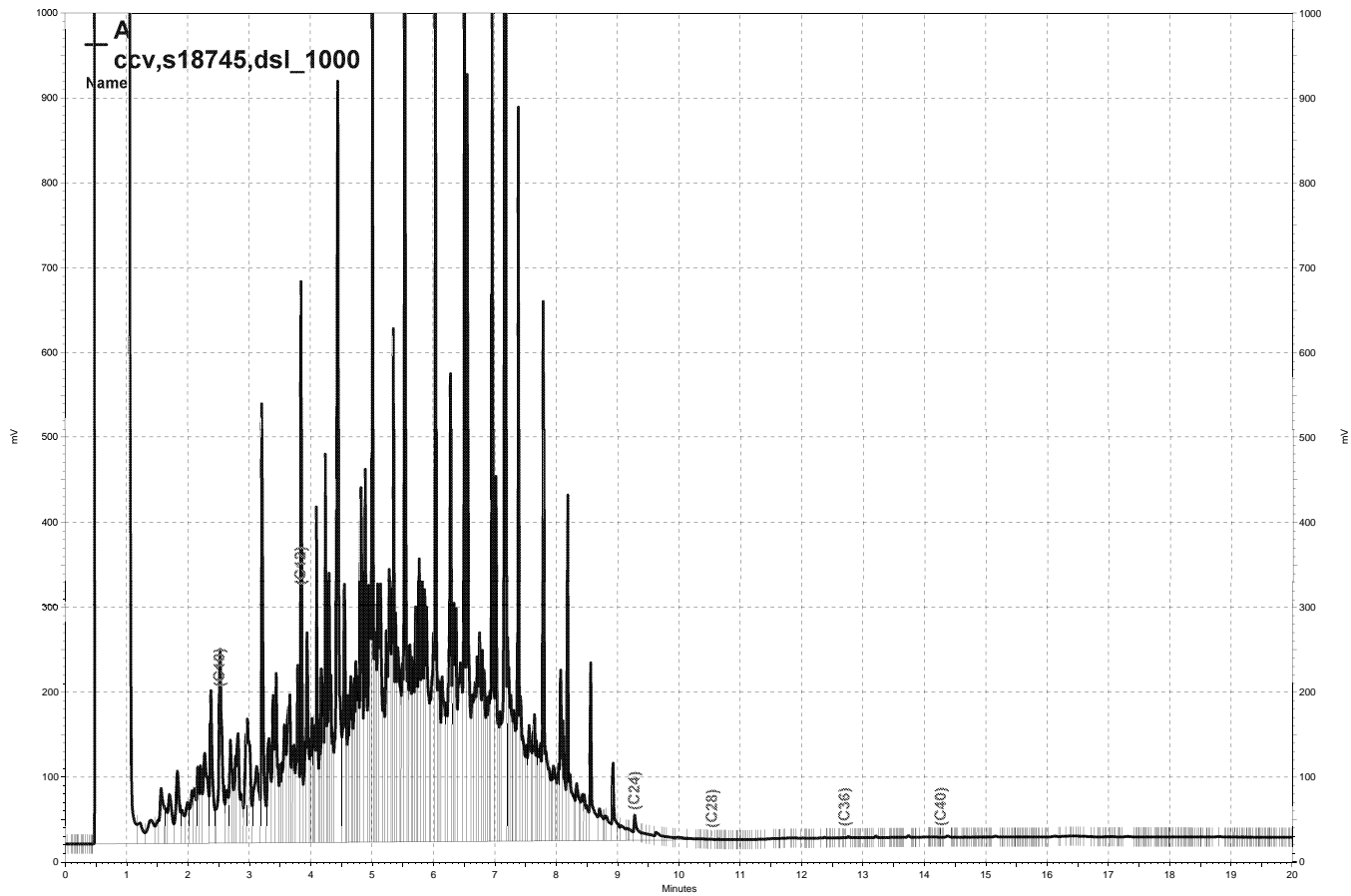
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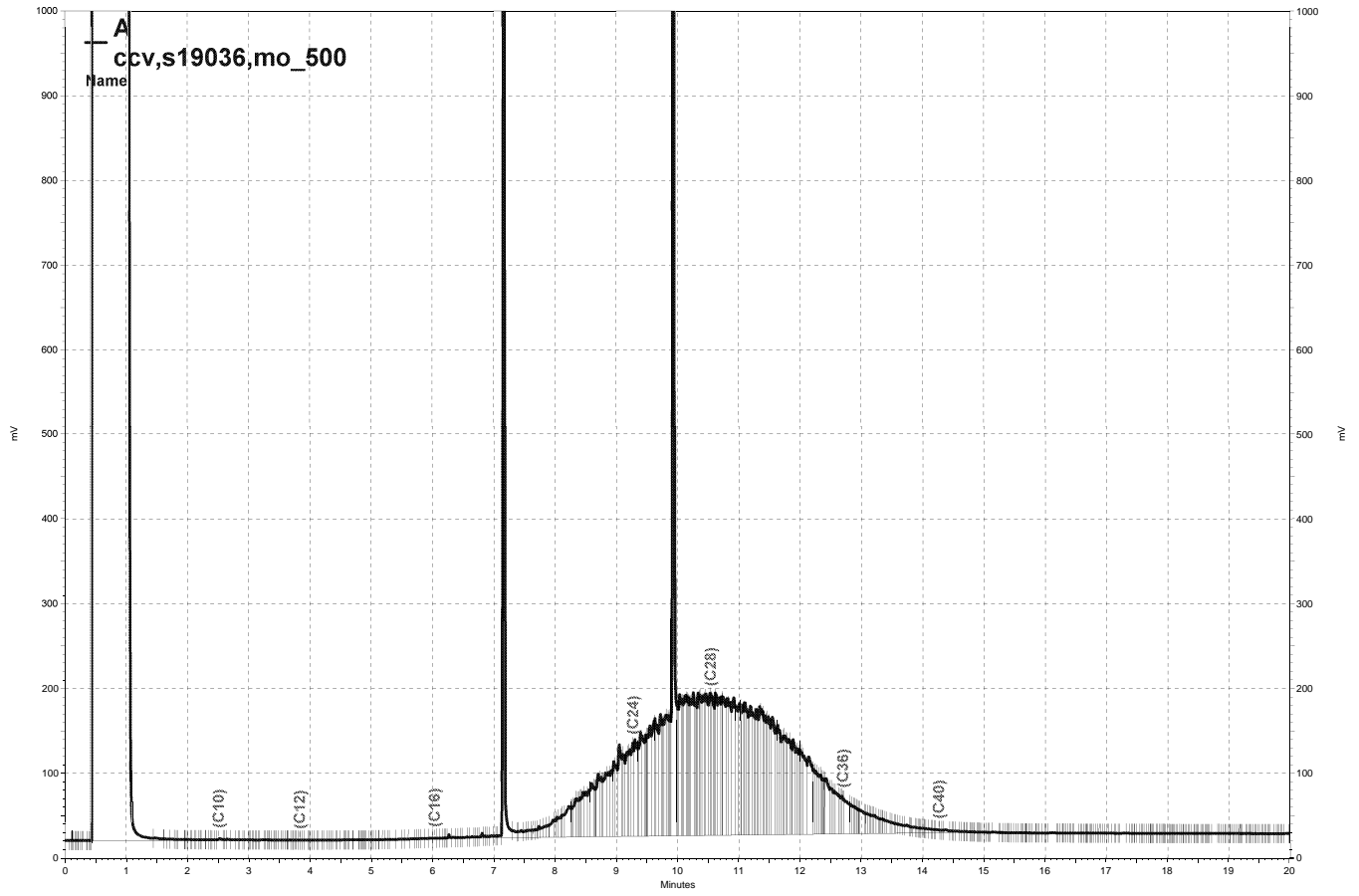
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— \\Lims\gdrive\ezchrom\Projects\GC17A\Data\029a004, A



Total Extractable Hydrocarbons		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: SHAKER TABLE
Project#:	2145 35TH AVENUE	Analysis: EPA 8015B
Matrix:	Soil	Batch#: 183251
Units:	mg/Kg	Sampled: 01/25/12
Basis:	as received	Received: 01/25/12
Diln Fac:	1.000	Prepared: 01/26/12

Field ID: P1-5 Analyzed: 01/26/12  
 Type: SAMPLE Cleanup Method: EPA 3630C  
 Lab ID: 234017-002

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	68	49-128

Field ID: P1-14 Analyzed: 01/26/12  
 Type: SAMPLE Cleanup Method: EPA 3630C  
 Lab ID: 234017-003

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	74	49-128

Field ID: P2-8 Analyzed: 01/26/12  
 Type: SAMPLE Cleanup Method: EPA 3630C  
 Lab ID: 234017-005

Analyte	Result	RL
Diesel C10-C24	17 Y	0.99
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	87	49-128

Field ID: P2-12 Analyzed: 01/26/12  
 Type: SAMPLE Cleanup Method: EPA 3630C  
 Lab ID: 234017-006

Analyte	Result	RL
Diesel C10-C24	140 Y	1.0
Motor Oil C24-C36	26	5.0

Surrogate	%REC	Limits
o-Terphenyl	68	49-128

Y= Sample exhibits chromatographic pattern which does not resemble standard  
 ND= Not Detected  
 RL= Reporting Limit





Total Extractable Hydrocarbons		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: SHAKER TABLE
Project#:	2145 35TH AVENUE	Analysis: EPA 8015B
Matrix:	Soil	Batch#: 183251
Units:	mg/Kg	Sampled: 01/25/12
Basis:	as received	Received: 01/25/12
Diln Fac:	1.000	Prepared: 01/26/12

Field ID: BH6-16 Analyzed: 01/27/12  
 Type: SAMPLE Cleanup Method: EPA 3630C  
 Lab ID: 234017-018

Analyte	Result	RL
Diesel C10-C24	2.1 Y	0.99
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	74	49-128

Field ID: BH7-8 Analyzed: 01/27/12  
 Type: SAMPLE Cleanup Method: EPA 3630C  
 Lab ID: 234017-020

Analyte	Result	RL
Diesel C10-C24	2.4 Y	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	89	49-128

Field ID: BH7-12 Analyzed: 01/27/12  
 Type: SAMPLE Cleanup Method: EPA 3630C  
 Lab ID: 234017-021

Analyte	Result	RL
Diesel C10-C24	2.3 Y	0.99
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	82	49-128

Field ID: BH8-8 Analyzed: 01/27/12  
 Type: SAMPLE Cleanup Method: EPA 3630C  
 Lab ID: 234017-023

Analyte	Result	RL
Diesel C10-C24	1.8 Y	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	71	49-128

Y= Sample exhibits chromatographic pattern which does not resemble standard  
 ND= Not Detected  
 RL= Reporting Limit

Total Extractable Hydrocarbons		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: SHAKER TABLE
Project#:	2145 35TH AVENUE	Analysis: EPA 8015B
Matrix:	Soil	Batch#: 183251
Units:	mg/Kg	Sampled: 01/25/12
Basis:	as received	Received: 01/25/12
Diln Fac:	1.000	Prepared: 01/26/12

Field ID: BH8-12 Analyzed: 01/27/12  
 Type: SAMPLE Cleanup Method: EPA 3630C  
 Lab ID: 234017-024

Analyte	Result	RL
Diesel C10-C24	62 Y	1.0
Motor Oil C24-C36	7.3	5.0

Surrogate	%REC	Limits
o-Terphenyl	75	49-128

Field ID: BH8-16 Analyzed: 01/27/12  
 Type: SAMPLE Cleanup Method: EPA 3630C  
 Lab ID: 234017-025

Analyte	Result	RL
Diesel C10-C24	3.2 Y	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	73	49-128

Type: BLANK Analyzed: 01/26/12  
 Lab ID: QC626537 Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	103	49-128

Y= Sample exhibits chromatographic pattern which does not resemble standard  
 ND= Not Detected  
 RL= Reporting Limit

## Batch QC Report

Total Extractable Hydrocarbons		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: SHAKER TABLE
Project#:	2145 35TH AVENUE	Analysis: EPA 8015B
Type:	LCS	Diln Fac: 1.000
Lab ID:	QC626538	Batch#: 183251
Matrix:	Soil	Prepared: 01/26/12
Units:	mg/Kg	Analyzed: 01/26/12

Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	50.28	44.39	88	47-132

Surrogate	%REC	Limits
o-Terphenyl	91	49-128

## Batch QC Report

Total Extractable Hydrocarbons					
Lab #:	234017	Location:	2145 35th Ave.-Salisbury, Oakland, CA		
Client:	Eagle Env. Construction	Prep:	SHAKER TABLE		
Project#:	2145 35TH AVENUE	Analysis:	EPA 8015B		
Field ID:	P2-16	Batch#:	183251		
MSS Lab ID:	234017-007	Sampled:	01/25/12		
Matrix:	Soil	Received:	01/25/12		
Units:	mg/Kg	Prepared:	01/26/12		
Basis:	as received	Analyzed:	01/26/12		
Diln Fac:	1.000				

Type: MS Cleanup Method: EPA 3630C  
 Lab ID: QC626539

Analyte	MSS Result	Spiked	Result	%REC	Limits
Diesel C10-C24	0.1549	49.71	35.50	71	32-143

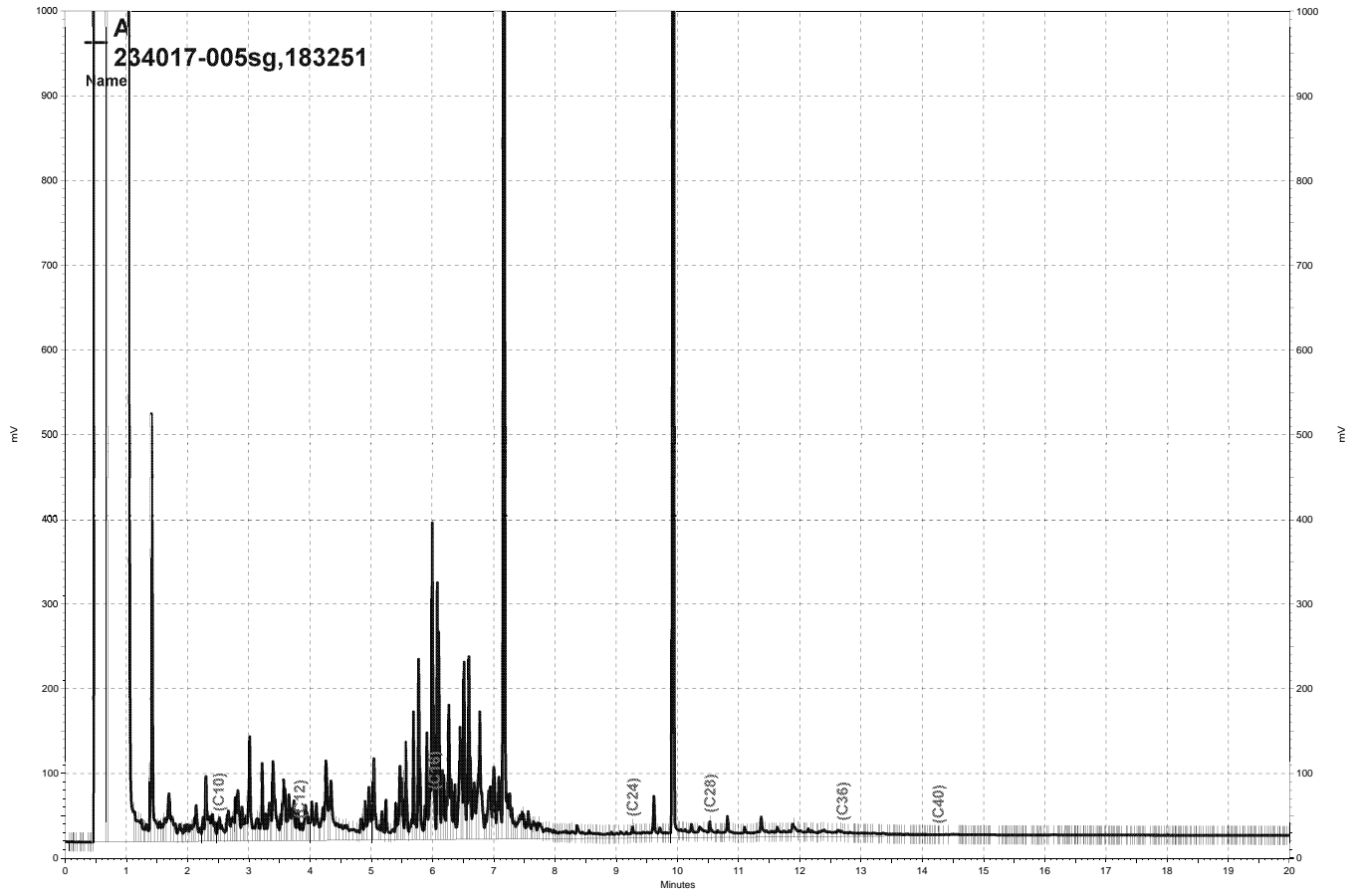
Surrogate	%REC	Limits
o-Terphenyl	72	49-128

Type: MSD Cleanup Method: EPA 3630C  
 Lab ID: QC626540

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	50.39	42.16	83	32-143	16	54

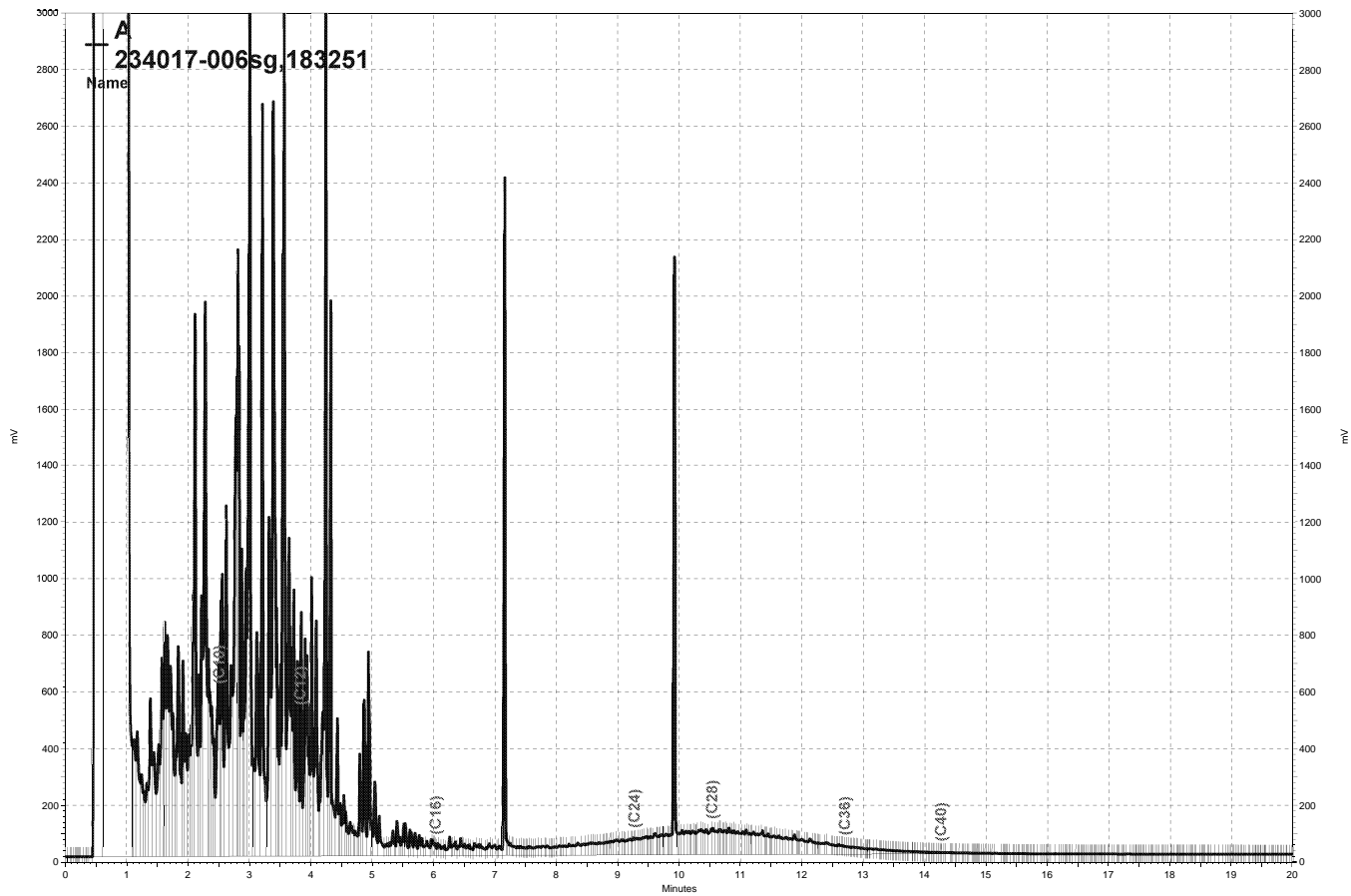
Surrogate	%REC	Limits
o-Terphenyl	86	49-128

RPD= Relative Percent Difference

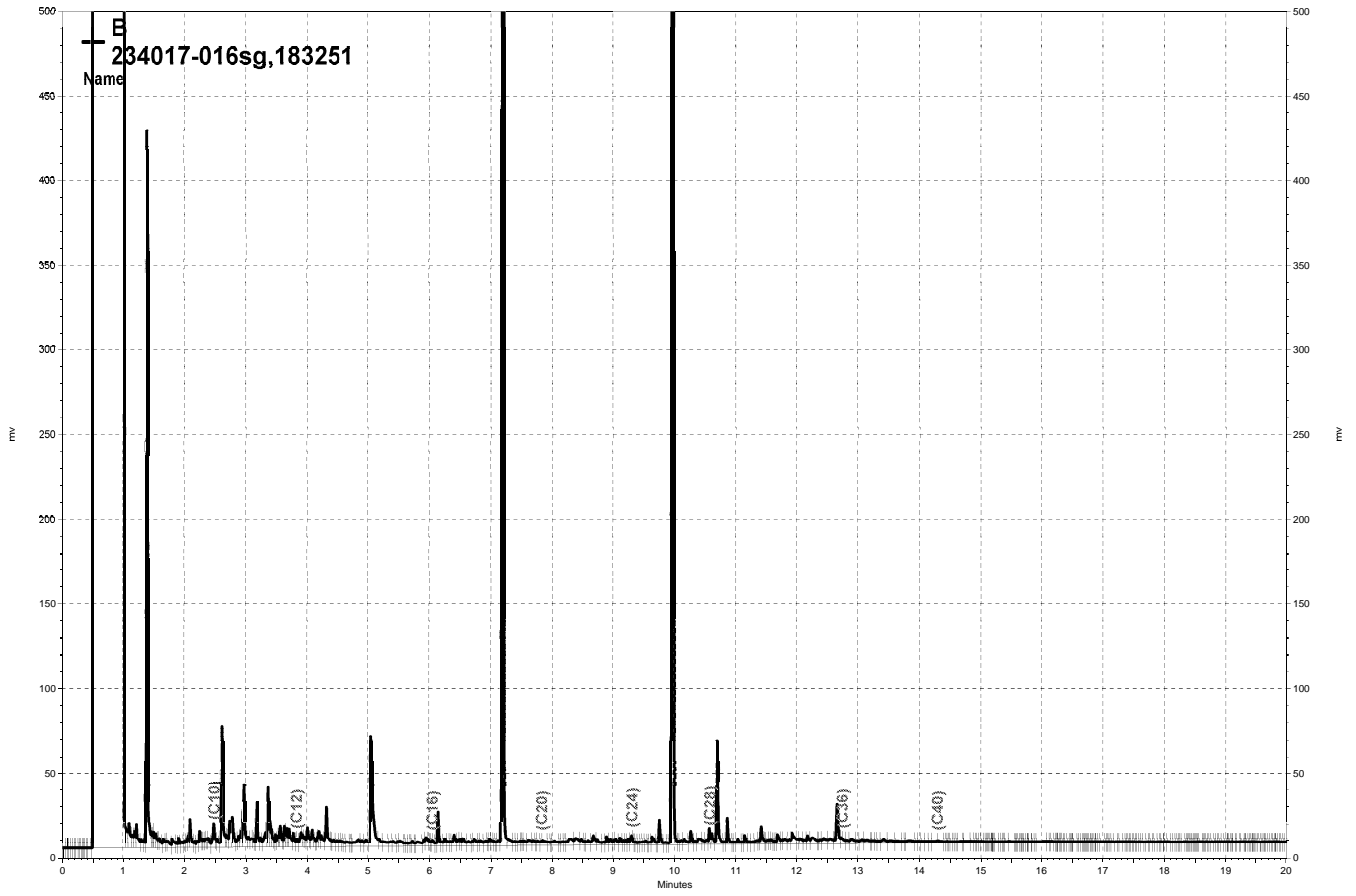


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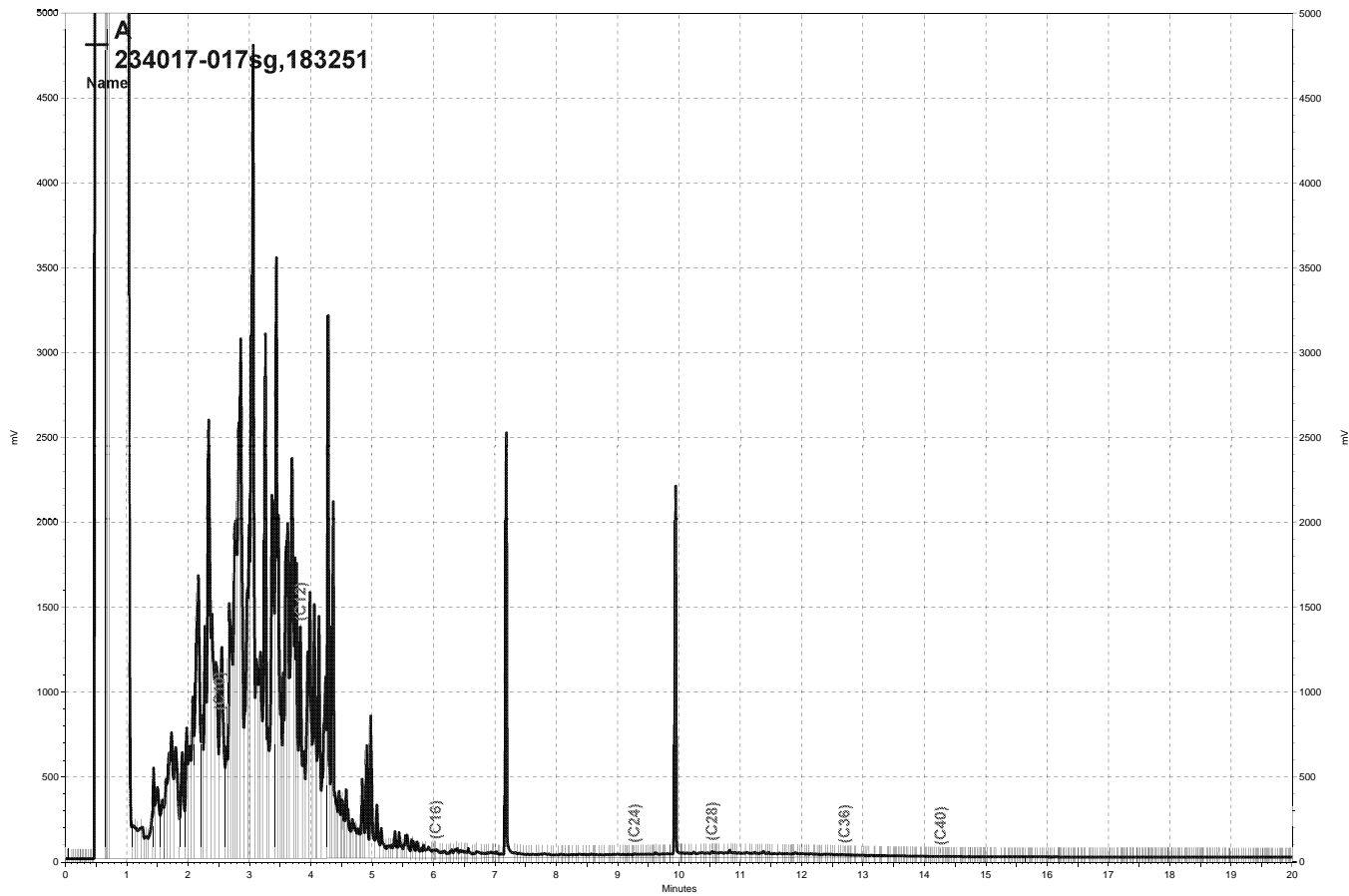




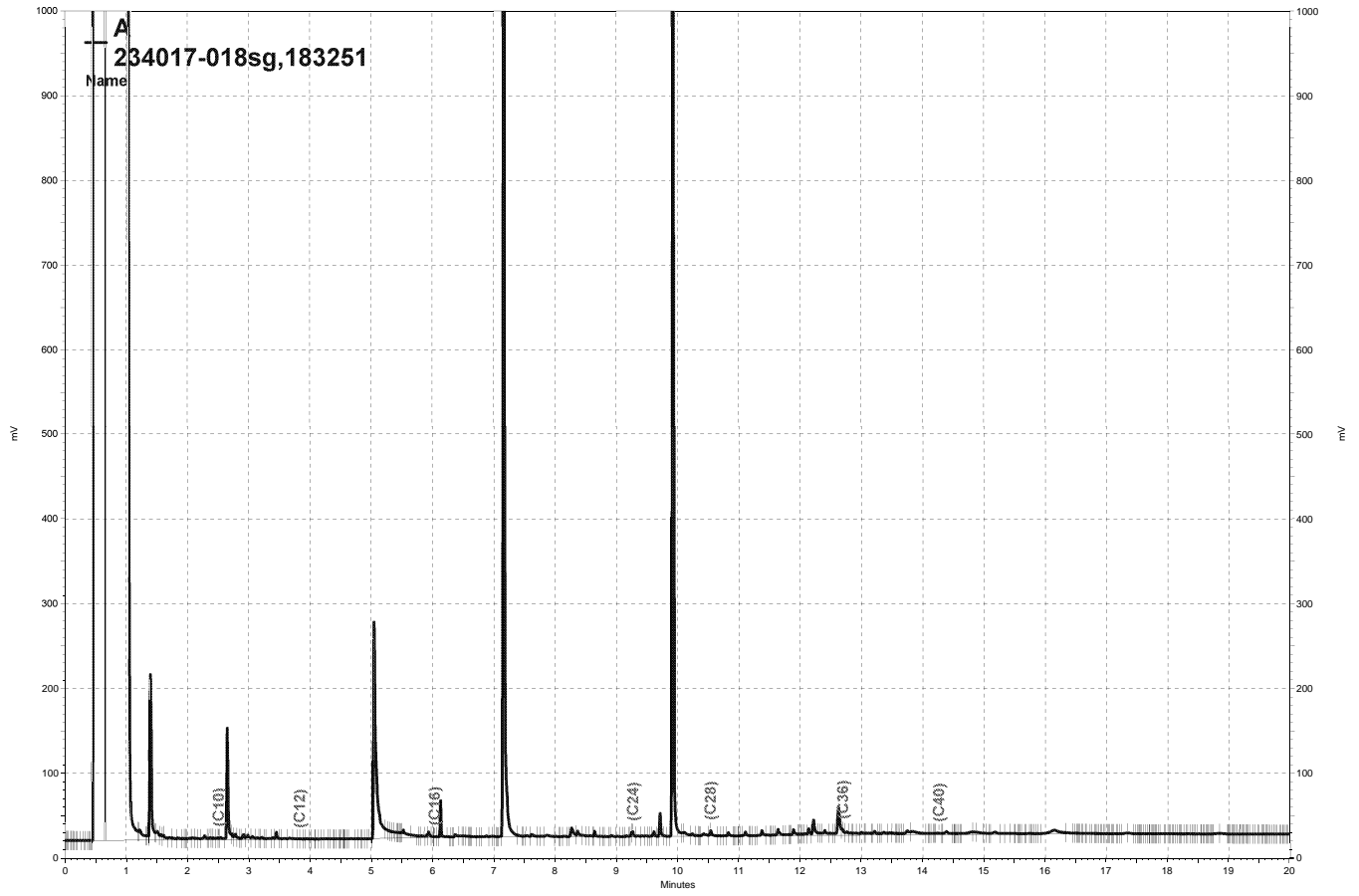
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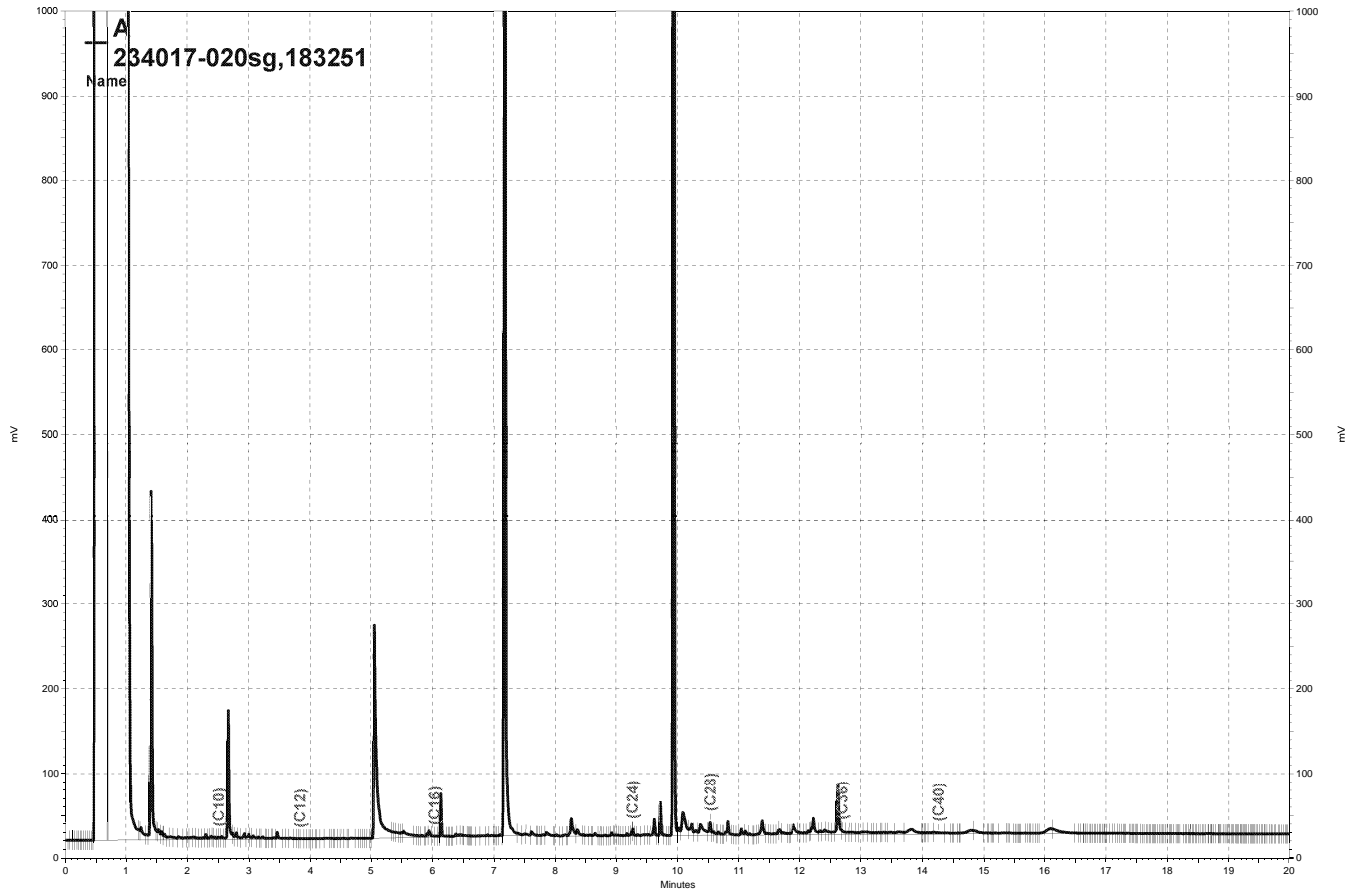
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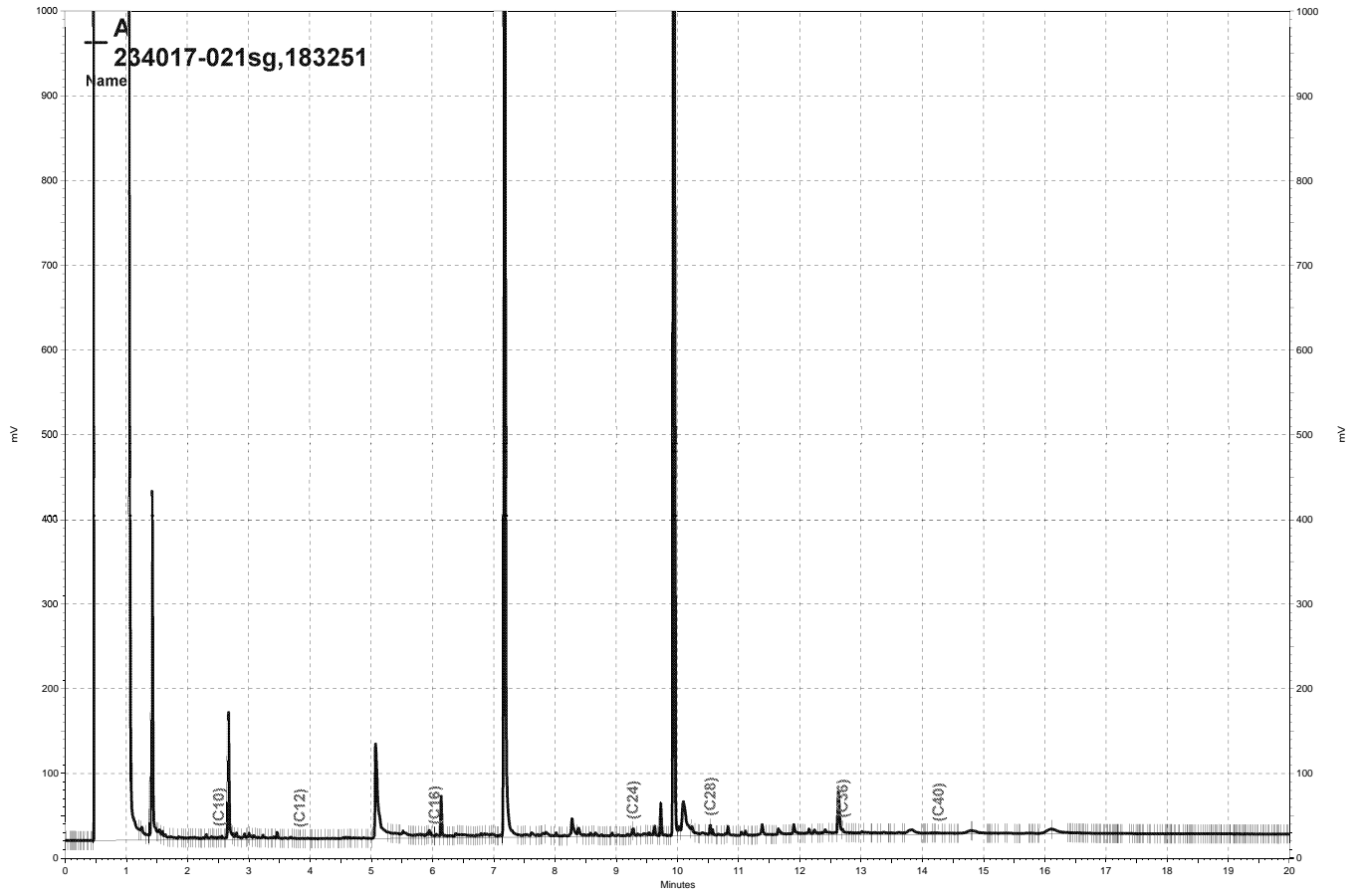
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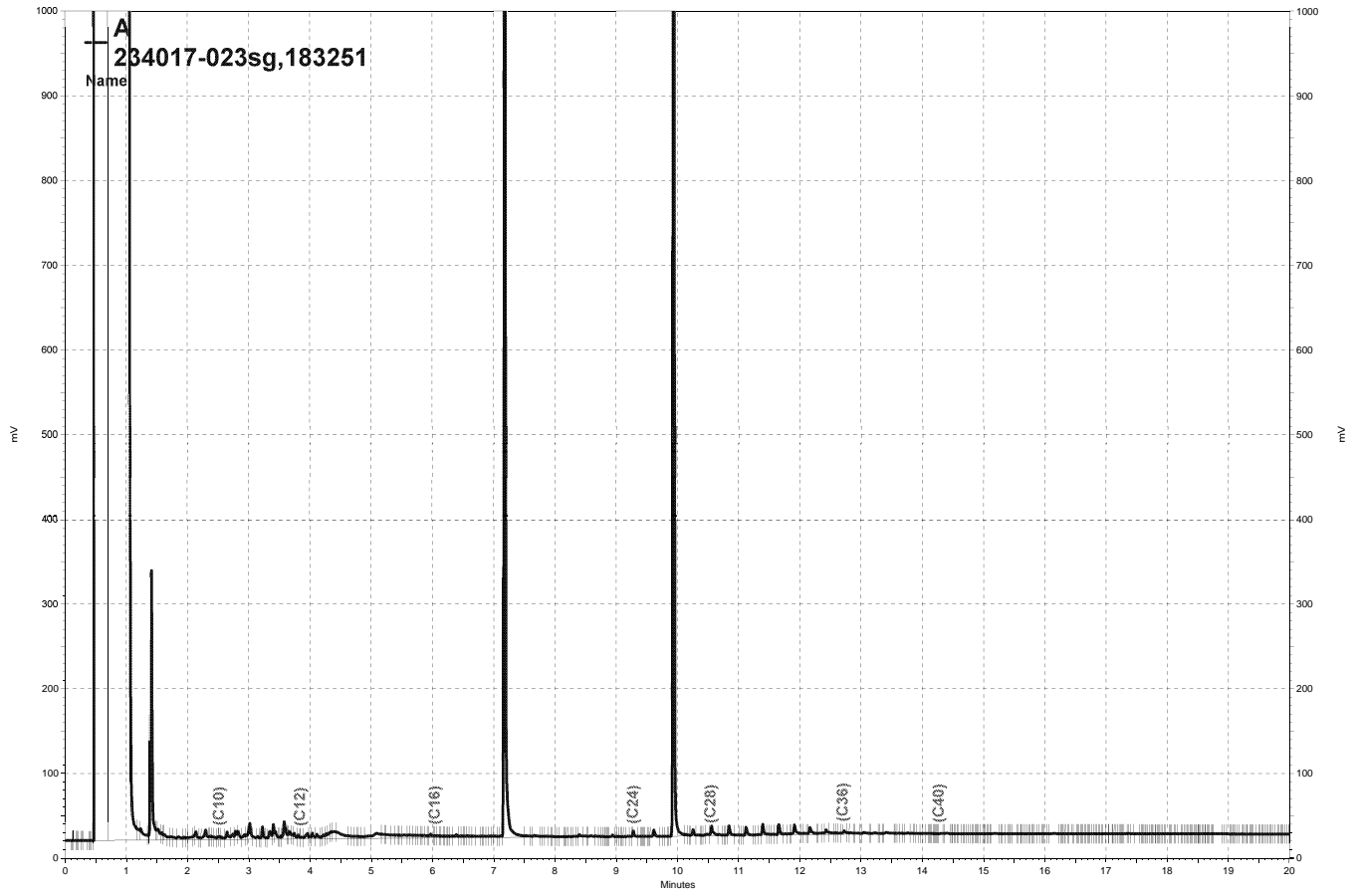
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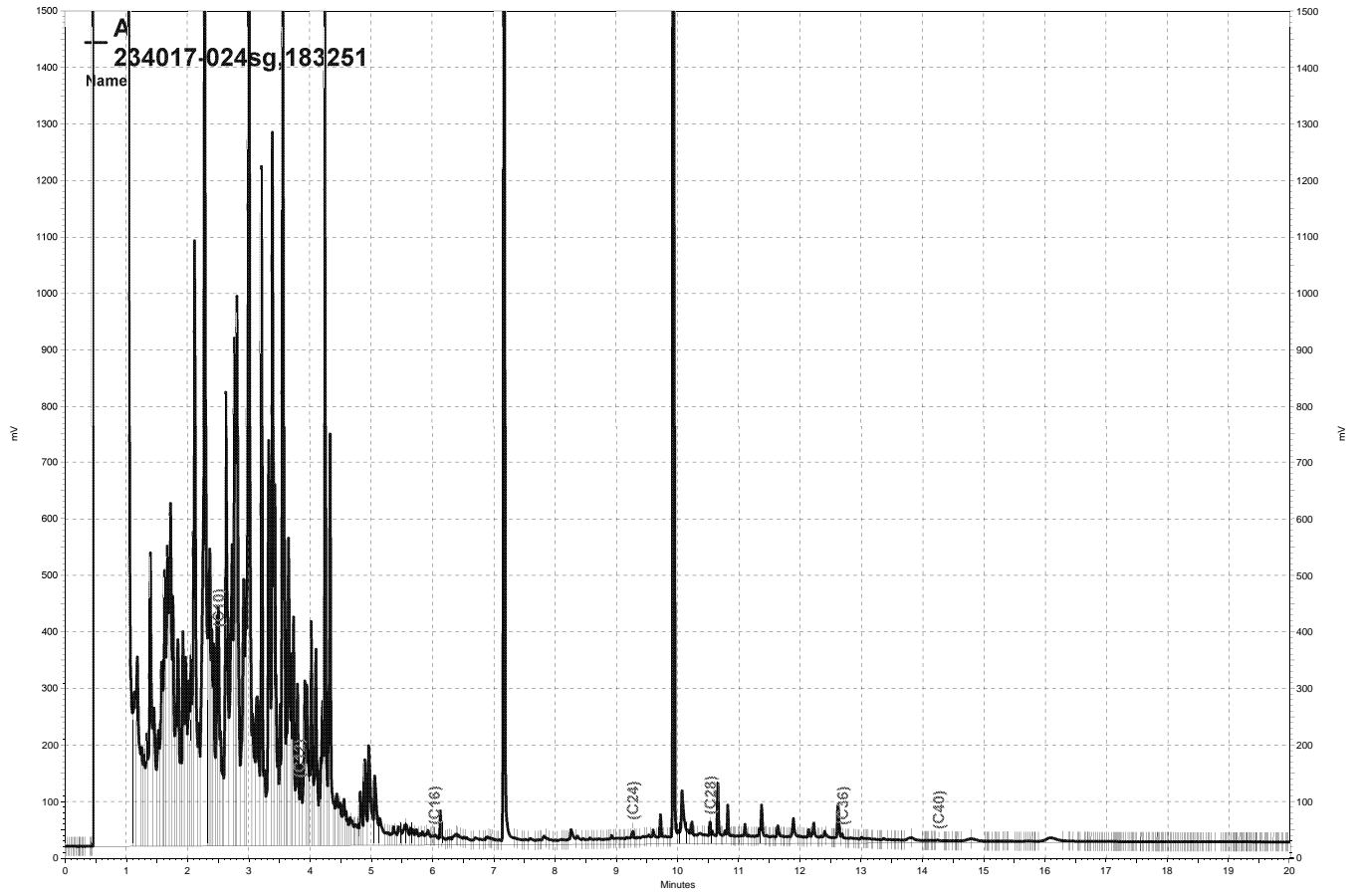
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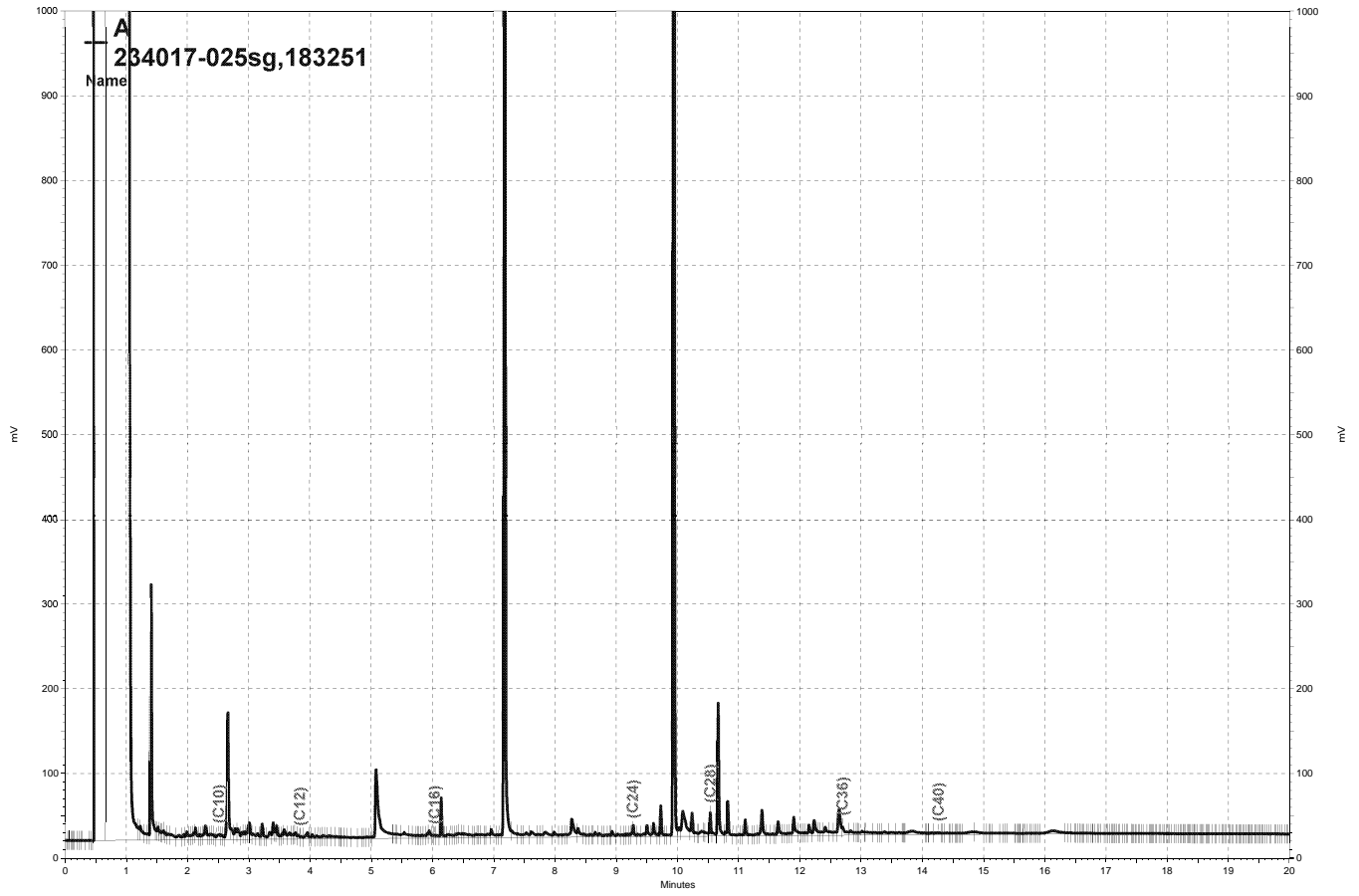


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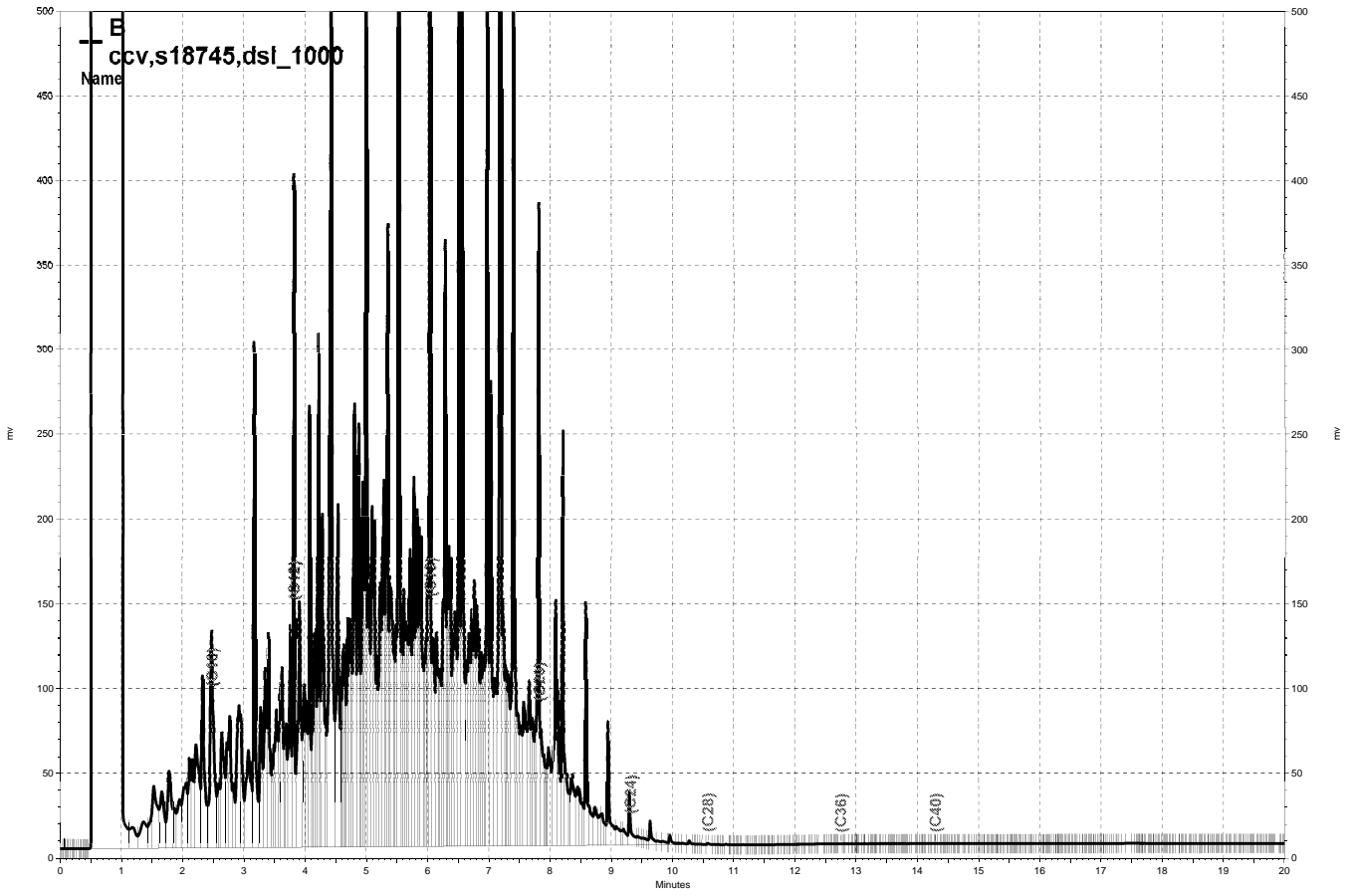


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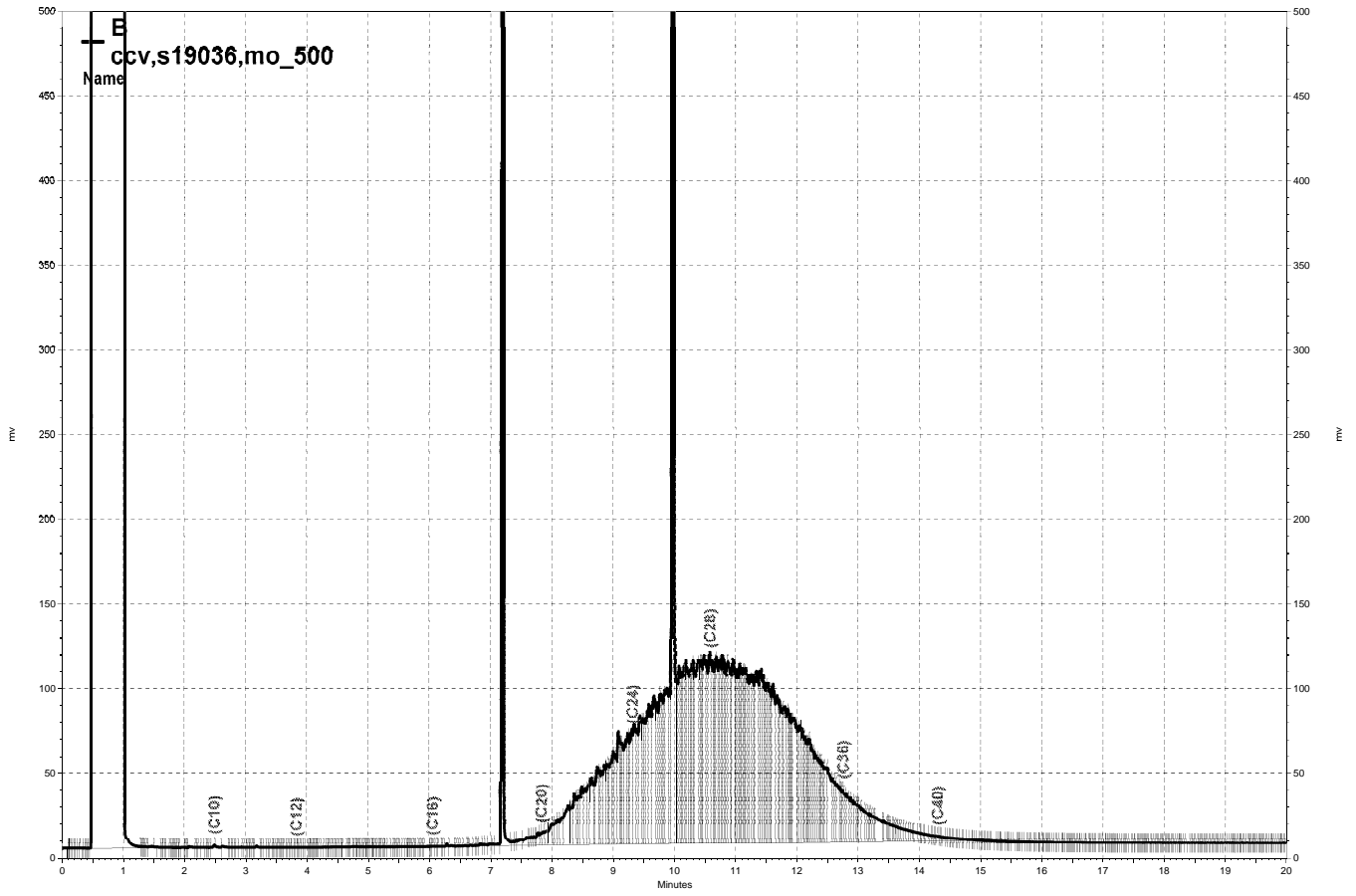




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Volatile Organics		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	Pl-W	Batch#: 183245
Lab ID:	234017-026	Sampled: 01/25/12
Matrix:	Water	Received: 01/25/12
Units:	ug/L	Analyzed: 01/26/12
Diln Fac:	1.000	

Analyte	Result	RL
Freon 12	ND	1.0
tert-Butyl Alcohol (TBA)	ND	10
Chloromethane	ND	1.0
Isopropyl Ether (DIPE)	ND	0.5
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
Chloroethane	ND	1.0
Methyl tert-Amyl Ether (TAME)	ND	0.5
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	2.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	P1-W	Batch#: 183245
Lab ID:	234017-026	Sampled: 01/25/12
Matrix:	Water	Received: 01/25/12
Units:	ug/L	Analyzed: 01/26/12
Diln Fac:	1.000	

Analyte	Result	RL
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	2.0
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	103	80-125
1,2-Dichloroethane-d4	119	69-145
Toluene-d8	104	80-120
Bromofluorobenzene	106	80-120

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	P2-W	Batch#: 183292
Lab ID:	234017-027	Sampled: 01/25/12
Matrix:	Water	Received: 01/25/12
Units:	ug/L	Analyzed: 01/27/12
Diln Fac:	7.143	

Analyte	Result	RL
Freon 12	ND	7.1
tert-Butyl Alcohol (TBA)	ND	71
Chloromethane	ND	7.1
Isopropyl Ether (DIPE)	ND	3.6
Vinyl Chloride	ND	3.6
Bromomethane	ND	7.1
Ethyl tert-Butyl Ether (ETBE)	ND	3.6
Chloroethane	ND	7.1
Methyl tert-Amyl Ether (TAME)	ND	3.6
Trichlorofluoromethane	ND	7.1
Acetone	ND	71
Freon 113	ND	14
1,1-Dichloroethene	ND	3.6
Methylene Chloride	ND	71
Carbon Disulfide	ND	3.6
MTBE	ND	3.6
trans-1,2-Dichloroethene	ND	3.6
Vinyl Acetate	ND	71
1,1-Dichloroethane	ND	3.6
2-Butanone	ND	71
cis-1,2-Dichloroethene	ND	3.6
2,2-Dichloropropane	ND	3.6
Chloroform	ND	3.6
Bromochloromethane	ND	3.6
1,1,1-Trichloroethane	ND	3.6
1,1-Dichloropropene	ND	3.6
Carbon Tetrachloride	ND	3.6
1,2-Dichloroethane	ND	3.6
Benzene	78	3.6
Trichloroethene	ND	3.6
1,2-Dichloropropane	ND	3.6
Bromodichloromethane	ND	3.6
Dibromomethane	ND	3.6
4-Methyl-2-Pentanone	ND	71
cis-1,3-Dichloropropene	ND	3.6
Toluene	19	3.6
trans-1,3-Dichloropropene	ND	3.6
1,1,2-Trichloroethane	ND	3.6
2-Hexanone	ND	71
1,3-Dichloropropane	ND	3.6
Tetrachloroethene	ND	3.6
Dibromochloromethane	ND	3.6
1,2-Dibromoethane	ND	3.6
Chlorobenzene	ND	3.6
1,1,1,2-Tetrachloroethane	ND	3.6
Ethylbenzene	89	3.6
m,p-Xylenes	80	3.6
o-Xylene	ND	3.6
Styrene	ND	3.6
Bromoform	ND	7.1
Isopropylbenzene	120	3.6
1,1,2,2-Tetrachloroethane	ND	3.6
1,2,3-Trichloropropane	ND	3.6
Propylbenzene	360	3.6

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	P2-W	Batch#: 183292
Lab ID:	234017-027	Sampled: 01/25/12
Matrix:	Water	Received: 01/25/12
Units:	ug/L	Analyzed: 01/27/12
Diln Fac:	7.143	

Analyte	Result	RL
Bromobenzene	ND	3.6
1,3,5-Trimethylbenzene	21	3.6
2-Chlorotoluene	ND	3.6
4-Chlorotoluene	ND	3.6
tert-Butylbenzene	4.6	3.6
1,2,4-Trimethylbenzene	6.1	3.6
sec-Butylbenzene	14	3.6
para-Isopropyl Toluene	6.0	3.6
1,3-Dichlorobenzene	ND	3.6
1,4-Dichlorobenzene	ND	3.6
n-Butylbenzene	110	3.6
1,2-Dichlorobenzene	ND	3.6
1,2-Dibromo-3-Chloropropane	ND	14
1,2,4-Trichlorobenzene	ND	3.6
Hexachlorobutadiene	ND	14
Naphthalene	680	14
1,2,3-Trichlorobenzene	ND	3.6

Surrogate	%REC	Limits
Dibromofluoromethane	105	80-125
1,2-Dichloroethane-d4	96	69-145
Toluene-d8	95	80-120
Bromofluorobenzene	99	80-120

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	P3-W	Batch#: 183245
Lab ID:	234017-028	Sampled: 01/25/12
Matrix:	Water	Received: 01/25/12
Units:	ug/L	Analyzed: 01/26/12
Diln Fac:	1.000	

Analyte	Result	RL
Freon 12	ND	1.0
tert-Butyl Alcohol (TBA)	ND	10
Chloromethane	ND	1.0
Isopropyl Ether (DIPE)	ND	0.5
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
Chloroethane	ND	1.0
Methyl tert-Amyl Ether (TAME)	ND	0.5
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	2.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5

ND= Not Detected  
 RL= Reporting Limit



Volatile Organics		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	P3-W	Batch#: 183245
Lab ID:	234017-028	Sampled: 01/25/12
Matrix:	Water	Received: 01/25/12
Units:	ug/L	Analyzed: 01/26/12
Diln Fac:	1.000	

Analyte	Result	RL
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	2.0
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	103	80-125
1,2-Dichloroethane-d4	118	69-145
Toluene-d8	103	80-120
Bromofluorobenzene	108	80-120

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	P4-W	Batch#: 183245
Lab ID:	234017-029	Sampled: 01/25/12
Matrix:	Water	Received: 01/25/12
Units:	ug/L	Analyzed: 01/26/12
Diln Fac:	1.000	

Analyte	Result	RL
Freon 12	ND	1.0
tert-Butyl Alcohol (TBA)	ND	10
Chloromethane	ND	1.0
Isopropyl Ether (DIPE)	ND	0.5
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
Chloroethane	ND	1.0
Methyl tert-Amyl Ether (TAME)	ND	0.5
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	2.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	0.8	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	P4-W	Batch#: 183245
Lab ID:	234017-029	Sampled: 01/25/12
Matrix:	Water	Received: 01/25/12
Units:	ug/L	Analyzed: 01/26/12
Diln Fac:	1.000	

Analyte	Result	RL
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	2.0
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	103	80-125
1,2-Dichloroethane-d4	119	69-145
Toluene-d8	105	80-120
Bromofluorobenzene	110	80-120

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	BH6-W	Batch#: 183292
Lab ID:	234017-030	Sampled: 01/25/12
Matrix:	Water	Received: 01/25/12
Units:	ug/L	Analyzed: 01/27/12
Diln Fac:	1.000	

Analyte	Result	RL
Freon 12	ND	1.0
tert-Butyl Alcohol (TBA)	ND	10
Chloromethane	ND	1.0
Isopropyl Ether (DIPE)	ND	0.5
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
Chloroethane	ND	1.0
Methyl tert-Amyl Ether (TAME)	ND	0.5
Trichlorofluoromethane	ND	1.0
Acetone	16	10
Freon 113	ND	2.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	8.6	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	1.3	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	31	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	63	0.5

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	BH6-W	Batch#: 183292
Lab ID:	234017-030	Sampled: 01/25/12
Matrix:	Water	Received: 01/25/12
Units:	ug/L	Analyzed: 01/27/12
Diln Fac:	1.000	

Analyte	Result	RL
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	4.7	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	11	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	32	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	2.0
Naphthalene	17	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	111	80-125
1,2-Dichloroethane-d4	103	69-145
Toluene-d8	94	80-120
Bromofluorobenzene	103	80-120

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	BH7-W	Batch#: 183245
Lab ID:	234017-031	Sampled: 01/25/12
Matrix:	Water	Received: 01/25/12
Units:	ug/L	Analyzed: 01/26/12
Diln Fac:	1.000	

Analyte	Result	RL
Freon 12	ND	1.0
tert-Butyl Alcohol (TBA)	ND	10
Chloromethane	ND	1.0
Isopropyl Ether (DIPE)	ND	0.5
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
Chloroethane	ND	1.0
Methyl tert-Amyl Ether (TAME)	ND	0.5
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	2.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	0.5	0.5

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	BH7-W	Batch#: 183245
Lab ID:	234017-031	Sampled: 01/25/12
Matrix:	Water	Received: 01/25/12
Units:	ug/L	Analyzed: 01/26/12
Diln Fac:	1.000	

Analyte	Result	RL
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	2.0
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	101	80-125
1,2-Dichloroethane-d4	118	69-145
Toluene-d8	104	80-120
Bromofluorobenzene	104	80-120

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	BH8-W	Batch#: 183292
Lab ID:	234017-032	Sampled: 01/25/12
Matrix:	Water	Received: 01/25/12
Units:	ug/L	Analyzed: 01/27/12
Diln Fac:	12.50	

Analyte	Result	RL
Freon 12	ND	13
tert-Butyl Alcohol (TBA)	ND	130
Chloromethane	ND	13
Isopropyl Ether (DIPE)	ND	6.3
Vinyl Chloride	ND	6.3
Bromomethane	ND	13
Ethyl tert-Butyl Ether (ETBE)	ND	6.3
Chloroethane	ND	13
Methyl tert-Amyl Ether (TAME)	ND	6.3
Trichlorofluoromethane	ND	13
Acetone	ND	130
Freon 113	ND	25
1,1-Dichloroethene	ND	6.3
Methylene Chloride	ND	130
Carbon Disulfide	ND	6.3
MTBE	ND	6.3
trans-1,2-Dichloroethene	ND	6.3
Vinyl Acetate	ND	130
1,1-Dichloroethane	ND	6.3
2-Butanone	ND	130
cis-1,2-Dichloroethene	ND	6.3
2,2-Dichloropropane	ND	6.3
Chloroform	ND	6.3
Bromochloromethane	ND	6.3
1,1,1-Trichloroethane	ND	6.3
1,1-Dichloropropene	ND	6.3
Carbon Tetrachloride	ND	6.3
1,2-Dichloroethane	ND	6.3
Benzene	36	6.3
Trichloroethene	ND	6.3
1,2-Dichloropropane	ND	6.3
Bromodichloromethane	ND	6.3
Dibromomethane	ND	6.3
4-Methyl-2-Pentanone	ND	130
cis-1,3-Dichloropropene	ND	6.3
Toluene	21	6.3
trans-1,3-Dichloropropene	ND	6.3
1,1,2-Trichloroethane	ND	6.3
2-Hexanone	ND	130
1,3-Dichloropropane	ND	6.3
Tetrachloroethene	ND	6.3
Dibromochloromethane	ND	6.3
1,2-Dibromoethane	ND	6.3
Chlorobenzene	ND	6.3
1,1,1,2-Tetrachloroethane	ND	6.3
Ethylbenzene	130	6.3
m,p-Xylenes	44	6.3
o-Xylene	ND	6.3
Styrene	ND	6.3
Bromoform	ND	13
Isopropylbenzene	140	6.3
1,1,2,2-Tetrachloroethane	ND	6.3
1,2,3-Trichloropropane	ND	6.3
Propylbenzene	470	6.3

ND= Not Detected  
 RL= Reporting Limit



Volatile Organics		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	BH8-W	Batch#: 183292
Lab ID:	234017-032	Sampled: 01/25/12
Matrix:	Water	Received: 01/25/12
Units:	ug/L	Analyzed: 01/27/12
Diln Fac:	12.50	

Analyte	Result	RL
Bromobenzene	ND	6.3
1,3,5-Trimethylbenzene	ND	6.3
2-Chlorotoluene	ND	6.3
4-Chlorotoluene	ND	6.3
tert-Butylbenzene	ND	6.3
1,2,4-Trimethylbenzene	ND	6.3
sec-Butylbenzene	12	6.3
para-Isopropyl Toluene	ND	6.3
1,3-Dichlorobenzene	ND	6.3
1,4-Dichlorobenzene	ND	6.3
n-Butylbenzene	ND	6.3
1,2-Dichlorobenzene	ND	6.3
1,2-Dibromo-3-Chloropropane	ND	25
1,2,4-Trichlorobenzene	ND	6.3
Hexachlorobutadiene	ND	25
Naphthalene	1,200	25
1,2,3-Trichlorobenzene	ND	6.3

Surrogate	%REC	Limits
Dibromofluoromethane	102	80-125
1,2-Dichloroethane-d4	93	69-145
Toluene-d8	97	80-120
Bromofluorobenzene	99	80-120

ND= Not Detected  
 RL= Reporting Limit

**Batch QC Report**

Volatile Organics		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Matrix:	Water	Batch#: 183245
Units:	ug/L	Analyzed: 01/26/12
Diln Fac:	1.000	

Type: BS Lab ID: QC626518

Analyte	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	125.0	135.1	108	47-136
Isopropyl Ether (DIPE)	25.00	23.60	94	54-136
Ethyl tert-Butyl Ether (ETBE)	25.00	25.63	103	57-133
Methyl tert-Amyl Ether (TAME)	25.00	24.90	100	65-120
1,1-Dichloroethene	25.00	22.79	91	66-131
Benzene	25.00	26.43	106	80-121
Trichloroethene	25.00	25.39	102	79-120
Toluene	25.00	27.78	111	80-120
Chlorobenzene	25.00	26.92	108	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	99	80-125
1,2-Dichloroethane-d4	112	69-145
Toluene-d8	101	80-120
Bromofluorobenzene	105	80-120

Type: BSD Lab ID: QC626519

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	125.0	137.4	110	47-136	2	28
Isopropyl Ether (DIPE)	25.00	23.88	96	54-136	1	20
Ethyl tert-Butyl Ether (ETBE)	25.00	26.24	105	57-133	2	20
Methyl tert-Amyl Ether (TAME)	25.00	24.92	100	65-120	0	20
1,1-Dichloroethene	25.00	22.24	89	66-131	2	20
Benzene	25.00	25.44	102	80-121	4	20
Trichloroethene	25.00	24.24	97	79-120	5	20
Toluene	25.00	26.26	105	80-120	6	20
Chlorobenzene	25.00	26.08	104	80-120	3	20

Surrogate	%REC	Limits
Dibromofluoromethane	101	80-125
1,2-Dichloroethane-d4	115	69-145
Toluene-d8	103	80-120
Bromofluorobenzene	106	80-120

RPD= Relative Percent Difference

**Batch QC Report**

Volatile Organics		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Type:	BLANK	Diln Fac: 1.000
Lab ID:	QC626520	Batch#: 183245
Matrix:	Water	Analyzed: 01/26/12
Units:	ug/L	

Analyte	Result	RL
Freon 12	ND	1.0
tert-Butyl Alcohol (TBA)	ND	10
Chloromethane	ND	1.0
Isopropyl Ether (DIPE)	ND	0.5
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
Chloroethane	ND	1.0
Methyl tert-Amyl Ether (TAME)	ND	0.5
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	2.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5

ND= Not Detected  
 RL= Reporting Limit

## Batch QC Report

Volatile Organics		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Type:	BLANK	Diln Fac: 1.000
Lab ID:	QC626520	Batch#: 183245
Matrix:	Water	Analyzed: 01/26/12
Units:	ug/L	

Analyte	Result	RL
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	2.0
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	102	80-125
1,2-Dichloroethane-d4	119	69-145
Toluene-d8	103	80-120
Bromofluorobenzene	108	80-120

ND= Not Detected  
 RL= Reporting Limit

**Batch QC Report**

Volatile Organics		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Matrix:	Water	Batch#: 183292
Units:	ug/L	Analyzed: 01/27/12
Diln Fac:	1.000	

Type: BS Lab ID: QC626717

Analyte	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	62.50	60.65	97	47-136
Isopropyl Ether (DIPE)	12.50	8.583 b	69	54-136
Ethyl tert-Butyl Ether (ETBE)	12.50	9.911	79	57-133
Methyl tert-Amyl Ether (TAME)	12.50	9.536	76	65-120
1,1-Dichloroethene	12.50	11.60	93	66-131
Benzene	12.50	11.81	94	80-121
Trichloroethene	12.50	11.34	91	79-120
Toluene	12.50	11.28	90	80-120
Chlorobenzene	12.50	11.93	95	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	112	80-125
1,2-Dichloroethane-d4	104	69-145
Toluene-d8	95	80-120
Bromofluorobenzene	98	80-120

Type: BSD Lab ID: QC626718

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	62.50	57.59	92	47-136	5	28
Isopropyl Ether (DIPE)	12.50	8.548 b	68	54-136	0	20
Ethyl tert-Butyl Ether (ETBE)	12.50	9.877	79	57-133	0	20
Methyl tert-Amyl Ether (TAME)	12.50	9.572	77	65-120	0	20
1,1-Dichloroethene	12.50	10.90	87	66-131	6	20
Benzene	12.50	11.33	91	80-121	4	20
Trichloroethene	12.50	10.71	86	79-120	6	20
Toluene	12.50	10.81	86	80-120	4	20
Chlorobenzene	12.50	11.69	94	80-120	2	20

Surrogate	%REC	Limits
Dibromofluoromethane	112	80-125
1,2-Dichloroethane-d4	104	69-145
Toluene-d8	95	80-120
Bromofluorobenzene	98	80-120

b= See narrative  
 RPD= Relative Percent Difference  
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**Batch QC Report**

Volatile Organics		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Type:	BLANK	Diln Fac: 1.000
Lab ID:	QC626719	Batch#: 183292
Matrix:	Water	Analyzed: 01/27/12
Units:	ug/L	

Analyte	Result	RL
Freon 12	ND	1.0
tert-Butyl Alcohol (TBA)	ND	10
Chloromethane	ND	1.0
Isopropyl Ether (DIPE)	ND	0.5
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
Chloroethane	ND	1.0
Methyl tert-Amyl Ether (TAME)	ND	0.5
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	2.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5

ND= Not Detected  
 RL= Reporting Limit

**Batch QC Report**

<b>Volatile Organics</b>		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Type:	BLANK	Diln Fac: 1.000
Lab ID:	QC626719	Batch#: 183292
Matrix:	Water	Analyzed: 01/27/12
Units:	ug/L	

<b>Analyte</b>	<b>Result</b>	<b>RL</b>
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	2.0
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

<b>Surrogate</b>	<b>%REC</b>	<b>Limits</b>
Dibromofluoromethane	118	80-125
1,2-Dichloroethane-d4	105	69-145
Toluene-d8	97	80-120
Bromofluorobenzene	99	80-120

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics			
Lab #:	234017	Location:	2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep:	EPA 5030B
Project#:	2145 35TH AVENUE	Analysis:	EPA 8260B
Field ID:	Pl-5	Diln Fac:	0.9653
Lab ID:	234017-002	Batch#:	183254
Matrix:	Soil	Sampled:	01/25/12
Units:	ug/Kg	Received:	01/25/12
Basis:	as received	Analyzed:	01/26/12

Analyte	Result	RL
Freon 12	ND	9.7
tert-Butyl Alcohol (TBA)	ND	97
Chloromethane	ND	9.7
Isopropyl Ether (DIPE)	ND	4.8
Vinyl Chloride	ND	9.7
Bromomethane	ND	9.7
Ethyl tert-Butyl Ether (ETBE)	ND	4.8
Chloroethane	ND	9.7
Methyl tert-Amyl Ether (TAME)	ND	4.8
Trichlorofluoromethane	ND	4.8
Acetone	ND	19
Freon 113	ND	4.8
1,1-Dichloroethene	ND	4.8
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.8
MTBE	ND	4.8
trans-1,2-Dichloroethene	ND	4.8
Vinyl Acetate	ND	48
1,1-Dichloroethane	ND	4.8
2-Butanone	ND	9.7
cis-1,2-Dichloroethene	ND	4.8
2,2-Dichloropropane	ND	4.8
Chloroform	ND	4.8
Bromochloromethane	ND	4.8
1,1,1-Trichloroethane	ND	4.8
1,1-Dichloropropene	ND	4.8
Carbon Tetrachloride	ND	4.8
1,2-Dichloroethane	ND	4.8
Benzene	ND	4.8
Trichloroethene	ND	4.8
1,2-Dichloropropane	ND	4.8
Bromodichloromethane	ND	4.8
Dibromomethane	ND	4.8
4-Methyl-2-Pentanone	ND	9.7
cis-1,3-Dichloropropene	ND	4.8
Toluene	ND	4.8
trans-1,3-Dichloropropene	ND	4.8
1,1,2-Trichloroethane	ND	4.8
2-Hexanone	ND	9.7
1,3-Dichloropropane	ND	4.8
Tetrachloroethene	ND	4.8
Dibromochloromethane	ND	4.8
1,2-Dibromoethane	ND	4.8
Chlorobenzene	ND	4.8
1,1,1,2-Tetrachloroethane	ND	4.8
Ethylbenzene	ND	4.8
m,p-Xylenes	ND	4.8
o-Xylene	ND	4.8
Styrene	ND	4.8
Bromoform	ND	4.8
Isopropylbenzene	ND	4.8
1,1,2,2-Tetrachloroethane	ND	4.8
1,2,3-Trichloropropane	ND	4.8
Propylbenzene	ND	4.8

ND= Not Detected  
 RL= Reporting Limit



Volatile Organics		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	P1-5	Diln Fac: 0.9653
Lab ID:	234017-002	Batch#: 183254
Matrix:	Soil	Sampled: 01/25/12
Units:	ug/Kg	Received: 01/25/12
Basis:	as received	Analyzed: 01/26/12

Analyte	Result	RL
Bromobenzene	ND	4.8
1,3,5-Trimethylbenzene	ND	4.8
2-Chlorotoluene	ND	4.8
4-Chlorotoluene	ND	4.8
tert-Butylbenzene	ND	4.8
1,2,4-Trimethylbenzene	ND	4.8
sec-Butylbenzene	ND	4.8
para-Isopropyl Toluene	ND	4.8
1,3-Dichlorobenzene	ND	4.8
1,4-Dichlorobenzene	ND	4.8
n-Butylbenzene	ND	4.8
1,2-Dichlorobenzene	ND	4.8
1,2-Dibromo-3-Chloropropane	ND	4.8
1,2,4-Trichlorobenzene	ND	4.8
Hexachlorobutadiene	ND	4.8
Naphthalene	ND	4.8
1,2,3-Trichlorobenzene	ND	4.8

Surrogate	%REC	Limits
Dibromofluoromethane	109	74-133
1,2-Dichloroethane-d4	124	74-136
Toluene-d8	101	80-120
Bromofluorobenzene	101	77-130

ND= Not Detected  
 RL= Reporting Limit  
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Volatile Organics		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	Pl-14	Diln Fac: 0.9690
Lab ID:	234017-003	Batch#: 183254
Matrix:	Soil	Sampled: 01/25/12
Units:	ug/Kg	Received: 01/25/12
Basis:	as received	Analyzed: 01/26/12

Analyte	Result	RL
Freon 12	ND	9.7
tert-Butyl Alcohol (TBA)	ND	97
Chloromethane	ND	9.7
Isopropyl Ether (DIPE)	ND	4.8
Vinyl Chloride	ND	9.7
Bromomethane	ND	9.7
Ethyl tert-Butyl Ether (ETBE)	ND	4.8
Chloroethane	ND	9.7
Methyl tert-Amyl Ether (TAME)	ND	4.8
Trichlorofluoromethane	ND	4.8
Acetone	ND	19
Freon 113	ND	4.8
1,1-Dichloroethene	ND	4.8
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.8
MTBE	ND	4.8
trans-1,2-Dichloroethene	ND	4.8
Vinyl Acetate	ND	48
1,1-Dichloroethane	ND	4.8
2-Butanone	ND	9.7
cis-1,2-Dichloroethene	ND	4.8
2,2-Dichloropropane	ND	4.8
Chloroform	ND	4.8
Bromochloromethane	ND	4.8
1,1,1-Trichloroethane	ND	4.8
1,1-Dichloropropene	ND	4.8
Carbon Tetrachloride	ND	4.8
1,2-Dichloroethane	ND	4.8
Benzene	ND	4.8
Trichloroethene	ND	4.8
1,2-Dichloropropane	ND	4.8
Bromodichloromethane	ND	4.8
Dibromomethane	ND	4.8
4-Methyl-2-Pentanone	ND	9.7
cis-1,3-Dichloropropene	ND	4.8
Toluene	ND	4.8
trans-1,3-Dichloropropene	ND	4.8
1,1,2-Trichloroethane	ND	4.8
2-Hexanone	ND	9.7
1,3-Dichloropropane	ND	4.8
Tetrachloroethene	ND	4.8
Dibromochloromethane	ND	4.8
1,2-Dibromoethane	ND	4.8
Chlorobenzene	ND	4.8
1,1,1,2-Tetrachloroethane	ND	4.8
Ethylbenzene	ND	4.8
m,p-Xylenes	ND	4.8
o-Xylene	ND	4.8
Styrene	ND	4.8
Bromoform	ND	4.8
Isopropylbenzene	ND	4.8
1,1,2,2-Tetrachloroethane	ND	4.8
1,2,3-Trichloropropane	ND	4.8
Propylbenzene	ND	4.8

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	P1-14	Diln Fac: 0.9690
Lab ID:	234017-003	Batch#: 183254
Matrix:	Soil	Sampled: 01/25/12
Units:	ug/Kg	Received: 01/25/12
Basis:	as received	Analyzed: 01/26/12

Analyte	Result	RL
Bromobenzene	ND	4.8
1,3,5-Trimethylbenzene	ND	4.8
2-Chlorotoluene	ND	4.8
4-Chlorotoluene	ND	4.8
tert-Butylbenzene	ND	4.8
1,2,4-Trimethylbenzene	ND	4.8
sec-Butylbenzene	ND	4.8
para-Isopropyl Toluene	ND	4.8
1,3-Dichlorobenzene	ND	4.8
1,4-Dichlorobenzene	ND	4.8
n-Butylbenzene	ND	4.8
1,2-Dichlorobenzene	ND	4.8
1,2-Dibromo-3-Chloropropane	ND	4.8
1,2,4-Trichlorobenzene	ND	4.8
Hexachlorobutadiene	ND	4.8
Naphthalene	ND	4.8
1,2,3-Trichlorobenzene	ND	4.8

Surrogate	%REC	Limits
Dibromofluoromethane	110	74-133
1,2-Dichloroethane-d4	128	74-136
Toluene-d8	99	80-120
Bromofluorobenzene	102	77-130

ND= Not Detected  
 RL= Reporting Limit  
 Page 2 of 2

Volatile Organics			
Lab #:	234017	Location:	2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep:	EPA 5030B
Project#:	2145 35TH AVENUE	Analysis:	EPA 8260B
Field ID:	P2-8	Diln Fac:	0.9823
Lab ID:	234017-005	Batch#:	183350
Matrix:	Soil	Sampled:	01/25/12
Units:	ug/Kg	Received:	01/25/12
Basis:	as received	Analyzed:	01/30/12

Analyte	Result	RL
Freon 12	ND	9.8
tert-Butyl Alcohol (TBA)	ND	98
Chloromethane	ND	9.8
Isopropyl Ether (DIPE)	ND	4.9
Vinyl Chloride	ND	9.8
Bromomethane	ND	9.8
Ethyl tert-Butyl Ether (ETBE)	ND	4.9
Chloroethane	ND	9.8
Methyl tert-Amyl Ether (TAME)	ND	4.9
Trichlorofluoromethane	ND	4.9
Acetone	41	20
Freon 113	ND	4.9
1,1-Dichloroethene	ND	4.9
Methylene Chloride	ND	20
Carbon Disulfide	ND	4.9
MTBE	ND	4.9
trans-1,2-Dichloroethene	ND	4.9
Vinyl Acetate	ND	49
1,1-Dichloroethane	ND	4.9
2-Butanone	ND	9.8
cis-1,2-Dichloroethene	ND	4.9
2,2-Dichloropropane	ND	4.9
Chloroform	ND	4.9
Bromochloromethane	ND	4.9
1,1,1-Trichloroethane	ND	4.9
1,1-Dichloropropene	ND	4.9
Carbon Tetrachloride	ND	4.9
1,2-Dichloroethane	ND	4.9
Benzene	ND	4.9
Trichloroethene	ND	4.9
1,2-Dichloropropane	ND	4.9
Bromodichloromethane	ND	4.9
Dibromomethane	ND	4.9
4-Methyl-2-Pentanone	ND	9.8
cis-1,3-Dichloropropene	ND	4.9
Toluene	ND	4.9
trans-1,3-Dichloropropene	ND	4.9
1,1,2-Trichloroethane	ND	4.9
2-Hexanone	ND	9.8
1,3-Dichloropropane	ND	4.9
Tetrachloroethene	ND	4.9
Dibromochloromethane	ND	4.9
1,2-Dibromoethane	ND	4.9
Chlorobenzene	ND	4.9
1,1,1,2-Tetrachloroethane	ND	4.9
Ethylbenzene	ND	4.9
m,p-Xylenes	ND	4.9
o-Xylene	ND	4.9
Styrene	ND	4.9
Bromoform	ND	4.9
Isopropylbenzene	ND	4.9
1,1,2,2-Tetrachloroethane	ND	4.9
1,2,3-Trichloropropane	ND	4.9
Propylbenzene	9.1	4.9

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	P2-8	Diln Fac: 0.9823
Lab ID:	234017-005	Batch#: 183350
Matrix:	Soil	Sampled: 01/25/12
Units:	ug/Kg	Received: 01/25/12
Basis:	as received	Analyzed: 01/30/12

Analyte	Result	RL
Bromobenzene	ND	4.9
1,3,5-Trimethylbenzene	ND	4.9
2-Chlorotoluene	ND	4.9
4-Chlorotoluene	ND	4.9
tert-Butylbenzene	ND	4.9
1,2,4-Trimethylbenzene	ND	4.9
sec-Butylbenzene	ND	4.9
para-Isopropyl Toluene	ND	4.9
1,3-Dichlorobenzene	ND	4.9
1,4-Dichlorobenzene	ND	4.9
n-Butylbenzene	7.9	4.9
1,2-Dichlorobenzene	ND	4.9
1,2-Dibromo-3-Chloropropane	ND	4.9
1,2,4-Trichlorobenzene	ND	4.9
Hexachlorobutadiene	ND	4.9
Naphthalene	47	4.9
1,2,3-Trichlorobenzene	ND	4.9

Surrogate	%REC	Limits
Dibromofluoromethane	98	74-133
1,2-Dichloroethane-d4	108	74-136
Toluene-d8	97	80-120
Bromofluorobenzene	98	77-130

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	P2-12	Diln Fac: 200.0
Lab ID:	234017-006	Batch#: 183382
Matrix:	Soil	Sampled: 01/25/12
Units:	ug/Kg	Received: 01/25/12
Basis:	as received	Analyzed: 02/01/12

Analyte	Result	RL
Freon 12	ND	2,000
tert-Butyl Alcohol (TBA)	ND	20,000
Chloromethane	ND	2,000
Isopropyl Ether (DIPE)	ND	1,000
Vinyl Chloride	ND	2,000
Bromomethane	ND	2,000
Ethyl tert-Butyl Ether (ETBE)	ND	1,000
Chloroethane	ND	2,000
Methyl tert-Amyl Ether (TAME)	ND	1,000
Trichlorofluoromethane	ND	1,000
Acetone	ND	4,000
Freon 113	ND	1,000
1,1-Dichloroethene	ND	1,000
Methylene Chloride	ND	4,000
Carbon Disulfide	ND	1,000
MTBE	ND	1,000
trans-1,2-Dichloroethene	ND	1,000
Vinyl Acetate	ND	10,000
1,1-Dichloroethane	ND	1,000
2-Butanone	ND	2,000
cis-1,2-Dichloroethene	ND	1,000
2,2-Dichloropropane	ND	1,000
Chloroform	ND	1,000
Bromochloromethane	ND	1,000
1,1,1-Trichloroethane	ND	1,000
1,1-Dichloropropene	ND	1,000
Carbon Tetrachloride	ND	1,000
1,2-Dichloroethane	ND	1,000
Benzene	ND	1,000
Trichloroethene	ND	1,000
1,2-Dichloropropane	ND	1,000
Bromodichloromethane	ND	1,000
Dibromomethane	ND	1,000
4-Methyl-2-Pentanone	ND	2,000
cis-1,3-Dichloropropene	ND	1,000
Toluene	ND	1,000
trans-1,3-Dichloropropene	ND	1,000
1,1,2-Trichloroethane	ND	1,000
2-Hexanone	ND	2,000
1,3-Dichloropropane	ND	1,000
Tetrachloroethene	ND	1,000
Dibromochloromethane	ND	1,000
1,2-Dibromoethane	ND	1,000
Chlorobenzene	ND	1,000
1,1,1,2-Tetrachloroethane	ND	1,000
Ethylbenzene	ND	1,000
m,p-Xylenes	ND	1,000
o-Xylene	ND	1,000
Styrene	ND	1,000
Bromoform	ND	1,000
Isopropylbenzene	1,300	1,000
1,1,2,2-Tetrachloroethane	ND	1,000
1,2,3-Trichloropropane	ND	1,000
Propylbenzene	5,200	1,000

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	P2-12	Diln Fac: 200.0
Lab ID:	234017-006	Batch#: 183382
Matrix:	Soil	Sampled: 01/25/12
Units:	ug/Kg	Received: 01/25/12
Basis:	as received	Analyzed: 02/01/12

Analyte	Result	RL
Bromobenzene	ND	1,000
1,3,5-Trimethylbenzene	1,400	1,000
2-Chlorotoluene	ND	1,000
4-Chlorotoluene	ND	1,000
tert-Butylbenzene	ND	1,000
1,2,4-Trimethylbenzene	ND	1,000
sec-Butylbenzene	ND	1,000
para-Isopropyl Toluene	ND	1,000
1,3-Dichlorobenzene	ND	1,000
1,4-Dichlorobenzene	ND	1,000
n-Butylbenzene	2,200	1,000
1,2-Dichlorobenzene	ND	1,000
1,2-Dibromo-3-Chloropropane	ND	1,000
1,2,4-Trichlorobenzene	ND	1,000
Hexachlorobutadiene	ND	1,000
Naphthalene	6,500	1,000
1,2,3-Trichlorobenzene	ND	1,000

Surrogate	%REC	Limits
Dibromofluoromethane	105	74-133
1,2-Dichloroethane-d4	112	74-136
Toluene-d8	97	80-120
Bromofluorobenzene	95	77-130
Trifluorotoluene (MeOH)	89	60-135

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	P2-16	Diln Fac: 1.000
Lab ID:	234017-007	Batch#: 183254
Matrix:	Soil	Sampled: 01/25/12
Units:	ug/Kg	Received: 01/25/12
Basis:	as received	Analyzed: 01/26/12

Analyte	Result	RL
Freon 12	ND	10
tert-Butyl Alcohol (TBA)	ND	100
Chloromethane	ND	10
Isopropyl Ether (DIPE)	ND	5.0
Vinyl Chloride	ND	10
Bromomethane	ND	10
Ethyl tert-Butyl Ether (ETBE)	ND	5.0
Chloroethane	ND	10
Methyl tert-Amyl Ether (TAME)	ND	5.0
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0

ND= Not Detected  
 RL= Reporting Limit



Volatile Organics		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	P2-16	Diln Fac: 1.000
Lab ID:	234017-007	Batch#: 183254
Matrix:	Soil	Sampled: 01/25/12
Units:	ug/Kg	Received: 01/25/12
Basis:	as received	Analyzed: 01/26/12

Analyte	Result	RL
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	112	74-133
1,2-Dichloroethane-d4	129	74-136
Toluene-d8	100	80-120
Bromofluorobenzene	104	77-130

ND= Not Detected  
 RL= Reporting Limit  
 Page 2 of 2

Volatile Organics			
Lab #:	234017	Location:	2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep:	EPA 5030B
Project#:	2145 35TH AVENUE	Analysis:	EPA 8260B
Field ID:	P2-20	Diln Fac:	0.9597
Lab ID:	234017-008	Batch#:	183254
Matrix:	Soil	Sampled:	01/25/12
Units:	ug/Kg	Received:	01/25/12
Basis:	as received	Analyzed:	01/26/12

Analyte	Result	RL
Freon 12	ND	9.6
tert-Butyl Alcohol (TBA)	ND	96
Chloromethane	ND	9.6
Isopropyl Ether (DIPE)	ND	4.8
Vinyl Chloride	ND	9.6
Bromomethane	ND	9.6
Ethyl tert-Butyl Ether (ETBE)	ND	4.8
Chloroethane	ND	9.6
Methyl tert-Amyl Ether (TAME)	ND	4.8
Trichlorofluoromethane	ND	4.8
Acetone	ND	19
Freon 113	ND	4.8
1,1-Dichloroethene	ND	4.8
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.8
MTBE	ND	4.8
trans-1,2-Dichloroethene	ND	4.8
Vinyl Acetate	ND	48
1,1-Dichloroethane	ND	4.8
2-Butanone	ND	9.6
cis-1,2-Dichloroethene	ND	4.8
2,2-Dichloropropane	ND	4.8
Chloroform	ND	4.8
Bromochloromethane	ND	4.8
1,1,1-Trichloroethane	ND	4.8
1,1-Dichloropropene	ND	4.8
Carbon Tetrachloride	ND	4.8
1,2-Dichloroethane	ND	4.8
Benzene	ND	4.8
Trichloroethene	ND	4.8
1,2-Dichloropropane	ND	4.8
Bromodichloromethane	ND	4.8
Dibromomethane	ND	4.8
4-Methyl-2-Pentanone	ND	9.6
cis-1,3-Dichloropropene	ND	4.8
Toluene	ND	4.8
trans-1,3-Dichloropropene	ND	4.8
1,1,2-Trichloroethane	ND	4.8
2-Hexanone	ND	9.6
1,3-Dichloropropane	ND	4.8
Tetrachloroethene	ND	4.8
Dibromochloromethane	ND	4.8
1,2-Dibromoethane	ND	4.8
Chlorobenzene	ND	4.8
1,1,1,2-Tetrachloroethane	ND	4.8
Ethylbenzene	ND	4.8
m,p-Xylenes	ND	4.8
o-Xylene	ND	4.8
Styrene	ND	4.8
Bromoform	ND	4.8
Isopropylbenzene	ND	4.8
1,1,2,2-Tetrachloroethane	ND	4.8
1,2,3-Trichloropropane	ND	4.8
Propylbenzene	ND	4.8

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	P2-20	Diln Fac: 0.9597
Lab ID:	234017-008	Batch#: 183254
Matrix:	Soil	Sampled: 01/25/12
Units:	ug/Kg	Received: 01/25/12
Basis:	as received	Analyzed: 01/26/12

Analyte	Result	RL
Bromobenzene	ND	4.8
1,3,5-Trimethylbenzene	ND	4.8
2-Chlorotoluene	ND	4.8
4-Chlorotoluene	ND	4.8
tert-Butylbenzene	ND	4.8
1,2,4-Trimethylbenzene	ND	4.8
sec-Butylbenzene	ND	4.8
para-Isopropyl Toluene	ND	4.8
1,3-Dichlorobenzene	ND	4.8
1,4-Dichlorobenzene	ND	4.8
n-Butylbenzene	ND	4.8
1,2-Dichlorobenzene	ND	4.8
1,2-Dibromo-3-Chloropropane	ND	4.8
1,2,4-Trichlorobenzene	ND	4.8
Hexachlorobutadiene	ND	4.8
Naphthalene	ND	4.8
1,2,3-Trichlorobenzene	ND	4.8

Surrogate	%REC	Limits
Dibromofluoromethane	112	74-133
1,2-Dichloroethane-d4	131	74-136
Toluene-d8	100	80-120
Bromofluorobenzene	102	77-130

ND= Not Detected  
 RL= Reporting Limit  
 Page 2 of 2

Volatile Organics			
Lab #:	234017	Location:	2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep:	EPA 5030B
Project#:	2145 35TH AVENUE	Analysis:	EPA 8260B
Field ID:	P3-8	Diln Fac:	0.9560
Lab ID:	234017-010	Batch#:	183254
Matrix:	Soil	Sampled:	01/25/12
Units:	ug/Kg	Received:	01/25/12
Basis:	as received	Analyzed:	01/26/12

Analyte	Result	RL
Freon 12	ND	9.6
tert-Butyl Alcohol (TBA)	ND	96
Chloromethane	ND	9.6
Isopropyl Ether (DIPE)	ND	4.8
Vinyl Chloride	ND	9.6
Bromomethane	ND	9.6
Ethyl tert-Butyl Ether (ETBE)	ND	4.8
Chloroethane	ND	9.6
Methyl tert-Amyl Ether (TAME)	ND	4.8
Trichlorofluoromethane	ND	4.8
Acetone	ND	19
Freon 113	ND	4.8
1,1-Dichloroethene	ND	4.8
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.8
MTBE	ND	4.8
trans-1,2-Dichloroethene	ND	4.8
Vinyl Acetate	ND	48
1,1-Dichloroethane	ND	4.8
2-Butanone	ND	9.6
cis-1,2-Dichloroethene	ND	4.8
2,2-Dichloropropane	ND	4.8
Chloroform	ND	4.8
Bromochloromethane	ND	4.8
1,1,1-Trichloroethane	ND	4.8
1,1-Dichloropropene	ND	4.8
Carbon Tetrachloride	ND	4.8
1,2-Dichloroethane	ND	4.8
Benzene	ND	4.8
Trichloroethene	ND	4.8
1,2-Dichloropropane	ND	4.8
Bromodichloromethane	ND	4.8
Dibromomethane	ND	4.8
4-Methyl-2-Pentanone	ND	9.6
cis-1,3-Dichloropropene	ND	4.8
Toluene	ND	4.8
trans-1,3-Dichloropropene	ND	4.8
1,1,2-Trichloroethane	ND	4.8
2-Hexanone	ND	9.6
1,3-Dichloropropane	ND	4.8
Tetrachloroethene	ND	4.8
Dibromochloromethane	ND	4.8
1,2-Dibromoethane	ND	4.8
Chlorobenzene	ND	4.8
1,1,1,2-Tetrachloroethane	ND	4.8
Ethylbenzene	ND	4.8
m,p-Xylenes	ND	4.8
o-Xylene	ND	4.8
Styrene	ND	4.8
Bromoform	ND	4.8
Isopropylbenzene	ND	4.8
1,1,2,2-Tetrachloroethane	ND	4.8
1,2,3-Trichloropropane	ND	4.8

\*= Value outside of QC limits; see narrative

ND= Not Detected

RL= Reporting Limit

Volatile Organics		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	P3-8	Diln Fac: 0.9560
Lab ID:	234017-010	Batch#: 183254
Matrix:	Soil	Sampled: 01/25/12
Units:	ug/Kg	Received: 01/25/12
Basis:	as received	Analyzed: 01/26/12

Analyte	Result	RL
Propylbenzene	ND	4.8
Bromobenzene	ND	4.8
1,3,5-Trimethylbenzene	ND	4.8
2-Chlorotoluene	ND	4.8
4-Chlorotoluene	ND	4.8
tert-Butylbenzene	ND	4.8
1,2,4-Trimethylbenzene	ND	4.8
sec-Butylbenzene	ND	4.8
para-Isopropyl Toluene	ND	4.8
1,3-Dichlorobenzene	ND	4.8
1,4-Dichlorobenzene	ND	4.8
n-Butylbenzene	ND	4.8
1,2-Dichlorobenzene	ND	4.8
1,2-Dibromo-3-Chloropropane	ND	4.8
1,2,4-Trichlorobenzene	ND	4.8
Hexachlorobutadiene	ND	4.8
Naphthalene	ND	4.8
1,2,3-Trichlorobenzene	ND	4.8

Surrogate	%REC	Limits
Dibromofluoromethane	120	74-133
1,2-Dichloroethane-d4	138 *	74-136
Toluene-d8	102	80-120
Bromofluorobenzene	105	77-130

\*= Value outside of QC limits; see narrative  
 ND= Not Detected  
 RL= Reporting Limit

Volatile Organics		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	P3-12	Diln Fac: 0.9452
Lab ID:	234017-011	Batch#: 183254
Matrix:	Soil	Sampled: 01/25/12
Units:	ug/Kg	Received: 01/25/12
Basis:	as received	Analyzed: 01/26/12

Analyte	Result	RL
Freon 12	ND	9.5
tert-Butyl Alcohol (TBA)	ND	95
Chloromethane	ND	9.5
Isopropyl Ether (DIPE)	ND	4.7
Vinyl Chloride	ND	9.5
Bromomethane	ND	9.5
Ethyl tert-Butyl Ether (ETBE)	ND	4.7
Chloroethane	ND	9.5
Methyl tert-Amyl Ether (TAME)	ND	4.7
Trichlorofluoromethane	ND	4.7
Acetone	ND	19
Freon 113	ND	4.7
1,1-Dichloroethene	ND	4.7
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.7
MTBE	ND	4.7
trans-1,2-Dichloroethene	ND	4.7
Vinyl Acetate	ND	47
1,1-Dichloroethane	ND	4.7
2-Butanone	ND	9.5
cis-1,2-Dichloroethene	ND	4.7
2,2-Dichloropropane	ND	4.7
Chloroform	ND	4.7
Bromochloromethane	ND	4.7
1,1,1-Trichloroethane	ND	4.7
1,1-Dichloropropene	ND	4.7
Carbon Tetrachloride	ND	4.7
1,2-Dichloroethane	ND	4.7
Benzene	ND	4.7
Trichloroethene	ND	4.7
1,2-Dichloropropane	ND	4.7
Bromodichloromethane	ND	4.7
Dibromomethane	ND	4.7
4-Methyl-2-Pentanone	ND	9.5
cis-1,3-Dichloropropene	ND	4.7
Toluene	ND	4.7
trans-1,3-Dichloropropene	ND	4.7
1,1,2-Trichloroethane	ND	4.7
2-Hexanone	ND	9.5
1,3-Dichloropropane	ND	4.7
Tetrachloroethene	ND	4.7
Dibromochloromethane	ND	4.7
1,2-Dibromoethane	ND	4.7
Chlorobenzene	ND	4.7
1,1,1,2-Tetrachloroethane	ND	4.7
Ethylbenzene	ND	4.7
m,p-Xylenes	ND	4.7
o-Xylene	ND	4.7
Styrene	ND	4.7
Bromoform	ND	4.7
Isopropylbenzene	ND	4.7
1,1,2,2-Tetrachloroethane	ND	4.7
1,2,3-Trichloropropane	ND	4.7
Propylbenzene	ND	4.7

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	P3-12	Diln Fac: 0.9452
Lab ID:	234017-011	Batch#: 183254
Matrix:	Soil	Sampled: 01/25/12
Units:	ug/Kg	Received: 01/25/12
Basis:	as received	Analyzed: 01/26/12

Analyte	Result	RL
Bromobenzene	ND	4.7
1,3,5-Trimethylbenzene	ND	4.7
2-Chlorotoluene	ND	4.7
4-Chlorotoluene	ND	4.7
tert-Butylbenzene	ND	4.7
1,2,4-Trimethylbenzene	ND	4.7
sec-Butylbenzene	ND	4.7
para-Isopropyl Toluene	ND	4.7
1,3-Dichlorobenzene	ND	4.7
1,4-Dichlorobenzene	ND	4.7
n-Butylbenzene	ND	4.7
1,2-Dichlorobenzene	ND	4.7
1,2-Dibromo-3-Chloropropane	ND	4.7
1,2,4-Trichlorobenzene	ND	4.7
Hexachlorobutadiene	ND	4.7
Naphthalene	ND	4.7
1,2,3-Trichlorobenzene	ND	4.7

Surrogate	%REC	Limits
Dibromofluoromethane	115	74-133
1,2-Dichloroethane-d4	135	74-136
Toluene-d8	100	80-120
Bromofluorobenzene	105	77-130

ND= Not Detected  
 RL= Reporting Limit  
 Page 2 of 2

Volatile Organics		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	P4-8	Diln Fac: 0.9506
Lab ID:	234017-013	Batch#: 183254
Matrix:	Soil	Sampled: 01/25/12
Units:	ug/Kg	Received: 01/25/12
Basis:	as received	Analyzed: 01/26/12

Analyte	Result	RL
Freon 12	ND	9.5
tert-Butyl Alcohol (TBA)	ND	95
Chloromethane	ND	9.5
Isopropyl Ether (DIPE)	ND	4.8
Vinyl Chloride	ND	9.5
Bromomethane	ND	9.5
Ethyl tert-Butyl Ether (ETBE)	ND	4.8
Chloroethane	ND	9.5
Methyl tert-Amyl Ether (TAME)	ND	4.8
Trichlorofluoromethane	ND	4.8
Acetone	ND	19
Freon 113	ND	4.8
1,1-Dichloroethene	ND	4.8
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.8
MTBE	ND	4.8
trans-1,2-Dichloroethene	ND	4.8
Vinyl Acetate	ND	48
1,1-Dichloroethane	ND	4.8
2-Butanone	ND	9.5
cis-1,2-Dichloroethene	ND	4.8
2,2-Dichloropropane	ND	4.8
Chloroform	ND	4.8
Bromochloromethane	ND	4.8
1,1,1-Trichloroethane	ND	4.8
1,1-Dichloropropene	ND	4.8
Carbon Tetrachloride	ND	4.8
1,2-Dichloroethane	ND	4.8
Benzene	ND	4.8
Trichloroethene	ND	4.8
1,2-Dichloropropane	ND	4.8
Bromodichloromethane	ND	4.8
Dibromomethane	ND	4.8
4-Methyl-2-Pentanone	ND	9.5
cis-1,3-Dichloropropene	ND	4.8
Toluene	ND	4.8
trans-1,3-Dichloropropene	ND	4.8
1,1,2-Trichloroethane	ND	4.8
2-Hexanone	ND	9.5
1,3-Dichloropropane	ND	4.8
Tetrachloroethene	ND	4.8
Dibromochloromethane	ND	4.8
1,2-Dibromoethane	ND	4.8
Chlorobenzene	ND	4.8
1,1,1,2-Tetrachloroethane	ND	4.8
Ethylbenzene	ND	4.8
m,p-Xylenes	ND	4.8
o-Xylene	ND	4.8
Styrene	ND	4.8
Bromoform	ND	4.8
Isopropylbenzene	ND	4.8
1,1,2,2-Tetrachloroethane	ND	4.8
1,2,3-Trichloropropane	ND	4.8
Propylbenzene	ND	4.8

ND= Not Detected  
 RL= Reporting Limit



Volatile Organics		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	P4-8	Diln Fac: 0.9506
Lab ID:	234017-013	Batch#: 183254
Matrix:	Soil	Sampled: 01/25/12
Units:	ug/Kg	Received: 01/25/12
Basis:	as received	Analyzed: 01/26/12

Analyte	Result	RL
Bromobenzene	ND	4.8
1,3,5-Trimethylbenzene	ND	4.8
2-Chlorotoluene	ND	4.8
4-Chlorotoluene	ND	4.8
tert-Butylbenzene	ND	4.8
1,2,4-Trimethylbenzene	ND	4.8
sec-Butylbenzene	ND	4.8
para-Isopropyl Toluene	ND	4.8
1,3-Dichlorobenzene	ND	4.8
1,4-Dichlorobenzene	ND	4.8
n-Butylbenzene	ND	4.8
1,2-Dichlorobenzene	ND	4.8
1,2-Dibromo-3-Chloropropane	ND	4.8
1,2,4-Trichlorobenzene	ND	4.8
Hexachlorobutadiene	ND	4.8
Naphthalene	ND	4.8
1,2,3-Trichlorobenzene	ND	4.8

Surrogate	%REC	Limits
Dibromofluoromethane	106	74-133
1,2-Dichloroethane-d4	128	74-136
Toluene-d8	101	80-120
Bromofluorobenzene	108	77-130

ND= Not Detected  
 RL= Reporting Limit  
 Page 2 of 2

Volatile Organics		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	P4-12	Diln Fac: 0.9690
Lab ID:	234017-014	Batch#: 183254
Matrix:	Soil	Sampled: 01/25/12
Units:	ug/Kg	Received: 01/25/12
Basis:	as received	Analyzed: 01/26/12

Analyte	Result	RL
Freon 12	ND	9.7
tert-Butyl Alcohol (TBA)	ND	97
Chloromethane	ND	9.7
Isopropyl Ether (DIPE)	ND	4.8
Vinyl Chloride	ND	9.7
Bromomethane	ND	9.7
Ethyl tert-Butyl Ether (ETBE)	ND	4.8
Chloroethane	ND	9.7
Methyl tert-Amyl Ether (TAME)	ND	4.8
Trichlorofluoromethane	ND	4.8
Acetone	ND	19
Freon 113	ND	4.8
1,1-Dichloroethene	ND	4.8
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.8
MTBE	ND	4.8
trans-1,2-Dichloroethene	ND	4.8
Vinyl Acetate	ND	48
1,1-Dichloroethane	ND	4.8
2-Butanone	ND	9.7
cis-1,2-Dichloroethene	ND	4.8
2,2-Dichloropropane	ND	4.8
Chloroform	ND	4.8
Bromochloromethane	ND	4.8
1,1,1-Trichloroethane	ND	4.8
1,1-Dichloropropene	ND	4.8
Carbon Tetrachloride	ND	4.8
1,2-Dichloroethane	ND	4.8
Benzene	ND	4.8
Trichloroethene	ND	4.8
1,2-Dichloropropane	ND	4.8
Bromodichloromethane	ND	4.8
Dibromomethane	ND	4.8
4-Methyl-2-Pentanone	ND	9.7
cis-1,3-Dichloropropene	ND	4.8
Toluene	ND	4.8
trans-1,3-Dichloropropene	ND	4.8
1,1,2-Trichloroethane	ND	4.8
2-Hexanone	ND	9.7
1,3-Dichloropropane	ND	4.8
Tetrachloroethene	ND	4.8
Dibromochloromethane	ND	4.8
1,2-Dibromoethane	ND	4.8
Chlorobenzene	ND	4.8
1,1,1,2-Tetrachloroethane	ND	4.8
Ethylbenzene	ND	4.8
m,p-Xylenes	ND	4.8
o-Xylene	ND	4.8
Styrene	ND	4.8
Bromoform	ND	4.8
Isopropylbenzene	ND	4.8
1,1,2,2-Tetrachloroethane	ND	4.8
1,2,3-Trichloropropane	ND	4.8
Propylbenzene	ND	4.8

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	P4-12	Diln Fac: 0.9690
Lab ID:	234017-014	Batch#: 183254
Matrix:	Soil	Sampled: 01/25/12
Units:	ug/Kg	Received: 01/25/12
Basis:	as received	Analyzed: 01/26/12

Analyte	Result	RL
Bromobenzene	ND	4.8
1,3,5-Trimethylbenzene	ND	4.8
2-Chlorotoluene	ND	4.8
4-Chlorotoluene	ND	4.8
tert-Butylbenzene	ND	4.8
1,2,4-Trimethylbenzene	ND	4.8
sec-Butylbenzene	ND	4.8
para-Isopropyl Toluene	ND	4.8
1,3-Dichlorobenzene	ND	4.8
1,4-Dichlorobenzene	ND	4.8
n-Butylbenzene	ND	4.8
1,2-Dichlorobenzene	ND	4.8
1,2-Dibromo-3-Chloropropane	ND	4.8
1,2,4-Trichlorobenzene	ND	4.8
Hexachlorobutadiene	ND	4.8
Naphthalene	ND	4.8
1,2,3-Trichlorobenzene	ND	4.8

Surrogate	%REC	Limits
Dibromofluoromethane	107	74-133
1,2-Dichloroethane-d4	130	74-136
Toluene-d8	101	80-120
Bromofluorobenzene	107	77-130

ND= Not Detected  
 RL= Reporting Limit  
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Volatile Organics			
Lab #:	234017	Location:	2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep:	EPA 5030B
Project#:	2145 35TH AVENUE	Analysis:	EPA 8260B
Field ID:	BH6-8	Diln Fac:	0.9881
Lab ID:	234017-016	Batch#:	183254
Matrix:	Soil	Sampled:	01/25/12
Units:	ug/Kg	Received:	01/25/12
Basis:	as received	Analyzed:	01/26/12

Analyte	Result	RL
Freon 12	ND	9.9
tert-Butyl Alcohol (TBA)	ND	99
Chloromethane	ND	9.9
Isopropyl Ether (DIPE)	ND	4.9
Vinyl Chloride	ND	9.9
Bromomethane	ND	9.9
Ethyl tert-Butyl Ether (ETBE)	ND	4.9
Chloroethane	ND	9.9
Methyl tert-Amyl Ether (TAME)	ND	4.9
Trichlorofluoromethane	ND	4.9
Acetone	ND	20
Freon 113	ND	4.9
1,1-Dichloroethene	ND	4.9
Methylene Chloride	ND	20
Carbon Disulfide	ND	4.9
MTBE	ND	4.9
trans-1,2-Dichloroethene	ND	4.9
Vinyl Acetate	ND	49
1,1-Dichloroethane	ND	4.9
2-Butanone	ND	9.9
cis-1,2-Dichloroethene	ND	4.9
2,2-Dichloropropane	ND	4.9
Chloroform	ND	4.9
Bromochloromethane	ND	4.9
1,1,1-Trichloroethane	ND	4.9
1,1-Dichloropropene	ND	4.9
Carbon Tetrachloride	ND	4.9
1,2-Dichloroethane	ND	4.9
Benzene	ND	4.9
Trichloroethene	ND	4.9
1,2-Dichloropropane	ND	4.9
Bromodichloromethane	ND	4.9
Dibromomethane	ND	4.9
4-Methyl-2-Pentanone	ND	9.9
cis-1,3-Dichloropropene	ND	4.9
Toluene	ND	4.9
trans-1,3-Dichloropropene	ND	4.9
1,1,2-Trichloroethane	ND	4.9
2-Hexanone	ND	9.9
1,3-Dichloropropane	ND	4.9
Tetrachloroethene	ND	4.9
Dibromochloromethane	ND	4.9
1,2-Dibromoethane	ND	4.9
Chlorobenzene	ND	4.9
1,1,1,2-Tetrachloroethane	ND	4.9
Ethylbenzene	ND	4.9
m,p-Xylenes	ND	4.9
o-Xylene	ND	4.9
Styrene	ND	4.9
Bromoform	ND	4.9
Isopropylbenzene	ND	4.9
1,1,2,2-Tetrachloroethane	ND	4.9
1,2,3-Trichloropropane	ND	4.9
Propylbenzene	ND	4.9

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	BH6-8	Diln Fac: 0.9881
Lab ID:	234017-016	Batch#: 183254
Matrix:	Soil	Sampled: 01/25/12
Units:	ug/Kg	Received: 01/25/12
Basis:	as received	Analyzed: 01/26/12

Analyte	Result	RL
Bromobenzene	ND	4.9
1,3,5-Trimethylbenzene	ND	4.9
2-Chlorotoluene	ND	4.9
4-Chlorotoluene	ND	4.9
tert-Butylbenzene	ND	4.9
1,2,4-Trimethylbenzene	ND	4.9
sec-Butylbenzene	ND	4.9
para-Isopropyl Toluene	ND	4.9
1,3-Dichlorobenzene	ND	4.9
1,4-Dichlorobenzene	ND	4.9
n-Butylbenzene	ND	4.9
1,2-Dichlorobenzene	ND	4.9
1,2-Dibromo-3-Chloropropane	ND	4.9
1,2,4-Trichlorobenzene	ND	4.9
Hexachlorobutadiene	ND	4.9
Naphthalene	ND	4.9
1,2,3-Trichlorobenzene	ND	4.9

Surrogate	%REC	Limits
Dibromofluoromethane	106	74-133
1,2-Dichloroethane-d4	130	74-136
Toluene-d8	102	80-120
Bromofluorobenzene	108	77-130

ND= Not Detected  
 RL= Reporting Limit  
 Page 2 of 2

Volatile Organics			
Lab #:	234017	Location:	2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep:	EPA 5030B
Project#:	2145 35TH AVENUE	Analysis:	EPA 8260B
Field ID:	BH6-12	Diln Fac:	10.00
Lab ID:	234017-017	Batch#:	183254
Matrix:	Soil	Sampled:	01/25/12
Units:	ug/Kg	Received:	01/25/12
Basis:	as received	Analyzed:	01/26/12

Analyte	Result	RL
Freon 12	ND	100
tert-Butyl Alcohol (TBA)	ND	1,000
Chloromethane	ND	100
Isopropyl Ether (DIPE)	ND	50
Vinyl Chloride	ND	100
Bromomethane	ND	100
Ethyl tert-Butyl Ether (ETBE)	ND	50
Chloroethane	ND	100
Methyl tert-Amyl Ether (TAME)	ND	50
Trichlorofluoromethane	ND	50
Acetone	ND	200
Freon 113	ND	50
1,1-Dichloroethene	ND	50
Methylene Chloride	ND	200
Carbon Disulfide	ND	50
MTBE	ND	50
trans-1,2-Dichloroethene	ND	50
Vinyl Acetate	ND	500
1,1-Dichloroethane	ND	50
2-Butanone	ND	100
cis-1,2-Dichloroethene	ND	50
2,2-Dichloropropane	ND	50
Chloroform	ND	50
Bromochloromethane	ND	50
1,1,1-Trichloroethane	ND	50
1,1-Dichloropropene	ND	50
Carbon Tetrachloride	ND	50
1,2-Dichloroethane	ND	50
Benzene	ND	50
Trichloroethene	ND	50
1,2-Dichloropropane	ND	50
Bromodichloromethane	ND	50
Dibromomethane	ND	50
4-Methyl-2-Pentanone	ND	100
cis-1,3-Dichloropropene	ND	50
Toluene	ND	50
trans-1,3-Dichloropropene	ND	50
1,1,2-Trichloroethane	ND	50
2-Hexanone	ND	100
1,3-Dichloropropane	ND	50
Tetrachloroethene	ND	50
Dibromochloromethane	ND	50
1,2-Dibromoethane	ND	50
Chlorobenzene	ND	50
1,1,1,2-Tetrachloroethane	ND	50
Ethylbenzene	ND	50
m,p-Xylenes	ND	50
o-Xylene	ND	50
Styrene	ND	50
Bromoform	ND	50
Isopropylbenzene	750	50
1,1,2,2-Tetrachloroethane	ND	50
1,2,3-Trichloropropane	ND	50

\*= Value outside of QC limits; see narrative

ND= Not Detected

RL= Reporting Limit

Volatile Organics		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	BH6-12	Diln Fac: 10.00
Lab ID:	234017-017	Batch#: 183254
Matrix:	Soil	Sampled: 01/25/12
Units:	ug/Kg	Received: 01/25/12
Basis:	as received	Analyzed: 01/26/12

Analyte	Result	RL
Propylbenzene	1,800	50
Bromobenzene	ND	50
1,3,5-Trimethylbenzene	ND	50
2-Chlorotoluene	ND	50
4-Chlorotoluene	ND	50
tert-Butylbenzene	250	50
1,2,4-Trimethylbenzene	ND	50
sec-Butylbenzene	620	50
para-Isopropyl Toluene	ND	50
1,3-Dichlorobenzene	ND	50
1,4-Dichlorobenzene	ND	50
n-Butylbenzene	1,600	50
1,2-Dichlorobenzene	ND	50
1,2-Dibromo-3-Chloropropane	ND	50
1,2,4-Trichlorobenzene	ND	50
Hexachlorobutadiene	ND	50
Naphthalene	840	50
1,2,3-Trichlorobenzene	ND	50

Surrogate	%REC	Limits
Dibromofluoromethane	91	74-133
1,2-Dichloroethane-d4	106	74-136
Toluene-d8	97	80-120
Bromofluorobenzene	187 *	77-130

\*= Value outside of QC limits; see narrative  
 ND= Not Detected  
 RL= Reporting Limit  
 Page 2 of 2

Volatile Organics		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	BH6-16	Diln Fac: 0.9709
Lab ID:	234017-018	Batch#: 183254
Matrix:	Soil	Sampled: 01/25/12
Units:	ug/Kg	Received: 01/25/12
Basis:	as received	Analyzed: 01/26/12

Analyte	Result	RL
Freon 12	ND	9.7
tert-Butyl Alcohol (TBA)	ND	97
Chloromethane	ND	9.7
Isopropyl Ether (DIPE)	ND	4.9
Vinyl Chloride	ND	9.7
Bromomethane	ND	9.7
Ethyl tert-Butyl Ether (ETBE)	ND	4.9
Chloroethane	ND	9.7
Methyl tert-Amyl Ether (TAME)	ND	4.9
Trichlorofluoromethane	ND	4.9
Acetone	ND	19
Freon 113	ND	4.9
1,1-Dichloroethene	ND	4.9
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.9
MTBE	ND	4.9
trans-1,2-Dichloroethene	ND	4.9
Vinyl Acetate	ND	49
1,1-Dichloroethane	ND	4.9
2-Butanone	ND	9.7
cis-1,2-Dichloroethene	ND	4.9
2,2-Dichloropropane	ND	4.9
Chloroform	ND	4.9
Bromochloromethane	ND	4.9
1,1,1-Trichloroethane	ND	4.9
1,1-Dichloropropene	ND	4.9
Carbon Tetrachloride	ND	4.9
1,2-Dichloroethane	ND	4.9
Benzene	ND	4.9
Trichloroethene	ND	4.9
1,2-Dichloropropane	ND	4.9
Bromodichloromethane	ND	4.9
Dibromomethane	ND	4.9
4-Methyl-2-Pentanone	ND	9.7
cis-1,3-Dichloropropene	ND	4.9
Toluene	ND	4.9
trans-1,3-Dichloropropene	ND	4.9
1,1,2-Trichloroethane	ND	4.9
2-Hexanone	ND	9.7
1,3-Dichloropropane	ND	4.9
Tetrachloroethene	ND	4.9
Dibromochloromethane	ND	4.9
1,2-Dibromoethane	ND	4.9
Chlorobenzene	ND	4.9
1,1,1,2-Tetrachloroethane	ND	4.9
Ethylbenzene	ND	4.9
m,p-Xylenes	ND	4.9
o-Xylene	ND	4.9
Styrene	ND	4.9
Bromoform	ND	4.9
Isopropylbenzene	ND	4.9
1,1,2,2-Tetrachloroethane	ND	4.9
1,2,3-Trichloropropane	ND	4.9
Propylbenzene	ND	4.9

ND= Not Detected  
 RL= Reporting Limit



Volatile Organics		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	BH6-16	Diln Fac: 0.9709
Lab ID:	234017-018	Batch#: 183254
Matrix:	Soil	Sampled: 01/25/12
Units:	ug/Kg	Received: 01/25/12
Basis:	as received	Analyzed: 01/26/12

Analyte	Result	RL
Bromobenzene	ND	4.9
1,3,5-Trimethylbenzene	ND	4.9
2-Chlorotoluene	ND	4.9
4-Chlorotoluene	ND	4.9
tert-Butylbenzene	ND	4.9
1,2,4-Trimethylbenzene	ND	4.9
sec-Butylbenzene	ND	4.9
para-Isopropyl Toluene	ND	4.9
1,3-Dichlorobenzene	ND	4.9
1,4-Dichlorobenzene	ND	4.9
n-Butylbenzene	ND	4.9
1,2-Dichlorobenzene	ND	4.9
1,2-Dibromo-3-Chloropropane	ND	4.9
1,2,4-Trichlorobenzene	ND	4.9
Hexachlorobutadiene	ND	4.9
Naphthalene	ND	4.9
1,2,3-Trichlorobenzene	ND	4.9

Surrogate	%REC	Limits
Dibromofluoromethane	102	74-133
1,2-Dichloroethane-d4	127	74-136
Toluene-d8	102	80-120
Bromofluorobenzene	107	77-130

ND= Not Detected  
 RL= Reporting Limit  
 Page 2 of 2

Volatile Organics			
Lab #:	234017	Location:	2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep:	EPA 5030B
Project#:	2145 35TH AVENUE	Analysis:	EPA 8260B
Field ID:	BH7-8	Diln Fac:	0.9881
Lab ID:	234017-020	Batch#:	183254
Matrix:	Soil	Sampled:	01/25/12
Units:	ug/Kg	Received:	01/25/12
Basis:	as received	Analyzed:	01/26/12

Analyte	Result	RL
Freon 12	ND	9.9
tert-Butyl Alcohol (TBA)	ND	99
Chloromethane	ND	9.9
Isopropyl Ether (DIPE)	ND	4.9
Vinyl Chloride	ND	9.9
Bromomethane	ND	9.9
Ethyl tert-Butyl Ether (ETBE)	ND	4.9
Chloroethane	ND	9.9
Methyl tert-Amyl Ether (TAME)	ND	4.9
Trichlorofluoromethane	ND	4.9
Acetone	ND	20
Freon 113	ND	4.9
1,1-Dichloroethene	ND	4.9
Methylene Chloride	ND	20
Carbon Disulfide	ND	4.9
MTBE	ND	4.9
trans-1,2-Dichloroethene	ND	4.9
Vinyl Acetate	ND	49
1,1-Dichloroethane	ND	4.9
2-Butanone	ND	9.9
cis-1,2-Dichloroethene	ND	4.9
2,2-Dichloropropane	ND	4.9
Chloroform	ND	4.9
Bromochloromethane	ND	4.9
1,1,1-Trichloroethane	ND	4.9
1,1-Dichloropropene	ND	4.9
Carbon Tetrachloride	ND	4.9
1,2-Dichloroethane	ND	4.9
Benzene	ND	4.9
Trichloroethene	ND	4.9
1,2-Dichloropropane	ND	4.9
Bromodichloromethane	ND	4.9
Dibromomethane	ND	4.9
4-Methyl-2-Pentanone	ND	9.9
cis-1,3-Dichloropropene	ND	4.9
Toluene	ND	4.9
trans-1,3-Dichloropropene	ND	4.9
1,1,2-Trichloroethane	ND	4.9
2-Hexanone	ND	9.9
1,3-Dichloropropane	ND	4.9
Tetrachloroethene	ND	4.9
Dibromochloromethane	ND	4.9
1,2-Dibromoethane	ND	4.9
Chlorobenzene	ND	4.9
1,1,1,2-Tetrachloroethane	ND	4.9
Ethylbenzene	ND	4.9
m,p-Xylenes	ND	4.9
o-Xylene	ND	4.9
Styrene	ND	4.9
Bromoform	ND	4.9
Isopropylbenzene	ND	4.9
1,1,2,2-Tetrachloroethane	ND	4.9
1,2,3-Trichloropropane	ND	4.9
Propylbenzene	ND	4.9

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	BH7-8	Diln Fac: 0.9881
Lab ID:	234017-020	Batch#: 183254
Matrix:	Soil	Sampled: 01/25/12
Units:	ug/Kg	Received: 01/25/12
Basis:	as received	Analyzed: 01/26/12

Analyte	Result	RL
Bromobenzene	ND	4.9
1,3,5-Trimethylbenzene	ND	4.9
2-Chlorotoluene	ND	4.9
4-Chlorotoluene	ND	4.9
tert-Butylbenzene	ND	4.9
1,2,4-Trimethylbenzene	ND	4.9
sec-Butylbenzene	ND	4.9
para-Isopropyl Toluene	ND	4.9
1,3-Dichlorobenzene	ND	4.9
1,4-Dichlorobenzene	ND	4.9
n-Butylbenzene	ND	4.9
1,2-Dichlorobenzene	ND	4.9
1,2-Dibromo-3-Chloropropane	ND	4.9
1,2,4-Trichlorobenzene	ND	4.9
Hexachlorobutadiene	ND	4.9
Naphthalene	ND	4.9
1,2,3-Trichlorobenzene	ND	4.9

Surrogate	%REC	Limits
Dibromofluoromethane	109	74-133
1,2-Dichloroethane-d4	130	74-136
Toluene-d8	103	80-120
Bromofluorobenzene	108	77-130

ND= Not Detected  
 RL= Reporting Limit  
 Page 2 of 2

Volatile Organics			
Lab #:	234017	Location:	2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep:	EPA 5030B
Project#:	2145 35TH AVENUE	Analysis:	EPA 8260B
Field ID:	BH7-12	Diln Fac:	0.9634
Lab ID:	234017-021	Batch#:	183269
Matrix:	Soil	Sampled:	01/25/12
Units:	ug/Kg	Received:	01/25/12
Basis:	as received	Analyzed:	01/26/12

Analyte	Result	RL
Freon 12	ND	9.6
tert-Butyl Alcohol (TBA)	ND	96
Chloromethane	ND	9.6
Isopropyl Ether (DIPE)	ND	4.8
Vinyl Chloride	ND	9.6
Bromomethane	ND	9.6
Ethyl tert-Butyl Ether (ETBE)	ND	4.8
Chloroethane	ND	9.6
Methyl tert-Amyl Ether (TAME)	ND	4.8
Trichlorofluoromethane	ND	4.8
Acetone	ND	19
Freon 113	ND	4.8
1,1-Dichloroethene	ND	4.8
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.8
MTBE	ND	4.8
trans-1,2-Dichloroethene	ND	4.8
Vinyl Acetate	ND	48
1,1-Dichloroethane	ND	4.8
2-Butanone	ND	9.6
cis-1,2-Dichloroethene	ND	4.8
2,2-Dichloropropane	ND	4.8
Chloroform	ND	4.8
Bromochloromethane	ND	4.8
1,1,1-Trichloroethane	ND	4.8
1,1-Dichloropropene	ND	4.8
Carbon Tetrachloride	ND	4.8
1,2-Dichloroethane	ND	4.8
Benzene	ND	4.8
Trichloroethene	ND	4.8
1,2-Dichloropropane	ND	4.8
Bromodichloromethane	ND	4.8
Dibromomethane	ND	4.8
4-Methyl-2-Pentanone	ND	9.6
cis-1,3-Dichloropropene	ND	4.8
Toluene	ND	4.8
trans-1,3-Dichloropropene	ND	4.8
1,1,2-Trichloroethane	ND	4.8
2-Hexanone	ND	9.6
1,3-Dichloropropane	ND	4.8
Tetrachloroethene	ND	4.8
Dibromochloromethane	ND	4.8
1,2-Dibromoethane	ND	4.8
Chlorobenzene	ND	4.8
1,1,1,2-Tetrachloroethane	ND	4.8
Ethylbenzene	ND	4.8
m,p-Xylenes	ND	4.8
o-Xylene	ND	4.8
Styrene	ND	4.8
Bromoform	ND	4.8
Isopropylbenzene	ND	4.8
1,1,2,2-Tetrachloroethane	ND	4.8
1,2,3-Trichloropropane	ND	4.8
Propylbenzene	ND	4.8

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	BH7-12	Diln Fac: 0.9634
Lab ID:	234017-021	Batch#: 183269
Matrix:	Soil	Sampled: 01/25/12
Units:	ug/Kg	Received: 01/25/12
Basis:	as received	Analyzed: 01/26/12

Analyte	Result	RL
Bromobenzene	ND	4.8
1,3,5-Trimethylbenzene	ND	4.8
2-Chlorotoluene	ND	4.8
4-Chlorotoluene	ND	4.8
tert-Butylbenzene	ND	4.8
1,2,4-Trimethylbenzene	ND	4.8
sec-Butylbenzene	ND	4.8
para-Isopropyl Toluene	ND	4.8
1,3-Dichlorobenzene	ND	4.8
1,4-Dichlorobenzene	ND	4.8
n-Butylbenzene	ND	4.8
1,2-Dichlorobenzene	ND	4.8
1,2-Dibromo-3-Chloropropane	ND	4.8
1,2,4-Trichlorobenzene	ND	4.8
Hexachlorobutadiene	ND	4.8
Naphthalene	ND	4.8
1,2,3-Trichlorobenzene	ND	4.8

Surrogate	%REC	Limits
Dibromofluoromethane	101	74-133
1,2-Dichloroethane-d4	106	74-136
Toluene-d8	102	80-120
Bromofluorobenzene	102	77-130

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics			
Lab #:	234017	Location:	2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep:	EPA 5030B
Project#:	2145 35TH AVENUE	Analysis:	EPA 8260B
Field ID:	BH8-8	Diln Fac:	0.9506
Lab ID:	234017-023	Batch#:	183269
Matrix:	Soil	Sampled:	01/25/12
Units:	ug/Kg	Received:	01/25/12
Basis:	as received	Analyzed:	01/26/12

Analyte	Result	RL
Freon 12	ND	9.5
tert-Butyl Alcohol (TBA)	ND	95
Chloromethane	ND	9.5
Isopropyl Ether (DIPE)	ND	4.8
Vinyl Chloride	ND	9.5
Bromomethane	ND	9.5
Ethyl tert-Butyl Ether (ETBE)	ND	4.8
Chloroethane	ND	9.5
Methyl tert-Amyl Ether (TAME)	ND	4.8
Trichlorofluoromethane	ND	4.8
Acetone	24	19
Freon 113	ND	4.8
1,1-Dichloroethene	ND	4.8
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.8
MTBE	ND	4.8
trans-1,2-Dichloroethene	ND	4.8
Vinyl Acetate	ND	48
1,1-Dichloroethane	ND	4.8
2-Butanone	ND	9.5
cis-1,2-Dichloroethene	ND	4.8
2,2-Dichloropropane	ND	4.8
Chloroform	ND	4.8
Bromochloromethane	ND	4.8
1,1,1-Trichloroethane	ND	4.8
1,1-Dichloropropene	ND	4.8
Carbon Tetrachloride	ND	4.8
1,2-Dichloroethane	ND	4.8
Benzene	ND	4.8
Trichloroethene	ND	4.8
1,2-Dichloropropane	ND	4.8
Bromodichloromethane	ND	4.8
Dibromomethane	ND	4.8
4-Methyl-2-Pentanone	ND	9.5
cis-1,3-Dichloropropene	ND	4.8
Toluene	ND	4.8
trans-1,3-Dichloropropene	ND	4.8
1,1,2-Trichloroethane	ND	4.8
2-Hexanone	ND	9.5
1,3-Dichloropropane	ND	4.8
Tetrachloroethene	ND	4.8
Dibromochloromethane	ND	4.8
1,2-Dibromoethane	ND	4.8
Chlorobenzene	ND	4.8
1,1,1,2-Tetrachloroethane	ND	4.8
Ethylbenzene	ND	4.8
m,p-Xylenes	ND	4.8
o-Xylene	ND	4.8
Styrene	ND	4.8
Bromoform	ND	4.8
Isopropylbenzene	ND	4.8
1,1,2,2-Tetrachloroethane	ND	4.8
1,2,3-Trichloropropane	ND	4.8
Propylbenzene	ND	4.8

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	BH8-8	Diln Fac: 0.9506
Lab ID:	234017-023	Batch#: 183269
Matrix:	Soil	Sampled: 01/25/12
Units:	ug/Kg	Received: 01/25/12
Basis:	as received	Analyzed: 01/26/12

Analyte	Result	RL
Bromobenzene	ND	4.8
1,3,5-Trimethylbenzene	ND	4.8
2-Chlorotoluene	ND	4.8
4-Chlorotoluene	ND	4.8
tert-Butylbenzene	ND	4.8
1,2,4-Trimethylbenzene	ND	4.8
sec-Butylbenzene	ND	4.8
para-Isopropyl Toluene	ND	4.8
1,3-Dichlorobenzene	ND	4.8
1,4-Dichlorobenzene	ND	4.8
n-Butylbenzene	ND	4.8
1,2-Dichlorobenzene	ND	4.8
1,2-Dibromo-3-Chloropropane	ND	4.8
1,2,4-Trichlorobenzene	ND	4.8
Hexachlorobutadiene	ND	4.8
Naphthalene	14	4.8
1,2,3-Trichlorobenzene	ND	4.8

Surrogate	%REC	Limits
Dibromofluoromethane	104	74-133
1,2-Dichloroethane-d4	108	74-136
Toluene-d8	101	80-120
Bromofluorobenzene	100	77-130

ND= Not Detected  
 RL= Reporting Limit  
 Page 2 of 2

Volatile Organics			
Lab #:	234017	Location:	2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep:	EPA 5030B
Project#:	2145 35TH AVENUE	Analysis:	EPA 8260B
Field ID:	BH8-12	Diln Fac:	4.950
Lab ID:	234017-024	Batch#:	183350
Matrix:	Soil	Sampled:	01/25/12
Units:	ug/Kg	Received:	01/25/12
Basis:	as received	Analyzed:	01/31/12

Analyte	Result	RL
Freon 12	ND	50
tert-Butyl Alcohol (TBA)	ND	500
Chloromethane	ND	50
Isopropyl Ether (DIPE)	ND	25
Vinyl Chloride	ND	50
Bromomethane	ND	50
Ethyl tert-Butyl Ether (ETBE)	ND	25
Chloroethane	ND	50
Methyl tert-Amyl Ether (TAME)	ND	25
Trichlorofluoromethane	ND	25
Acetone	120	99
Freon 113	ND	25
1,1-Dichloroethene	ND	25
Methylene Chloride	ND	99
Carbon Disulfide	ND	25
MTBE	ND	25
trans-1,2-Dichloroethene	ND	25
Vinyl Acetate	ND	250
1,1-Dichloroethane	ND	25
2-Butanone	ND	50
cis-1,2-Dichloroethene	ND	25
2,2-Dichloropropane	ND	25
Chloroform	ND	25
Bromochloromethane	ND	25
1,1,1-Trichloroethane	ND	25
1,1-Dichloropropene	ND	25
Carbon Tetrachloride	ND	25
1,2-Dichloroethane	ND	25
Benzene	ND	25
Trichloroethene	ND	25
1,2-Dichloropropane	ND	25
Bromodichloromethane	ND	25
Dibromomethane	ND	25
4-Methyl-2-Pentanone	ND	50
cis-1,3-Dichloropropene	ND	25
Toluene	ND	25
trans-1,3-Dichloropropene	ND	25
1,1,2-Trichloroethane	ND	25
2-Hexanone	ND	50
1,3-Dichloropropane	ND	25
Tetrachloroethene	ND	25
Dibromochloromethane	ND	25
1,2-Dibromoethane	ND	25
Chlorobenzene	ND	25
1,1,1,2-Tetrachloroethane	ND	25
Ethylbenzene	ND	25
m,p-Xylenes	ND	25
o-Xylene	ND	25
Styrene	ND	25
Bromoform	ND	25
Isopropylbenzene	110	25
1,1,2,2-Tetrachloroethane	ND	25
1,2,3-Trichloropropane	ND	25
Propylbenzene	510	25

ND= Not Detected  
 RL= Reporting Limit



Volatile Organics		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	BH8-12	Diln Fac: 4.950
Lab ID:	234017-024	Batch#: 183350
Matrix:	Soil	Sampled: 01/25/12
Units:	ug/Kg	Received: 01/25/12
Basis:	as received	Analyzed: 01/31/12

Analyte	Result	RL
Bromobenzene	ND	25
1,3,5-Trimethylbenzene	ND	25
2-Chlorotoluene	ND	25
4-Chlorotoluene	ND	25
tert-Butylbenzene	ND	25
1,2,4-Trimethylbenzene	ND	25
sec-Butylbenzene	54	25
para-Isopropyl Toluene	ND	25
1,3-Dichlorobenzene	ND	25
1,4-Dichlorobenzene	ND	25
n-Butylbenzene	220	25
1,2-Dichlorobenzene	ND	25
1,2-Dibromo-3-Chloropropane	ND	25
1,2,4-Trichlorobenzene	ND	25
Hexachlorobutadiene	ND	25
Naphthalene	710	25
1,2,3-Trichlorobenzene	ND	25

Surrogate	%REC	Limits
Dibromofluoromethane	98	74-133
1,2-Dichloroethane-d4	100	74-136
Toluene-d8	96	80-120
Bromofluorobenzene	98	77-130

ND= Not Detected  
 RL= Reporting Limit  
 Page 2 of 2

Volatile Organics		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	BH8-16	Diln Fac: 0.9843
Lab ID:	234017-025	Batch#: 183269
Matrix:	Soil	Sampled: 01/25/12
Units:	ug/Kg	Received: 01/25/12
Basis:	as received	Analyzed: 01/26/12

Analyte	Result	RL
Freon 12	ND	9.8
tert-Butyl Alcohol (TBA)	ND	98
Chloromethane	ND	9.8
Isopropyl Ether (DIPE)	ND	4.9
Vinyl Chloride	ND	9.8
Bromomethane	ND	9.8
Ethyl tert-Butyl Ether (ETBE)	ND	4.9
Chloroethane	ND	9.8
Methyl tert-Amyl Ether (TAME)	ND	4.9
Trichlorofluoromethane	ND	4.9
Acetone	ND	20
Freon 113	ND	4.9
1,1-Dichloroethene	ND	4.9
Methylene Chloride	ND	20
Carbon Disulfide	ND	4.9
MTBE	ND	4.9
trans-1,2-Dichloroethene	ND	4.9
Vinyl Acetate	ND	49
1,1-Dichloroethane	ND	4.9
2-Butanone	ND	9.8
cis-1,2-Dichloroethene	ND	4.9
2,2-Dichloropropane	ND	4.9
Chloroform	ND	4.9
Bromochloromethane	ND	4.9
1,1,1-Trichloroethane	ND	4.9
1,1-Dichloropropene	ND	4.9
Carbon Tetrachloride	ND	4.9
1,2-Dichloroethane	ND	4.9
Benzene	ND	4.9
Trichloroethene	ND	4.9
1,2-Dichloropropane	ND	4.9
Bromodichloromethane	ND	4.9
Dibromomethane	ND	4.9
4-Methyl-2-Pentanone	ND	9.8
cis-1,3-Dichloropropene	ND	4.9
Toluene	ND	4.9
trans-1,3-Dichloropropene	ND	4.9
1,1,2-Trichloroethane	ND	4.9
2-Hexanone	ND	9.8
1,3-Dichloropropane	ND	4.9
Tetrachloroethene	ND	4.9
Dibromochloromethane	ND	4.9
1,2-Dibromoethane	ND	4.9
Chlorobenzene	ND	4.9
1,1,1,2-Tetrachloroethane	ND	4.9
Ethylbenzene	ND	4.9
m,p-Xylenes	ND	4.9
o-Xylene	ND	4.9
Styrene	ND	4.9
Bromoform	ND	4.9
Isopropylbenzene	ND	4.9
1,1,2,2-Tetrachloroethane	ND	4.9
1,2,3-Trichloropropane	ND	4.9
Propylbenzene	ND	4.9

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	BH8-16	Diln Fac: 0.9843
Lab ID:	234017-025	Batch#: 183269
Matrix:	Soil	Sampled: 01/25/12
Units:	ug/Kg	Received: 01/25/12
Basis:	as received	Analyzed: 01/26/12

Analyte	Result	RL
Bromobenzene	ND	4.9
1,3,5-Trimethylbenzene	ND	4.9
2-Chlorotoluene	ND	4.9
4-Chlorotoluene	ND	4.9
tert-Butylbenzene	ND	4.9
1,2,4-Trimethylbenzene	ND	4.9
sec-Butylbenzene	ND	4.9
para-Isopropyl Toluene	ND	4.9
1,3-Dichlorobenzene	ND	4.9
1,4-Dichlorobenzene	ND	4.9
n-Butylbenzene	ND	4.9
1,2-Dichlorobenzene	ND	4.9
1,2-Dibromo-3-Chloropropane	ND	4.9
1,2,4-Trichlorobenzene	ND	4.9
Hexachlorobutadiene	ND	4.9
Naphthalene	ND	4.9
1,2,3-Trichlorobenzene	ND	4.9

Surrogate	%REC	Limits
Dibromofluoromethane	104	74-133
1,2-Dichloroethane-d4	108	74-136
Toluene-d8	97	80-120
Bromofluorobenzene	99	77-130

ND= Not Detected  
 RL= Reporting Limit

**Batch QC Report**

<b>Volatile Organics</b>		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Type:	BLANK	Diln Fac: 1.000
Lab ID:	QC626549	Batch#: 183254
Matrix:	Soil	Analyzed: 01/26/12
Units:	ug/Kg	

<b>Analyte</b>	<b>Result</b>	<b>RL</b>
Freon 12	ND	10
tert-Butyl Alcohol (TBA)	ND	100
Chloromethane	ND	10
Isopropyl Ether (DIPE)	ND	5.0
Vinyl Chloride	ND	10
Bromomethane	ND	10
Ethyl tert-Butyl Ether (ETBE)	ND	5.0
Chloroethane	ND	10
Methyl tert-Amyl Ether (TAME)	ND	5.0
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0

ND= Not Detected  
 RL= Reporting Limit

**Batch QC Report**

<b>Volatile Organics</b>		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Type:	BLANK	Diln Fac: 1.000
Lab ID:	QC626549	Batch#: 183254
Matrix:	Soil	Analyzed: 01/26/12
Units:	ug/Kg	

<b>Analyte</b>	<b>Result</b>	<b>RL</b>
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

<b>Surrogate</b>	<b>%REC</b>	<b>Limits</b>
Dibromofluoromethane	106	74-133
1,2-Dichloroethane-d4	117	74-136
Toluene-d8	100	80-120
Bromofluorobenzene	99	77-130

ND= Not Detected  
 RL= Reporting Limit

## Batch QC Report

Volatile Organics		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Type:	LCS	Diln Fac: 1.000
Lab ID:	QC626564	Batch#: 183254
Matrix:	Soil	Analyzed: 01/26/12
Units:	ug/Kg	

Analyte	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	125.0	104.5	84	46-135
Isopropyl Ether (DIPE)	25.00	19.28	77	59-120
Ethyl tert-Butyl Ether (ETBE)	25.00	21.07	84	64-120
Methyl tert-Amyl Ether (TAME)	25.00	20.12	80	68-120
1,1-Dichloroethene	25.00	21.80	87	71-125
Benzene	25.00	23.34	93	78-125
Trichloroethene	25.00	24.49	98	77-121
Toluene	25.00	24.31	97	79-120
Chlorobenzene	25.00	24.42	98	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	105	74-133
1,2-Dichloroethane-d4	108	74-136
Toluene-d8	101	80-120
Bromofluorobenzene	94	77-130

**Batch QC Report**

Volatile Organics		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	P1-5	Batch#: 183254
MSS Lab ID:	234017-002	Sampled: 01/25/12
Matrix:	Soil	Received: 01/25/12
Units:	ug/Kg	Analyzed: 01/26/12
Basis:	as received	

Type: MS Diln Fac: 0.9506  
 Lab ID: QC626575

Analyte	MSS Result	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	<17.38	237.6	223.0	94	44-128
Isopropyl Ether (DIPE)	<1.410	47.53	38.42	81	50-120
Ethyl tert-Butyl Ether (ETBE)	<0.5599	47.53	46.92	99	55-120
Methyl tert-Amyl Ether (TAME)	<0.5618	47.53	42.04	88	55-120
1,1-Dichloroethene	<1.235	47.53	42.43	89	55-127
Benzene	<0.6700	47.53	44.80	94	58-122
Trichloroethene	<0.7234	47.53	49.12	103	45-142
Toluene	<0.4509	47.53	45.79	96	54-120
Chlorobenzene	<0.3408	47.53	44.97	95	49-120

Surrogate	%REC	Limits
Dibromofluoromethane	107	74-133
1,2-Dichloroethane-d4	119	74-136
Toluene-d8	102	80-120
Bromofluorobenzene	103	77-130

Type: MSD Diln Fac: 0.9766  
 Lab ID: QC626576

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	244.1	227.8	93	44-128	1	39
Isopropyl Ether (DIPE)	48.83	44.80	92	50-120	13	32
Ethyl tert-Butyl Ether (ETBE)	48.83	49.46	101	55-120	3	32
Methyl tert-Amyl Ether (TAME)	48.83	43.85	90	55-120	2	34
1,1-Dichloroethene	48.83	42.10	86	55-127	3	38
Benzene	48.83	44.75	92	58-122	3	37
Trichloroethene	48.83	47.86	98	45-142	5	41
Toluene	48.83	46.00	94	54-120	2	35
Chlorobenzene	48.83	45.00	92	49-120	3	38

Surrogate	%REC	Limits
Dibromofluoromethane	105	74-133
1,2-Dichloroethane-d4	118	74-136
Toluene-d8	103	80-120
Bromofluorobenzene	103	77-130

RPD= Relative Percent Difference

**Batch QC Report**

<b>Volatile Organics</b>		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Type:	BLANK	Diln Fac: 1.000
Lab ID:	QC626601	Batch#: 183269
Matrix:	Soil	Analyzed: 01/26/12
Units:	ug/Kg	

<b>Analyte</b>	<b>Result</b>	<b>RL</b>
Freon 12	ND	10
tert-Butyl Alcohol (TBA)	ND	100
Chloromethane	ND	10
Isopropyl Ether (DIPE)	ND	5.0
Vinyl Chloride	ND	10
Bromomethane	ND	10
Ethyl tert-Butyl Ether (ETBE)	ND	5.0
Chloroethane	ND	10
Methyl tert-Amyl Ether (TAME)	ND	5.0
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0

ND= Not Detected  
 RL= Reporting Limit



**Batch QC Report**

<b>Volatile Organics</b>		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Type:	BLANK	Diln Fac: 1.000
Lab ID:	QC626601	Batch#: 183269
Matrix:	Soil	Analyzed: 01/26/12
Units:	ug/Kg	

<b>Analyte</b>	<b>Result</b>	<b>RL</b>
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

<b>Surrogate</b>	<b>%REC</b>	<b>Limits</b>
Dibromofluoromethane	103	74-133
1,2-Dichloroethane-d4	108	74-136
Toluene-d8	100	80-120
Bromofluorobenzene	100	77-130

ND= Not Detected  
 RL= Reporting Limit

**Batch QC Report**

Volatile Organics		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Matrix:	Soil	Batch#: 183269
Units:	ug/Kg	Analyzed: 01/26/12
Diln Fac:	1.000	

Type: BS Lab ID: QC626602

Analyte	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	100.0	104.6	105	46-135
Isopropyl Ether (DIPE)	20.00	17.12	86	59-120
Ethyl tert-Butyl Ether (ETBE)	20.00	21.04	105	64-120
Methyl tert-Amyl Ether (TAME)	20.00	17.03	85	68-120
1,1-Dichloroethene	20.00	17.21	86	71-125
Benzene	20.00	19.17	96	78-125
Trichloroethene	20.00	18.77	94	77-121
Toluene	20.00	18.05	90	79-120
Chlorobenzene	20.00	18.81	94	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	113	74-133
1,2-Dichloroethane-d4	115	74-136
Toluene-d8	98	80-120
Bromofluorobenzene	97	77-130

Type: BSD Lab ID: QC626603

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	100.0	95.46	95	46-135	9	36
Isopropyl Ether (DIPE)	20.00	16.89	84	59-120	1	21
Ethyl tert-Butyl Ether (ETBE)	20.00	18.99	95	64-120	10	20
Methyl tert-Amyl Ether (TAME)	20.00	16.92	85	68-120	1	20
1,1-Dichloroethene	20.00	17.60	88	71-125	2	20
Benzene	20.00	19.07	95	78-125	0	20
Trichloroethene	20.00	18.83	94	77-121	0	20
Toluene	20.00	18.75	94	79-120	4	20
Chlorobenzene	20.00	19.57	98	80-120	4	20

Surrogate	%REC	Limits
Dibromofluoromethane	108	74-133
1,2-Dichloroethane-d4	109	74-136
Toluene-d8	98	80-120
Bromofluorobenzene	97	77-130

RPD= Relative Percent Difference

**Batch QC Report**

Volatile Organics		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	BH8-16	Batch#: 183269
MSS Lab ID:	234017-025	Sampled: 01/25/12
Matrix:	Soil	Received: 01/25/12
Units:	ug/Kg	Analyzed: 01/26/12
Basis:	as received	

Type: MS Diln Fac: 0.9560  
 Lab ID: QC626625

Analyte	MSS Result	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	<15.34	239.0	219.6	92	44-128
Isopropyl Ether (DIPE)	<1.266	47.80	37.36	78	50-120
Ethyl tert-Butyl Ether (ETBE)	<0.9539	47.80	47.68	100	55-120
Methyl tert-Amyl Ether (TAME)	<0.6214	47.80	40.48	85	55-120
1,1-Dichloroethene	<0.5841	47.80	41.37	87	55-127
Benzene	<0.9516	47.80	45.77	96	58-122
Trichloroethene	<1.110	47.80	44.84	94	45-142
Toluene	<1.284	47.80	44.46	93	54-120
Chlorobenzene	<0.2868	47.80	45.40	95	49-120

Surrogate	%REC	Limits
Dibromofluoromethane	103	74-133
1,2-Dichloroethane-d4	109	74-136
Toluene-d8	101	80-120
Bromofluorobenzene	95	77-130

Type: MSD Diln Fac: 0.9579  
 Lab ID: QC626626

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	239.5	245.6	103	44-128	11	39
Isopropyl Ether (DIPE)	47.89	40.24	84	50-120	7	32
Ethyl tert-Butyl Ether (ETBE)	47.89	43.06	90	55-120	10	32
Methyl tert-Amyl Ether (TAME)	47.89	41.54	87	55-120	2	34
1,1-Dichloroethene	47.89	43.35	91	55-127	4	38
Benzene	47.89	45.81	96	58-122	0	37
Trichloroethene	47.89	45.23	94	45-142	1	41
Toluene	47.89	45.91	96	54-120	3	35
Chlorobenzene	47.89	46.86	98	49-120	3	38

Surrogate	%REC	Limits
Dibromofluoromethane	101	74-133
1,2-Dichloroethane-d4	106	74-136
Toluene-d8	99	80-120
Bromofluorobenzene	98	77-130

RPD= Relative Percent Difference

**Batch QC Report**

Volatile Organics		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Type:	BLANK	Diln Fac: 1.000
Lab ID:	QC626955	Batch#: 183350
Matrix:	Soil	Analyzed: 01/30/12
Units:	ug/Kg	

Analyte	Result	RL
Freon 12	ND	10
tert-Butyl Alcohol (TBA)	ND	100
Chloromethane	ND	10
Isopropyl Ether (DIPE)	ND	5.0
Vinyl Chloride	ND	10
Bromomethane	ND	10
Ethyl tert-Butyl Ether (ETBE)	ND	5.0
Chloroethane	ND	10
Methyl tert-Amyl Ether (TAME)	ND	5.0
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0

ND= Not Detected  
 RL= Reporting Limit

## Batch QC Report

Volatile Organics		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Type:	BLANK	Diln Fac: 1.000
Lab ID:	QC626955	Batch#: 183350
Matrix:	Soil	Analyzed: 01/30/12
Units:	ug/Kg	

Analyte	Result	RL
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	102	74-133
1,2-Dichloroethane-d4	106	74-136
Toluene-d8	98	80-120
Bromofluorobenzene	103	77-130

ND= Not Detected  
 RL= Reporting Limit

**Batch QC Report**

Volatile Organics		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Matrix:	Soil	Batch#: 183350
Units:	ug/Kg	Analyzed: 01/30/12
Diln Fac:	1.000	

Type: BS Lab ID: QC626956

Analyte	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	100.0	92.97	93	46-135
Isopropyl Ether (DIPE)	20.00	18.60	93	59-120
Ethyl tert-Butyl Ether (ETBE)	20.00	21.95	110	64-120
Methyl tert-Amyl Ether (TAME)	20.00	16.22	81	68-120
1,1-Dichloroethene	20.00	18.97	95	71-125
Benzene	20.00	18.92	95	78-125
Trichloroethene	20.00	19.57	98	77-121
Toluene	20.00	19.46	97	79-120
Chlorobenzene	20.00	19.73	99	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	103	74-133
1,2-Dichloroethane-d4	99	74-136
Toluene-d8	103	80-120
Bromofluorobenzene	102	77-130

Type: BSD Lab ID: QC626957

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	100.0	96.40	96	46-135	4	36
Isopropyl Ether (DIPE)	20.00	18.27	91	59-120	2	21
Ethyl tert-Butyl Ether (ETBE)	20.00	21.32	107	64-120	3	20
Methyl tert-Amyl Ether (TAME)	20.00	17.27	86	68-120	6	20
1,1-Dichloroethene	20.00	18.30	91	71-125	4	20
Benzene	20.00	19.62	98	78-125	4	20
Trichloroethene	20.00	20.81	104	77-121	6	20
Toluene	20.00	19.19	96	79-120	1	20
Chlorobenzene	20.00	19.93	100	80-120	1	20

Surrogate	%REC	Limits
Dibromofluoromethane	102	74-133
1,2-Dichloroethane-d4	103	74-136
Toluene-d8	100	80-120
Bromofluorobenzene	102	77-130

RPD= Relative Percent Difference

**Batch QC Report**

Volatile Organics		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	ZZZZZZZZZZ	Batch#: 183350
MSS Lab ID:	234060-001	Sampled: 01/27/12
Matrix:	Soil	Received: 01/27/12
Units:	ug/Kg	Analyzed: 01/31/12
Basis:	as received	

Type: MS Diln Fac: 0.9728  
 Lab ID: QC626984

Analyte	MSS Result	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	<15.11	243.2	249.8	103	44-128
Isopropyl Ether (DIPE)	<1.246	48.64	36.21	74	50-120
Ethyl tert-Butyl Ether (ETBE)	<0.9391	48.64	44.73	92	55-120
Methyl tert-Amyl Ether (TAME)	<0.6117	48.64	37.41	77	55-120
1,1-Dichloroethene	<0.5750	48.64	38.27	79	55-127
Benzene	<0.9368	48.64	40.32	83	58-122
Trichloroethene	<1.093	48.64	43.36	89	45-142
Toluene	<1.264	48.64	37.53	77	54-120
Chlorobenzene	<0.2823	48.64	36.72	75	49-120

Surrogate	%REC	Limits
Dibromofluoromethane	99	74-133
1,2-Dichloroethane-d4	97	74-136
Toluene-d8	95	80-120
Bromofluorobenzene	92	77-130

Type: MSD Diln Fac: 0.9940  
 Lab ID: QC626985

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	248.5	249.5	100	44-128	2	39
Isopropyl Ether (DIPE)	49.70	43.94	88	50-120	17	32
Ethyl tert-Butyl Ether (ETBE)	49.70	45.01	91	55-120	2	32
Methyl tert-Amyl Ether (TAME)	49.70	37.69	76	55-120	1	34
1,1-Dichloroethene	49.70	36.61	74	55-127	7	38
Benzene	49.70	41.15	83	58-122	0	37
Trichloroethene	49.70	43.69	88	45-142	1	41
Toluene	49.70	39.81	80	54-120	4	35
Chlorobenzene	49.70	39.64	80	49-120	5	38

Surrogate	%REC	Limits
Dibromofluoromethane	98	74-133
1,2-Dichloroethane-d4	98	74-136
Toluene-d8	93	80-120
Bromofluorobenzene	93	77-130

RPD= Relative Percent Difference

**Batch QC Report**

Volatile Organics		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Type:	BLANK	Diln Fac: 1.000
Lab ID:	QC627103	Batch#: 183382
Matrix:	Soil	Analyzed: 01/31/12
Units:	ug/Kg	

Analyte	Result	RL
Freon 12	ND	10
tert-Butyl Alcohol (TBA)	ND	100
Chloromethane	ND	10
Isopropyl Ether (DIPE)	ND	5.0
Vinyl Chloride	ND	10
Bromomethane	ND	10
Ethyl tert-Butyl Ether (ETBE)	ND	5.0
Chloroethane	ND	10
Methyl tert-Amyl Ether (TAME)	ND	5.0
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0

ND= Not Detected  
 RL= Reporting Limit



**Batch QC Report**

<b>Volatile Organics</b>		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Type:	BLANK	Diln Fac: 1.000
Lab ID:	QC627103	Batch#: 183382
Matrix:	Soil	Analyzed: 01/31/12
Units:	ug/Kg	

<b>Analyte</b>	<b>Result</b>	<b>RL</b>
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

<b>Surrogate</b>	<b>%REC</b>	<b>Limits</b>
Dibromofluoromethane	103	74-133
1,2-Dichloroethane-d4	110	74-136
Toluene-d8	103	80-120
Bromofluorobenzene	106	77-130

ND= Not Detected  
 RL= Reporting Limit

**Batch QC Report**

Volatile Organics		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Matrix:	Soil	Batch#: 183382
Units:	ug/Kg	Analyzed: 01/31/12
Diln Fac:	1.000	

Type: BS Lab ID: QC627104

Analyte	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	100.0	96.12	96	46-135
Isopropyl Ether (DIPE)	20.00	17.80	89	59-120
Ethyl tert-Butyl Ether (ETBE)	20.00	20.93 b	105	64-120
Methyl tert-Amyl Ether (TAME)	20.00	17.80	89	68-120
1,1-Dichloroethene	20.00	18.85	94	71-125
Benzene	20.00	18.99	95	78-125
Trichloroethene	20.00	19.01	95	77-121
Toluene	20.00	18.37	92	79-120
Chlorobenzene	20.00	19.54	98	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	102	74-133
1,2-Dichloroethane-d4	105	74-136
Toluene-d8	98	80-120
Bromofluorobenzene	102	77-130

Type: BSD Lab ID: QC627105

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	100.0	102.6	103	46-135	7	36
Isopropyl Ether (DIPE)	20.00	18.31	92	59-120	3	21
Ethyl tert-Butyl Ether (ETBE)	20.00	21.12 b	106	64-120	1	20
Methyl tert-Amyl Ether (TAME)	20.00	18.66	93	68-120	5	20
1,1-Dichloroethene	20.00	19.36	97	71-125	3	20
Benzene	20.00	20.35	102	78-125	7	20
Trichloroethene	20.00	20.36	102	77-121	7	20
Toluene	20.00	18.60	93	79-120	1	20
Chlorobenzene	20.00	19.71	99	80-120	1	20

Surrogate	%REC	Limits
Dibromofluoromethane	102	74-133
1,2-Dichloroethane-d4	109	74-136
Toluene-d8	96	80-120
Bromofluorobenzene	102	77-130

b= See narrative  
 RPD= Relative Percent Difference  
 Page 1 of 1

**Batch QC Report**

Volatile Organics		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	ZZZZZZZZZZ	Batch#: 183382
MSS Lab ID:	234105-003	Sampled: 01/30/12
Matrix:	Soil	Received: 01/30/12
Units:	ug/Kg	Analyzed: 02/01/12
Basis:	as received	

Type: MS Diln Fac: 0.9634  
 Lab ID: QC627147

Analyte	MSS Result	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	<15.02	240.8	251.2	104	44-128
Isopropyl Ether (DIPE)	<1.239	48.17	48.51	101	50-120
Ethyl tert-Butyl Ether (ETBE)	<0.9337	48.17	48.44 b	101	55-120
Methyl tert-Amyl Ether (TAME)	<0.6082	48.17	41.56	86	55-120
1,1-Dichloroethene	<0.5717	48.17	39.55	82	55-127
Benzene	<0.9314	48.17	41.74	87	58-122
Trichloroethene	<1.087	48.17	40.63	84	45-142
Toluene	<1.257	48.17	37.99	79	54-120
Chlorobenzene	<0.2807	48.17	35.78	74	49-120

Surrogate	%REC	Limits
Dibromofluoromethane	100	74-133
1,2-Dichloroethane-d4	103	74-136
Toluene-d8	103	80-120
Bromofluorobenzene	97	77-130

Type: MSD Diln Fac: 0.9785  
 Lab ID: QC627148

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	244.6	251.2	103	44-128	2	39
Isopropyl Ether (DIPE)	48.92	46.31	95	50-120	6	32
Ethyl tert-Butyl Ether (ETBE)	48.92	48.95 b	100	55-120	1	32
Methyl tert-Amyl Ether (TAME)	48.92	44.44	91	55-120	5	34
1,1-Dichloroethene	48.92	43.52	89	55-127	8	38
Benzene	48.92	43.11	88	58-122	2	37
Trichloroethene	48.92	41.04	84	45-142	1	41
Toluene	48.92	36.62	75	54-120	5	35
Chlorobenzene	48.92	35.85	73	49-120	1	38

Surrogate	%REC	Limits
Dibromofluoromethane	103	74-133
1,2-Dichloroethane-d4	102	74-136
Toluene-d8	93	80-120
Bromofluorobenzene	96	77-130

b= See narrative  
 RPD= Relative Percent Difference  
 Page 1 of 1

<b>Lead</b>			
Lab #:	234017	Location:	2145 35th Ave.--Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep:	EPA 3050B
Project#:	2145 35TH AVENUE	Analysis:	EPA 6010B
Analyte:	Lead	Diln Fac:	1.000
Matrix:	Soil	Sampled:	01/25/12
Units:	mg/Kg	Received:	01/25/12
Basis:	as received		

Field ID	Type	Lab ID	Result	RL	Batch#	Prepared	Analyzed
P1-1	SAMPLE	234017-001	19	0.25	183267	01/26/12	01/26/12
P1-5	SAMPLE	234017-002	3.0	0.25	183267	01/26/12	01/26/12
P1-14	SAMPLE	234017-003	2.9	0.25	183267	01/26/12	01/26/12
P2-1	SAMPLE	234017-004	12	0.25	183267	01/26/12	01/26/12
P2-8	SAMPLE	234017-005	4.3	0.23	183267	01/26/12	01/26/12
P2-12	SAMPLE	234017-006	7.9	0.24	183267	01/26/12	01/26/12
P2-16	SAMPLE	234017-007	4.4	0.24	183267	01/26/12	01/26/12
P2-20	SAMPLE	234017-008	6.5	0.23	183267	01/26/12	01/26/12
P3-1	SAMPLE	234017-009	140	0.24	183267	01/26/12	01/26/12
P3-8	SAMPLE	234017-010	3.7	0.26	183267	01/26/12	01/26/12
P3-12	SAMPLE	234017-011	3.6	0.25	183267	01/26/12	01/26/12
P4-1	SAMPLE	234017-012	310	0.24	183267	01/26/12	01/26/12
P4-8	SAMPLE	234017-013	3.8	0.25	183267	01/26/12	01/26/12
P4-12	SAMPLE	234017-014	3.6	0.25	183267	01/26/12	01/26/12
BH6-1	SAMPLE	234017-015	94	0.25	183267	01/26/12	01/26/12
BH6-8	SAMPLE	234017-016	3.6	0.24	183267	01/26/12	01/26/12
BH6-12	SAMPLE	234017-017	6.2	0.24	183267	01/26/12	01/26/12
BH6-16	SAMPLE	234017-018	5.8	0.23	183267	01/26/12	01/26/12
BH7-1	SAMPLE	234017-019	160	0.23	183364	01/30/12	02/01/12
BH7-8	SAMPLE	234017-020	2.3	0.23	183364	01/30/12	01/31/12
BH7-12	SAMPLE	234017-021	2.9	0.24	183364	01/30/12	01/31/12
BH8-1	SAMPLE	234017-022	30	0.25	183364	01/30/12	02/01/12
BH8-8	SAMPLE	234017-023	2.8	0.25	183364	01/30/12	01/31/12
BH8-12	SAMPLE	234017-024	4.9	0.24	183364	01/30/12	01/31/12
BH8-16	SAMPLE	234017-025	3.5	0.23	183364	01/30/12	01/31/12
	BLANK	QC626589	ND	0.25	183267	01/26/12	01/26/12
	BLANK	QC627021	ND	0.25	183364	01/30/12	01/31/12

ND= Not Detected  
 RL= Reporting Limit















Batch QC Report

Lead			
Lab #:	234017	Location:	2145 35th Ave.--Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep:	EPA 3050B
Project#:	2145 35TH AVENUE	Analysis:	EPA 6010B
Analyte:	Lead	Units:	mg/Kg
Field ID:	ZZZZZZZZZZ	Basis:	as received
Matrix:	Soil	Diln Fac:	1.000

Type	MSS Lab ID	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim	Batch#	Sampled	Received	Prepared	Analyzed
BS		QC626590		100.0	102.2	102	80-120			183267			01/26/12	01/26/12
BSD		QC626591		100.0	101.6	102	80-120	1	20	183267			01/26/12	01/26/12
MS	234019-001	QC626592	13.27	103.1	114.8	98	57-126			183267	01/05/12	01/12/12	01/26/12	01/26/12
MSD	234019-001	QC626593		97.09	110.2	100	57-126	1	43	183267	01/05/12	01/12/12	01/26/12	01/26/12
BS		QC627022		100.0	93.62	94	80-120			183364			01/30/12	01/31/12
BSD		QC627023		100.0	93.91	94	80-120	0	20	183364			01/30/12	01/31/12
MS	234107-001	QC627024	25.08	93.46	90.95	70	57-126			183364	01/30/12	01/30/12	01/30/12	01/31/12
MSD	234107-001	QC627025		98.04	96.65	73	57-126	2	43	183364	01/30/12	01/30/12	01/30/12	01/31/12

RPD= Relative Percent Difference





**Batch QC Report**

California LUFT Metals			
Lab #:	234017	Location:	2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep:	EPA 3050B
Project#:	2145 35TH AVENUE	Analysis:	EPA 6010B
Field ID:	ZZZZZZZZZZ	Batch#:	183364
MSS Lab ID:	234107-001	Sampled:	01/30/12
Matrix:	Soil	Received:	01/30/12
Units:	mg/Kg	Prepared:	01/30/12
Basis:	as received	Analyzed:	01/31/12
Diln Fac:	1.000		

Type: MS Lab ID: QC627024

Analyte	MSS Result	Spiked	Result	%REC	Limits
Cadmium	0.1258	9.346	8.801	93	72-120
Chromium	44.66	93.46	128.4	90	60-125
Lead	25.08	93.46	90.95	70	57-126
Nickel	29.03	23.36	50.28	91	45-139
Zinc	76.74	23.36	54.44	-95 *	41-148

Type: MSD Lab ID: QC627025

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Cadmium	9.804	9.080	91	72-120	2	30
Chromium	98.04	131.3	88	60-125	1	34
Lead	98.04	96.65	73	57-126	2	43
Nickel	24.51	49.59	84	45-139	4	37
Zinc	24.51	55.27	-88 *	41-148	0	38

\*= Value outside of QC limits; see narrative

RPD= Relative Percent Difference







## Batch QC Report

Dissolved California LUFT Metals		
Lab #:	234017	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: METHOD
Project#:	2145 35TH AVENUE	Analysis: EPA 6010B
Matrix:	Filtrate	Batch#: 183322
Units:	ug/L	Prepared: 01/27/12
Diln Fac:	1.000	Analyzed: 01/30/12

Type: BS Lab ID: QC626850

Analyte	Spiked	Result	%REC	Limits
Cadmium	50.00	48.53	97	80-120
Chromium	200.0	188.7	94	80-120
Lead	100.0	96.79	97	78-120
Nickel	500.0	474.7	95	80-120
Zinc	500.0	490.1	98	80-120

Type: BSD Lab ID: QC626851

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Cadmium	50.00	46.93	94	80-120	3	20
Chromium	200.0	181.2	91	80-120	4	20
Lead	100.0	93.72	94	78-120	3	20
Nickel	500.0	457.0	91	80-120	4	20
Zinc	500.0	470.8	94	80-120	4	20

RPD= Relative Percent Difference







Curtis & Tompkins, Ltd.

Analytical Laboratories, Since 1878





Laboratory Job Number 234237
ANALYTICAL REPORT

Eagle Env. Construction Project : 2145 35TH AVENUE
3150 Hilltop Mall Road, Suite 7 Location : 2145 35th Ave.-Salisbury, Oakland, CA
Richmond, CA 94806 Level : II

Table with 4 columns: Sample ID, Lab ID, Sample ID, Lab ID. Lists various sample and lab identifiers such as BH5-W, BH9-16, etc.

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

Signature: [Handwritten Signature]
Project Manager

Date: 02/14/2012

## CASE NARRATIVE

Laboratory number: 234237  
Client: Eagle Env. Construction  
Project: 2145 35TH AVENUE  
Location: 2145 35th Ave.-Salisbury, Oakland, CA  
Request Date: 02/06/12  
Samples Received: 02/06/12

This data package contains sample and QC results for sixteen soil samples and five water samples, requested for the above referenced project on 02/06/12. The samples were received on ice and intact, directly from the field.

### TPH-Purgeables and/or BTXE by GC (EPA 8015B) Water:

High surrogate recoveries were observed for bromofluorobenzene (FID) in a number of samples, due to interference from coeluting hydrocarbon peaks. No other analytical problems were encountered.

### TPH-Purgeables and/or BTXE by GC (EPA 8015B) Soil:

No analytical problems were encountered.

### TPH-Extractables by GC (EPA 8015B) Water:

Low surrogate recovery was observed for o-terphenyl in BH12-W (lab # 234237-004), due to matrix interference; the low surrogate recovery was confirmed by re-analysis, and the sample could not be re-extracted because there was no sample left. No other analytical problems were encountered.

### TPH-Extractables by GC (EPA 8015B) Soil:

Matrix spikes QC627836, QC627837 (batch 183560) were not reported because the parent sample required a dilution that would have diluted out the spikes. No other analytical problems were encountered.

### Volatile Organics by GC/MS (EPA 8260B) Water:

BH5-W1 (lab # 234237-002) had pH greater than 2. BH12-W (lab # 234237-004) had multiple vials combined due to sediment. No other analytical problems were encountered.

### Volatile Organics by GC/MS (EPA 8260B) Soil:

No analytical problems were encountered.

### PCBs (EPA 8082) Water:

All samples underwent sulfuric acid cleanup using EPA Method 3665A. All samples underwent sulfur cleanup using the copper option in EPA Method 3660B. No analytical problems were encountered.

### PCBs (EPA 8082) Soil:

All samples underwent sulfuric acid cleanup using EPA Method 3665A. All samples underwent sulfur cleanup using the copper option in EPA Method 3660B. No analytical problems were encountered.

**CASE NARRATIVE**

Laboratory number: 234237  
Client: Eagle Env. Construction  
Project: 2145 35TH AVENUE  
Location: 2145 35th Ave.-Salisbury, Oakland, CA  
Request Date: 02/06/12  
Samples Received: 02/06/12

**Metals (EPA 6010B) Soil:**

No analytical problems were encountered.

**Metals (EPA 6010B) Filtrate:**

No analytical problems were encountered.

234237

GLOBAL ID: 706 19778840

# CHAIN OF CUSTODY



Chain of Custody # \_\_\_\_\_

2323 Fifth Street  
Berkeley, CA 94710

Phone (510) 486-0900 Site Address:  
Fax (510) 486-0532 2145 35th Ave.

Project No: \_\_\_\_\_ Sampler: S.P. OAKLAND, CA

Project Name: SALISBURY AVENUE ASSOCIATES, LLC Report To: SAMI MALAER

Project P. O. No: \_\_\_\_\_ Company: EFC

EDD Format: \_\_\_\_\_ Report Level  I  II  III  IV Telephone: (925) 858-9608

Turnaround Time:  RUSH  Standard Email: S.MALAER@COMCAST.NET

ANALYTICAL REQUEST											
Lab No.	Sample ID.	Date Collected	Time Collected	Water	Solid	# of Containers	HCl	H2SO4	HNO3	NaOH	None
X	BHS-W	02/06/12	9:55 AM	X		3	X				
	BHS-W	"	"	X		3	X				
	BHS-W	"	"	X		1					X
	BHS-W	"	"	X		2					X
	BHS-W1	"	1:24 P	X		3	X				
	BHS-W1	"	1:24 P	X		3	X				
2	BHS-W1	"	"	X		1					X
	BHS-W1	"	"	X		1					X
	BH9-WB	"	1:50 P	X		3	X				
	BH9-W	"	"	X		3	X				
3	BH9-W	"	"	X		2					X
	BH9-W	"	"	X		1					X

Notes: Filtor plastic bottles

SAMPLE RECEIPT

Intact

Cold

On Ice

Ambient

RELINQUISHED BY: [Signature]

DATE: 02/06/12 TIME: 17:15

DATE: TIME:

DATE: TIME:

RECEIVED BY: [Signature]

DATE: 2/6/12 TIME: 17:15

DATE: TIME:

DATE: TIME:

TPH-G; TPH-S 8015B  
 TPH-D; TPH-MO 8015G  
 TPH-D; TPH-HYDRAULIC OIL  
 Volatile Organics 8260B  
 Volatile Organics 8260X  
 LUFV FIVE METALS  
 PCBs 8087  
 Lead (Pb) 6010

234237

GLOBAL ID: T0619778840

# CHAIN OF CUSTODY



Chain of Custody # \_\_\_\_\_

2323 Fifth Street  
 Berkeley, CA 94710

Phone (510) 486-0900  
 Fax (510) 486-0532

Site Address:  
 2145 35th Ave.  
 Oakland, CA

Project No: \_\_\_\_\_ Sampler: SM  
 Project Name: SALISBURY AVENUE Report To: SAMI MALAEB  
 Project P. O. No: ASSOCIATES LLC Company: EEC  
 EDD Format: \_\_\_\_\_ Report Level:  II  III  IV Telephone: (925) 858-9608  
 Turnaround Time:  RUSH  Standard Email: U. MALAEB@COMCAST.NET

ANALYTICAL REQUEST										
X										TPH-G, TPH-S 8015B
										Volatile Organics 8260B
										Volatile Organics 8260X
										TPH-D, TPH-Mo 8015B
										TPH-D, TPH-Hydrocarbons Oil
										Five Metals 6010
										PCBs 8082
										Lead (Pb) 6010

Lab No.	Sample ID.	SAMPLING		MATRIX		# of Containers	CHEMICAL PRESERVATIVE							
		Date Collected	Time Collected	Water	Solid		HCl	H2SO4	HNO3	NaOH	None			
4	BH12-W	02/06/12	9:00a	x		3	x							
	BH12-W	"	"	x		2	x							
	BH12-W	"	"	x		2							x	
	BH12-W	"	"	x		1							x	
5	BH10-W	"	4:00p	x		3								
	BH10-W	"	4:00p	x		3								
	BH10-W	"	4:00p	x		1								
	BH10-W	"	4:00p	x		2								
	BH10-W	"	4:00p	x		1								

Notes:  Filter plastic bottles	SAMPLE RECEIPT <input type="checkbox"/> Intact <input checked="" type="checkbox"/> Cold <input checked="" type="checkbox"/> On Ice <input type="checkbox"/> Ambient	RELINQUISHED BY: _____	RECEIVED BY: _____
		DATE: _____ TIME: 17:15	DATE: 2/6/12 TIME: 17:15
		DATE: _____ TIME: _____	DATE: _____ TIME: _____
		DATE: _____ TIME: _____	DATE: _____ TIME: _____







**Subject:** RE: 2145 35TH AVENUE - C&T Login Summary (234237)  
**From:** "Sami Malaeb" <s.malaeb@comcast.net>  
**Date:** Tue, 7 Feb 2012 19:21:13 -0800  
**To:** "Micah Smith" <micah.smith@ctberk.com>

Only on samples BH10 and BH12.

Thanks,

Sami Malaeb

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**From:** Micah Smith [mailto:micah.smith@ctberk.com]  
**Sent:** Tuesday, February 07, 2012 4:05 PM  
**To:** Sami Malaeb  
**Subject:** Re: 2145 35TH AVENUE - C&T Login Summary (234237)

Sami,  
 Do you want silica gel clean up on the Extractable 8015 samples?  
 Thanks

Micah Smith  
 Project Manager  
 Curtis and Tompkins, Ltd  
 2323 Fifth Street  
 Berkeley CA 94710  
 510.204.2223  
[www.curtisandtompkins.com](http://www.curtisandtompkins.com)

On 2/7/2012 2:24 PM, Sami Malaeb wrote:  
 Hi Micah:

Please make sure that both Hydraulic oil and Motor oil appear with the diesel results in the range of extractable.

Thanks,

Sami Malaeb, PE, REA  
 Mobile: (925) 858-9608

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**From:** Micah Smith [mailto:micah.smith@ctberk.com]  
**Sent:** Tuesday, February 07, 2012 12:22 PM  
**To:** s.malaeb@comcast.net  
**Subject:** 2145 35TH AVENUE - C&T Login Summary (234237)

**C&T Login Summary for 234237**

<b>Project:</b> 2145 35TH AVENUE <b>Site:</b> 2145 35th Ave.-Salisbury, Oakland, CA <b>Lab Login #:</b> 234237 <b>Report Level:</b> II <b>Report Due:</b> 02/14/12 <b>PO#:</b> <b>C&amp;T Proj Mgr:</b> Micah Smith	<b>Report To:</b> Eagle Env. Construction 3150 Hilltop Mall Road, Suite 7 Richmond, CA 94806 ATTN: Sami Malaeb	<b>Bill To:</b> Eagle Env. Construction 3150 Hilltop Mall Road, Suite 7 Richmond, CA 94806 ATTN: Colisa McFadden
***** COD *****		

Client ID	Lab ID	Sampled	Received	Matrix	Analyses	COC #	Comments	
BH5-W	001	02/06	02/06	Filtrate	LUFT MET		6010B, Lab Filter	
				Water	8260X			
				Water	FILTER			
				Water	TEHM			+ Hydraulic Oil
				Water	TVH			+Stoddard Solvent
BH5-W1	002	02/06	02/06	Filtrate	LUFT MET		6010B, Lab Filter	
				Water	8260X			
				Water	FILTER			

**COOLER RECEIPT CHECKLIST**



Login # 234237 Date Received 2/6/12 Number of coolers 2  
 Client EEC Project SALISBURY AVENUE

Date Opened 2/6/12 By (print) J. CHOI (sign) [Signature]  
 Date Logged in 2-7-12 By (print) C. Morrow (sign) [Signature]

1. Did cooler come with a shipping slip (airbill, etc) \_\_\_\_\_ YES  NO  
 Shipping info \_\_\_\_\_

2A. Were custody seals present? ....  YES (circle) on cooler on samples  NO  
 How many \_\_\_\_\_ Name \_\_\_\_\_ Date \_\_\_\_\_

2B. Were custody seals intact upon arrival? \_\_\_\_\_ YES NO N/A

3. Were custody papers dry and intact when received? \_\_\_\_\_ YES NO

4. Were custody papers filled out properly (ink, signed, etc)? \_\_\_\_\_ YES NO

5. Is the project identifiable from custody papers? (If so fill out top of form) \_\_\_\_\_ YES NO

6. Indicate the packing in cooler: (if other, describe) \_\_\_\_\_

- Bubble Wrap  Foam blocks  Bags  None
- Cloth material  Cardboard  Styrofoam  Paper towels

7. Temperature documentation: \* Notify PM if temperature exceeds 6°C

Type of ice used:  Wet  Blue/Gel  None Temp(°C) \_\_\_\_\_

Samples Received on ice & cold without a temperature blank; temp. taken with IR gun

Samples received on ice directly from the field. Cooling process had begun

8. Were Method 5035 sampling containers present? \_\_\_\_\_ YES  NO

If YES, what time were they transferred to freezer? \_\_\_\_\_

9. Did all bottles arrive unbroken/unopened? \_\_\_\_\_ YES NO

10. Are there any missing / extra samples? \_\_\_\_\_ YES  NO

11. Are samples in the appropriate containers for indicated tests? \_\_\_\_\_ YES NO

12. Are sample labels present, in good condition and complete? \_\_\_\_\_ YES NO

13. Do the sample labels agree with custody papers? \_\_\_\_\_ YES NO

14. Was sufficient amount of sample sent for tests requested? \_\_\_\_\_ YES NO

15. Are the samples appropriately preserved? \_\_\_\_\_ YES NO N/A

16. Did you check preservatives for all bottles for each sample? \_\_\_\_\_ YES NO N/A

17. Did you document your preservative check? \_\_\_\_\_ YES NO N/A

18. Did you change the hold time in LIMS for unpreserved VOAs? \_\_\_\_\_ YES NO N/A

19. Did you change the hold time in LIMS for preserved terracores? \_\_\_\_\_ YES NO N/A

20. Are bubbles > 6mm absent in VOA samples? \_\_\_\_\_ YES NO N/A

21. Was the client contacted concerning this sample delivery? \_\_\_\_\_ YES  NO

If YES, Who was called? \_\_\_\_\_ By \_\_\_\_\_ Date: \_\_\_\_\_

**COMMENTS**

10) -005 (Client ID BHI0-W) CAC says 2 bottles for TET, rec'd one 500mL amber.

I corrected sample # 2 and #3 to report TPH-D & TPH-MO without Hydraulic fluid ms 2/7/12

Total Volatile Hydrocarbons		
Lab #:	234237	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8015B
Matrix:	Water	Sampled: 02/06/12
Units:	ug/L	Received: 02/06/12

Field ID: BH5-W Diln Fac: 12.50  
 Type: SAMPLE Batch#: 183603  
 Lab ID: 234237-001 Analyzed: 02/08/12

Analyte	Result	RL
Gasoline C7-C12	14,000	630
Stoddard Solvent C7-C12	11,000	630

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	94	76-121

Field ID: BH5-W1 Diln Fac: 1.000  
 Type: SAMPLE Batch#: 183565  
 Lab ID: 234237-002 Analyzed: 02/07/12

Analyte	Result	RL
Gasoline C7-C12	900	50
Stoddard Solvent C7-C12	730 Y	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	122 *	76-121

Field ID: BH9-W Diln Fac: 1.000  
 Type: SAMPLE Batch#: 183565  
 Lab ID: 234237-003 Analyzed: 02/07/12

Analyte	Result	RL
Gasoline C7-C12	7,500	50
Stoddard Solvent C7-C12	6,100 Y	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	149 *	76-121

Field ID: BH12-W Diln Fac: 1.000  
 Type: SAMPLE Batch#: 183565  
 Lab ID: 234237-004 Analyzed: 02/07/12

Analyte	Result	RL
Gasoline C7-C12	560 Y	50
Stoddard Solvent C7-C12	460 Y	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	125 *	76-121

\*= Value outside of QC limits; see narrative  
 Y= Sample exhibits chromatographic pattern which does not resemble standard  
 ND= Not Detected  
 RL= Reporting Limit

Total Volatile Hydrocarbons		
Lab #:	234237	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8015B
Matrix:	Water	Sampled: 02/06/12
Units:	ug/L	Received: 02/06/12

Field ID: BH10-W Diln Fac: 1.000  
 Type: SAMPLE Batch#: 183603  
 Lab ID: 234237-005 Analyzed: 02/08/12

Analyte	Result	RL
Gasoline C7-C12	ND	50
Stoddard Solvent C7-C12	ND	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	103	76-121

Type: BLANK Batch#: 183565  
 Lab ID: QC627852 Analyzed: 02/07/12  
 Diln Fac: 1.000

Analyte	Result	RL
Gasoline C7-C12	ND	50
Stoddard Solvent C7-C12	ND	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	110	76-121

Type: BLANK Batch#: 183603  
 Lab ID: QC628001 Analyzed: 02/08/12  
 Diln Fac: 1.000

Analyte	Result	RL
Gasoline C7-C12	ND	50
Stoddard Solvent C7-C12	ND	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	90	76-121

\*= Value outside of QC limits; see narrative  
 Y= Sample exhibits chromatographic pattern which does not resemble standard  
 ND= Not Detected  
 RL= Reporting Limit

## Batch QC Report

Total Volatile Hydrocarbons		
Lab #:	234237	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8015B
Type:	LCS	Diln Fac: 1.000
Lab ID:	QC627851	Batch#: 183565
Matrix:	Water	Analyzed: 02/07/12
Units:	ug/L	

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	1,000	1,086	109	79-120

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	116	76-121

## Batch QC Report

Total Volatile Hydrocarbons					
Lab #:	234237	Location:	2145 35th Ave.-Salisbury, Oakland, CA		
Client:	Eagle Env. Construction	Prep:	EPA 5030B		
Project#:	2145 35TH AVENUE	Analysis:	EPA 8015B		
Field ID:	BH10-W	Batch#:	183565		
MSS Lab ID:	234237-005	Sampled:	02/06/12		
Matrix:	Water	Received:	02/06/12		
Units:	ug/L	Analyzed:	02/07/12		
Diln Fac:	1.000				

Type: MS Lab ID: QC627853

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	56.40	2,000	2,303	112	68-120

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	132 *	76-121

Type: MSD Lab ID: QC627854

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2,000	2,242	109	68-120	3	21

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	133 *	76-121

\*= Value outside of QC limits; see narrative

RPD= Relative Percent Difference



## Batch QC Report

Total Volatile Hydrocarbons		
Lab #:	234237	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8015B
Type:	LCS	Diln Fac: 1.000
Lab ID:	QC628000	Batch#: 183603
Matrix:	Water	Analyzed: 02/08/12
Units:	ug/L	

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	1,000	907.1	91	79-120

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	91	76-121

## Batch QC Report

Total Volatile Hydrocarbons					
Lab #:	234237	Location:	2145 35th Ave.-Salisbury, Oakland, CA		
Client:	Eagle Env. Construction	Prep:	EPA 5030B		
Project#:	2145 35TH AVENUE	Analysis:	EPA 8015B		
Field ID:	BH10-W	Batch#:	183603		
MSS Lab ID:	234237-005	Sampled:	02/06/12		
Matrix:	Water	Received:	02/06/12		
Units:	ug/L	Analyzed:	02/08/12		
Diln Fac:	1.000				

Type: MS Lab ID: QC628002

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	44.01	2,000	1,627	79	68-120

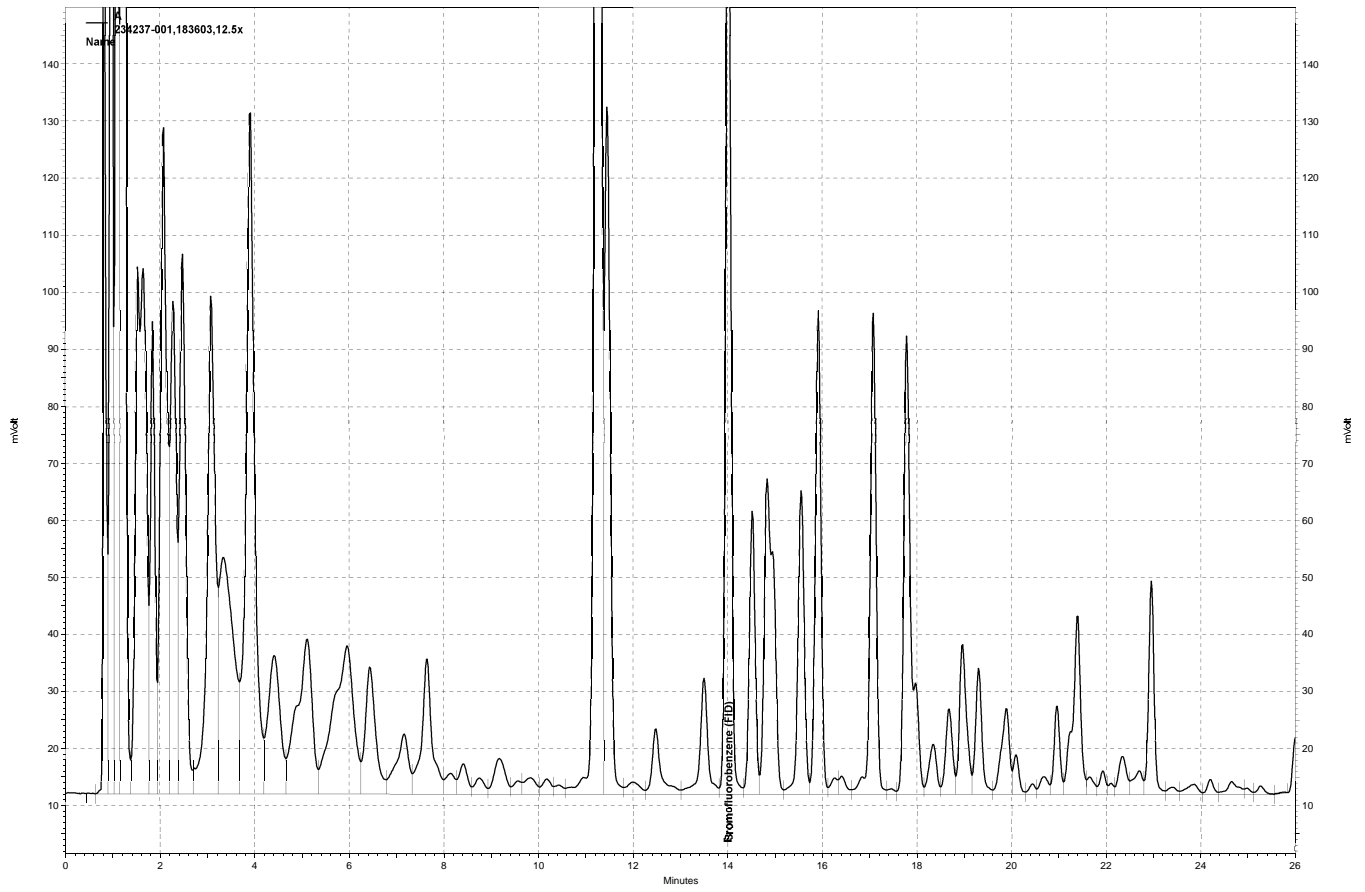
Surrogate	%REC	Limits
Bromofluorobenzene (FID)	120	76-121

Type: MSD Lab ID: QC628003

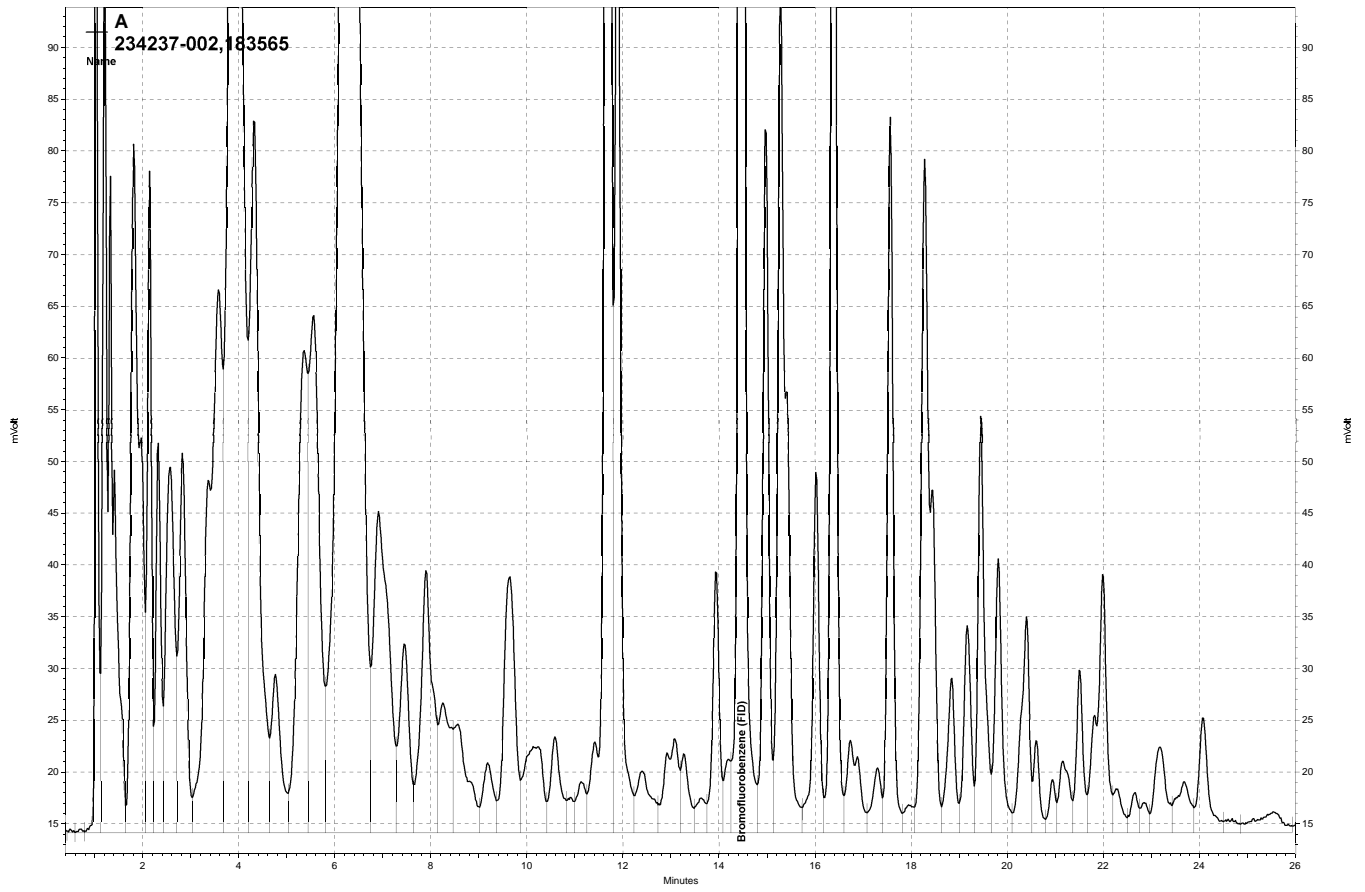
Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2,000	1,736	85	68-120	6	21

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	111	76-121

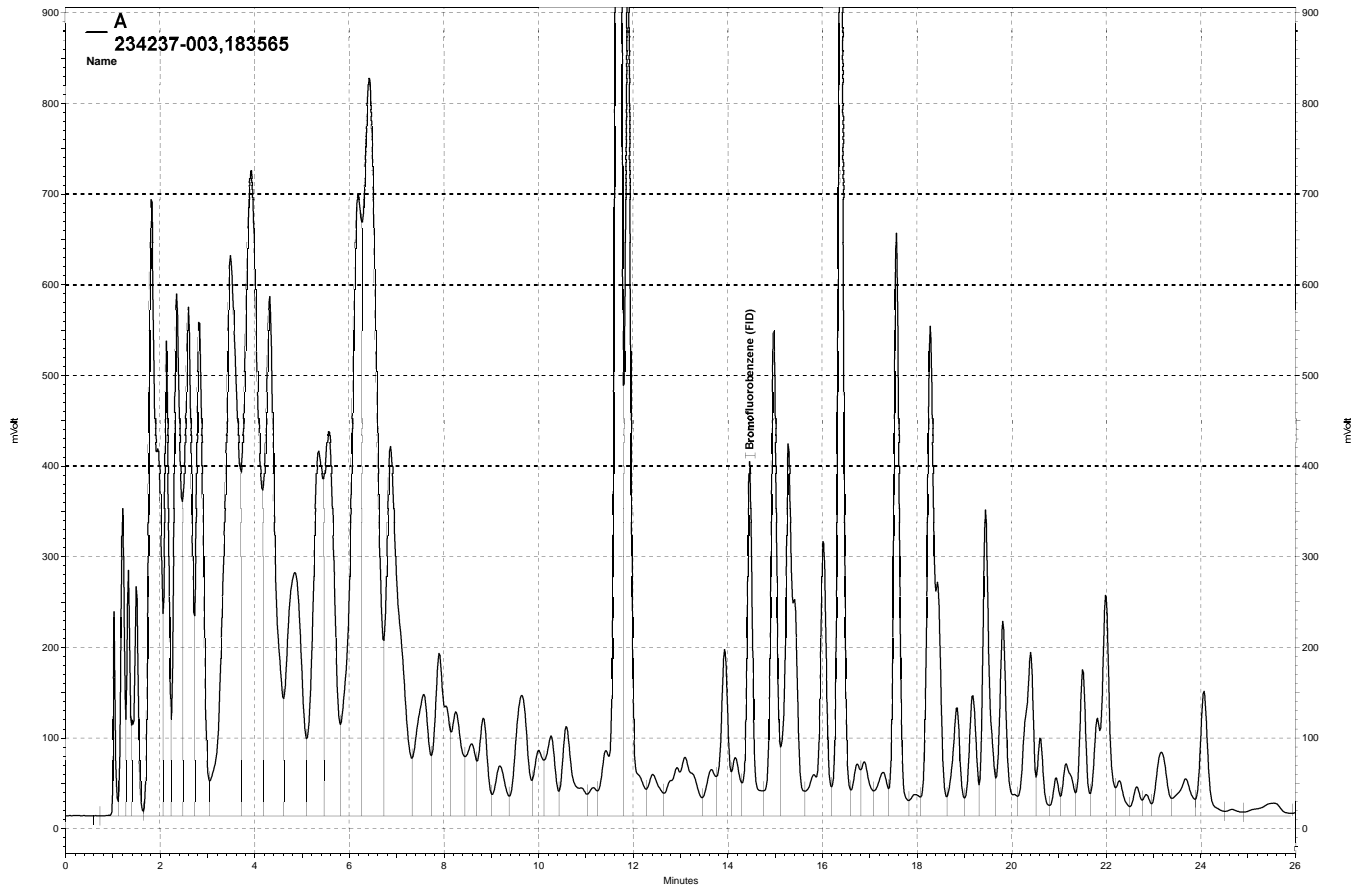
RPD= Relative Percent Difference



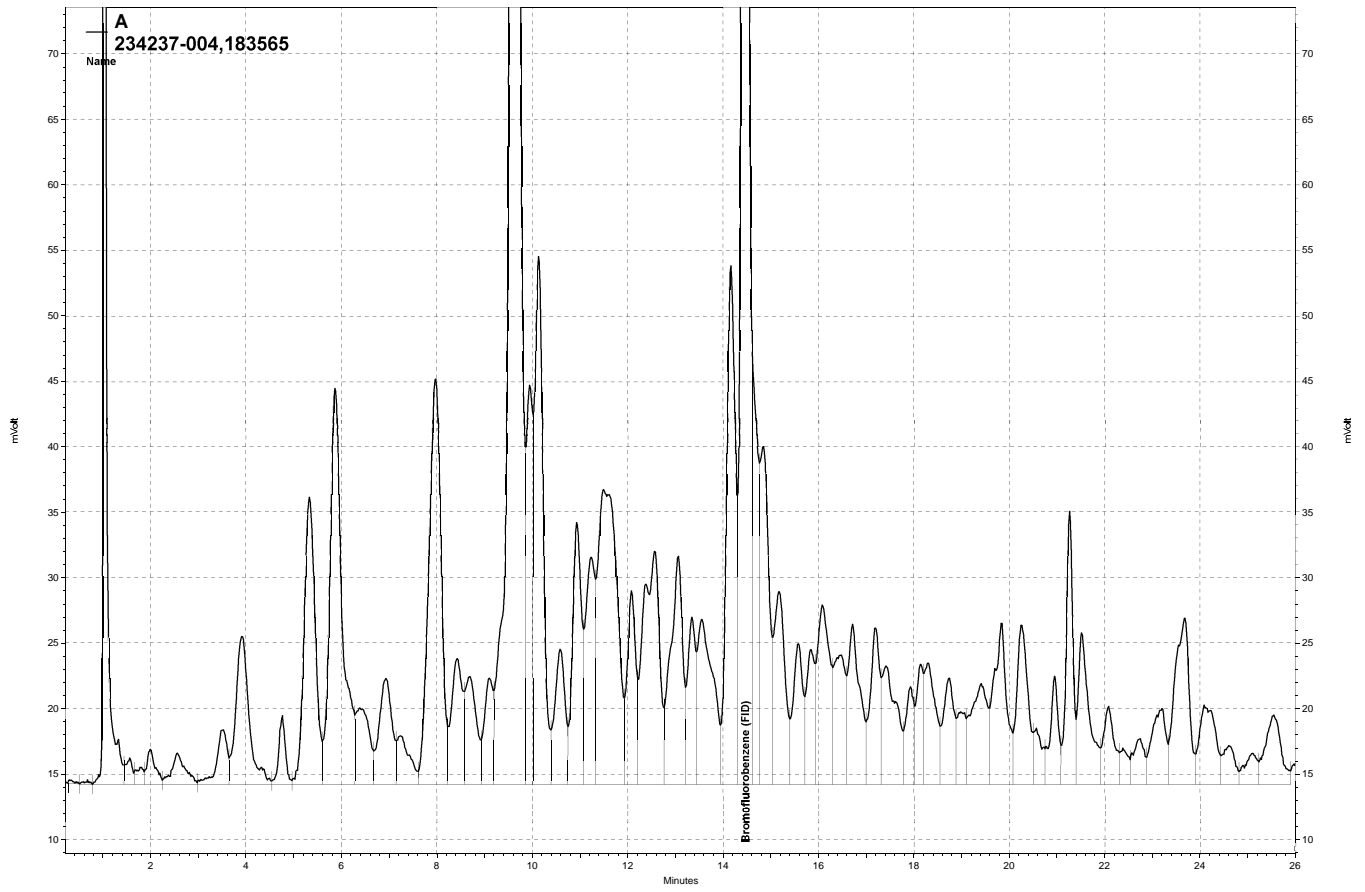
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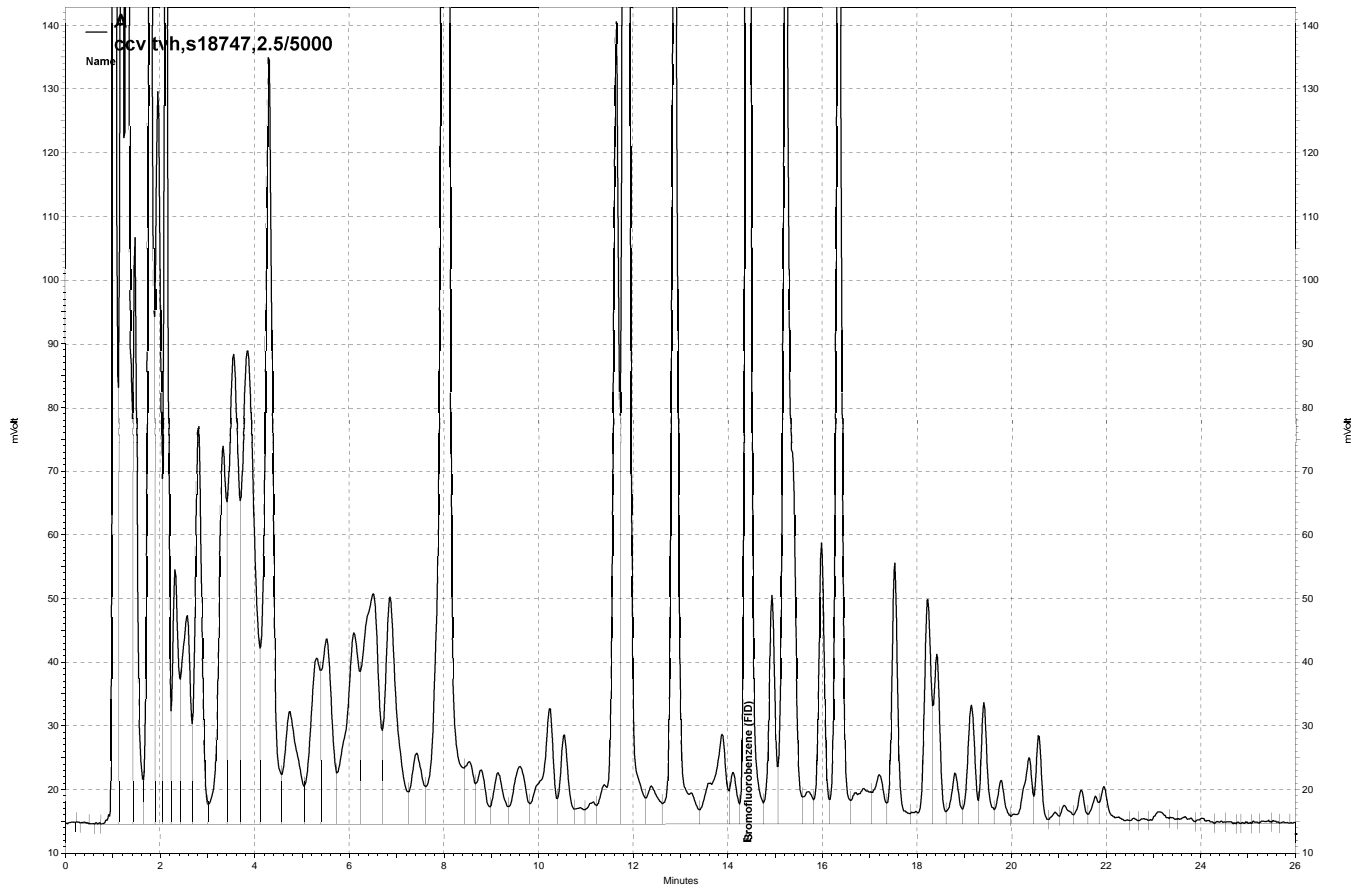
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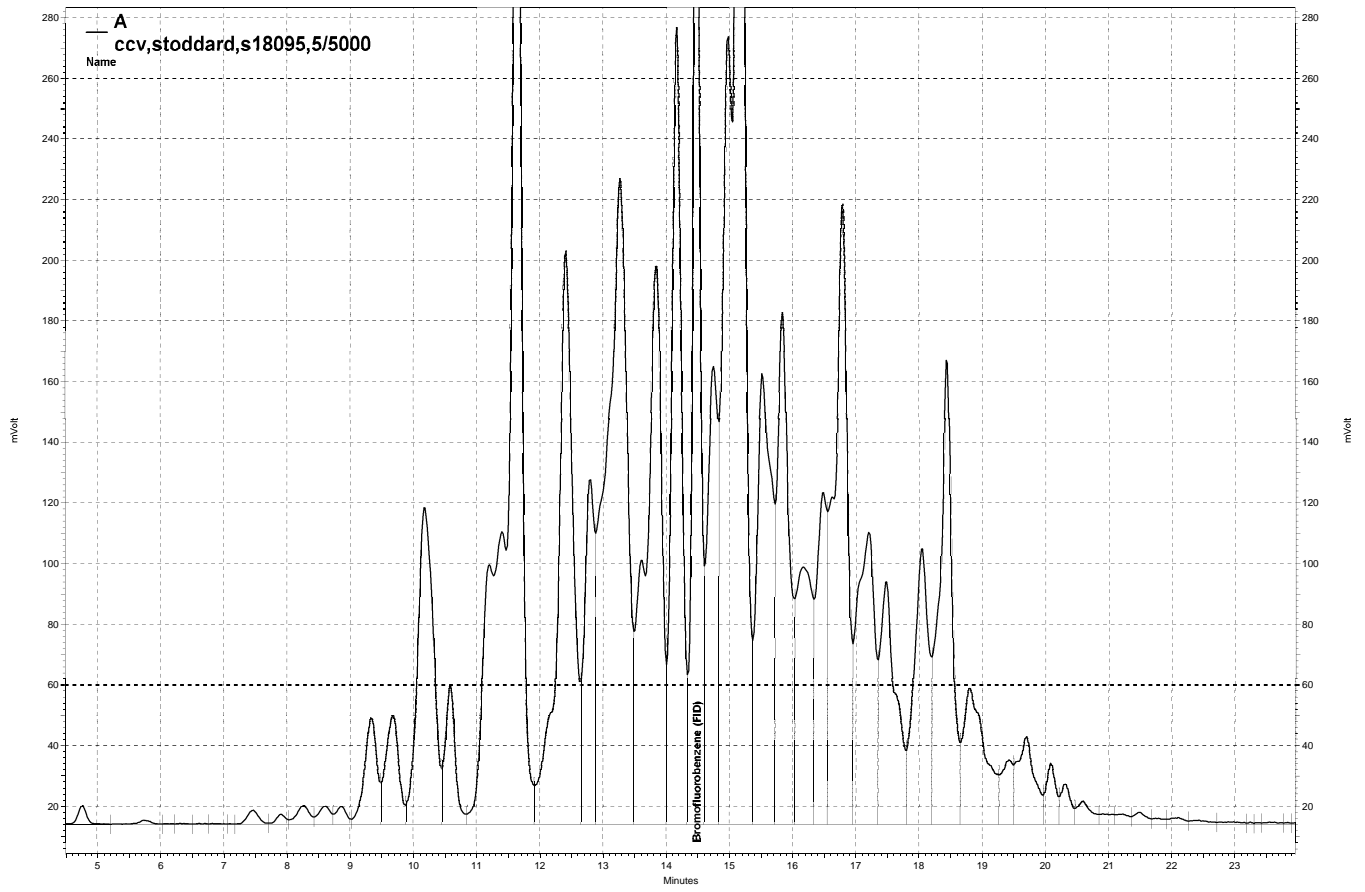
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Total Volatile Hydrocarbons		
Lab #:	234237	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8015B
Matrix:	Soil	Sampled: 02/06/12
Units:	mg/Kg	Received: 02/06/12
Basis:	as received	

Field ID: BH9-8 Diln Fac: 111.1  
 Type: SAMPLE Batch#: 183604  
 Lab ID: 234237-013 Analyzed: 02/09/12

Analyte	Result	RL
Gasoline C7-C12	710	22
Stoddard Solvent C7-C12	480 Y	22

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	120	61-136

Field ID: BH9-16 Diln Fac: 1.000  
 Type: SAMPLE Batch#: 183563  
 Lab ID: 234237-015 Analyzed: 02/08/12

Analyte	Result	RL
Gasoline C7-C12	ND	0.96
Stoddard Solvent C7-C12	ND	0.96

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	90	61-136

Field ID: BH9-30 Diln Fac: 1.000  
 Type: SAMPLE Batch#: 183563  
 Lab ID: 234237-017 Analyzed: 02/08/12

Analyte	Result	RL
Gasoline C7-C12	ND	0.93
Stoddard Solvent C7-C12	ND	0.93

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	92	61-136

Field ID: BH10-9 Diln Fac: 1.000  
 Type: SAMPLE Batch#: 183563  
 Lab ID: 234237-020 Analyzed: 02/08/12

Analyte	Result	RL
Gasoline C7-C12	ND	1.1
Stoddard Solvent C7-C12	ND	1.1

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	93	61-136

Y= Sample exhibits chromatographic pattern which does not resemble standard  
 ND= Not Detected  
 RL= Reporting Limit

Total Volatile Hydrocarbons		
Lab #:	234237	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8015B
Matrix:	Soil	Sampled: 02/06/12
Units:	mg/Kg	Received: 02/06/12
Basis:	as received	

Field ID: BH10-12 Diln Fac: 1.000  
 Type: SAMPLE Batch#: 183563  
 Lab ID: 234237-021 Analyzed: 02/08/12

Analyte	Result	RL
Gasoline C7-C12	8.8 Y	0.93
Stoddard Solvent C7-C12	5.9	0.93

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	95	61-136

Field ID: BH12-5 Diln Fac: 1.000  
 Type: SAMPLE Batch#: 183563  
 Lab ID: 234237-025 Analyzed: 02/08/12

Analyte	Result	RL
Gasoline C7-C12	ND	0.99
Stoddard Solvent C7-C12	ND	0.99

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	90	61-136

Field ID: BH12-12 Diln Fac: 1.000  
 Type: SAMPLE Batch#: 183563  
 Lab ID: 234237-027 Analyzed: 02/08/12

Analyte	Result	RL
Gasoline C7-C12	ND	0.98
Stoddard Solvent C7-C12	ND	0.98

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	92	61-136

Field ID: BH12-30 Diln Fac: 1.000  
 Type: SAMPLE Batch#: 183563  
 Lab ID: 234237-028 Analyzed: 02/08/12

Analyte	Result	RL
Gasoline C7-C12	ND	0.92
Stoddard Solvent C7-C12	ND	0.92

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	89	61-136

Y= Sample exhibits chromatographic pattern which does not resemble standard  
 ND= Not Detected  
 RL= Reporting Limit



## Batch QC Report

Total Volatile Hydrocarbons				
Lab #:	234237	Location:	2145 35th Ave.-Salisbury, Oakland, CA	
Client:	Eagle Env. Construction	Prep:	EPA 5030B	
Project#:	2145 35TH AVENUE	Analysis:	EPA 8015B	
Type:	LCS	Diln Fac:	1.000	
Lab ID:	QC627847	Batch#:	183563	
Matrix:	Soil	Analyzed:	02/07/12	
Units:	mg/Kg			

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	1.000	1.029	103	79-120

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	90	61-136

## Batch QC Report

Total Volatile Hydrocarbons					
Lab #:	234237	Location:	2145 35th Ave.-Salisbury, Oakland, CA		
Client:	Eagle Env. Construction	Prep:	EPA 5030B		
Project#:	2145 35TH AVENUE	Analysis:	EPA 8015B		
Field ID:	ZZZZZZZZZZ	Diln Fac:	1.000		
MSS Lab ID:	234239-001	Batch#:	183563		
Matrix:	Soil	Sampled:	01/31/12		
Units:	mg/Kg	Received:	02/06/12		
Basis:	as received				

Type: MS Analyzed: 02/07/12  
 Lab ID: QC627855

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	0.7251	9.524	4.189	36	31-120

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	89	61-136

Type: MSD Analyzed: 02/08/12  
 Lab ID: QC627856

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	10.20	4.358	36	31-120	2	57

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	91	61-136

RPD= Relative Percent Difference

## Batch QC Report

Total Volatile Hydrocarbons		
Lab #:	234237	Location: 2145 35th Ave.--Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8015B
Matrix:	Soil	Batch#: 183604
Units:	mg/Kg	Analyzed: 02/08/12
Diln Fac:	1.000	

Type: BS Lab ID: QC628004

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	1.000	1.008	101	79-120

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	94	61-136

Type: BSD Lab ID: QC628005

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	1.000	1.091	109	79-120	8	22

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	92	61-136

RPD= Relative Percent Difference

## Batch QC Report

Total Volatile Hydrocarbons				
Lab #:	234237	Location:	2145 35th Ave.-Salisbury, Oakland, CA	
Client:	Eagle Env. Construction	Prep:	EPA 5030B	
Project#:	2145 35TH AVENUE	Analysis:	EPA 8015B	
Type:	LCS	Diln Fac:	1.000	
Lab ID:	QC628295	Batch#:	183672	
Matrix:	Soil	Analyzed:	02/10/12	
Units:	mg/Kg			

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	1.000	1.008	101	79-120

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	92	61-136



**Batch QC Report**

<b>Total Volatile Hydrocarbons</b>					
Lab #:	234237	Location:	2145 35th Ave.-Salisbury, Oakland, CA		
Client:	Eagle Env. Construction	Prep:	EPA 5030B		
Project#:	2145 35TH AVENUE	Analysis:	EPA 8015B		
Field ID:	ZZZZZZZZZZ	Diln Fac:	1.000		
MSS Lab ID:	234340-001	Batch#:	183672		
Matrix:	Soil	Sampled:	02/10/12		
Units:	mg/Kg	Received:	02/10/12		
Basis:	as received	Analyzed:	02/11/12		

Type: MS Lab ID: QC628297

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	0.3313	10.75	9.300	83	31-120

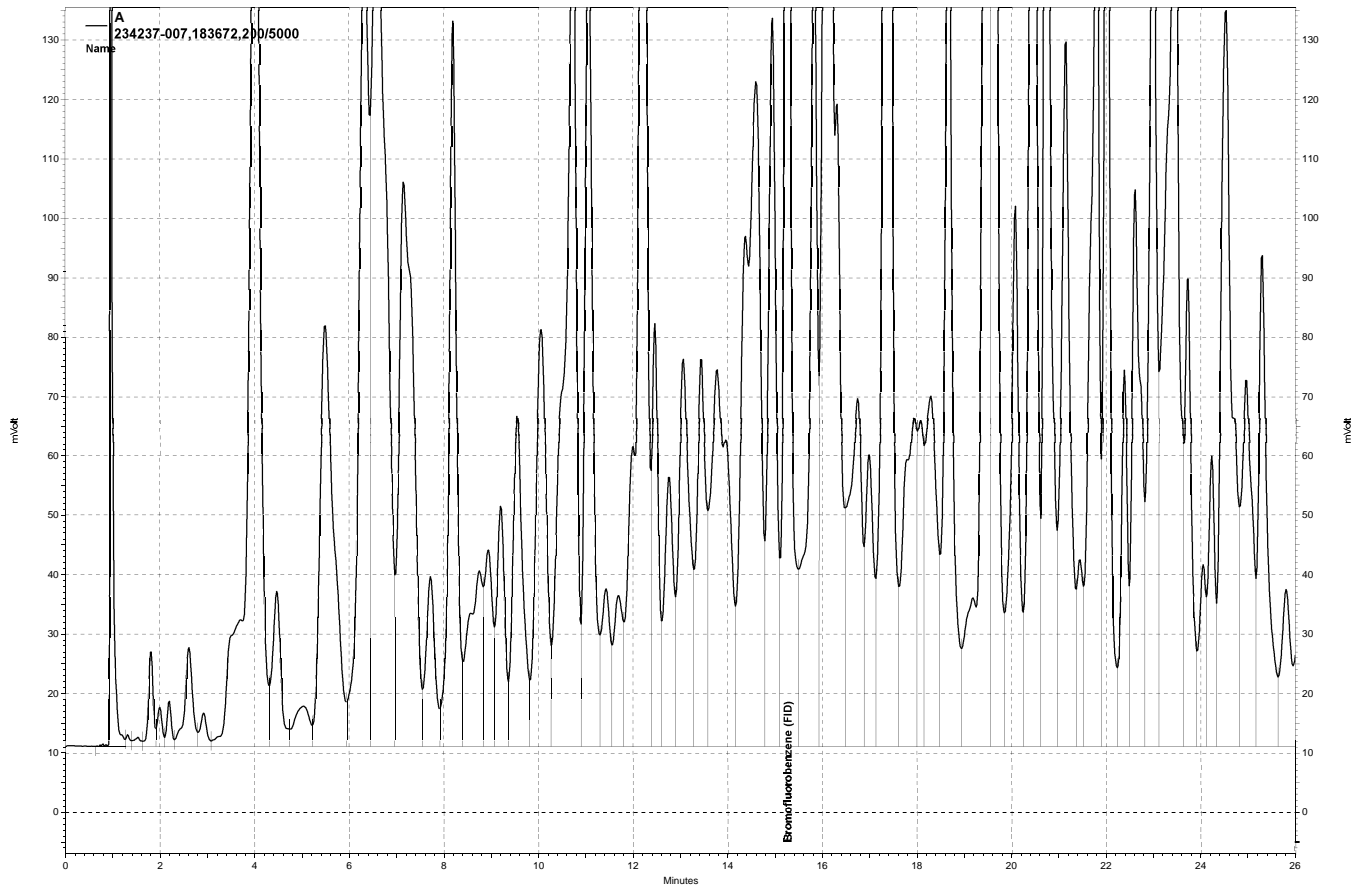
Surrogate	%REC	Limits
Bromofluorobenzene (FID)	90	61-136

Type: MSD Lab ID: QC628298

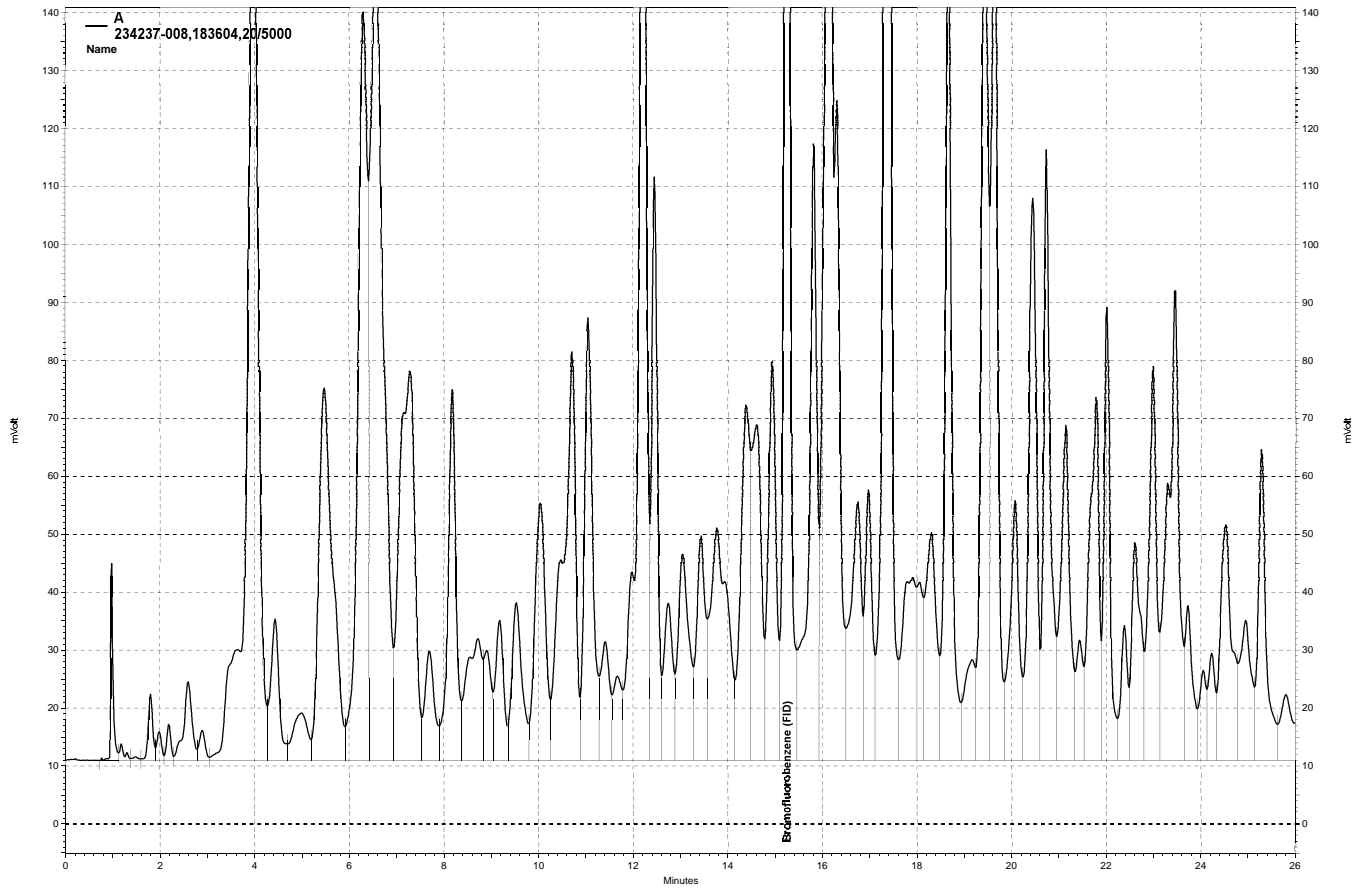
Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	9.524	8.159	82	31-120	1	57

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	93	61-136

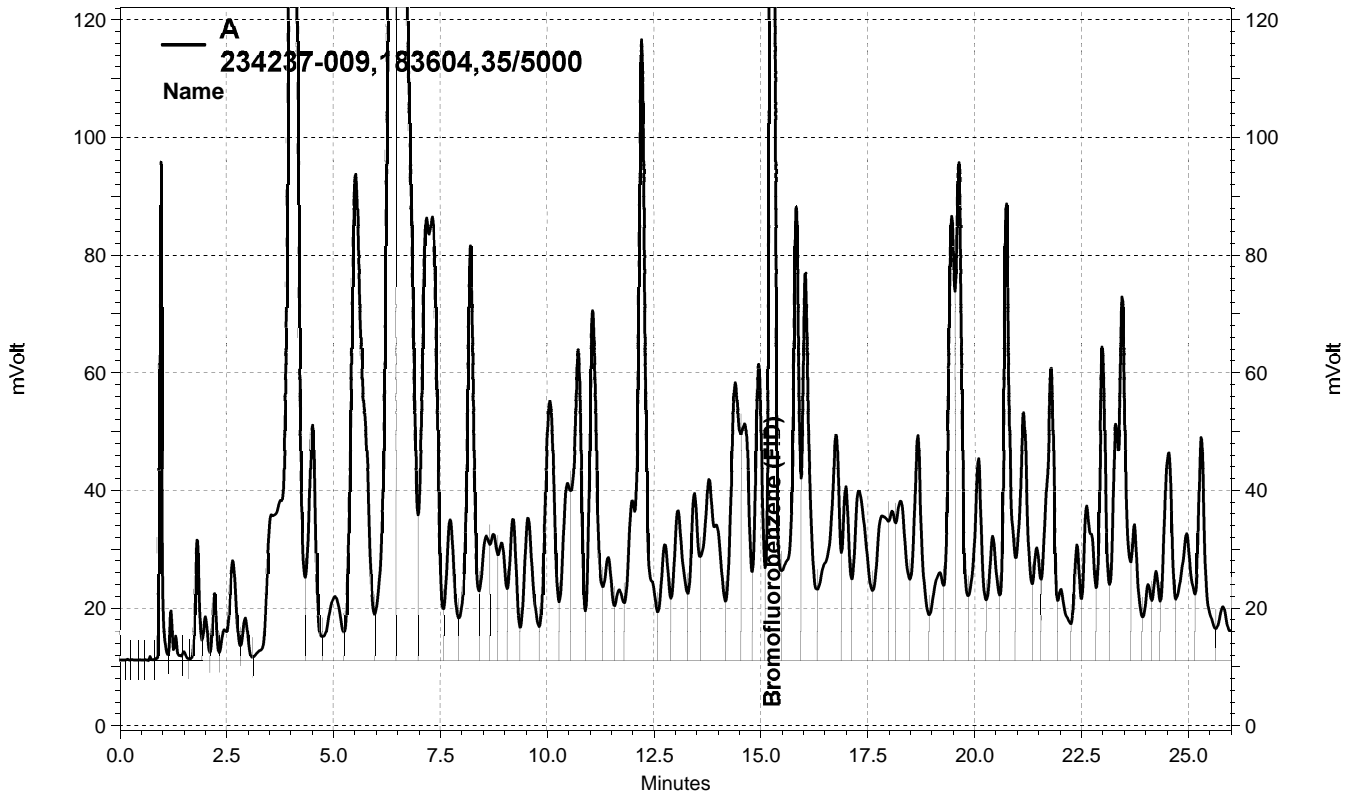
RPD= Relative Percent Difference



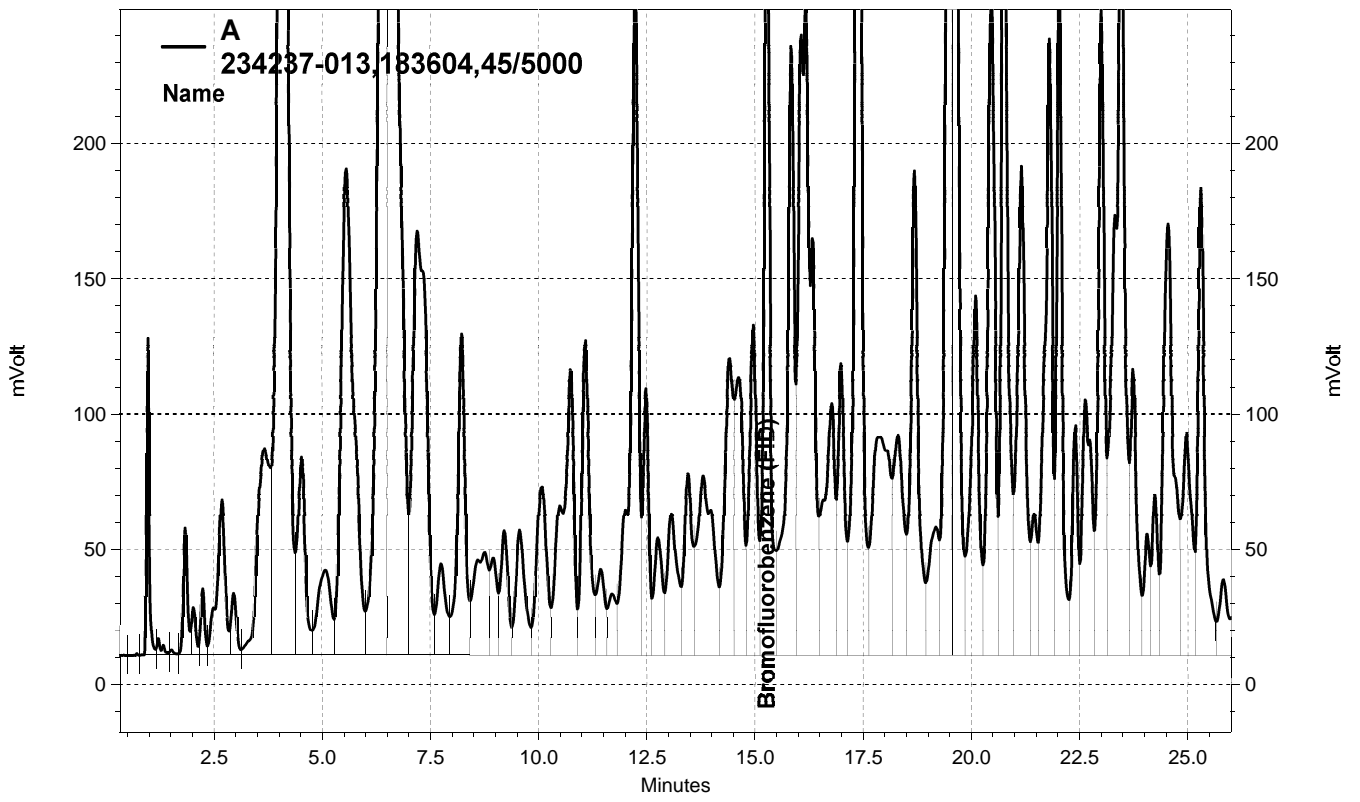
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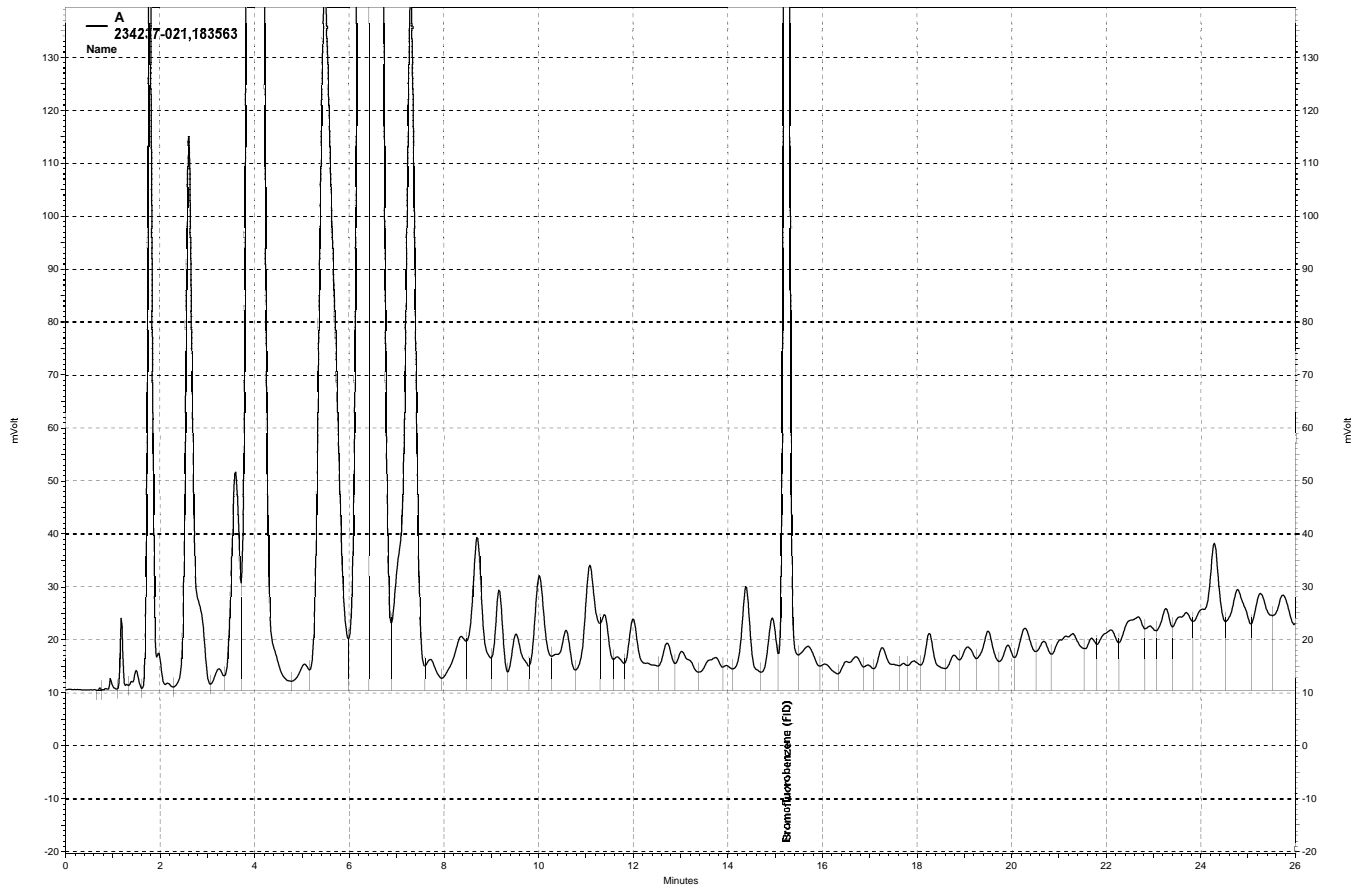
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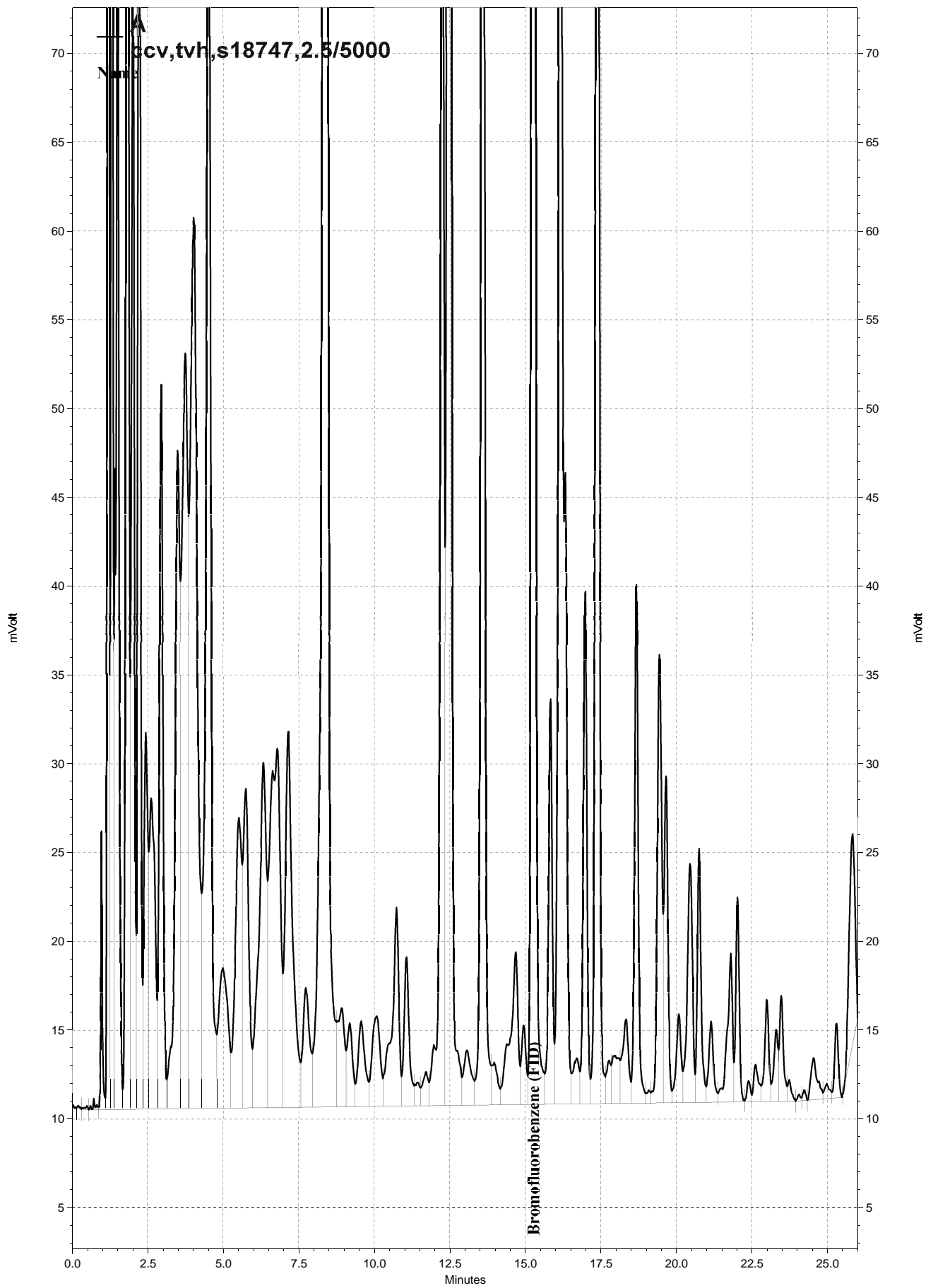
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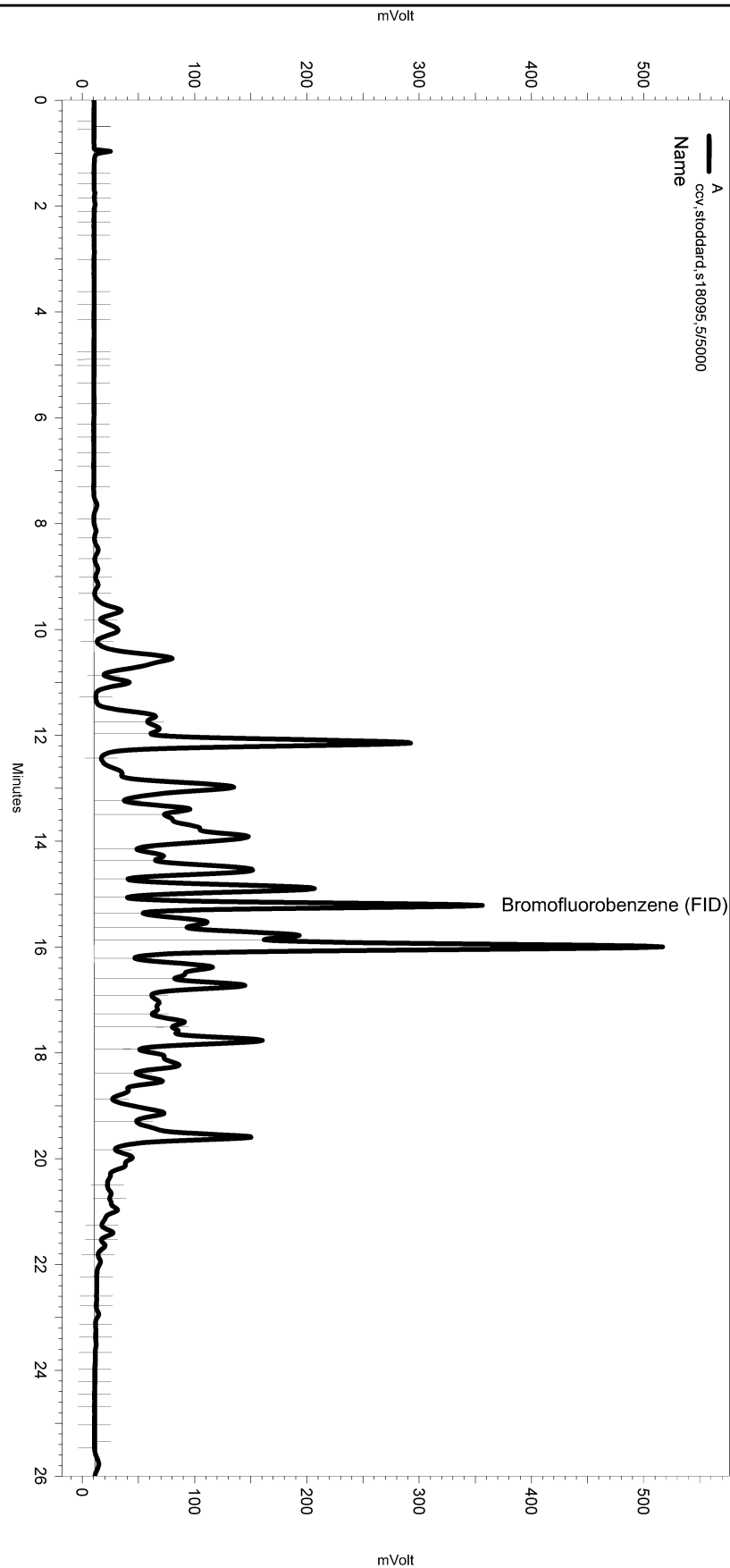
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Software Version 3.1.7  
 Run Date: 2/7/2012 7:05:33 PM  
 Analysis Date: 2/7/2012 7:34:16 PM  
 Sample Amount: 5 Multiplier: 5  
 Vial & pH or Core ID: {Data Description}



Channel A

---< General Method Parameters >---

No items selected for this section

---< A >---

No items selected for this section

Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

Manual Integration Fixes

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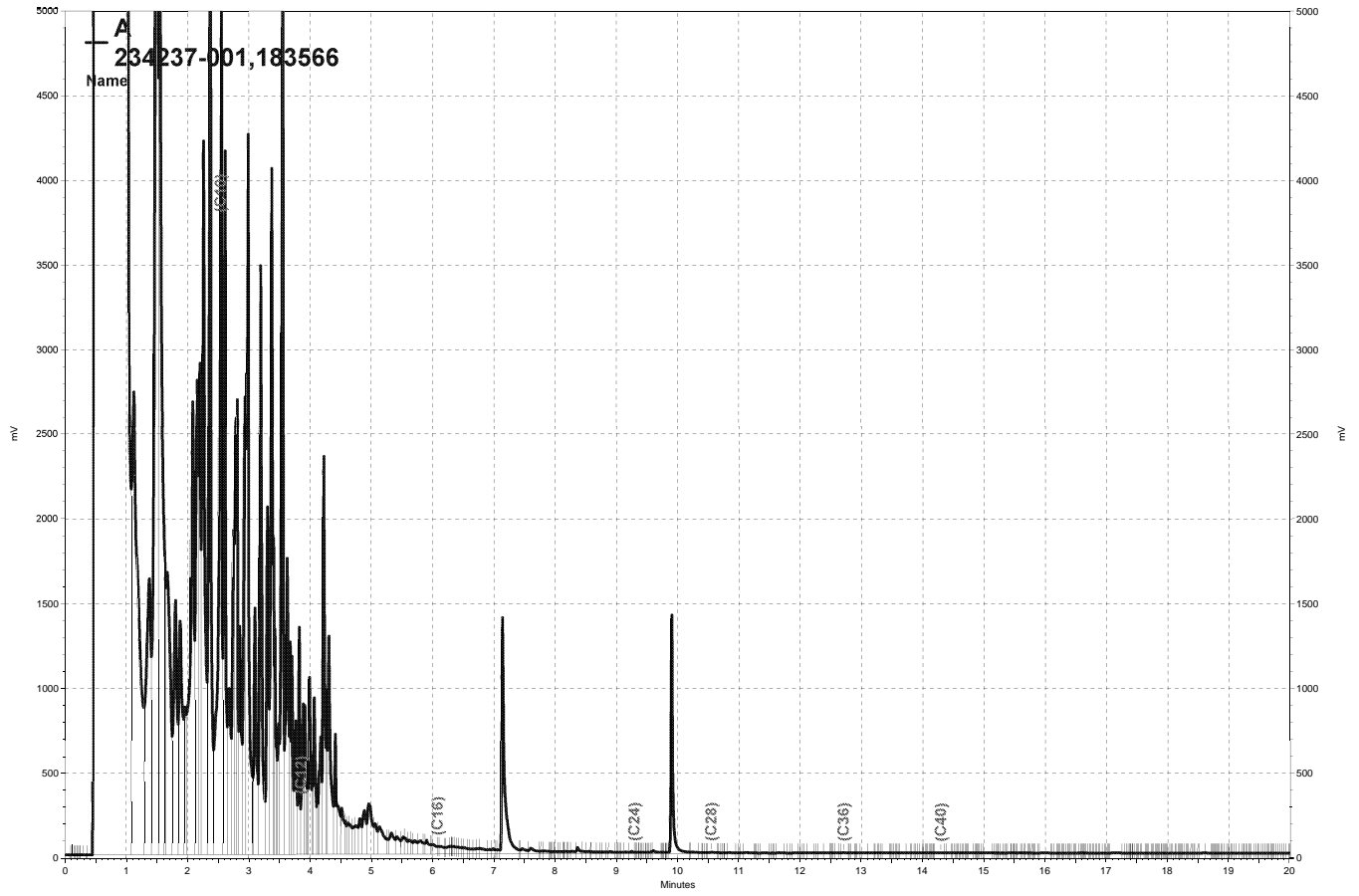
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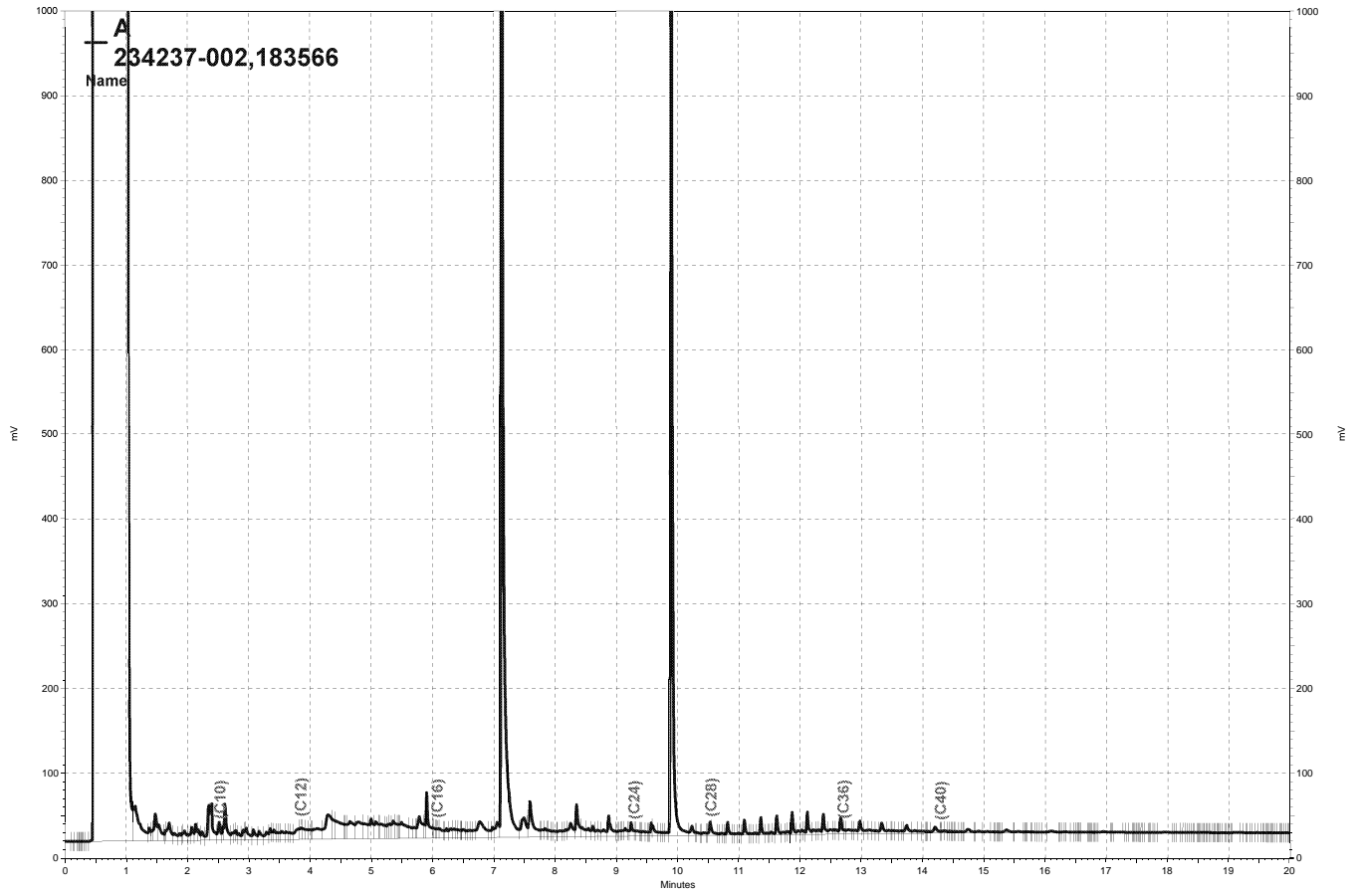




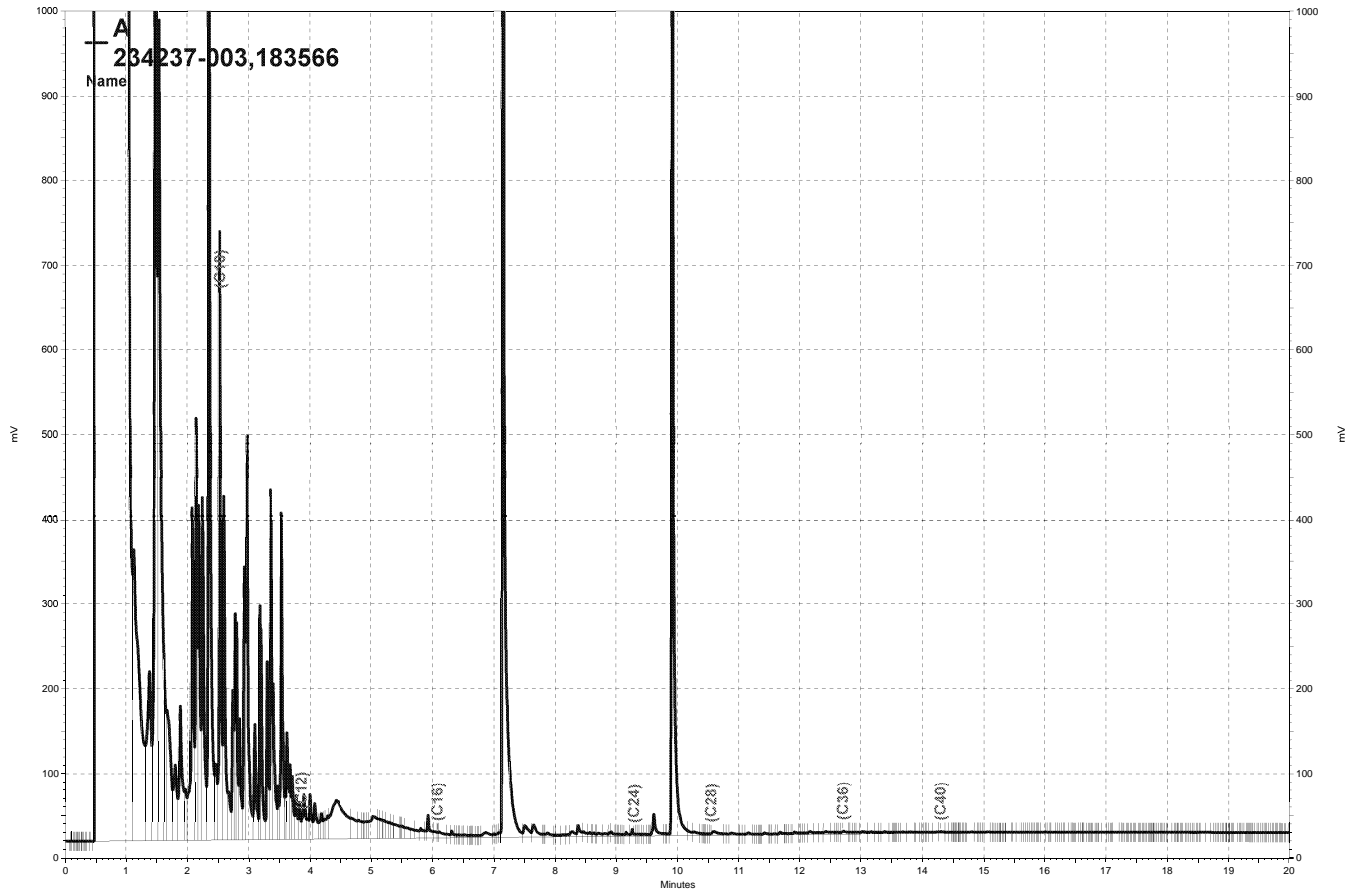




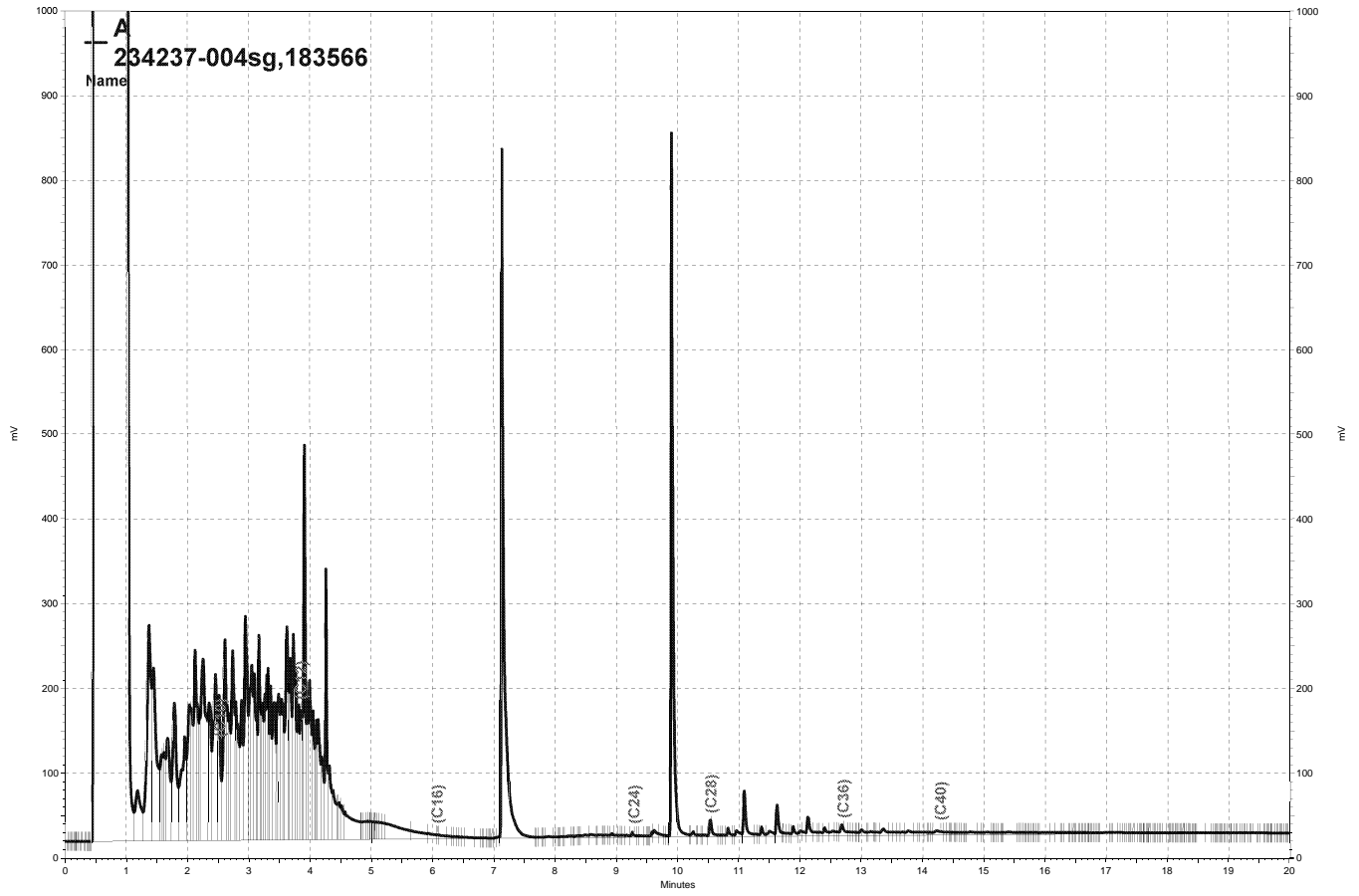
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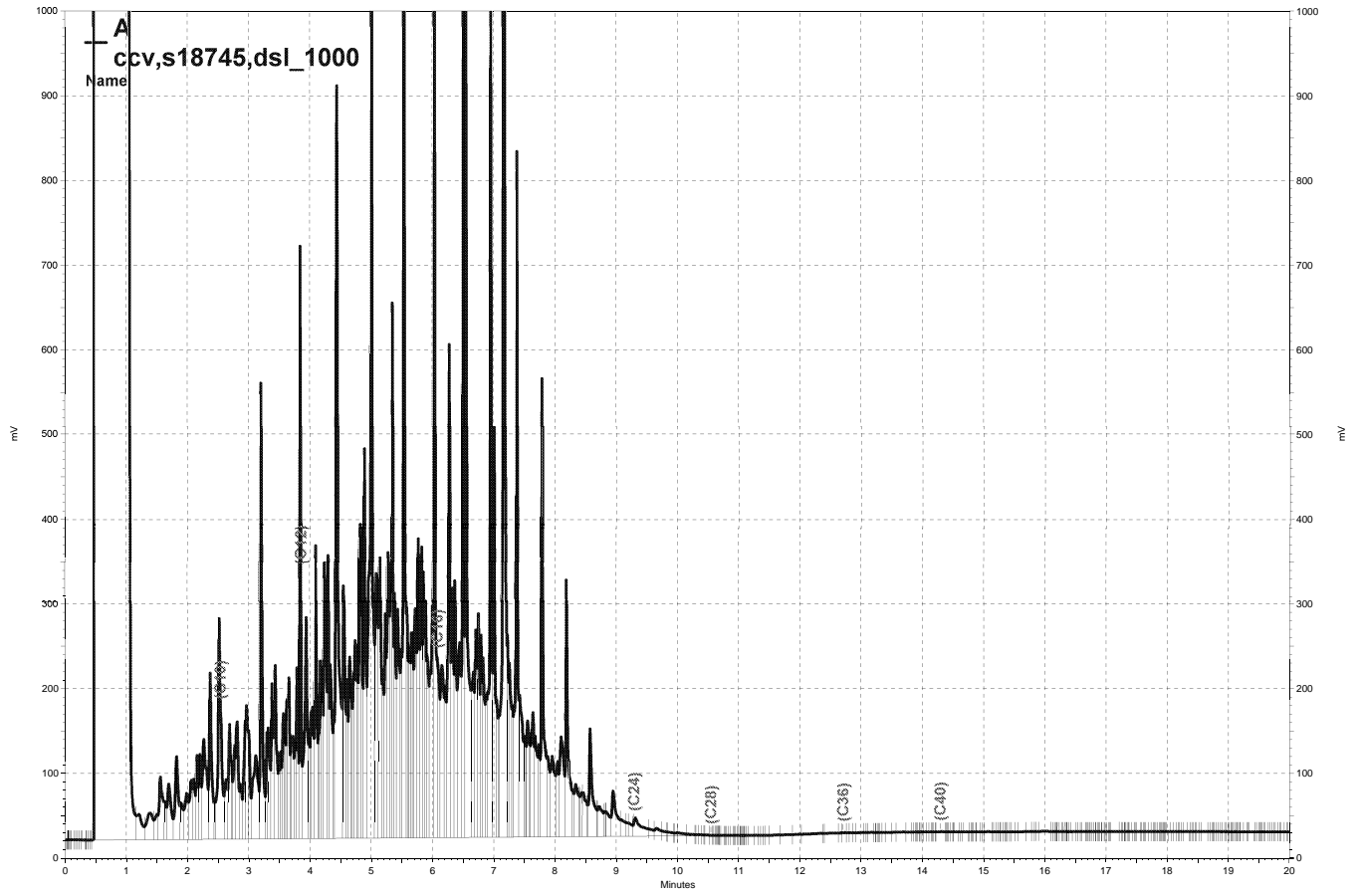
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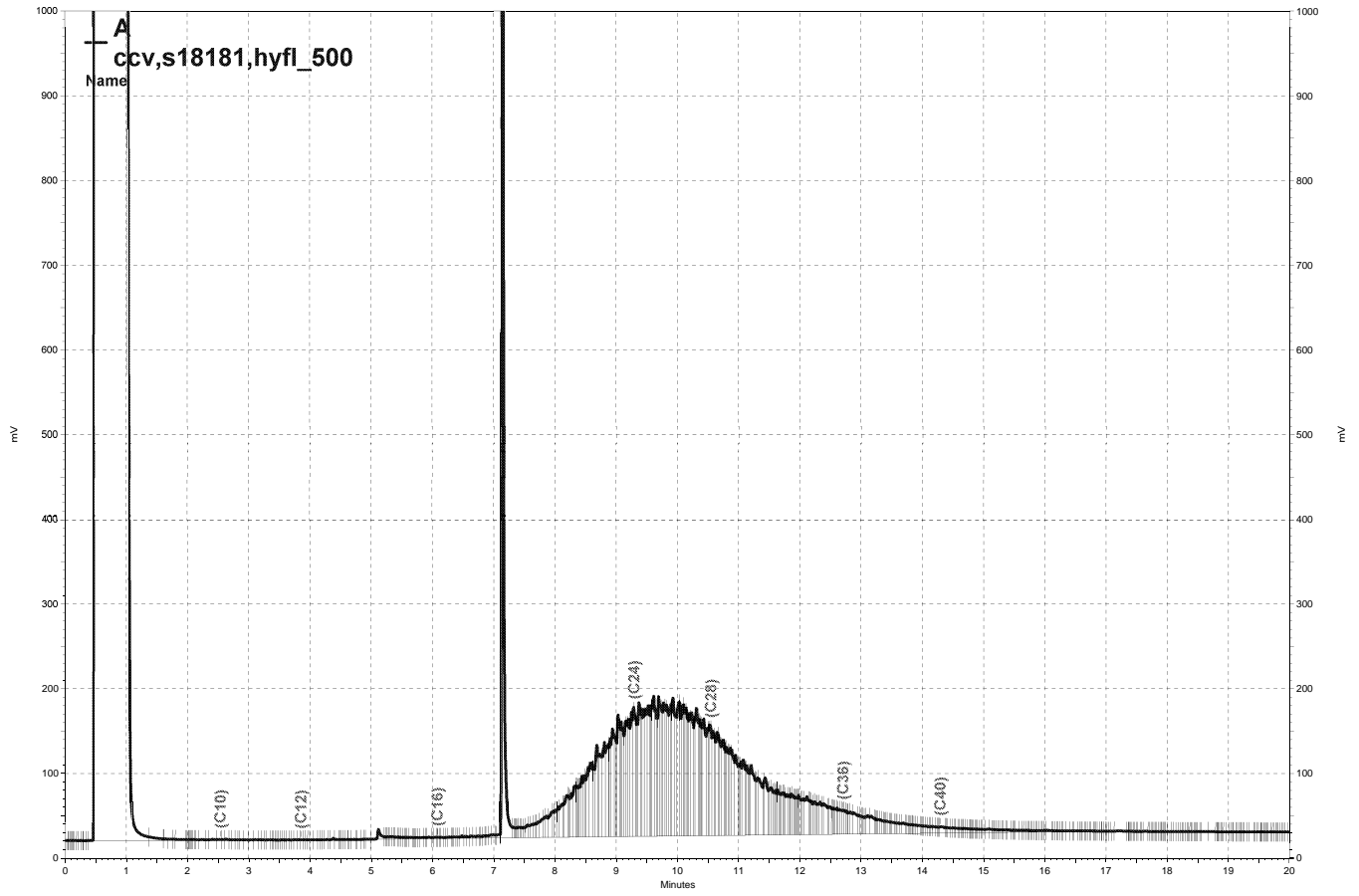


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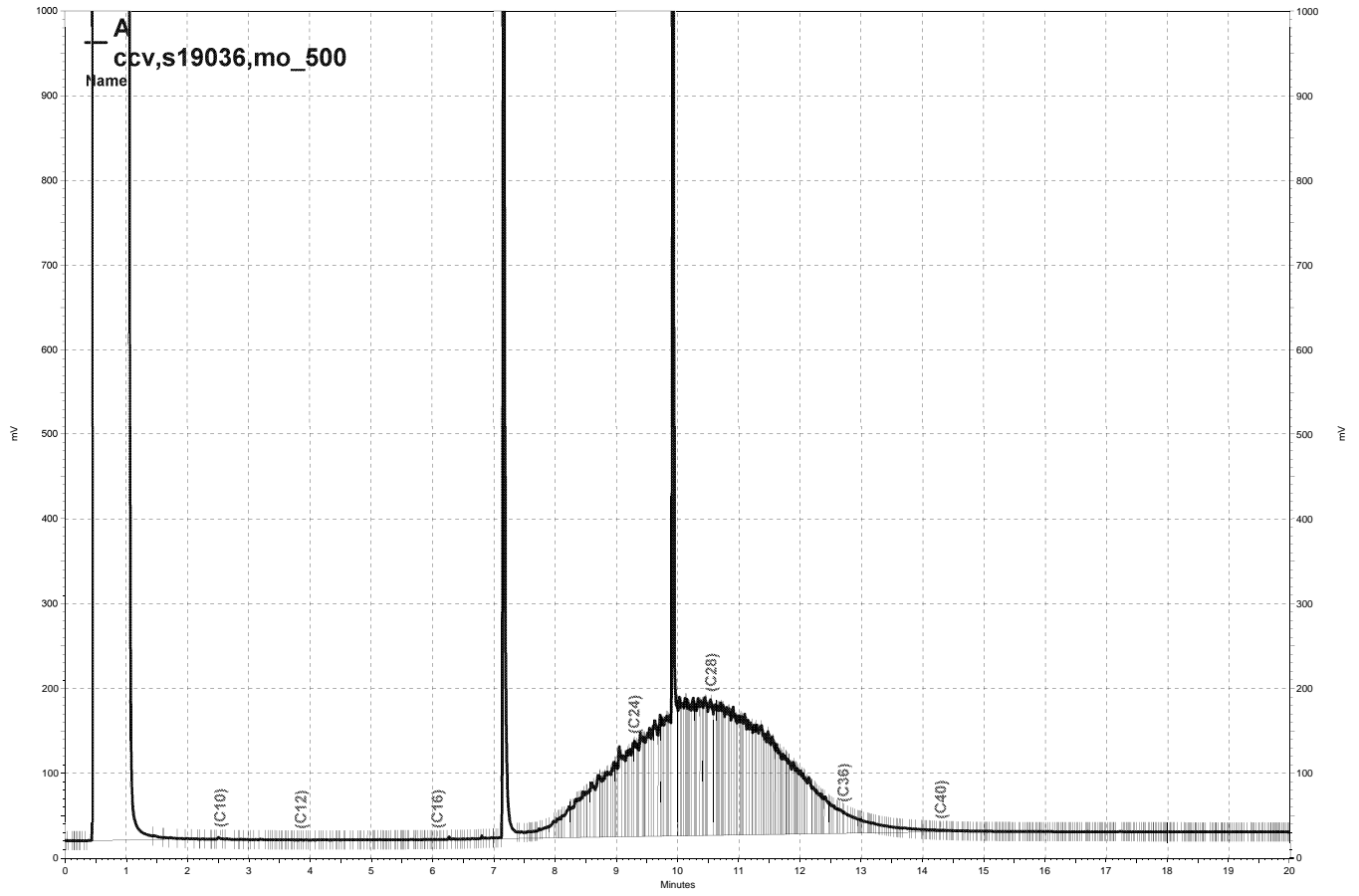


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— \\Lims\gdrive\ezchrom\Projects\GC17A\Data\039a005, A

Total Extractable Hydrocarbons		
Lab #:	234237	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 3550B
Project#:	2145 35TH AVENUE	Analysis: EPA 8015B
Matrix:	Soil	Sampled: 02/06/12
Units:	mg/Kg	Received: 02/06/12
Basis:	as received	Prepared: 02/07/12
Batch#:	183560	

Field ID: BH5-5 Diln Fac: 1.000  
 Type: SAMPLE Analyzed: 02/08/12  
 Lab ID: 234237-007

Analyte	Result	RL
Diesel C10-C24	25	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	100	49-128

Field ID: BH5-8 Diln Fac: 1.000  
 Type: SAMPLE Analyzed: 02/08/12  
 Lab ID: 234237-008

Analyte	Result	RL
Diesel C10-C24	210	0.99
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	108	49-128

Field ID: BH5-12 Diln Fac: 1.000  
 Type: SAMPLE Analyzed: 02/08/12  
 Lab ID: 234237-009

Analyte	Result	RL
Diesel C10-C24	240	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	106	49-128

Field ID: BH5-30 Diln Fac: 1.000  
 Type: SAMPLE Analyzed: 02/08/12  
 Lab ID: 234237-011

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	109	49-128

Y= Sample exhibits chromatographic pattern which does not resemble standard  
 ND= Not Detected  
 RL= Reporting Limit

Total Extractable Hydrocarbons		
Lab #:	234237	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 3550B
Project#:	2145 35TH AVENUE	Analysis: EPA 8015B
Matrix:	Soil	Sampled: 02/06/12
Units:	mg/Kg	Received: 02/06/12
Basis:	as received	Prepared: 02/07/12
Batch#:	183560	

Field ID: BH9-8 Diln Fac: 5.000  
 Type: SAMPLE Analyzed: 02/09/12  
 Lab ID: 234237-013

Analyte	Result	RL
Diesel C10-C24	870	5.0
Motor Oil C24-C36	ND	25

Surrogate	%REC	Limits
o-Terphenyl	99	49-128

Field ID: BH9-16 Diln Fac: 1.000  
 Type: SAMPLE Analyzed: 02/08/12  
 Lab ID: 234237-015

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	101	49-128

Field ID: BH9-30 Diln Fac: 1.000  
 Type: SAMPLE Analyzed: 02/08/12  
 Lab ID: 234237-017

Analyte	Result	RL
Diesel C10-C24	1.3 Y	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	97	49-128

Field ID: BH10-9 Diln Fac: 1.000  
 Type: SAMPLE Analyzed: 02/09/12  
 Lab ID: 234237-020 Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0
Hydraulic Fluid, C12-40	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	91	49-128

Y= Sample exhibits chromatographic pattern which does not resemble standard  
 ND= Not Detected  
 RL= Reporting Limit

Total Extractable Hydrocarbons		
Lab #:	234237	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 3550B
Project#:	2145 35TH AVENUE	Analysis: EPA 8015B
Matrix:	Soil	Sampled: 02/06/12
Units:	mg/Kg	Received: 02/06/12
Basis:	as received	Prepared: 02/07/12
Batch#:	183560	

Field ID: BH10-12 Diln Fac: 5.000  
 Type: SAMPLE Analyzed: 02/09/12  
 Lab ID: 234237-021 Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	160 Y	5.0
Motor Oil C24-C36	570	25
Hydraulic Fluid, C12-40	790	25

Surrogate	%REC	Limits
o-Terphenyl	90	49-128

Field ID: BH12-5 Diln Fac: 1.000  
 Type: SAMPLE Analyzed: 02/09/12  
 Lab ID: 234237-025 Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	106	49-128

Field ID: BH12-12 Diln Fac: 1.000  
 Type: SAMPLE Analyzed: 02/09/12  
 Lab ID: 234237-027 Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	100	49-128

Field ID: BH12-30 Diln Fac: 1.000  
 Type: SAMPLE Analyzed: 02/09/12  
 Lab ID: 234237-028 Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	88	49-128

Y= Sample exhibits chromatographic pattern which does not resemble standard  
 ND= Not Detected  
 RL= Reporting Limit

Total Extractable Hydrocarbons		
Lab #:	234237	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 3550B
Project#:	2145 35TH AVENUE	Analysis: EPA 8015B
Matrix:	Soil	Sampled: 02/06/12
Units:	mg/Kg	Received: 02/06/12
Basis:	as received	Prepared: 02/07/12
Batch#:	183560	

Type:	BLANK	Analyzed:	02/09/12
Lab ID:	QC627834	Cleanup Method:	EPA 3630C
Diln Fac:	1.000		

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0
Hydraulic Fluid, C12-40	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	98	49-128

Y= Sample exhibits chromatographic pattern which does not resemble standard  
 ND= Not Detected  
 RL= Reporting Limit

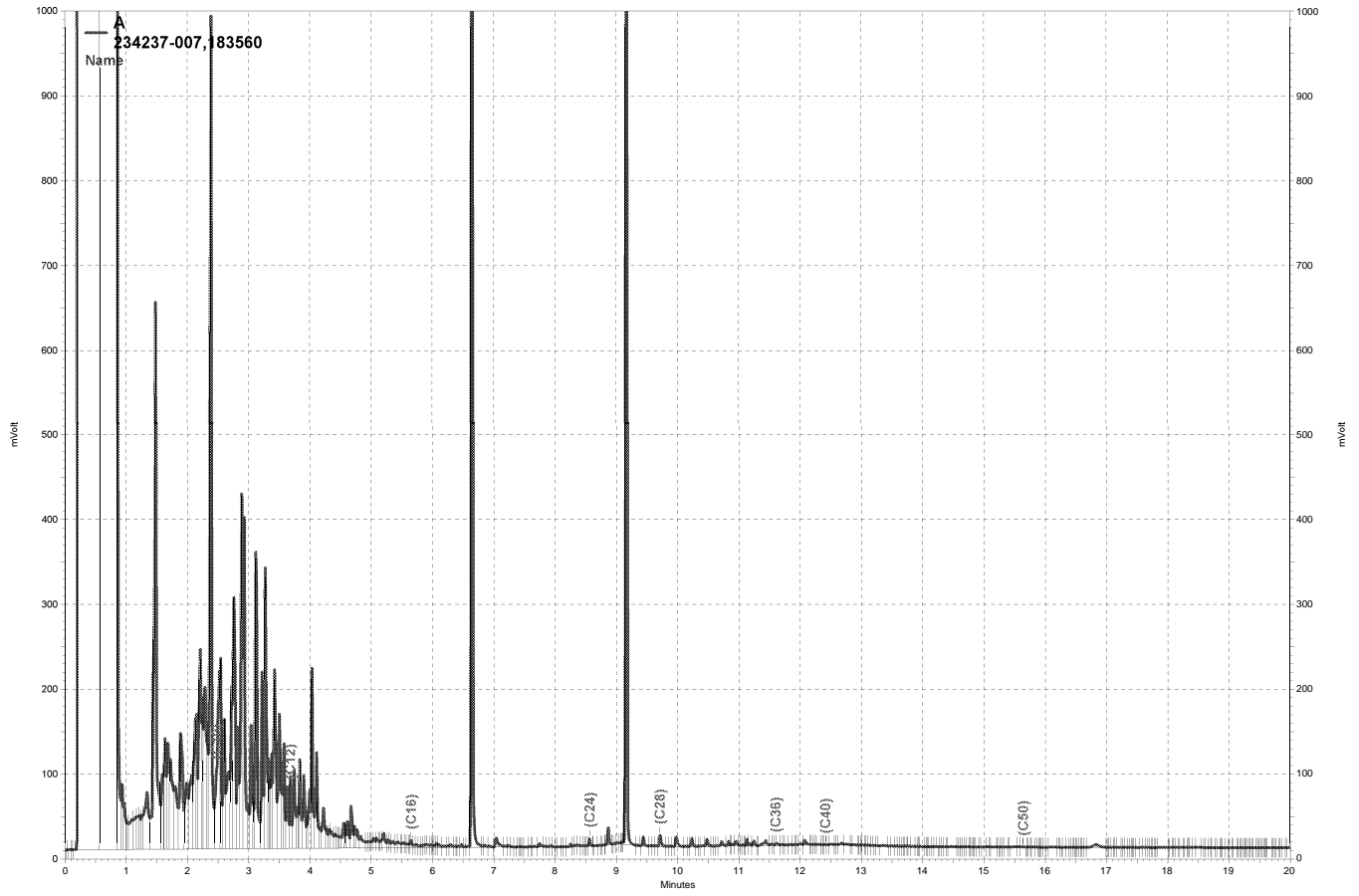
Batch QC Report

Total Extractable Hydrocarbons		
Lab #:	234237	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 3550B
Project#:	2145 35TH AVENUE	Analysis: EPA 8015B
Type:	LCS	Diln Fac: 1.000
Lab ID:	QC627835	Batch#: 183560
Matrix:	Soil	Prepared: 02/07/12
Units:	mg/Kg	Analyzed: 02/09/12

Cleanup Method: EPA 3630C

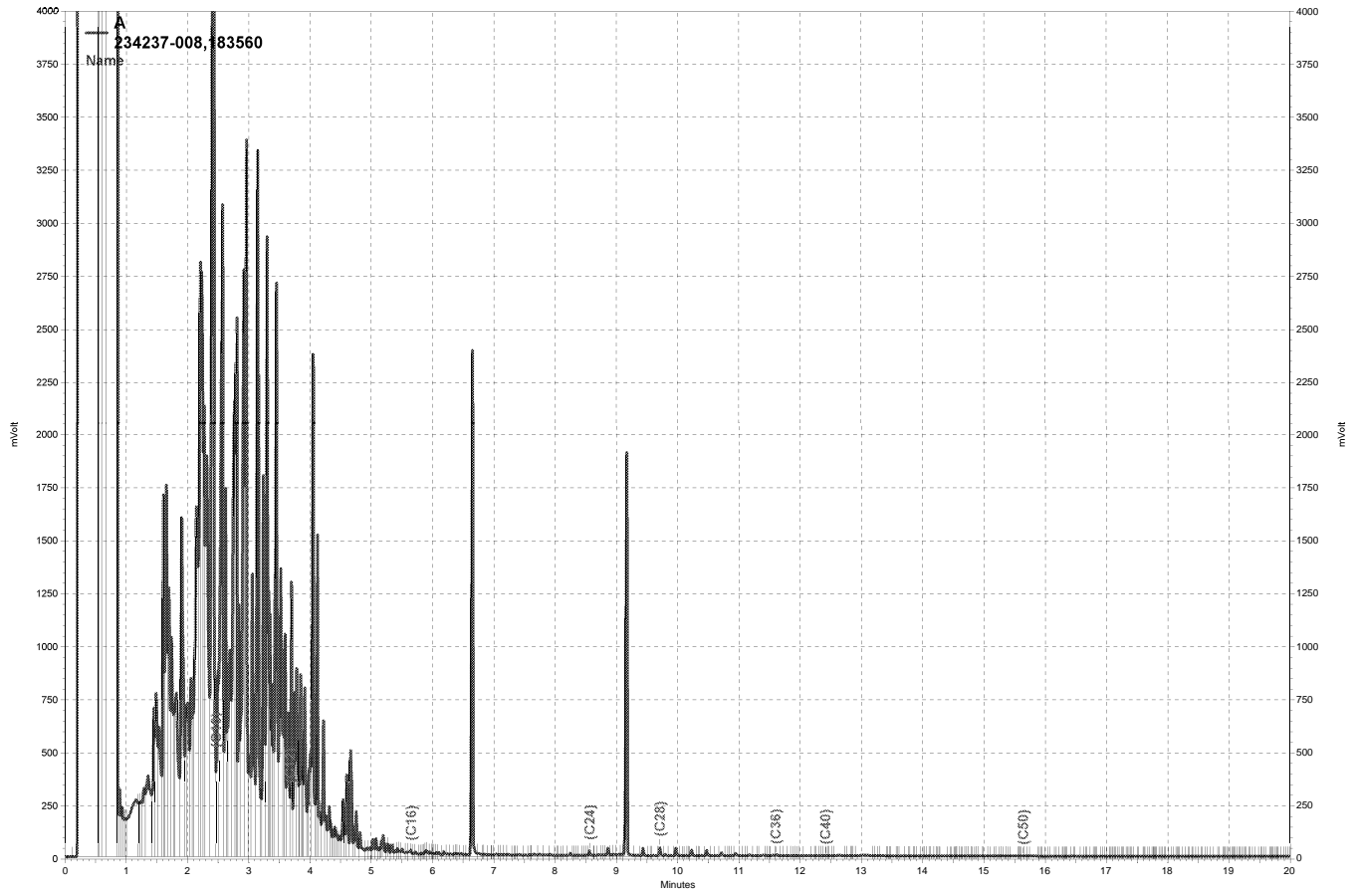
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Diesel C10-C24	49.80	47.70	96	47-132

Surrogate	%REC	Limits
o-Terphenyl	99	49-128

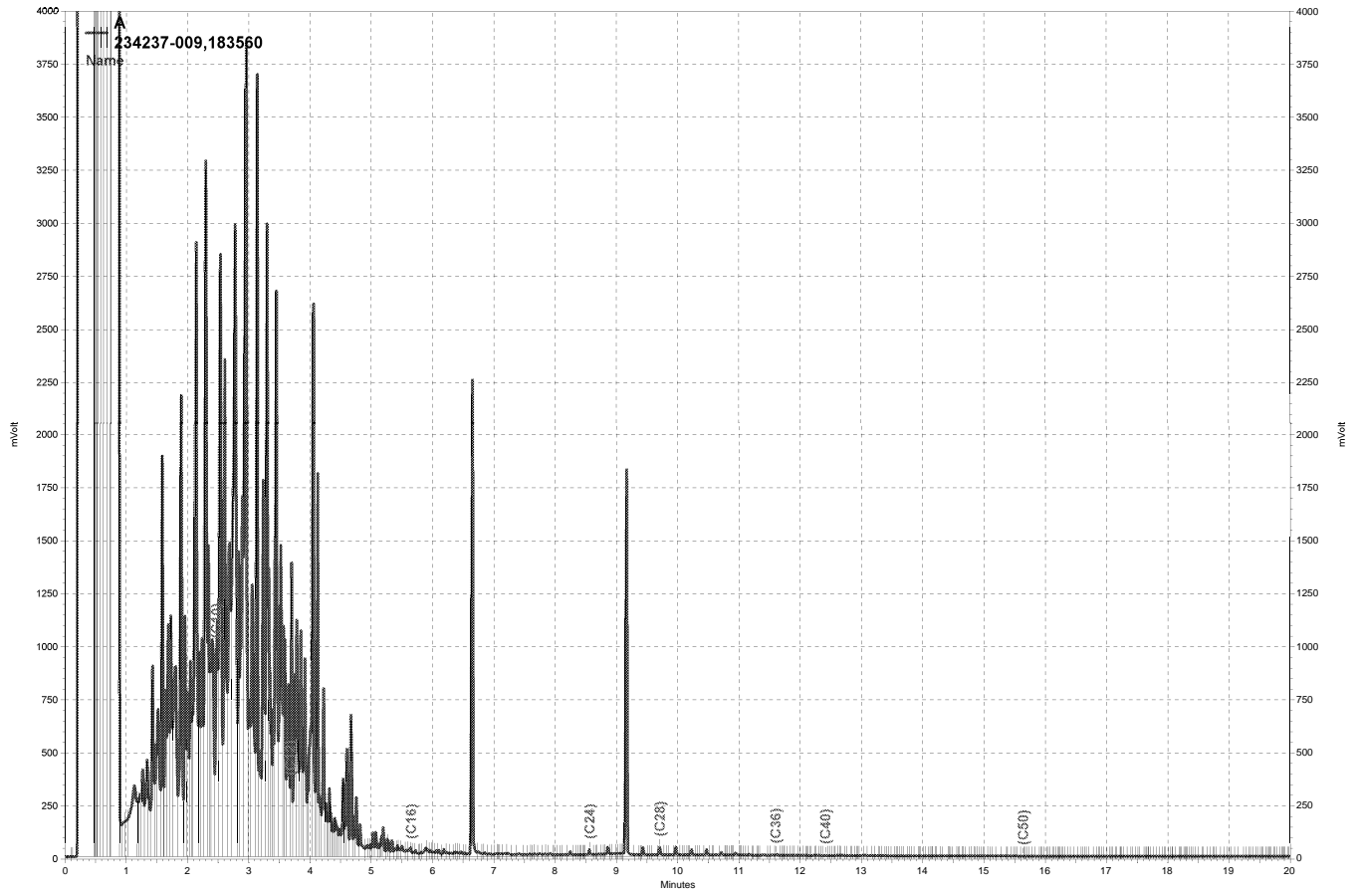


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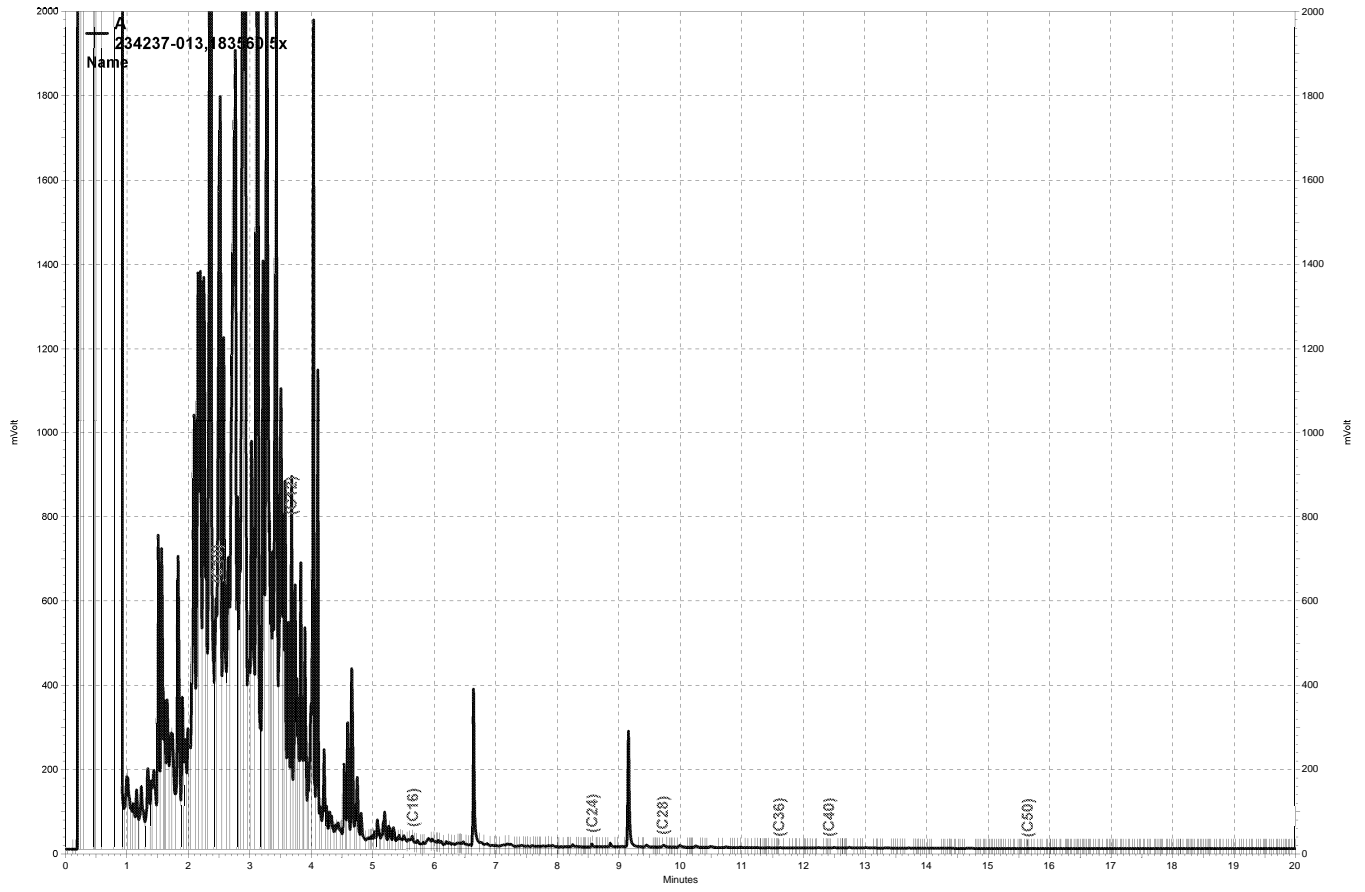




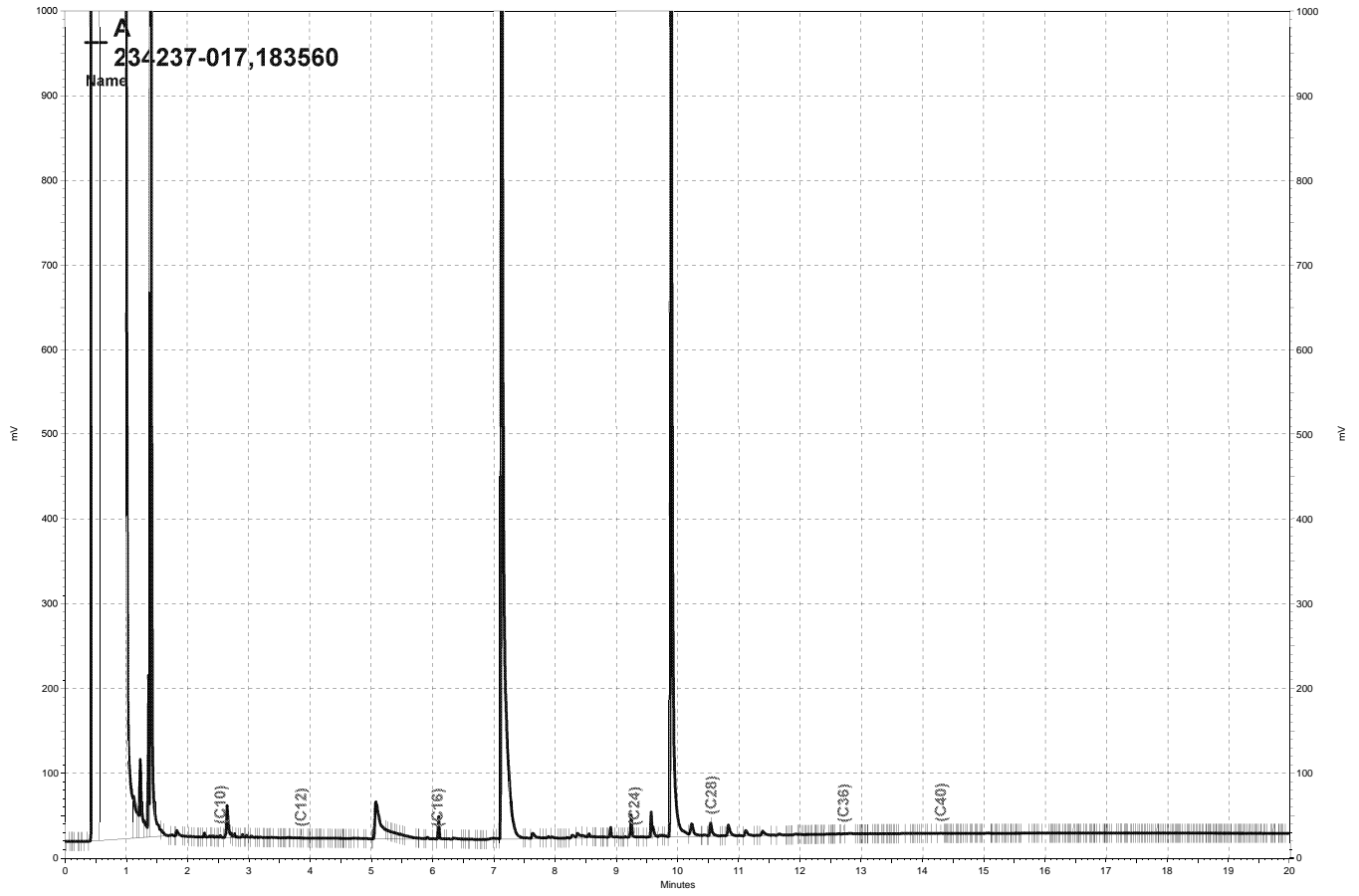
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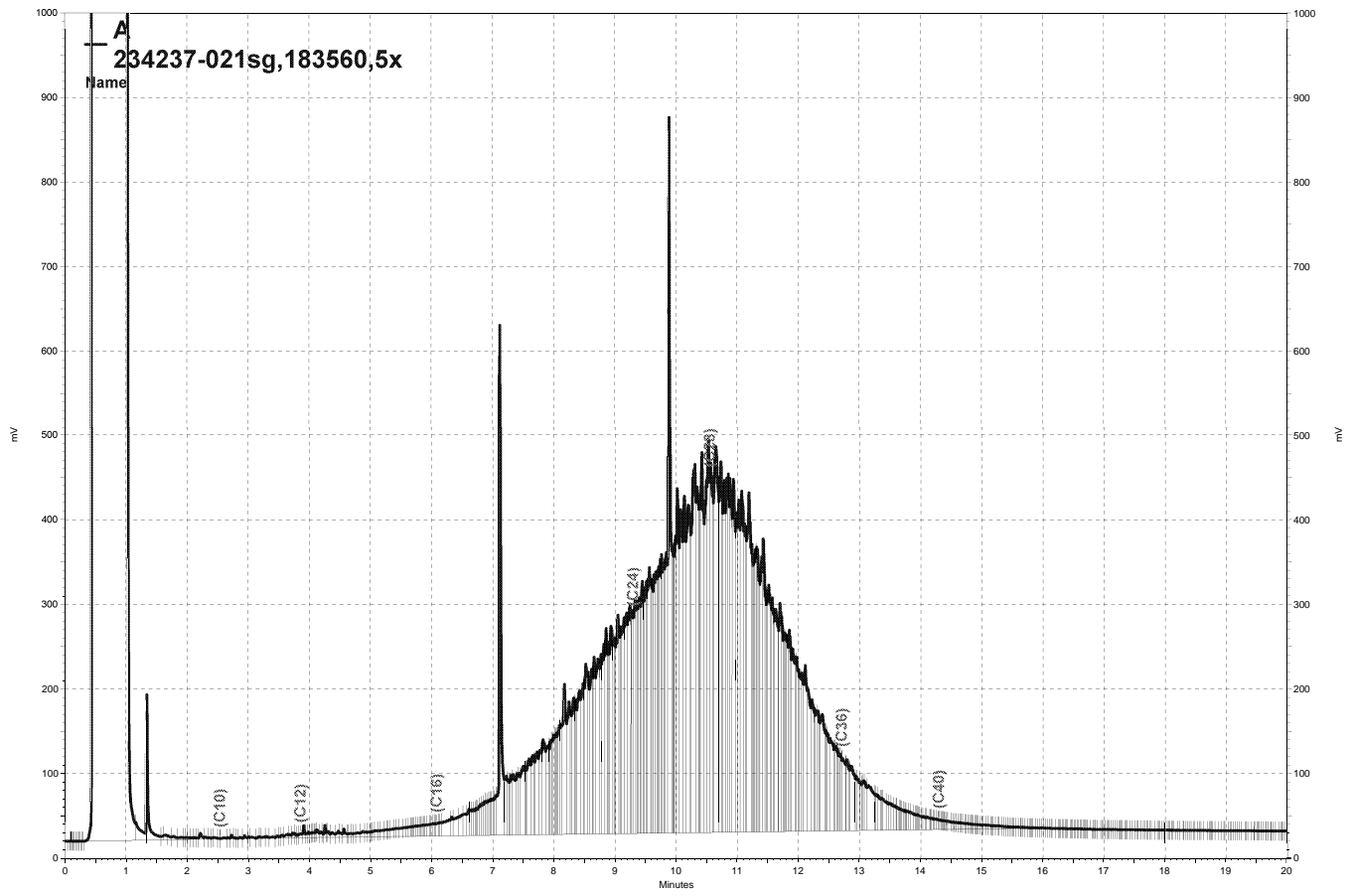
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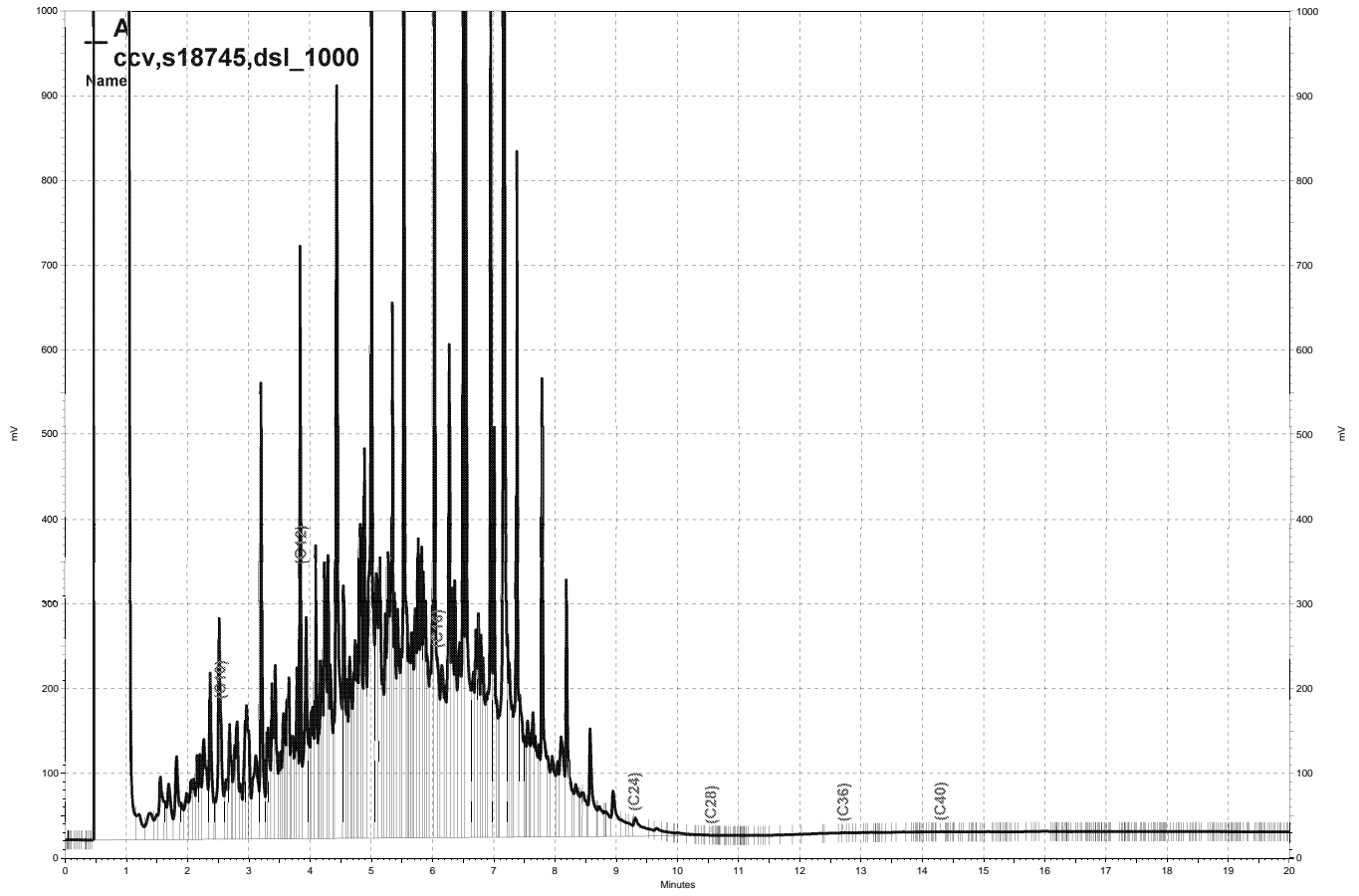
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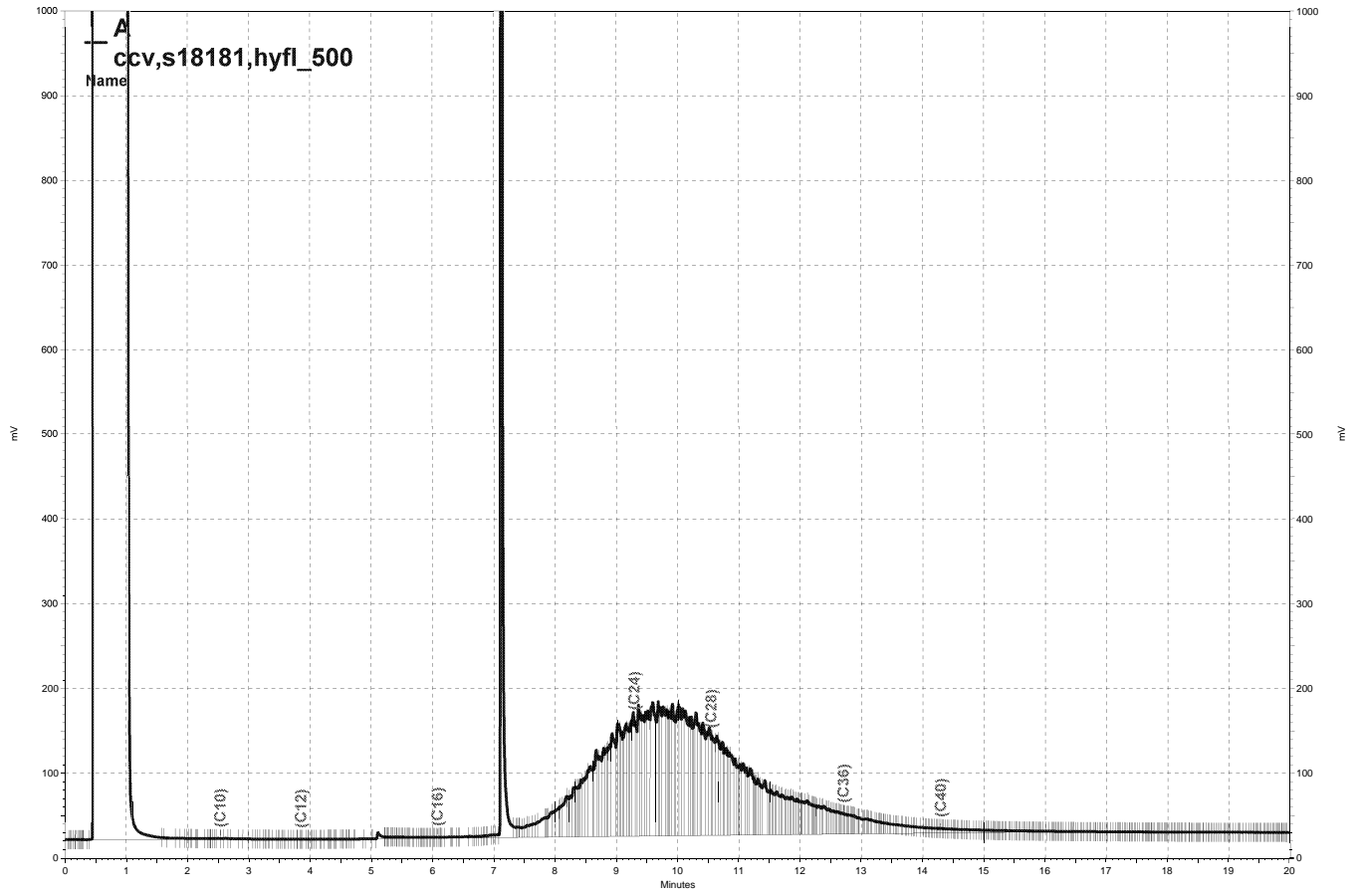
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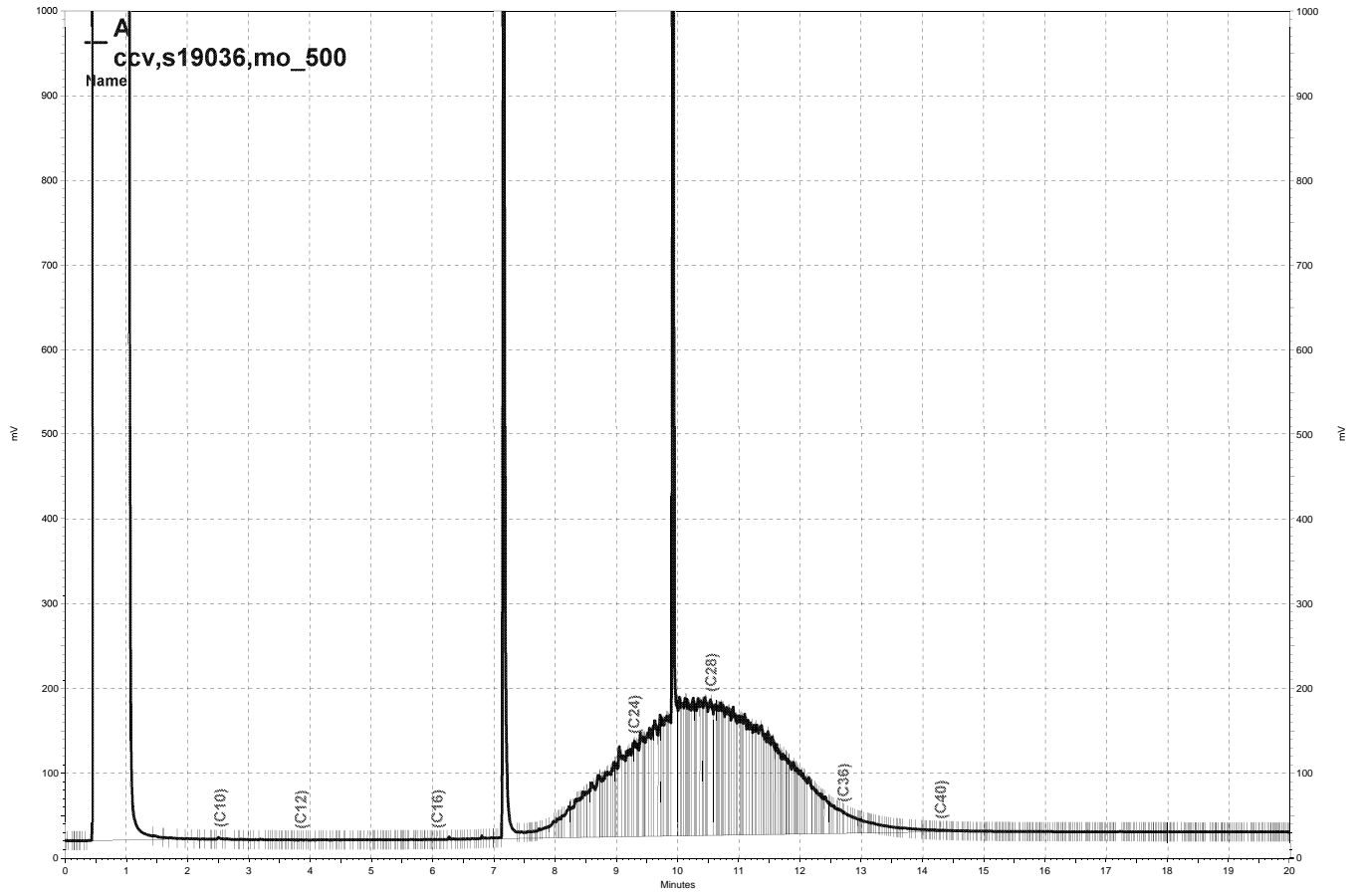
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Volatile Organics			
Lab #:	234237	Location:	2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep:	EPA 5030B
Project#:	2145 35TH AVENUE	Analysis:	EPA 8260B
Field ID:	BH5-W	Units:	ug/L
Lab ID:	234237-001	Sampled:	02/06/12
Matrix:	Water	Received:	02/06/12

Analyte	Result	RL	Diln	Fac	Batch#	Analyzed
Freon 12	ND	10	10.00		183588	02/08/12
tert-Butyl Alcohol (TBA)	ND	100	10.00		183588	02/08/12
Chloromethane	ND	10	10.00		183588	02/08/12
Isopropyl Ether (DIPE)	ND	5.0	10.00		183588	02/08/12
Vinyl Chloride	ND	5.0	10.00		183588	02/08/12
Bromomethane	ND	10	10.00		183588	02/08/12
Ethyl tert-Butyl Ether (ETBE)	ND	5.0	10.00		183588	02/08/12
Chloroethane	ND	10	10.00		183588	02/08/12
Methyl tert-Amyl Ether (TAME)	ND	5.0	10.00		183588	02/08/12
Trichlorofluoromethane	ND	10	10.00		183588	02/08/12
Acetone	ND	100	10.00		183588	02/08/12
Freon 113	ND	20	10.00		183588	02/08/12
1,1-Dichloroethene	ND	5.0	10.00		183588	02/08/12
Methylene Chloride	ND	100	10.00		183588	02/08/12
Carbon Disulfide	ND	5.0	10.00		183588	02/08/12
MTBE	ND	5.0	10.00		183588	02/08/12
trans-1,2-Dichloroethene	ND	5.0	10.00		183588	02/08/12
Vinyl Acetate	ND	100	10.00		183588	02/08/12
1,1-Dichloroethane	ND	5.0	10.00		183588	02/08/12
2-Butanone	ND	100	10.00		183588	02/08/12
cis-1,2-Dichloroethene	ND	5.0	10.00		183588	02/08/12
2,2-Dichloropropane	ND	5.0	10.00		183588	02/08/12
Chloroform	ND	5.0	10.00		183588	02/08/12
Bromochloromethane	ND	5.0	10.00		183588	02/08/12
1,1,1-Trichloroethane	ND	5.0	10.00		183588	02/08/12
1,1-Dichloropropene	ND	5.0	10.00		183588	02/08/12
Carbon Tetrachloride	ND	5.0	10.00		183588	02/08/12
1,2-Dichloroethane	ND	5.0	10.00		183588	02/08/12
Benzene	570	5.0	10.00		183588	02/08/12
Trichloroethene	ND	5.0	10.00		183588	02/08/12
1,2-Dichloropropane	ND	5.0	10.00		183588	02/08/12
Bromodichloromethane	ND	5.0	10.00		183588	02/08/12
Dibromomethane	ND	5.0	10.00		183588	02/08/12
4-Methyl-2-Pentanone	ND	100	10.00		183588	02/08/12
cis-1,3-Dichloropropene	ND	5.0	10.00		183588	02/08/12
Toluene	130	5.0	10.00		183588	02/08/12
trans-1,3-Dichloropropene	ND	5.0	10.00		183588	02/08/12
1,1,2-Trichloroethane	ND	5.0	10.00		183588	02/08/12
2-Hexanone	ND	100	10.00		183588	02/08/12

ND= Not Detected

RL= Reporting Limit

Volatile Organics					
Lab #:	234237	Location:	2145 35th Ave.-Salisbury, Oakland, CA		
Client:	Eagle Env. Construction	Prep:	EPA 5030B		
Project#:	2145 35TH AVENUE	Analysis:	EPA 8260B		
Field ID:	BH5-W	Units:	ug/L		
Lab ID:	234237-001	Sampled:	02/06/12		
Matrix:	Water	Received:	02/06/12		

Analyte	Result	RL	Diln Fac	Batch#	Analyzed
1,3-Dichloropropane	ND	5.0	10.00	183588	02/08/12
Tetrachloroethene	ND	5.0	10.00	183588	02/08/12
Dibromochloromethane	ND	5.0	10.00	183588	02/08/12
1,2-Dibromoethane	ND	5.0	10.00	183588	02/08/12
Chlorobenzene	ND	5.0	10.00	183588	02/08/12
1,1,1,2-Tetrachloroethane	ND	5.0	10.00	183588	02/08/12
Ethylbenzene	1,600	20	40.00	183680	02/13/12
m,p-Xylenes	720	5.0	10.00	183588	02/08/12
o-Xylene	67	5.0	10.00	183588	02/08/12
Styrene	ND	5.0	10.00	183588	02/08/12
Bromoform	ND	10	10.00	183588	02/08/12
Isopropylbenzene	140	5.0	10.00	183588	02/08/12
1,1,2,2-Tetrachloroethane	ND	5.0	10.00	183588	02/08/12
1,2,3-Trichloropropane	ND	5.0	10.00	183588	02/08/12
Propylbenzene	310	5.0	10.00	183588	02/08/12
Bromobenzene	ND	5.0	10.00	183588	02/08/12
1,3,5-Trimethylbenzene	280	5.0	10.00	183588	02/08/12
2-Chlorotoluene	ND	5.0	10.00	183588	02/08/12
4-Chlorotoluene	ND	5.0	10.00	183588	02/08/12
tert-Butylbenzene	9.1	5.0	10.00	183588	02/08/12
1,2,4-Trimethylbenzene	520	5.0	10.00	183588	02/08/12
sec-Butylbenzene	17	5.0	10.00	183588	02/08/12
para-Isopropyl Toluene	12	5.0	10.00	183588	02/08/12
1,3-Dichlorobenzene	ND	5.0	10.00	183588	02/08/12
1,4-Dichlorobenzene	ND	5.0	10.00	183588	02/08/12
n-Butylbenzene	ND	5.0	10.00	183588	02/08/12
1,2-Dichlorobenzene	ND	5.0	10.00	183588	02/08/12
1,2-Dibromo-3-Chloropropane	ND	20	10.00	183588	02/08/12
1,2,4-Trichlorobenzene	ND	5.0	10.00	183588	02/08/12
Hexachlorobutadiene	ND	20	10.00	183588	02/08/12
Naphthalene	400	20	10.00	183588	02/08/12
1,2,3-Trichlorobenzene	ND	5.0	10.00	183588	02/08/12

Surrogate	%REC	Limits	Diln Fac	Batch#	Analyzed
Dibromofluoromethane	100	80-125	10.00	183588	02/08/12
1,2-Dichloroethane-d4	117	69-145	10.00	183588	02/08/12
Toluene-d8	93	80-120	10.00	183588	02/08/12
Bromofluorobenzene	107	80-120	10.00	183588	02/08/12

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics		
Lab #:	234237	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	BH5-W1	Batch#: 183653
Lab ID:	234237-002	Sampled: 02/06/12
Matrix:	Water	Received: 02/06/12
Units:	ug/L	Analyzed: 02/10/12
Diln Fac:	1.000	

Analyte	Result	RL
Freon 12	ND	1.0
tert-Butyl Alcohol (TBA)	ND	10
Chloromethane	ND	1.0
Isopropyl Ether (DIPE)	ND	0.5
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
Chloroethane	ND	1.0
Methyl tert-Amyl Ether (TAME)	ND	0.5
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	2.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	2.9	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	1.1	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	43	0.5
m,p-Xylenes	18	0.5
o-Xylene	0.7	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	4.8	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	13	0.5

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics		
Lab #:	234237	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	BH5-W1	Batch#: 183653
Lab ID:	234237-002	Sampled: 02/06/12
Matrix:	Water	Received: 02/06/12
Units:	ug/L	Analyzed: 02/10/12
Diln Fac:	1.000	

Analyte	Result	RL
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	8.4	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	0.5	0.5
1,2,4-Trimethylbenzene	29	0.5
sec-Butylbenzene	1.2	0.5
para-Isopropyl Toluene	0.7	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	4.7	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	2.0
Naphthalene	4.7	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	99	80-125
1,2-Dichloroethane-d4	118	69-145
Toluene-d8	95	80-120
Bromofluorobenzene	104	80-120

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics		
Lab #:	234237	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	BH9-W	Batch#: 183653
Lab ID:	234237-003	Sampled: 02/06/12
Matrix:	Water	Received: 02/06/12
Units:	ug/L	Analyzed: 02/10/12
Diln Fac:	5.000	

Analyte	Result	RL
Freon 12	ND	5.0
tert-Butyl Alcohol (TBA)	ND	50
Chloromethane	ND	5.0
Isopropyl Ether (DIPE)	ND	2.5
Vinyl Chloride	ND	2.5
Bromomethane	ND	5.0
Ethyl tert-Butyl Ether (ETBE)	ND	2.5
Chloroethane	ND	5.0
Methyl tert-Amyl Ether (TAME)	ND	2.5
Trichlorofluoromethane	ND	5.0
Acetone	ND	50
Freon 113	ND	10
1,1-Dichloroethene	ND	2.5
Methylene Chloride	ND	50
Carbon Disulfide	ND	2.5
MTBE	ND	2.5
trans-1,2-Dichloroethene	ND	2.5
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	2.5
2-Butanone	ND	50
cis-1,2-Dichloroethene	ND	2.5
2,2-Dichloropropane	ND	2.5
Chloroform	ND	2.5
Bromochloromethane	ND	2.5
1,1,1-Trichloroethane	ND	2.5
1,1-Dichloropropene	ND	2.5
Carbon Tetrachloride	ND	2.5
1,2-Dichloroethane	ND	2.5
Benzene	27	2.5
Trichloroethene	ND	2.5
1,2-Dichloropropane	ND	2.5
Bromodichloromethane	ND	2.5
Dibromomethane	ND	2.5
4-Methyl-2-Pentanone	ND	50
cis-1,3-Dichloropropene	ND	2.5
Toluene	11	2.5
trans-1,3-Dichloropropene	ND	2.5
1,1,2-Trichloroethane	ND	2.5
2-Hexanone	ND	50
1,3-Dichloropropane	ND	2.5
Tetrachloroethene	ND	2.5
Dibromochloromethane	ND	2.5
1,2-Dibromoethane	ND	2.5
Chlorobenzene	ND	2.5
1,1,1,2-Tetrachloroethane	ND	2.5
Ethylbenzene	340	2.5
m,p-Xylenes	160	2.5
o-Xylene	4.4	2.5
Styrene	ND	2.5
Bromoform	ND	5.0
Isopropylbenzene	31	2.5
1,1,2,2-Tetrachloroethane	ND	2.5
1,2,3-Trichloropropane	ND	2.5
Propylbenzene	93	2.5

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics		
Lab #:	234237	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	BH9-W	Batch#: 183653
Lab ID:	234237-003	Sampled: 02/06/12
Matrix:	Water	Received: 02/06/12
Units:	ug/L	Analyzed: 02/10/12
Diln Fac:	5.000	

Analyte	Result	RL
Bromobenzene	ND	2.5
1,3,5-Trimethylbenzene	44	2.5
2-Chlorotoluene	ND	2.5
4-Chlorotoluene	ND	2.5
tert-Butylbenzene	ND	2.5
1,2,4-Trimethylbenzene	210	2.5
sec-Butylbenzene	7.8	2.5
para-Isopropyl Toluene	4.2	2.5
1,3-Dichlorobenzene	ND	2.5
1,4-Dichlorobenzene	ND	2.5
n-Butylbenzene	35	2.5
1,2-Dichlorobenzene	ND	2.5
1,2-Dibromo-3-Chloropropane	ND	10
1,2,4-Trichlorobenzene	ND	2.5
Hexachlorobutadiene	ND	10
Naphthalene	69	10
1,2,3-Trichlorobenzene	ND	2.5

Surrogate	%REC	Limits
Dibromofluoromethane	95	80-125
1,2-Dichloroethane-d4	115	69-145
Toluene-d8	98	80-120
Bromofluorobenzene	100	80-120

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics			
Lab #:	234237	Location:	2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep:	EPA 5030B
Project#:	2145 35TH AVENUE	Analysis:	EPA 8260B
Field ID:	BH12-W	Batch#:	183588
Lab ID:	234237-004	Sampled:	02/06/12
Matrix:	Water	Received:	02/06/12
Units:	ug/L	Analyzed:	02/08/12
Diln Fac:	2.500		

Analyte	Result	RL
Freon 12	ND	2.5
tert-Butyl Alcohol (TBA)	ND	25
Chloromethane	ND	2.5
Isopropyl Ether (DIPE)	ND	1.3
Vinyl Chloride	ND	1.3
Bromomethane	ND	2.5
Ethyl tert-Butyl Ether (ETBE)	ND	1.3
Chloroethane	ND	2.5
Methyl tert-Amyl Ether (TAME)	ND	1.3
Trichlorofluoromethane	ND	2.5
Acetone	ND	25
Freon 113	ND	5.0
1,1-Dichloroethene	ND	1.3
Methylene Chloride	ND	25
Carbon Disulfide	ND	1.3
MTBE	ND	1.3
trans-1,2-Dichloroethene	ND	1.3
Vinyl Acetate	ND	25
1,1-Dichloroethane	ND	1.3
2-Butanone	ND	25
cis-1,2-Dichloroethene	ND	1.3
2,2-Dichloropropane	ND	1.3
Chloroform	ND	1.3
Bromochloromethane	ND	1.3
1,1,1-Trichloroethane	ND	1.3
1,1-Dichloropropene	ND	1.3
Carbon Tetrachloride	ND	1.3
1,2-Dichloroethane	ND	1.3
Benzene	ND	1.3
Trichloroethene	ND	1.3
1,2-Dichloropropane	ND	1.3
Bromodichloromethane	ND	1.3
Dibromomethane	ND	1.3
4-Methyl-2-Pentanone	ND	25
cis-1,3-Dichloropropene	ND	1.3
Toluene	ND	1.3
trans-1,3-Dichloropropene	ND	1.3
1,1,2-Trichloroethane	ND	1.3
2-Hexanone	ND	25
1,3-Dichloropropane	ND	1.3
Tetrachloroethene	ND	1.3
Dibromochloromethane	ND	1.3
1,2-Dibromoethane	ND	1.3
Chlorobenzene	ND	1.3
1,1,1,2-Tetrachloroethane	ND	1.3
Ethylbenzene	ND	1.3
m,p-Xylenes	ND	1.3
o-Xylene	ND	1.3
Styrene	ND	1.3
Bromoform	ND	2.5
Isopropylbenzene	ND	1.3
1,1,2,2-Tetrachloroethane	ND	1.3
1,2,3-Trichloropropane	ND	1.3
Propylbenzene	ND	1.3

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics		
Lab #:	234237	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	BH12-W	Batch#: 183588
Lab ID:	234237-004	Sampled: 02/06/12
Matrix:	Water	Received: 02/06/12
Units:	ug/L	Analyzed: 02/08/12
Diln Fac:	2.500	

Analyte	Result	RL
Bromobenzene	ND	1.3
1,3,5-Trimethylbenzene	ND	1.3
2-Chlorotoluene	ND	1.3
4-Chlorotoluene	ND	1.3
tert-Butylbenzene	ND	1.3
1,2,4-Trimethylbenzene	ND	1.3
sec-Butylbenzene	ND	1.3
para-Isopropyl Toluene	ND	1.3
1,3-Dichlorobenzene	ND	1.3
1,4-Dichlorobenzene	ND	1.3
n-Butylbenzene	ND	1.3
1,2-Dichlorobenzene	ND	1.3
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	1.3
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	1.3

Surrogate	%REC	Limits
Dibromofluoromethane	102	80-125
1,2-Dichloroethane-d4	118	69-145
Toluene-d8	101	80-120
Bromofluorobenzene	102	80-120

ND= Not Detected  
 RL= Reporting Limit  
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Volatile Organics		
Lab #:	234237	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	BH10-W	Batch#: 183588
Lab ID:	234237-005	Sampled: 02/06/12
Matrix:	Water	Received: 02/06/12
Units:	ug/L	Analyzed: 02/08/12
Diln Fac:	1.000	

Analyte	Result	RL
Freon 12	ND	1.0
tert-Butyl Alcohol (TBA)	ND	10
Chloromethane	ND	1.0
Isopropyl Ether (DIPE)	ND	0.5
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
Chloroethane	ND	1.0
Methyl tert-Amyl Ether (TAME)	ND	0.5
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	2.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics		
Lab #:	234237	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	BH10-W	Batch#: 183588
Lab ID:	234237-005	Sampled: 02/06/12
Matrix:	Water	Received: 02/06/12
Units:	ug/L	Analyzed: 02/08/12
Diln Fac:	1.000	

Analyte	Result	RL
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	2.0
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	107	80-125
1,2-Dichloroethane-d4	112	69-145
Toluene-d8	100	80-120
Bromofluorobenzene	102	80-120

ND= Not Detected  
 RL= Reporting Limit

**Batch QC Report**

Volatile Organics			
Lab #:	234237	Location:	2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep:	EPA 5030B
Project#:	2145 35TH AVENUE	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	183588
Units:	ug/L	Analyzed:	02/08/12
Diln Fac:	1.000		

Type: BS Lab ID: QC627948

Analyte	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	125.0	145.0	116	47-136
Isopropyl Ether (DIPE)	25.00	25.97	104	54-136
Ethyl tert-Butyl Ether (ETBE)	25.00	25.33	101	57-133
Methyl tert-Amyl Ether (TAME)	25.00	25.09	100	65-120
1,1-Dichloroethene	25.00	24.82	99	66-131
Benzene	25.00	26.32	105	80-121
Trichloroethene	25.00	28.65	115	79-120
Toluene	25.00	25.95	104	80-120
Chlorobenzene	25.00	27.02	108	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	100	80-125
1,2-Dichloroethane-d4	112	69-145
Toluene-d8	95	80-120
Bromofluorobenzene	99	80-120

Type: BSD Lab ID: QC627949

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	125.0	126.4	101	47-136	14	28
Isopropyl Ether (DIPE)	25.00	23.60	94	54-136	10	20
Ethyl tert-Butyl Ether (ETBE)	25.00	26.06	104	57-133	3	20
Methyl tert-Amyl Ether (TAME)	25.00	25.02	100	65-120	0	20
1,1-Dichloroethene	25.00	30.04	120	66-131	19	20
Benzene	25.00	27.78	111	80-121	5	20
Trichloroethene	25.00	28.86	115	79-120	1	20
Toluene	25.00	28.58	114	80-120	10	20
Chlorobenzene	25.00	28.52	114	80-120	5	20

Surrogate	%REC	Limits
Dibromofluoromethane	101	80-125
1,2-Dichloroethane-d4	111	69-145
Toluene-d8	103	80-120
Bromofluorobenzene	107	80-120

RPD= Relative Percent Difference

**Batch QC Report**

Volatile Organics		
Lab #:	234237	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Type:	BLANK	Diln Fac: 1.000
Lab ID:	QC627950	Batch#: 183588
Matrix:	Water	Analyzed: 02/08/12
Units:	ug/L	

Analyte	Result	RL
Freon 12	ND	1.0
tert-Butyl Alcohol (TBA)	ND	10
Chloromethane	ND	1.0
Isopropyl Ether (DIPE)	ND	0.5
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
Chloroethane	ND	1.0
Methyl tert-Amyl Ether (TAME)	ND	0.5
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	2.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5

ND= Not Detected  
 RL= Reporting Limit

**Batch QC Report**

<b>Volatile Organics</b>		
Lab #:	234237	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Type:	BLANK	Diln Fac: 1.000
Lab ID:	QC627950	Batch#: 183588
Matrix:	Water	Analyzed: 02/08/12
Units:	ug/L	

<b>Analyte</b>	<b>Result</b>	<b>RL</b>
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	2.0
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

<b>Surrogate</b>	<b>%REC</b>	<b>Limits</b>
Dibromofluoromethane	99	80-125
1,2-Dichloroethane-d4	115	69-145
Toluene-d8	99	80-120
Bromofluorobenzene	106	80-120

ND= Not Detected  
 RL= Reporting Limit

**Batch QC Report**

Volatile Organics			
Lab #:	234237	Location:	2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep:	EPA 5030B
Project#:	2145 35TH AVENUE	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	183653
Units:	ug/L	Analyzed:	02/10/12
Diln Fac:	1.000		

Type: BS Lab ID: QC628224

Analyte	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	125.0	146.4	117	47-136
Isopropyl Ether (DIPE)	25.00	25.08	100	54-136
Ethyl tert-Butyl Ether (ETBE)	25.00	26.34	105	57-133
Methyl tert-Amyl Ether (TAME)	25.00	24.76	99	65-120
1,1-Dichloroethene	25.00	23.18	93	66-131
Benzene	25.00	24.99	100	80-121
Trichloroethene	25.00	27.60	110	79-120
Toluene	25.00	26.57	106	80-120
Chlorobenzene	25.00	26.84	107	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	106	80-125
1,2-Dichloroethane-d4	122	69-145
Toluene-d8	99	80-120
Bromofluorobenzene	104	80-120

Type: BSD Lab ID: QC628225

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	125.0	155.1	124	47-136	6	28
Isopropyl Ether (DIPE)	25.00	22.66	91	54-136	10	20
Ethyl tert-Butyl Ether (ETBE)	25.00	25.26	101	57-133	4	20
Methyl tert-Amyl Ether (TAME)	25.00	23.56	94	65-120	5	20
1,1-Dichloroethene	25.00	20.00	80	66-131	15	20
Benzene	25.00	23.10	92	80-121	8	20
Trichloroethene	25.00	26.38	106	79-120	5	20
Toluene	25.00	24.23	97	80-120	9	20
Chlorobenzene	25.00	25.31	101	80-120	6	20

Surrogate	%REC	Limits
Dibromofluoromethane	104	80-125
1,2-Dichloroethane-d4	124	69-145
Toluene-d8	103	80-120
Bromofluorobenzene	100	80-120

RPD= Relative Percent Difference

**Batch QC Report**

Volatile Organics		
Lab #:	234237	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Type:	BLANK	Diln Fac: 1.000
Lab ID:	QC628226	Batch#: 183653
Matrix:	Water	Analyzed: 02/10/12
Units:	ug/L	

Analyte	Result	RL
Freon 12	ND	1.0
tert-Butyl Alcohol (TBA)	ND	10
Chloromethane	ND	1.0
Isopropyl Ether (DIPE)	ND	0.5
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
Chloroethane	ND	1.0
Methyl tert-Amyl Ether (TAME)	ND	0.5
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	2.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5

ND= Not Detected  
 RL= Reporting Limit

**Batch QC Report**

<b>Volatile Organics</b>		
Lab #:	234237	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Type:	BLANK	Diln Fac: 1.000
Lab ID:	QC628226	Batch#: 183653
Matrix:	Water	Analyzed: 02/10/12
Units:	ug/L	

<b>Analyte</b>	<b>Result</b>	<b>RL</b>
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	2.0
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

<b>Surrogate</b>	<b>%REC</b>	<b>Limits</b>
Dibromofluoromethane	102	80-125
1,2-Dichloroethane-d4	138	69-145
Toluene-d8	96	80-120
Bromofluorobenzene	103	80-120

ND= Not Detected  
 RL= Reporting Limit



**Batch QC Report**

Volatile Organics		
Lab #:	234237	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Type:	BLANK	Diln Fac: 1.000
Lab ID:	QC628326	Batch#: 183680
Matrix:	Water	Analyzed: 02/12/12
Units:	ug/L	

Analyte	Result	RL
Freon 12	ND	1.0
tert-Butyl Alcohol (TBA)	ND	10
Chloromethane	ND	1.0
Isopropyl Ether (DIPE)	ND	0.5
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
Chloroethane	ND	1.0
Methyl tert-Amyl Ether (TAME)	ND	0.5
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	2.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5

ND= Not Detected  
 RL= Reporting Limit

**Batch QC Report**

<b>Volatile Organics</b>		
Lab #:	234237	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Type:	BLANK	Diln Fac: 1.000
Lab ID:	QC628326	Batch#: 183680
Matrix:	Water	Analyzed: 02/12/12
Units:	ug/L	

<b>Analyte</b>	<b>Result</b>	<b>RL</b>
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	2.0
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

<b>Surrogate</b>	<b>%REC</b>	<b>Limits</b>
Dibromofluoromethane	100	80-125
1,2-Dichloroethane-d4	125	69-145
Toluene-d8	98	80-120
Bromofluorobenzene	104	80-120

ND= Not Detected  
 RL= Reporting Limit

**Batch QC Report**

Volatile Organics		
Lab #:	234237	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Matrix:	Water	Batch#: 183680
Units:	ug/L	Analyzed: 02/12/12
Diln Fac:	1.000	

Type: BS Lab ID: QC628327

Analyte	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	100.0	82.54	83	47-136
Isopropyl Ether (DIPE)	20.00	18.04	90	54-136
Ethyl tert-Butyl Ether (ETBE)	20.00	19.39	97	57-133
Methyl tert-Amyl Ether (TAME)	20.00	17.28	86	65-120
1,1-Dichloroethene	20.00	21.33	107	66-131
Benzene	20.00	19.82	99	80-121
Trichloroethene	20.00	21.45	107	79-120
Toluene	20.00	21.25	106	80-120
Chlorobenzene	20.00	20.81	104	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	100	80-125
1,2-Dichloroethane-d4	118	69-145
Toluene-d8	93	80-120
Bromofluorobenzene	101	80-120

Type: BSD Lab ID: QC628328

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	100.0	91.99	92	47-136	11	28
Isopropyl Ether (DIPE)	20.00	17.86	89	54-136	1	20
Ethyl tert-Butyl Ether (ETBE)	20.00	19.27	96	57-133	1	20
Methyl tert-Amyl Ether (TAME)	20.00	18.04	90	65-120	4	20
1,1-Dichloroethene	20.00	20.22	101	66-131	5	20
Benzene	20.00	19.78	99	80-121	0	20
Trichloroethene	20.00	21.14	106	79-120	1	20
Toluene	20.00	20.15	101	80-120	5	20
Chlorobenzene	20.00	22.24	111	80-120	7	20

Surrogate	%REC	Limits
Dibromofluoromethane	105	80-125
1,2-Dichloroethane-d4	121	69-145
Toluene-d8	101	80-120
Bromofluorobenzene	101	80-120

RPD= Relative Percent Difference

Volatile Organics			
Lab #:	234237	Location:	2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep:	EPA 5030B
Project#:	2145 35TH AVENUE	Analysis:	EPA 8260B
Field ID:	BH5-5	Basis:	as received
Lab ID:	234237-007	Sampled:	02/06/12
Matrix:	Soil	Received:	02/06/12
Units:	ug/Kg		

Analyte	Result	RL	Diln	Fac	Batch#	Analyzed
Freon 12	ND	98	9.804		183663	02/10/12
tert-Butyl Alcohol (TBA)	ND	980	9.804		183663	02/10/12
Chloromethane	ND	98	9.804		183663	02/10/12
Isopropyl Ether (DIPE)	ND	49	9.804		183663	02/10/12
Vinyl Chloride	ND	98	9.804		183663	02/10/12
Bromomethane	ND	98	9.804		183663	02/10/12
Ethyl tert-Butyl Ether (ETBE)	ND	49	9.804		183663	02/10/12
Chloroethane	ND	98	9.804		183663	02/10/12
Methyl tert-Amyl Ether (TAME)	ND	49	9.804		183663	02/10/12
Trichlorofluoromethane	ND	49	9.804		183663	02/10/12
Acetone	ND	200	9.804		183663	02/10/12
Freon 113	ND	49	9.804		183663	02/10/12
1,1-Dichloroethene	ND	49	9.804		183663	02/10/12
Methylene Chloride	ND	200	9.804		183663	02/10/12
Carbon Disulfide	ND	49	9.804		183663	02/10/12
MTBE	ND	49	9.804		183663	02/10/12
trans-1,2-Dichloroethene	ND	49	9.804		183663	02/10/12
Vinyl Acetate	ND	490	9.804		183663	02/10/12
1,1-Dichloroethane	ND	49	9.804		183663	02/10/12
2-Butanone	ND	98	9.804		183663	02/10/12
cis-1,2-Dichloroethene	ND	49	9.804		183663	02/10/12
2,2-Dichloropropane	ND	49	9.804		183663	02/10/12
Chloroform	ND	49	9.804		183663	02/10/12
Bromochloromethane	ND	49	9.804		183663	02/10/12
1,1,1-Trichloroethane	ND	49	9.804		183663	02/10/12
1,1-Dichloropropene	ND	49	9.804		183663	02/10/12
Carbon Tetrachloride	ND	49	9.804		183663	02/10/12
1,2-Dichloroethane	ND	49	9.804		183663	02/10/12
Benzene	ND	49	9.804		183663	02/10/12
Trichloroethene	ND	49	9.804		183663	02/10/12
1,2-Dichloropropane	ND	49	9.804		183663	02/10/12
Bromodichloromethane	ND	49	9.804		183663	02/10/12
Dibromomethane	ND	49	9.804		183663	02/10/12
4-Methyl-2-Pentanone	ND	98	9.804		183663	02/10/12
cis-1,3-Dichloropropene	ND	49	9.804		183663	02/10/12
Toluene	ND	49	9.804		183663	02/10/12
trans-1,3-Dichloropropene	ND	49	9.804		183663	02/10/12
1,1,2-Trichloroethane	ND	49	9.804		183663	02/10/12
2-Hexanone	ND	98	9.804		183663	02/10/12
1,3-Dichloropropane	ND	49	9.804		183663	02/10/12
Tetrachloroethene	ND	49	9.804		183663	02/10/12
Dibromochloromethane	ND	49	9.804		183663	02/10/12
1,2-Dibromoethane	ND	49	9.804		183663	02/10/12
Chlorobenzene	ND	49	9.804		183663	02/10/12
1,1,1,2-Tetrachloroethane	ND	49	9.804		183663	02/10/12
Ethylbenzene	360	49	9.804		183663	02/10/12
m,p-Xylenes	220	49	9.804		183663	02/10/12
o-Xylene	ND	49	9.804		183663	02/10/12
Styrene	ND	49	9.804		183663	02/10/12
Bromoform	ND	49	9.804		183663	02/10/12
Isopropylbenzene	67	49	9.804		183663	02/10/12
1,1,2,2-Tetrachloroethane	ND	49	9.804		183663	02/10/12
1,2,3-Trichloropropane	ND	49	9.804		183663	02/10/12
Propylbenzene	280	49	9.804		183663	02/10/12
Bromobenzene	ND	49	9.804		183663	02/10/12

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics		
Lab #:	234237	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	BH5-5	Basis: as received
Lab ID:	234237-007	Sampled: 02/06/12
Matrix:	Soil	Received: 02/06/12
Units:	ug/Kg	

Analyte	Result	RL	Diln Fac	Batch#	Analyzed
1,3,5-Trimethylbenzene	280	49	9.804	183663	02/10/12
2-Chlorotoluene	ND	49	9.804	183663	02/10/12
4-Chlorotoluene	ND	49	9.804	183663	02/10/12
tert-Butylbenzene	ND	49	9.804	183663	02/10/12
1,2,4-Trimethylbenzene	3,500	250	50.00	183704	02/13/12
sec-Butylbenzene	ND	49	9.804	183663	02/10/12
para-Isopropyl Toluene	ND	49	9.804	183663	02/10/12
1,3-Dichlorobenzene	ND	49	9.804	183663	02/10/12
1,4-Dichlorobenzene	ND	49	9.804	183663	02/10/12
n-Butylbenzene	180	49	9.804	183663	02/10/12
1,2-Dichlorobenzene	ND	49	9.804	183663	02/10/12
1,2-Dibromo-3-Chloropropane	ND	49	9.804	183663	02/10/12
1,2,4-Trichlorobenzene	ND	49	9.804	183663	02/10/12
Hexachlorobutadiene	ND	49	9.804	183663	02/10/12
Naphthalene	630	49	9.804	183663	02/10/12
1,2,3-Trichlorobenzene	ND	49	9.804	183663	02/10/12

Surrogate	%REC	Limits	Diln Fac	Batch#	Analyzed
Dibromofluoromethane	102	74-133	9.804	183663	02/10/12
1,2-Dichloroethane-d4	94	74-136	9.804	183663	02/10/12
Toluene-d8	91	80-120	9.804	183663	02/10/12
Bromofluorobenzene	100	77-130	9.804	183663	02/10/12
Trifluorotoluene (MeOH)	108	60-135	50.00	183704	02/13/12

Volatile Organics			
Lab #:	234237	Location:	2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep:	EPA 5030B
Project#:	2145 35TH AVENUE	Analysis:	EPA 8260B
Field ID:	BH5-8	Basis:	as received
Lab ID:	234237-008	Sampled:	02/06/12
Matrix:	Soil	Received:	02/06/12
Units:	ug/Kg		

Analyte	Result	RL	Diln	Fac	Batch#	Analyzed
Freon 12	ND	500	50.00		183663	02/10/12
tert-Butyl Alcohol (TBA)	ND	5,000	50.00		183663	02/10/12
Chloromethane	ND	500	50.00		183663	02/10/12
Isopropyl Ether (DIPE)	ND	250	50.00		183663	02/10/12
Vinyl Chloride	ND	500	50.00		183663	02/10/12
Bromomethane	ND	500	50.00		183663	02/10/12
Ethyl tert-Butyl Ether (ETBE)	ND	250	50.00		183663	02/10/12
Chloroethane	ND	500	50.00		183663	02/10/12
Methyl tert-Amyl Ether (TAME)	ND	250	50.00		183663	02/10/12
Trichlorofluoromethane	ND	250	50.00		183663	02/10/12
Acetone	ND	1,000	50.00		183663	02/10/12
Freon 113	ND	250	50.00		183663	02/10/12
1,1-Dichloroethene	ND	250	50.00		183663	02/10/12
Methylene Chloride	ND	1,000	50.00		183663	02/10/12
Carbon Disulfide	ND	250	50.00		183663	02/10/12
MTBE	ND	250	50.00		183663	02/10/12
trans-1,2-Dichloroethene	ND	250	50.00		183663	02/10/12
Vinyl Acetate	ND	2,500	50.00		183663	02/10/12
1,1-Dichloroethane	ND	250	50.00		183663	02/10/12
2-Butanone	ND	500	50.00		183663	02/10/12
cis-1,2-Dichloroethene	ND	250	50.00		183663	02/10/12
2,2-Dichloropropane	ND	250	50.00		183663	02/10/12
Chloroform	ND	250	50.00		183663	02/10/12
Bromochloromethane	ND	250	50.00		183663	02/10/12
1,1,1-Trichloroethane	ND	250	50.00		183663	02/10/12
1,1-Dichloropropene	ND	250	50.00		183663	02/10/12
Carbon Tetrachloride	ND	250	50.00		183663	02/10/12
1,2-Dichloroethane	ND	250	50.00		183663	02/10/12
Benzene	ND	250	50.00		183663	02/10/12
Trichloroethene	ND	250	50.00		183663	02/10/12
1,2-Dichloropropane	ND	250	50.00		183663	02/10/12
Bromodichloromethane	ND	250	50.00		183663	02/10/12
Dibromomethane	ND	250	50.00		183663	02/10/12
4-Methyl-2-Pentanone	ND	500	50.00		183663	02/10/12
cis-1,3-Dichloropropene	ND	250	50.00		183663	02/10/12
Toluene	ND	250	50.00		183663	02/10/12
trans-1,3-Dichloropropene	ND	250	50.00		183663	02/10/12
1,1,2-Trichloroethane	ND	250	50.00		183663	02/10/12
2-Hexanone	ND	500	50.00		183663	02/10/12
1,3-Dichloropropane	ND	250	50.00		183663	02/10/12
Tetrachloroethene	ND	250	50.00		183663	02/10/12
Dibromochloromethane	ND	250	50.00		183663	02/10/12
1,2-Dibromoethane	ND	250	50.00		183663	02/10/12
Chlorobenzene	ND	250	50.00		183663	02/10/12
1,1,1,2-Tetrachloroethane	ND	250	50.00		183663	02/10/12
Ethylbenzene	6,400	250	50.00		183663	02/10/12
m,p-Xylenes	5,900	250	50.00		183663	02/10/12
o-Xylene	ND	250	50.00		183663	02/10/12
Styrene	ND	250	50.00		183663	02/10/12
Bromoform	ND	250	50.00		183663	02/10/12
Isopropylbenzene	1,500	250	50.00		183663	02/10/12
1,1,2,2-Tetrachloroethane	ND	250	50.00		183663	02/10/12
1,2,3-Trichloropropane	ND	250	50.00		183663	02/10/12
Propylbenzene	5,200	250	50.00		183663	02/10/12
Bromobenzene	ND	250	50.00		183663	02/10/12

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics		
Lab #:	234237	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	BH5-8	Basis: as received
Lab ID:	234237-008	Sampled: 02/06/12
Matrix:	Soil	Received: 02/06/12
Units:	ug/Kg	

Analyte	Result	RL	Diln Fac	Batch#	Analyzed
1,3,5-Trimethylbenzene	7,600	250	50.00	183663	02/10/12
2-Chlorotoluene	ND	250	50.00	183663	02/10/12
4-Chlorotoluene	ND	250	50.00	183663	02/10/12
tert-Butylbenzene	ND	250	50.00	183663	02/10/12
1,2,4-Trimethylbenzene	36,000	1,000	200.0	183704	02/13/12
sec-Butylbenzene	790	250	50.00	183663	02/10/12
para-Isopropyl Toluene	570	250	50.00	183663	02/10/12
1,3-Dichlorobenzene	ND	250	50.00	183663	02/10/12
1,4-Dichlorobenzene	ND	250	50.00	183663	02/10/12
n-Butylbenzene	2,500	250	50.00	183663	02/10/12
1,2-Dichlorobenzene	ND	250	50.00	183663	02/10/12
1,2-Dibromo-3-Chloropropane	ND	250	50.00	183663	02/10/12
1,2,4-Trichlorobenzene	ND	250	50.00	183663	02/10/12
Hexachlorobutadiene	ND	250	50.00	183663	02/10/12
Naphthalene	5,000	250	50.00	183663	02/10/12
1,2,3-Trichlorobenzene	ND	250	50.00	183663	02/10/12

Surrogate	%REC	Limits	Diln Fac	Batch#	Analyzed
Dibromofluoromethane	98	74-133	50.00	183663	02/10/12
1,2-Dichloroethane-d4	93	74-136	50.00	183663	02/10/12
Toluene-d8	90	80-120	50.00	183663	02/10/12
Bromofluorobenzene	114	77-130	50.00	183663	02/10/12
Trifluorotoluene (MeOH)	103	60-135	50.00	183663	02/10/12

Volatile Organics			
Lab #:	234237	Location:	2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep:	EPA 5030B
Project#:	2145 35TH AVENUE	Analysis:	EPA 8260B
Field ID:	BH5-12	Diln Fac:	9.615
Lab ID:	234237-009	Batch#:	183663
Matrix:	Soil	Sampled:	02/06/12
Units:	ug/Kg	Received:	02/06/12
Basis:	as received	Analyzed:	02/10/12

Analyte	Result	RL
Freon 12	ND	96
tert-Butyl Alcohol (TBA)	ND	960
Chloromethane	ND	96
Isopropyl Ether (DIPE)	ND	48
Vinyl Chloride	ND	96
Bromomethane	ND	96
Ethyl tert-Butyl Ether (ETBE)	ND	48
Chloroethane	ND	96
Methyl tert-Amyl Ether (TAME)	ND	48
Trichlorofluoromethane	ND	48
Acetone	ND	190
Freon 113	ND	48
1,1-Dichloroethene	ND	48
Methylene Chloride	ND	190
Carbon Disulfide	ND	48
MTBE	ND	48
trans-1,2-Dichloroethene	ND	48
Vinyl Acetate	ND	480
1,1-Dichloroethane	ND	48
2-Butanone	ND	96
cis-1,2-Dichloroethene	ND	48
2,2-Dichloropropane	ND	48
Chloroform	ND	48
Bromochloromethane	ND	48
1,1,1-Trichloroethane	ND	48
1,1-Dichloropropene	ND	48
Carbon Tetrachloride	ND	48
1,2-Dichloroethane	ND	48
Benzene	ND	48
Trichloroethene	ND	48
1,2-Dichloropropane	ND	48
Bromodichloromethane	ND	48
Dibromomethane	ND	48
4-Methyl-2-Pentanone	ND	96
cis-1,3-Dichloropropene	ND	48
Toluene	ND	48
trans-1,3-Dichloropropene	ND	48
1,1,2-Trichloroethane	ND	48
2-Hexanone	ND	96
1,3-Dichloropropane	ND	48
Tetrachloroethene	ND	48
Dibromochloromethane	ND	48
1,2-Dibromoethane	ND	48
Chlorobenzene	ND	48
1,1,1,2-Tetrachloroethane	ND	48
Ethylbenzene	1,300	48
m,p-Xylenes	150	48
o-Xylene	ND	48
Styrene	ND	48
Bromoform	ND	48
Isopropylbenzene	550	48
1,1,2,2-Tetrachloroethane	ND	48
1,2,3-Trichloropropane	ND	48
Propylbenzene	1,600	48

ND= Not Detected  
 RL= Reporting Limit



Volatile Organics		
Lab #:	234237	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	BH5-12	Diln Fac: 9.615
Lab ID:	234237-009	Batch#: 183663
Matrix:	Soil	Sampled: 02/06/12
Units:	ug/Kg	Received: 02/06/12
Basis:	as received	Analyzed: 02/10/12

Analyte	Result	RL
Bromobenzene	ND	48
1,3,5-Trimethylbenzene	72	48
2-Chlorotoluene	ND	48
4-Chlorotoluene	ND	48
tert-Butylbenzene	92	48
1,2,4-Trimethylbenzene	ND	48
sec-Butylbenzene	240	48
para-Isopropyl Toluene	150	48
1,3-Dichlorobenzene	ND	48
1,4-Dichlorobenzene	ND	48
n-Butylbenzene	780	48
1,2-Dichlorobenzene	ND	48
1,2-Dibromo-3-Chloropropane	ND	48
1,2,4-Trichlorobenzene	ND	48
Hexachlorobutadiene	ND	48
Naphthalene	1,800	48
1,2,3-Trichlorobenzene	ND	48

Surrogate	%REC	Limits
Dibromofluoromethane	108	74-133
1,2-Dichloroethane-d4	100	74-136
Toluene-d8	86	80-120
Bromofluorobenzene	122	77-130

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics			
Lab #:	234237	Location:	2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep:	EPA 5030B
Project#:	2145 35TH AVENUE	Analysis:	EPA 8260B
Field ID:	BH5-30	Diln Fac:	0.9843
Lab ID:	234237-011	Batch#:	183628
Matrix:	Soil	Sampled:	02/06/12
Units:	ug/Kg	Received:	02/06/12
Basis:	as received	Analyzed:	02/09/12

Analyte	Result	RL
Freon 12	ND	9.8
tert-Butyl Alcohol (TBA)	ND	98
Chloromethane	ND	9.8
Isopropyl Ether (DIPE)	ND	4.9
Vinyl Chloride	ND	9.8
Bromomethane	ND	9.8
Ethyl tert-Butyl Ether (ETBE)	ND	4.9
Chloroethane	ND	9.8
Methyl tert-Amyl Ether (TAME)	ND	4.9
Trichlorofluoromethane	ND	4.9
Acetone	ND	20
Freon 113	ND	4.9
1,1-Dichloroethene	ND	4.9
Methylene Chloride	ND	20
Carbon Disulfide	ND	4.9
MTBE	ND	4.9
trans-1,2-Dichloroethene	ND	4.9
Vinyl Acetate	ND	49
1,1-Dichloroethane	ND	4.9
2-Butanone	ND	9.8
cis-1,2-Dichloroethene	ND	4.9
2,2-Dichloropropane	ND	4.9
Chloroform	ND	4.9
Bromochloromethane	ND	4.9
1,1,1-Trichloroethane	ND	4.9
1,1-Dichloropropene	ND	4.9
Carbon Tetrachloride	ND	4.9
1,2-Dichloroethane	ND	4.9
Benzene	ND	4.9
Trichloroethene	ND	4.9
1,2-Dichloropropane	ND	4.9
Bromodichloromethane	ND	4.9
Dibromomethane	ND	4.9
4-Methyl-2-Pentanone	ND	9.8
cis-1,3-Dichloropropene	ND	4.9
Toluene	ND	4.9
trans-1,3-Dichloropropene	ND	4.9
1,1,2-Trichloroethane	ND	4.9
2-Hexanone	ND	9.8
1,3-Dichloropropane	ND	4.9
Tetrachloroethene	ND	4.9
Dibromochloromethane	ND	4.9
1,2-Dibromoethane	ND	4.9
Chlorobenzene	ND	4.9
1,1,1,2-Tetrachloroethane	ND	4.9
Ethylbenzene	ND	4.9
m,p-Xylenes	ND	4.9
o-Xylene	ND	4.9
Styrene	ND	4.9
Bromoform	ND	4.9
Isopropylbenzene	ND	4.9
1,1,2,2-Tetrachloroethane	ND	4.9
1,2,3-Trichloropropane	ND	4.9
Propylbenzene	ND	4.9

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics		
Lab #:	234237	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	BH5-30	Diln Fac: 0.9843
Lab ID:	234237-011	Batch#: 183628
Matrix:	Soil	Sampled: 02/06/12
Units:	ug/Kg	Received: 02/06/12
Basis:	as received	Analyzed: 02/09/12

Analyte	Result	RL
Bromobenzene	ND	4.9
1,3,5-Trimethylbenzene	ND	4.9
2-Chlorotoluene	ND	4.9
4-Chlorotoluene	ND	4.9
tert-Butylbenzene	ND	4.9
1,2,4-Trimethylbenzene	ND	4.9
sec-Butylbenzene	ND	4.9
para-Isopropyl Toluene	ND	4.9
1,3-Dichlorobenzene	ND	4.9
1,4-Dichlorobenzene	ND	4.9
n-Butylbenzene	ND	4.9
1,2-Dichlorobenzene	ND	4.9
1,2-Dibromo-3-Chloropropane	ND	4.9
1,2,4-Trichlorobenzene	ND	4.9
Hexachlorobutadiene	ND	4.9
Naphthalene	ND	4.9
1,2,3-Trichlorobenzene	ND	4.9

Surrogate	%REC	Limits
Dibromofluoromethane	79	74-133
1,2-Dichloroethane-d4	85	74-136
Toluene-d8	96	80-120
Bromofluorobenzene	93	77-130

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics			
Lab #:	234237	Location:	2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep:	EPA 5030B
Project#:	2145 35TH AVENUE	Analysis:	EPA 8260B
Field ID:	BH9-8	Basis:	as received
Lab ID:	234237-013	Sampled:	02/06/12
Matrix:	Soil	Received:	02/06/12
Units:	ug/Kg		

Analyte	Result	RL	Diln	Fac	Batch#	Analyzed
Freon 12	ND	500	50.00		183663	02/10/12
tert-Butyl Alcohol (TBA)	ND	5,000	50.00		183663	02/10/12
Chloromethane	ND	500	50.00		183663	02/10/12
Isopropyl Ether (DIPE)	ND	250	50.00		183663	02/10/12
Vinyl Chloride	ND	500	50.00		183663	02/10/12
Bromomethane	ND	500	50.00		183663	02/10/12
Ethyl tert-Butyl Ether (ETBE)	ND	250	50.00		183663	02/10/12
Chloroethane	ND	500	50.00		183663	02/10/12
Methyl tert-Amyl Ether (TAME)	ND	250	50.00		183663	02/10/12
Trichlorofluoromethane	ND	250	50.00		183663	02/10/12
Acetone	ND	1,000	50.00		183663	02/10/12
Freon 113	ND	250	50.00		183663	02/10/12
1,1-Dichloroethene	ND	250	50.00		183663	02/10/12
Methylene Chloride	ND	1,000	50.00		183663	02/10/12
Carbon Disulfide	ND	250	50.00		183663	02/10/12
MTBE	ND	250	50.00		183663	02/10/12
trans-1,2-Dichloroethene	ND	250	50.00		183663	02/10/12
Vinyl Acetate	ND	2,500	50.00		183663	02/10/12
1,1-Dichloroethane	ND	250	50.00		183663	02/10/12
2-Butanone	ND	500	50.00		183663	02/10/12
cis-1,2-Dichloroethene	ND	250	50.00		183663	02/10/12
2,2-Dichloropropane	ND	250	50.00		183663	02/10/12
Chloroform	ND	250	50.00		183663	02/10/12
Bromochloromethane	ND	250	50.00		183663	02/10/12
1,1,1-Trichloroethane	ND	250	50.00		183663	02/10/12
1,1-Dichloropropene	ND	250	50.00		183663	02/10/12
Carbon Tetrachloride	ND	250	50.00		183663	02/10/12
1,2-Dichloroethane	ND	250	50.00		183663	02/10/12
Benzene	ND	250	50.00		183663	02/10/12
Trichloroethene	ND	250	50.00		183663	02/10/12
1,2-Dichloropropane	ND	250	50.00		183663	02/10/12
Bromodichloromethane	ND	250	50.00		183663	02/10/12
Dibromomethane	ND	250	50.00		183663	02/10/12
4-Methyl-2-Pentanone	ND	500	50.00		183663	02/10/12
cis-1,3-Dichloropropene	ND	250	50.00		183663	02/10/12
Toluene	ND	250	50.00		183663	02/10/12
trans-1,3-Dichloropropene	ND	250	50.00		183663	02/10/12
1,1,2-Trichloroethane	ND	250	50.00		183663	02/10/12
2-Hexanone	ND	500	50.00		183663	02/10/12
1,3-Dichloropropane	ND	250	50.00		183663	02/10/12
Tetrachloroethene	ND	250	50.00		183663	02/10/12
Dibromochloromethane	ND	250	50.00		183663	02/10/12
1,2-Dibromoethane	ND	250	50.00		183663	02/10/12
Chlorobenzene	ND	250	50.00		183663	02/10/12
1,1,1,2-Tetrachloroethane	ND	250	50.00		183663	02/10/12
Ethylbenzene	2,000	250	50.00		183663	02/10/12
m,p-Xylenes	1,700	250	50.00		183663	02/10/12
o-Xylene	ND	250	50.00		183663	02/10/12
Styrene	ND	250	50.00		183663	02/10/12
Bromoform	ND	250	50.00		183663	02/10/12
Isopropylbenzene	760	250	50.00		183663	02/10/12
1,1,2,2-Tetrachloroethane	ND	250	50.00		183663	02/10/12
1,2,3-Trichloropropane	ND	250	50.00		183663	02/10/12
Propylbenzene	3,100	250	50.00		183663	02/10/12
Bromobenzene	ND	250	50.00		183663	02/10/12

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics		
Lab #:	234237	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	BH9-8	Basis: as received
Lab ID:	234237-013	Sampled: 02/06/12
Matrix:	Soil	Received: 02/06/12
Units:	ug/Kg	

Analyte	Result	RL	Diln Fac	Batch#	Analyzed
1,3,5-Trimethylbenzene	2,800	250	50.00	183663	02/10/12
2-Chlorotoluene	ND	250	50.00	183663	02/10/12
4-Chlorotoluene	ND	250	50.00	183663	02/10/12
tert-Butylbenzene	ND	250	50.00	183663	02/10/12
1,2,4-Trimethylbenzene	15,000	500	100.0	183704	02/13/12
sec-Butylbenzene	570	250	50.00	183663	02/10/12
para-Isopropyl Toluene	370	250	50.00	183663	02/10/12
1,3-Dichlorobenzene	ND	250	50.00	183663	02/10/12
1,4-Dichlorobenzene	ND	250	50.00	183663	02/10/12
n-Butylbenzene	2,200	250	50.00	183663	02/10/12
1,2-Dichlorobenzene	ND	250	50.00	183663	02/10/12
1,2-Dibromo-3-Chloropropane	ND	250	50.00	183663	02/10/12
1,2,4-Trichlorobenzene	ND	250	50.00	183663	02/10/12
Hexachlorobutadiene	ND	250	50.00	183663	02/10/12
Naphthalene	5,800	250	50.00	183663	02/10/12
1,2,3-Trichlorobenzene	ND	250	50.00	183663	02/10/12

Surrogate	%REC	Limits	Diln Fac	Batch#	Analyzed
Dibromofluoromethane	101	74-133	50.00	183663	02/10/12
1,2-Dichloroethane-d4	91	74-136	50.00	183663	02/10/12
Toluene-d8	90	80-120	50.00	183663	02/10/12
Bromofluorobenzene	97	77-130	50.00	183663	02/10/12
Trifluorotoluene (MeOH)	113	60-135	50.00	183663	02/10/12

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics			
Lab #:	234237	Location:	2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep:	EPA 5030B
Project#:	2145 35TH AVENUE	Analysis:	EPA 8260B
Field ID:	BH9-16	Diln Fac:	0.9560
Lab ID:	234237-015	Batch#:	183663
Matrix:	Soil	Sampled:	02/06/12
Units:	ug/Kg	Received:	02/06/12
Basis:	as received	Analyzed:	02/10/12

Analyte	Result	RL
Freon 12	ND	9.6
tert-Butyl Alcohol (TBA)	ND	96
Chloromethane	ND	9.6
Isopropyl Ether (DIPE)	ND	4.8
Vinyl Chloride	ND	9.6
Bromomethane	ND	9.6
Ethyl tert-Butyl Ether (ETBE)	ND	4.8
Chloroethane	ND	9.6
Methyl tert-Amyl Ether (TAME)	ND	4.8
Trichlorofluoromethane	ND	4.8
Acetone	19	19
Freon 113	ND	4.8
1,1-Dichloroethene	ND	4.8
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.8
MTBE	ND	4.8
trans-1,2-Dichloroethene	ND	4.8
Vinyl Acetate	ND	48
1,1-Dichloroethane	ND	4.8
2-Butanone	ND	9.6
cis-1,2-Dichloroethene	ND	4.8
2,2-Dichloropropane	ND	4.8
Chloroform	ND	4.8
Bromochloromethane	ND	4.8
1,1,1-Trichloroethane	ND	4.8
1,1-Dichloropropene	ND	4.8
Carbon Tetrachloride	ND	4.8
1,2-Dichloroethane	ND	4.8
Benzene	ND	4.8
Trichloroethene	ND	4.8
1,2-Dichloropropane	ND	4.8
Bromodichloromethane	ND	4.8
Dibromomethane	ND	4.8
4-Methyl-2-Pentanone	ND	9.6
cis-1,3-Dichloropropene	ND	4.8
Toluene	ND	4.8
trans-1,3-Dichloropropene	ND	4.8
1,1,2-Trichloroethane	ND	4.8
2-Hexanone	ND	9.6
1,3-Dichloropropane	ND	4.8
Tetrachloroethene	ND	4.8
Dibromochloromethane	ND	4.8
1,2-Dibromoethane	ND	4.8
Chlorobenzene	ND	4.8
1,1,1,2-Tetrachloroethane	ND	4.8
Ethylbenzene	ND	4.8
m,p-Xylenes	ND	4.8
o-Xylene	ND	4.8
Styrene	ND	4.8
Bromoform	ND	4.8
Isopropylbenzene	ND	4.8
1,1,2,2-Tetrachloroethane	ND	4.8
1,2,3-Trichloropropane	ND	4.8
Propylbenzene	ND	4.8

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics		
Lab #:	234237	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	BH9-16	Diln Fac: 0.9560
Lab ID:	234237-015	Batch#: 183663
Matrix:	Soil	Sampled: 02/06/12
Units:	ug/Kg	Received: 02/06/12
Basis:	as received	Analyzed: 02/10/12

Analyte	Result	RL
Bromobenzene	ND	4.8
1,3,5-Trimethylbenzene	ND	4.8
2-Chlorotoluene	ND	4.8
4-Chlorotoluene	ND	4.8
tert-Butylbenzene	ND	4.8
1,2,4-Trimethylbenzene	9.4	4.8
sec-Butylbenzene	ND	4.8
para-Isopropyl Toluene	ND	4.8
1,3-Dichlorobenzene	ND	4.8
1,4-Dichlorobenzene	ND	4.8
n-Butylbenzene	ND	4.8
1,2-Dichlorobenzene	ND	4.8
1,2-Dibromo-3-Chloropropane	ND	4.8
1,2,4-Trichlorobenzene	ND	4.8
Hexachlorobutadiene	ND	4.8
Naphthalene	5.7	4.8
1,2,3-Trichlorobenzene	ND	4.8

Surrogate	%REC	Limits
Dibromofluoromethane	109	74-133
1,2-Dichloroethane-d4	105	74-136
Toluene-d8	93	80-120
Bromofluorobenzene	100	77-130

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics			
Lab #:	234237	Location:	2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep:	EPA 5030B
Project#:	2145 35TH AVENUE	Analysis:	EPA 8260B
Field ID:	BH9-30	Diln Fac:	0.9843
Lab ID:	234237-017	Batch#:	183628
Matrix:	Soil	Sampled:	02/06/12
Units:	ug/Kg	Received:	02/06/12
Basis:	as received	Analyzed:	02/09/12

Analyte	Result	RL
Freon 12	ND	9.8
tert-Butyl Alcohol (TBA)	ND	98
Chloromethane	ND	9.8
Isopropyl Ether (DIPE)	ND	4.9
Vinyl Chloride	ND	9.8
Bromomethane	ND	9.8
Ethyl tert-Butyl Ether (ETBE)	ND	4.9
Chloroethane	ND	9.8
Methyl tert-Amyl Ether (TAME)	ND	4.9
Trichlorofluoromethane	ND	4.9
Acetone	ND	20
Freon 113	ND	4.9
1,1-Dichloroethene	ND	4.9
Methylene Chloride	ND	20
Carbon Disulfide	ND	4.9
MTBE	ND	4.9
trans-1,2-Dichloroethene	ND	4.9
Vinyl Acetate	ND	49
1,1-Dichloroethane	ND	4.9
2-Butanone	ND	9.8
cis-1,2-Dichloroethene	ND	4.9
2,2-Dichloropropane	ND	4.9
Chloroform	ND	4.9
Bromochloromethane	ND	4.9
1,1,1-Trichloroethane	ND	4.9
1,1-Dichloropropene	ND	4.9
Carbon Tetrachloride	ND	4.9
1,2-Dichloroethane	ND	4.9
Benzene	ND	4.9
Trichloroethene	ND	4.9
1,2-Dichloropropane	ND	4.9
Bromodichloromethane	ND	4.9
Dibromomethane	ND	4.9
4-Methyl-2-Pentanone	ND	9.8
cis-1,3-Dichloropropene	ND	4.9
Toluene	ND	4.9
trans-1,3-Dichloropropene	ND	4.9
1,1,2-Trichloroethane	ND	4.9
2-Hexanone	ND	9.8
1,3-Dichloropropane	ND	4.9
Tetrachloroethene	ND	4.9
Dibromochloromethane	ND	4.9
1,2-Dibromoethane	ND	4.9
Chlorobenzene	ND	4.9
1,1,1,2-Tetrachloroethane	ND	4.9
Ethylbenzene	ND	4.9
m,p-Xylenes	ND	4.9
o-Xylene	ND	4.9
Styrene	ND	4.9
Bromoform	ND	4.9
Isopropylbenzene	ND	4.9
1,1,2,2-Tetrachloroethane	ND	4.9
1,2,3-Trichloropropane	ND	4.9
Propylbenzene	ND	4.9

ND= Not Detected  
 RL= Reporting Limit



Volatile Organics		
Lab #:	234237	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	BH9-30	Diln Fac: 0.9843
Lab ID:	234237-017	Batch#: 183628
Matrix:	Soil	Sampled: 02/06/12
Units:	ug/Kg	Received: 02/06/12
Basis:	as received	Analyzed: 02/09/12

Analyte	Result	RL
Bromobenzene	ND	4.9
1,3,5-Trimethylbenzene	ND	4.9
2-Chlorotoluene	ND	4.9
4-Chlorotoluene	ND	4.9
tert-Butylbenzene	ND	4.9
1,2,4-Trimethylbenzene	ND	4.9
sec-Butylbenzene	ND	4.9
para-Isopropyl Toluene	ND	4.9
1,3-Dichlorobenzene	ND	4.9
1,4-Dichlorobenzene	ND	4.9
n-Butylbenzene	ND	4.9
1,2-Dichlorobenzene	ND	4.9
1,2-Dibromo-3-Chloropropane	ND	4.9
1,2,4-Trichlorobenzene	ND	4.9
Hexachlorobutadiene	ND	4.9
Naphthalene	ND	4.9
1,2,3-Trichlorobenzene	ND	4.9

Surrogate	%REC	Limits
Dibromofluoromethane	80	74-133
1,2-Dichloroethane-d4	86	74-136
Toluene-d8	94	80-120
Bromofluorobenzene	94	77-130

ND= Not Detected  
 RL= Reporting Limit  
 Page 2 of 2

Volatile Organics			
Lab #:	234237	Location:	2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep:	EPA 5030B
Project#:	2145 35TH AVENUE	Analysis:	EPA 8260B
Field ID:	BH10-9	Diln Fac:	0.9766
Lab ID:	234237-020	Batch#:	183600
Matrix:	Soil	Sampled:	02/06/12
Units:	ug/Kg	Received:	02/06/12
Basis:	as received	Analyzed:	02/08/12

Analyte	Result	RL
Freon 12	ND	9.8
tert-Butyl Alcohol (TBA)	ND	98
Chloromethane	ND	9.8
Isopropyl Ether (DIPE)	ND	4.9
Vinyl Chloride	ND	9.8
Bromomethane	ND	9.8
Ethyl tert-Butyl Ether (ETBE)	ND	4.9
Chloroethane	ND	9.8
Methyl tert-Amyl Ether (TAME)	ND	4.9
Trichlorofluoromethane	ND	4.9
Acetone	ND	20
Freon 113	ND	4.9
1,1-Dichloroethene	ND	4.9
Methylene Chloride	ND	20
Carbon Disulfide	ND	4.9
MTBE	ND	4.9
trans-1,2-Dichloroethene	ND	4.9
Vinyl Acetate	ND	49
1,1-Dichloroethane	ND	4.9
2-Butanone	ND	9.8
cis-1,2-Dichloroethene	ND	4.9
2,2-Dichloropropane	ND	4.9
Chloroform	ND	4.9
Bromochloromethane	ND	4.9
1,1,1-Trichloroethane	ND	4.9
1,1-Dichloropropene	ND	4.9
Carbon Tetrachloride	ND	4.9
1,2-Dichloroethane	ND	4.9
Benzene	ND	4.9
Trichloroethene	ND	4.9
1,2-Dichloropropane	ND	4.9
Bromodichloromethane	ND	4.9
Dibromomethane	ND	4.9
4-Methyl-2-Pentanone	ND	9.8
cis-1,3-Dichloropropene	ND	4.9
Toluene	ND	4.9
trans-1,3-Dichloropropene	ND	4.9
1,1,2-Trichloroethane	ND	4.9
2-Hexanone	ND	9.8
1,3-Dichloropropane	ND	4.9
Tetrachloroethene	ND	4.9
Dibromochloromethane	ND	4.9
1,2-Dibromoethane	ND	4.9
Chlorobenzene	ND	4.9
1,1,1,2-Tetrachloroethane	ND	4.9
Ethylbenzene	ND	4.9
m,p-Xylenes	ND	4.9
o-Xylene	ND	4.9
Styrene	ND	4.9
Bromoform	ND	4.9
Isopropylbenzene	ND	4.9
1,1,2,2-Tetrachloroethane	ND	4.9
1,2,3-Trichloropropane	ND	4.9
Propylbenzene	ND	4.9

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics		
Lab #:	234237	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	BH10-9	Diln Fac: 0.9766
Lab ID:	234237-020	Batch#: 183600
Matrix:	Soil	Sampled: 02/06/12
Units:	ug/Kg	Received: 02/06/12
Basis:	as received	Analyzed: 02/08/12

Analyte	Result	RL
Bromobenzene	ND	4.9
1,3,5-Trimethylbenzene	ND	4.9
2-Chlorotoluene	ND	4.9
4-Chlorotoluene	ND	4.9
tert-Butylbenzene	ND	4.9
1,2,4-Trimethylbenzene	ND	4.9
sec-Butylbenzene	ND	4.9
para-Isopropyl Toluene	ND	4.9
1,3-Dichlorobenzene	ND	4.9
1,4-Dichlorobenzene	ND	4.9
n-Butylbenzene	ND	4.9
1,2-Dichlorobenzene	ND	4.9
1,2-Dibromo-3-Chloropropane	ND	4.9
1,2,4-Trichlorobenzene	ND	4.9
Hexachlorobutadiene	ND	4.9
Naphthalene	ND	4.9
1,2,3-Trichlorobenzene	ND	4.9

Surrogate	%REC	Limits
Dibromofluoromethane	98	74-133
1,2-Dichloroethane-d4	113	74-136
Toluene-d8	100	80-120
Bromofluorobenzene	107	77-130

ND= Not Detected  
 RL= Reporting Limit  
 Page 2 of 2

Volatile Organics			
Lab #:	234237	Location:	2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep:	EPA 5030B
Project#:	2145 35TH AVENUE	Analysis:	EPA 8260B
Field ID:	BH10-12	Diln Fac:	0.9671
Lab ID:	234237-021	Batch#:	183600
Matrix:	Soil	Sampled:	02/06/12
Units:	ug/Kg	Received:	02/06/12
Basis:	as received	Analyzed:	02/08/12

Analyte	Result	RL
Freon 12	ND	9.7
tert-Butyl Alcohol (TBA)	ND	97
Chloromethane	ND	9.7
Isopropyl Ether (DIPE)	ND	4.8
Vinyl Chloride	ND	9.7
Bromomethane	ND	9.7
Ethyl tert-Butyl Ether (ETBE)	ND	4.8
Chloroethane	ND	9.7
Methyl tert-Amyl Ether (TAME)	ND	4.8
Trichlorofluoromethane	ND	4.8
Acetone	22	19
Freon 113	ND	4.8
1,1-Dichloroethene	ND	4.8
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.8
MTBE	ND	4.8
trans-1,2-Dichloroethene	ND	4.8
Vinyl Acetate	ND	48
1,1-Dichloroethane	ND	4.8
2-Butanone	ND	9.7
cis-1,2-Dichloroethene	ND	4.8
2,2-Dichloropropane	ND	4.8
Chloroform	ND	4.8
Bromochloromethane	ND	4.8
1,1,1-Trichloroethane	ND	4.8
1,1-Dichloropropene	ND	4.8
Carbon Tetrachloride	ND	4.8
1,2-Dichloroethane	ND	4.8
Benzene	ND	4.8
Trichloroethene	ND	4.8
1,2-Dichloropropane	ND	4.8
Bromodichloromethane	ND	4.8
Dibromomethane	ND	4.8
4-Methyl-2-Pentanone	ND	9.7
cis-1,3-Dichloropropene	ND	4.8
Toluene	ND	4.8
trans-1,3-Dichloropropene	ND	4.8
1,1,2-Trichloroethane	ND	4.8
2-Hexanone	ND	9.7
1,3-Dichloropropane	ND	4.8
Tetrachloroethene	ND	4.8
Dibromochloromethane	ND	4.8
1,2-Dibromoethane	ND	4.8
Chlorobenzene	ND	4.8
1,1,1,2-Tetrachloroethane	ND	4.8
Ethylbenzene	ND	4.8
m,p-Xylenes	ND	4.8
o-Xylene	ND	4.8
Styrene	ND	4.8
Bromoform	ND	4.8
Isopropylbenzene	ND	4.8
1,1,2,2-Tetrachloroethane	ND	4.8
1,2,3-Trichloropropane	ND	4.8
Propylbenzene	ND	4.8

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics		
Lab #:	234237	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	BH10-12	Diln Fac: 0.9671
Lab ID:	234237-021	Batch#: 183600
Matrix:	Soil	Sampled: 02/06/12
Units:	ug/Kg	Received: 02/06/12
Basis:	as received	Analyzed: 02/08/12

Analyte	Result	RL
Bromobenzene	ND	4.8
1,3,5-Trimethylbenzene	ND	4.8
2-Chlorotoluene	ND	4.8
4-Chlorotoluene	ND	4.8
tert-Butylbenzene	ND	4.8
1,2,4-Trimethylbenzene	ND	4.8
sec-Butylbenzene	ND	4.8
para-Isopropyl Toluene	ND	4.8
1,3-Dichlorobenzene	ND	4.8
1,4-Dichlorobenzene	ND	4.8
n-Butylbenzene	ND	4.8
1,2-Dichlorobenzene	ND	4.8
1,2-Dibromo-3-Chloropropane	ND	4.8
1,2,4-Trichlorobenzene	ND	4.8
Hexachlorobutadiene	ND	4.8
Naphthalene	ND	4.8
1,2,3-Trichlorobenzene	ND	4.8

Surrogate	%REC	Limits
Dibromofluoromethane	95	74-133
1,2-Dichloroethane-d4	104	74-136
Toluene-d8	99	80-120
Bromofluorobenzene	107	77-130

ND= Not Detected  
 RL= Reporting Limit  
 Page 2 of 2

Volatile Organics			
Lab #:	234237	Location:	2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep:	EPA 5030B
Project#:	2145 35TH AVENUE	Analysis:	EPA 8260B
Field ID:	BH12-5	Diln Fac:	0.9785
Lab ID:	234237-025	Batch#:	183600
Matrix:	Soil	Sampled:	02/06/12
Units:	ug/Kg	Received:	02/06/12
Basis:	as received	Analyzed:	02/08/12

Analyte	Result	RL
Freon 12	ND	9.8
tert-Butyl Alcohol (TBA)	ND	98
Chloromethane	ND	9.8
Isopropyl Ether (DIPE)	ND	4.9
Vinyl Chloride	ND	9.8
Bromomethane	ND	9.8
Ethyl tert-Butyl Ether (ETBE)	ND	4.9
Chloroethane	ND	9.8
Methyl tert-Amyl Ether (TAME)	ND	4.9
Trichlorofluoromethane	ND	4.9
Acetone	ND	20
Freon 113	ND	4.9
1,1-Dichloroethene	ND	4.9
Methylene Chloride	ND	20
Carbon Disulfide	ND	4.9
MTBE	ND	4.9
trans-1,2-Dichloroethene	ND	4.9
Vinyl Acetate	ND	49
1,1-Dichloroethane	ND	4.9
2-Butanone	ND	9.8
cis-1,2-Dichloroethene	ND	4.9
2,2-Dichloropropane	ND	4.9
Chloroform	ND	4.9
Bromochloromethane	ND	4.9
1,1,1-Trichloroethane	ND	4.9
1,1-Dichloropropene	ND	4.9
Carbon Tetrachloride	ND	4.9
1,2-Dichloroethane	ND	4.9
Benzene	ND	4.9
Trichloroethene	ND	4.9
1,2-Dichloropropane	ND	4.9
Bromodichloromethane	ND	4.9
Dibromomethane	ND	4.9
4-Methyl-2-Pentanone	ND	9.8
cis-1,3-Dichloropropene	ND	4.9
Toluene	ND	4.9
trans-1,3-Dichloropropene	ND	4.9
1,1,2-Trichloroethane	ND	4.9
2-Hexanone	ND	9.8
1,3-Dichloropropane	ND	4.9
Tetrachloroethene	ND	4.9
Dibromochloromethane	ND	4.9
1,2-Dibromoethane	ND	4.9
Chlorobenzene	ND	4.9
1,1,1,2-Tetrachloroethane	ND	4.9
Ethylbenzene	ND	4.9
m,p-Xylenes	ND	4.9
o-Xylene	ND	4.9
Styrene	ND	4.9
Bromoform	ND	4.9
Isopropylbenzene	ND	4.9
1,1,2,2-Tetrachloroethane	ND	4.9
1,2,3-Trichloropropane	ND	4.9
Propylbenzene	ND	4.9

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics		
Lab #:	234237	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	BH12-5	Diln Fac: 0.9785
Lab ID:	234237-025	Batch#: 183600
Matrix:	Soil	Sampled: 02/06/12
Units:	ug/Kg	Received: 02/06/12
Basis:	as received	Analyzed: 02/08/12

Analyte	Result	RL
Bromobenzene	ND	4.9
1,3,5-Trimethylbenzene	ND	4.9
2-Chlorotoluene	ND	4.9
4-Chlorotoluene	ND	4.9
tert-Butylbenzene	ND	4.9
1,2,4-Trimethylbenzene	ND	4.9
sec-Butylbenzene	ND	4.9
para-Isopropyl Toluene	ND	4.9
1,3-Dichlorobenzene	ND	4.9
1,4-Dichlorobenzene	ND	4.9
n-Butylbenzene	ND	4.9
1,2-Dichlorobenzene	ND	4.9
1,2-Dibromo-3-Chloropropane	ND	4.9
1,2,4-Trichlorobenzene	ND	4.9
Hexachlorobutadiene	ND	4.9
Naphthalene	ND	4.9
1,2,3-Trichlorobenzene	ND	4.9

Surrogate	%REC	Limits
Dibromofluoromethane	92	74-133
1,2-Dichloroethane-d4	102	74-136
Toluene-d8	98	80-120
Bromofluorobenzene	101	77-130

ND= Not Detected  
 RL= Reporting Limit  
 Page 2 of 2

Volatile Organics			
Lab #:	234237	Location:	2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep:	EPA 5030B
Project#:	2145 35TH AVENUE	Analysis:	EPA 8260B
Field ID:	BH12-12	Diln Fac:	0.9488
Lab ID:	234237-027	Batch#:	183600
Matrix:	Soil	Sampled:	02/06/12
Units:	ug/Kg	Received:	02/06/12
Basis:	as received	Analyzed:	02/08/12

Analyte	Result	RL
Freon 12	ND	9.5
tert-Butyl Alcohol (TBA)	ND	95
Chloromethane	ND	9.5
Isopropyl Ether (DIPE)	ND	4.7
Vinyl Chloride	ND	9.5
Bromomethane	ND	9.5
Ethyl tert-Butyl Ether (ETBE)	ND	4.7
Chloroethane	ND	9.5
Methyl tert-Amyl Ether (TAME)	ND	4.7
Trichlorofluoromethane	ND	4.7
Acetone	ND	19
Freon 113	ND	4.7
1,1-Dichloroethene	ND	4.7
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.7
MTBE	ND	4.7
trans-1,2-Dichloroethene	ND	4.7
Vinyl Acetate	ND	47
1,1-Dichloroethane	ND	4.7
2-Butanone	ND	9.5
cis-1,2-Dichloroethene	ND	4.7
2,2-Dichloropropane	ND	4.7
Chloroform	ND	4.7
Bromochloromethane	ND	4.7
1,1,1-Trichloroethane	ND	4.7
1,1-Dichloropropene	ND	4.7
Carbon Tetrachloride	ND	4.7
1,2-Dichloroethane	ND	4.7
Benzene	ND	4.7
Trichloroethene	ND	4.7
1,2-Dichloropropane	ND	4.7
Bromodichloromethane	ND	4.7
Dibromomethane	ND	4.7
4-Methyl-2-Pentanone	ND	9.5
cis-1,3-Dichloropropene	ND	4.7
Toluene	ND	4.7
trans-1,3-Dichloropropene	ND	4.7
1,1,2-Trichloroethane	ND	4.7
2-Hexanone	ND	9.5
1,3-Dichloropropane	ND	4.7
Tetrachloroethene	ND	4.7
Dibromochloromethane	ND	4.7
1,2-Dibromoethane	ND	4.7
Chlorobenzene	ND	4.7
1,1,1,2-Tetrachloroethane	ND	4.7
Ethylbenzene	ND	4.7
m,p-Xylenes	ND	4.7
o-Xylene	ND	4.7
Styrene	ND	4.7
Bromoform	ND	4.7
Isopropylbenzene	ND	4.7
1,1,2,2-Tetrachloroethane	ND	4.7
1,2,3-Trichloropropane	ND	4.7
Propylbenzene	ND	4.7

ND= Not Detected  
 RL= Reporting Limit



Volatile Organics		
Lab #:	234237	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	BH12-12	Diln Fac: 0.9488
Lab ID:	234237-027	Batch#: 183600
Matrix:	Soil	Sampled: 02/06/12
Units:	ug/Kg	Received: 02/06/12
Basis:	as received	Analyzed: 02/08/12

Analyte	Result	RL
Bromobenzene	ND	4.7
1,3,5-Trimethylbenzene	ND	4.7
2-Chlorotoluene	ND	4.7
4-Chlorotoluene	ND	4.7
tert-Butylbenzene	ND	4.7
1,2,4-Trimethylbenzene	ND	4.7
sec-Butylbenzene	ND	4.7
para-Isopropyl Toluene	ND	4.7
1,3-Dichlorobenzene	ND	4.7
1,4-Dichlorobenzene	ND	4.7
n-Butylbenzene	ND	4.7
1,2-Dichlorobenzene	ND	4.7
1,2-Dibromo-3-Chloropropane	ND	4.7
1,2,4-Trichlorobenzene	ND	4.7
Hexachlorobutadiene	ND	4.7
Naphthalene	ND	4.7
1,2,3-Trichlorobenzene	ND	4.7

Surrogate	%REC	Limits
Dibromofluoromethane	90	74-133
1,2-Dichloroethane-d4	98	74-136
Toluene-d8	97	80-120
Bromofluorobenzene	100	77-130

ND= Not Detected  
 RL= Reporting Limit  
 Page 2 of 2

Volatile Organics			
Lab #:	234237	Location:	2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep:	EPA 5030B
Project#:	2145 35TH AVENUE	Analysis:	EPA 8260B
Field ID:	BH12-30	Diln Fac:	0.9747
Lab ID:	234237-028	Batch#:	183600
Matrix:	Soil	Sampled:	02/06/12
Units:	ug/Kg	Received:	02/06/12
Basis:	as received	Analyzed:	02/08/12

Analyte	Result	RL
Freon 12	ND	9.7
tert-Butyl Alcohol (TBA)	ND	97
Chloromethane	ND	9.7
Isopropyl Ether (DIPE)	ND	4.9
Vinyl Chloride	ND	9.7
Bromomethane	ND	9.7
Ethyl tert-Butyl Ether (ETBE)	ND	4.9
Chloroethane	ND	9.7
Methyl tert-Amyl Ether (TAME)	ND	4.9
Trichlorofluoromethane	ND	4.9
Acetone	ND	19
Freon 113	ND	4.9
1,1-Dichloroethene	ND	4.9
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.9
MTBE	ND	4.9
trans-1,2-Dichloroethene	ND	4.9
Vinyl Acetate	ND	49
1,1-Dichloroethane	ND	4.9
2-Butanone	ND	9.7
cis-1,2-Dichloroethene	ND	4.9
2,2-Dichloropropane	ND	4.9
Chloroform	ND	4.9
Bromochloromethane	ND	4.9
1,1,1-Trichloroethane	ND	4.9
1,1-Dichloropropene	ND	4.9
Carbon Tetrachloride	ND	4.9
1,2-Dichloroethane	ND	4.9
Benzene	ND	4.9
Trichloroethene	ND	4.9
1,2-Dichloropropane	ND	4.9
Bromodichloromethane	ND	4.9
Dibromomethane	ND	4.9
4-Methyl-2-Pentanone	ND	9.7
cis-1,3-Dichloropropene	ND	4.9
Toluene	ND	4.9
trans-1,3-Dichloropropene	ND	4.9
1,1,2-Trichloroethane	ND	4.9
2-Hexanone	ND	9.7
1,3-Dichloropropane	ND	4.9
Tetrachloroethene	ND	4.9
Dibromochloromethane	ND	4.9
1,2-Dibromoethane	ND	4.9
Chlorobenzene	ND	4.9
1,1,1,2-Tetrachloroethane	ND	4.9
Ethylbenzene	ND	4.9
m,p-Xylenes	ND	4.9
o-Xylene	ND	4.9
Styrene	ND	4.9
Bromoform	ND	4.9
Isopropylbenzene	ND	4.9
1,1,2,2-Tetrachloroethane	ND	4.9
1,2,3-Trichloropropane	ND	4.9
Propylbenzene	ND	4.9

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics		
Lab #:	234237	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	BH12-30	Diln Fac: 0.9747
Lab ID:	234237-028	Batch#: 183600
Matrix:	Soil	Sampled: 02/06/12
Units:	ug/Kg	Received: 02/06/12
Basis:	as received	Analyzed: 02/08/12

Analyte	Result	RL
Bromobenzene	ND	4.9
1,3,5-Trimethylbenzene	ND	4.9
2-Chlorotoluene	ND	4.9
4-Chlorotoluene	ND	4.9
tert-Butylbenzene	ND	4.9
1,2,4-Trimethylbenzene	ND	4.9
sec-Butylbenzene	ND	4.9
para-Isopropyl Toluene	ND	4.9
1,3-Dichlorobenzene	ND	4.9
1,4-Dichlorobenzene	ND	4.9
n-Butylbenzene	ND	4.9
1,2-Dichlorobenzene	ND	4.9
1,2-Dibromo-3-Chloropropane	ND	4.9
1,2,4-Trichlorobenzene	ND	4.9
Hexachlorobutadiene	ND	4.9
Naphthalene	ND	4.9
1,2,3-Trichlorobenzene	ND	4.9

Surrogate	%REC	Limits
Dibromofluoromethane	92	74-133
1,2-Dichloroethane-d4	100	74-136
Toluene-d8	99	80-120
Bromofluorobenzene	98	77-130

ND= Not Detected  
 RL= Reporting Limit  
 Page 2 of 2

**Batch QC Report**

Volatile Organics		
Lab #:	234237	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Type:	BLANK	Diln Fac: 1.000
Lab ID:	QC627986	Batch#: 183600
Matrix:	Soil	Analyzed: 02/08/12
Units:	ug/Kg	

Analyte	Result	RL
Freon 12	ND	10
tert-Butyl Alcohol (TBA)	ND	100
Chloromethane	ND	10
Isopropyl Ether (DIPE)	ND	5.0
Vinyl Chloride	ND	10
Bromomethane	ND	10
Ethyl tert-Butyl Ether (ETBE)	ND	5.0
Chloroethane	ND	10
Methyl tert-Amyl Ether (TAME)	ND	5.0
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0

ND= Not Detected  
 RL= Reporting Limit

**Batch QC Report**

<b>Volatile Organics</b>		
Lab #:	234237	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Type:	BLANK	Diln Fac: 1.000
Lab ID:	QC627986	Batch#: 183600
Matrix:	Soil	Analyzed: 02/08/12
Units:	ug/Kg	

<b>Analyte</b>	<b>Result</b>	<b>RL</b>
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

<b>Surrogate</b>	<b>%REC</b>	<b>Limits</b>
Dibromofluoromethane	97	74-133
1,2-Dichloroethane-d4	117	74-136
Toluene-d8	101	80-120
Bromofluorobenzene	104	77-130

ND= Not Detected  
 RL= Reporting Limit

**Batch QC Report**

<b>Volatile Organics</b>		
Lab #:	234237	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Type:	LCS	Diln Fac: 1.000
Lab ID:	QC627987	Batch#: 183600
Matrix:	Soil	Analyzed: 02/08/12
Units:	ug/Kg	

<b>Analyte</b>	<b>Spiked</b>	<b>Result</b>	<b>%REC</b>	<b>Limits</b>
tert-Butyl Alcohol (TBA)	100.0	101.4	101	46-135
Isopropyl Ether (DIPE)	20.00	15.78	79	59-120
Ethyl tert-Butyl Ether (ETBE)	20.00	16.59	83	64-120
Methyl tert-Amyl Ether (TAME)	20.00	16.44	82	68-120
1,1-Dichloroethene	20.00	17.00	85	71-125
Benzene	20.00	20.90	104	78-125
Trichloroethene	20.00	21.75	109	77-121
Toluene	20.00	20.42	102	79-120
Chlorobenzene	20.00	20.89	104	80-120

<b>Surrogate</b>	<b>%REC</b>	<b>Limits</b>
Dibromofluoromethane	100	74-133
1,2-Dichloroethane-d4	112	74-136
Toluene-d8	99	80-120
Bromofluorobenzene	100	77-130

**Batch QC Report**

Volatile Organics		
Lab #:	234237	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	BH12-30	Batch#: 183600
MSS Lab ID:	234237-028	Sampled: 02/06/12
Matrix:	Soil	Received: 02/06/12
Units:	ug/Kg	Analyzed: 02/09/12
Basis:	as received	

Type: MS Diln Fac: 0.9921  
 Lab ID: QC627988

Analyte	MSS Result	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	<17.55	248.0	244.4	99	44-128
Isopropyl Ether (DIPE)	<1.423	49.60	37.30	75	50-120
Ethyl tert-Butyl Ether (ETBE)	<0.5654	49.60	40.76	82	55-120
Methyl tert-Amyl Ether (TAME)	<0.5672	49.60	39.26	79	55-120
1,1-Dichloroethene	<1.247	49.60	35.21	71	55-127
Benzene	<0.6766	49.60	40.91	82	58-122
Trichloroethene	<0.7304	49.60	44.06	89	45-142
Toluene	<0.4553	49.60	41.90	84	54-120
Chlorobenzene	<0.3441	49.60	41.62	84	49-120

Surrogate	%REC	Limits
Dibromofluoromethane	91	74-133
1,2-Dichloroethane-d4	97	74-136
Toluene-d8	100	80-120
Bromofluorobenzene	100	77-130

Type: MSD Diln Fac: 0.9901  
 Lab ID: QC627989

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	247.5	241.5	98	44-128	1	39
Isopropyl Ether (DIPE)	49.50	38.53	78	50-120	3	32
Ethyl tert-Butyl Ether (ETBE)	49.50	41.79	84	55-120	3	32
Methyl tert-Amyl Ether (TAME)	49.50	41.04	83	55-120	5	34
1,1-Dichloroethene	49.50	39.97	81	55-127	13	38
Benzene	49.50	45.51	92	58-122	11	37
Trichloroethene	49.50	48.32	98	45-142	9	41
Toluene	49.50	47.14	95	54-120	12	35
Chlorobenzene	49.50	46.83	95	49-120	12	38

Surrogate	%REC	Limits
Dibromofluoromethane	92	74-133
1,2-Dichloroethane-d4	98	74-136
Toluene-d8	101	80-120
Bromofluorobenzene	100	77-130

RPD= Relative Percent Difference

**Batch QC Report**

Volatile Organics		
Lab #:	234237	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Type:	BLANK	Diln Fac: 1.000
Lab ID:	QC628103	Batch#: 183628
Matrix:	Soil	Analyzed: 02/09/12
Units:	ug/Kg	

Analyte	Result	RL
Freon 12	ND	10
tert-Butyl Alcohol (TBA)	ND	100
Chloromethane	ND	10
Isopropyl Ether (DIPE)	ND	5.0
Vinyl Chloride	ND	10
Bromomethane	ND	10
Ethyl tert-Butyl Ether (ETBE)	ND	5.0
Chloroethane	ND	10
Methyl tert-Amyl Ether (TAME)	ND	5.0
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0

ND= Not Detected  
 RL= Reporting Limit



## Batch QC Report

Volatile Organics		
Lab #:	234237	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Type:	BLANK	Diln Fac: 1.000
Lab ID:	QC628103	Batch#: 183628
Matrix:	Soil	Analyzed: 02/09/12
Units:	ug/Kg	

Analyte	Result	RL
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	108	74-133
1,2-Dichloroethane-d4	128	74-136
Toluene-d8	102	80-120
Bromofluorobenzene	102	77-130

ND= Not Detected  
 RL= Reporting Limit

**Batch QC Report**

<b>Volatile Organics</b>		
Lab #:	234237	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Type:	LCS	Diln Fac: 1.000
Lab ID:	QC628104	Batch#: 183628
Matrix:	Soil	Analyzed: 02/09/12
Units:	ug/Kg	

<b>Analyte</b>	<b>Spiked</b>	<b>Result</b>	<b>%REC</b>	<b>Limits</b>
tert-Butyl Alcohol (TBA)	100.0	104.1	104	46-135
Isopropyl Ether (DIPE)	20.00	15.45	77	59-120
Ethyl tert-Butyl Ether (ETBE)	20.00	17.13	86	64-120
Methyl tert-Amyl Ether (TAME)	20.00	16.30	81	68-120
1,1-Dichloroethene	20.00	16.44	82	71-125
Benzene	20.00	20.15	101	78-125
Trichloroethene	20.00	20.60	103	77-121
Toluene	20.00	19.89	99	79-120
Chlorobenzene	20.00	20.39	102	80-120

<b>Surrogate</b>	<b>%REC</b>	<b>Limits</b>
Dibromofluoromethane	102	74-133
1,2-Dichloroethane-d4	114	74-136
Toluene-d8	99	80-120
Bromofluorobenzene	99	77-130

**Batch QC Report**

Volatile Organics		
Lab #:	234237	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	BH9-30	Batch#: 183628
MSS Lab ID:	234237-017	Sampled: 02/06/12
Matrix:	Soil	Received: 02/06/12
Units:	ug/Kg	Analyzed: 02/09/12
Basis:	as received	

Type: MS Diln Fac: 0.9524  
 Lab ID: QC628105

Analyte	MSS Result	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	<17.73	238.1	168.7	71	44-128
Isopropyl Ether (DIPE)	<1.437	47.62	25.69	54	50-120
Ethyl tert-Butyl Ether (ETBE)	<0.5710	47.62	28.70	60	55-120
Methyl tert-Amyl Ether (TAME)	<0.5728	47.62	30.90	65	55-120
1,1-Dichloroethene	<1.260	47.62	27.21	57	55-127
Benzene	<0.6832	47.62	36.91	78	58-122
Trichloroethene	<0.7376	47.62	40.40	85	45-142
Toluene	<0.4598	47.62	38.95	82	54-120
Chlorobenzene	<0.3475	47.62	39.62	83	49-120

Surrogate	%REC	Limits
Dibromofluoromethane	79	74-133
1,2-Dichloroethane-d4	80	74-136
Toluene-d8	97	80-120
Bromofluorobenzene	94	77-130

Type: MSD Diln Fac: 0.9452  
 Lab ID: QC628106

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	236.3	195.9	83	44-128	16	39
Isopropyl Ether (DIPE)	47.26	31.16	66	50-120	20	32
Ethyl tert-Butyl Ether (ETBE)	47.26	35.13	74	55-120	21	32
Methyl tert-Amyl Ether (TAME)	47.26	37.46	79	55-120	20	34
1,1-Dichloroethene	47.26	28.45	60	55-127	5	38
Benzene	47.26	38.55	82	58-122	5	37
Trichloroethene	47.26	42.09	89	45-142	5	41
Toluene	47.26	41.51	88	54-120	7	35
Chlorobenzene	47.26	42.10	89	49-120	7	38

Surrogate	%REC	Limits
Dibromofluoromethane	81	74-133
1,2-Dichloroethane-d4	80	74-136
Toluene-d8	98	80-120
Bromofluorobenzene	92	77-130

RPD= Relative Percent Difference

**Batch QC Report**

<b>Volatile Organics</b>		
Lab #:	234237	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Type:	LCS	Diln Fac: 1.000
Lab ID:	QC628261	Batch#: 183663
Matrix:	Soil	Analyzed: 02/10/12
Units:	ug/Kg	

<b>Analyte</b>	<b>Spiked</b>	<b>Result</b>	<b>%REC</b>	<b>Limits</b>
tert-Butyl Alcohol (TBA)	100.0	102.0	102	46-135
Isopropyl Ether (DIPE)	20.00	17.24	86	59-120
Ethyl tert-Butyl Ether (ETBE)	20.00	22.09	110	64-120
Methyl tert-Amyl Ether (TAME)	20.00	16.57	83	68-120
1,1-Dichloroethene	20.00	18.58	93	71-125
Benzene	20.00	17.71	89	78-125
Trichloroethene	20.00	18.15	91	77-121
Toluene	20.00	16.40	82	79-120
Chlorobenzene	20.00	17.72	89	80-120

<b>Surrogate</b>	<b>%REC</b>	<b>Limits</b>
Dibromofluoromethane	111	74-133
1,2-Dichloroethane-d4	100	74-136
Toluene-d8	93	80-120
Bromofluorobenzene	100	77-130

**Batch QC Report**

Volatile Organics		
Lab #:	234237	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Type:	BLANK	Diln Fac: 1.000
Lab ID:	QC628262	Batch#: 183663
Matrix:	Soil	Analyzed: 02/10/12
Units:	ug/Kg	

Analyte	Result	RL
Freon 12	ND	10
tert-Butyl Alcohol (TBA)	ND	100
Chloromethane	ND	10
Isopropyl Ether (DIPE)	ND	5.0
Vinyl Chloride	ND	10
Bromomethane	ND	10
Ethyl tert-Butyl Ether (ETBE)	ND	5.0
Chloroethane	ND	10
Methyl tert-Amyl Ether (TAME)	ND	5.0
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0

ND= Not Detected  
 RL= Reporting Limit

**Batch QC Report**

<b>Volatile Organics</b>		
Lab #:	234237	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Type:	BLANK	Diln Fac: 1.000
Lab ID:	QC628262	Batch#: 183663
Matrix:	Soil	Analyzed: 02/10/12
Units:	ug/Kg	

<b>Analyte</b>	<b>Result</b>	<b>RL</b>
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

<b>Surrogate</b>	<b>%REC</b>	<b>Limits</b>
Dibromofluoromethane	105	74-133
1,2-Dichloroethane-d4	98	74-136
Toluene-d8	93	80-120
Bromofluorobenzene	107	77-130

ND= Not Detected  
 RL= Reporting Limit

**Batch QC Report**

Volatile Organics		
Lab #:	234237	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	BH15-16	Diln Fac: 0.9506
MSS Lab ID:	234293-020	Batch#: 183663
Matrix:	Soil	Sampled: 02/08/12
Units:	ug/Kg	Received: 02/08/12
Basis:	as received	Analyzed: 02/10/12

Type: MS Lab ID: QC628269

Analyte	MSS Result	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	<15.56	237.6	231.9	98	44-128
Isopropyl Ether (DIPE)	<1.283	47.53	41.27	87	50-120
Ethyl tert-Butyl Ether (ETBE)	<0.9673	47.53	46.13	97	55-120
Methyl tert-Amyl Ether (TAME)	<0.6300	47.53	41.50	87	55-120
1,1-Dichloroethene	<0.5923	47.53	49.35	104	55-127
Benzene	<0.9649	47.53	47.19	99	58-122
Trichloroethene	<1.126	47.53	49.07	103	45-142
Toluene	<1.302	47.53	46.27	97	54-120
Chlorobenzene	<0.2908	47.53	47.93	101	49-120

Surrogate	%REC	Limits
Dibromofluoromethane	107	74-133
1,2-Dichloroethane-d4	98	74-136
Toluene-d8	95	80-120
Bromofluorobenzene	94	77-130

Type: MSD Lab ID: QC628270

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	237.6	222.2	94	44-128	4	39
Isopropyl Ether (DIPE)	47.53	36.26	76	50-120	13	32
Ethyl tert-Butyl Ether (ETBE)	47.53	40.65	86	55-120	13	32
Methyl tert-Amyl Ether (TAME)	47.53	38.42	81	55-120	8	34
1,1-Dichloroethene	47.53	45.01	95	55-127	9	38
Benzene	47.53	45.05	95	58-122	5	37
Trichloroethene	47.53	46.26	97	45-142	6	41
Toluene	47.53	40.13	84	54-120	14	35
Chlorobenzene	47.53	43.94	92	49-120	9	38

Surrogate	%REC	Limits
Dibromofluoromethane	103	74-133
1,2-Dichloroethane-d4	99	74-136
Toluene-d8	92	80-120
Bromofluorobenzene	95	77-130

RPD= Relative Percent Difference

**Batch QC Report**

Volatile Organics		
Lab #:	234237	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Type:	BLANK	Diln Fac: 1.000
Lab ID:	QC628429	Batch#: 183704
Matrix:	Soil	Analyzed: 02/13/12
Units:	ug/Kg	

Analyte	Result	RL
Freon 12	ND	10
tert-Butyl Alcohol (TBA)	ND	100
Chloromethane	ND	10
Isopropyl Ether (DIPE)	ND	5.0
Vinyl Chloride	ND	10
Bromomethane	ND	10
Ethyl tert-Butyl Ether (ETBE)	ND	5.0
Chloroethane	ND	10
Methyl tert-Amyl Ether (TAME)	ND	5.0
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0

ND= Not Detected  
 RL= Reporting Limit



**Batch QC Report**

<b>Volatile Organics</b>		
Lab #:	234237	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Type:	BLANK	Diln Fac: 1.000
Lab ID:	QC628429	Batch#: 183704
Matrix:	Soil	Analyzed: 02/13/12
Units:	ug/Kg	

<b>Analyte</b>	<b>Result</b>	<b>RL</b>
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

<b>Surrogate</b>	<b>%REC</b>	<b>Limits</b>
Dibromofluoromethane	112	74-133
1,2-Dichloroethane-d4	117	74-136
Toluene-d8	100	80-120
Bromofluorobenzene	99	77-130

ND= Not Detected  
 RL= Reporting Limit

**Batch QC Report**

<b>Volatile Organics</b>		
Lab #:	234237	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Type:	LCS	Diln Fac: 1.000
Lab ID:	QC628430	Batch#: 183704
Matrix:	Soil	Analyzed: 02/13/12
Units:	ug/Kg	

<b>Analyte</b>	<b>Spiked</b>	<b>Result</b>	<b>%REC</b>	<b>Limits</b>
tert-Butyl Alcohol (TBA)	100.0	89.52	90	46-135
Isopropyl Ether (DIPE)	20.00	16.86	84	59-120
Ethyl tert-Butyl Ether (ETBE)	20.00	17.77	89	64-120
Methyl tert-Amyl Ether (TAME)	20.00	16.60	83	68-120
1,1-Dichloroethene	20.00	17.56	88	71-125
Benzene	20.00	20.28	101	78-125
Trichloroethene	20.00	20.32	102	77-121
Toluene	20.00	19.80	99	79-120
Chlorobenzene	20.00	19.89	99	80-120

<b>Surrogate</b>	<b>%REC</b>	<b>Limits</b>
Dibromofluoromethane	99	74-133
1,2-Dichloroethane-d4	105	74-136
Toluene-d8	100	80-120
Bromofluorobenzene	102	77-130

**Batch QC Report**

Volatile Organics		
Lab #:	234237	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	ZZZZZZZZZZ	Batch#: 183704
MSS Lab ID:	234345-001	Sampled: 02/09/12
Matrix:	Soil	Received: 02/09/12
Units:	ug/Kg	Analyzed: 02/13/12
Basis:	as received	

Type: MS Diln Fac: 0.9346  
 Lab ID: QC628431

Analyte	MSS Result	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	<17.73	233.6	197.7	85	44-128
Isopropyl Ether (DIPE)	<1.437	46.73	31.44	67	50-120
Ethyl tert-Butyl Ether (ETBE)	<0.5710	46.73	34.21	73	55-120
Methyl tert-Amyl Ether (TAME)	<0.5728	46.73	32.88	70	55-120
1,1-Dichloroethene	<1.260	46.73	26.77	57	55-127
Benzene	<0.6832	46.73	32.83	70	58-122
Trichloroethene	<0.7376	46.73	33.01	71	45-142
Toluene	<0.4598	46.73	33.10	71	54-120
Chlorobenzene	<0.3475	46.73	31.55	68	49-120

Surrogate	%REC	Limits
Dibromofluoromethane	90	74-133
1,2-Dichloroethane-d4	86	74-136
Toluene-d8	98	80-120
Bromofluorobenzene	96	77-130

Type: MSD Diln Fac: 0.9311  
 Lab ID: QC628432

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	232.8	178.3	77	44-128	10	39
Isopropyl Ether (DIPE)	46.55	29.38	63	50-120	6	32
Ethyl tert-Butyl Ether (ETBE)	46.55	31.79	68	55-120	7	32
Methyl tert-Amyl Ether (TAME)	46.55	32.63	70	55-120	0	34
1,1-Dichloroethene	46.55	29.65	64	55-127	11	38
Benzene	46.55	37.70	81	58-122	14	37
Trichloroethene	46.55	37.66	81	45-142	14	41
Toluene	46.55	37.31	80	54-120	12	35
Chlorobenzene	46.55	34.94	75	49-120	11	38

Surrogate	%REC	Limits
Dibromofluoromethane	87	74-133
1,2-Dichloroethane-d4	83	74-136
Toluene-d8	98	80-120
Bromofluorobenzene	97	77-130

RPD= Relative Percent Difference

**Polychlorinated Biphenyls (PCBs)**

Lab #:	234237	Location:	2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep:	EPA 3520C
Project#:	2145 35TH AVENUE	Analysis:	EPA 8082
Field ID:	BH10-W	Sampled:	02/06/12
Matrix:	Water	Received:	02/06/12
Units:	ug/L	Prepared:	02/08/12
Diln Fac:	1.000	Analyzed:	02/09/12
Batch#:	183594		

Type: SAMPLE                      Lab ID: 234237-005

Analyte	Result	RL
Aroclor-1016	ND	0.50
Aroclor-1221	ND	1.0
Aroclor-1232	ND	0.50
Aroclor-1242	ND	0.50
Aroclor-1248	ND	0.50
Aroclor-1254	ND	0.50
Aroclor-1260	ND	0.50
Aroclor-1268	ND	0.50

Surrogate	%REC	Limits
TCMX	58	39-120
Decachlorobiphenyl	59	22-120

Type: BLANK                      Lab ID: QC627962

Analyte	Result	RL
Aroclor-1016	ND	0.50
Aroclor-1221	ND	1.0
Aroclor-1232	ND	0.50
Aroclor-1242	ND	0.50
Aroclor-1248	ND	0.50
Aroclor-1254	ND	0.50
Aroclor-1260	ND	0.50
Aroclor-1268	ND	0.50

Surrogate	%REC	Limits
TCMX	96	39-120
Decachlorobiphenyl	106	22-120

ND= Not Detected  
 RL= Reporting Limit





## Batch QC Report

Polychlorinated Biphenyls (PCBs)		
Lab #:	234237	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 3550B
Project#:	2145 35TH AVENUE	Analysis: EPA 8082
Type:	LCS	Diln Fac: 1.000
Lab ID:	QC627813	Batch#: 183556
Matrix:	Soil	Prepared: 02/07/12
Units:	ug/Kg	Analyzed: 02/08/12

Analyte	Spiked	Result	%REC	Limits
Aroclor-1016	167.3	148.0	88	63-138
Aroclor-1260	167.3	170.1	102	60-141

Surrogate	%REC	Limits
TCMX	96	55-137
Decachlorobiphenyl	115	28-120

**Batch QC Report**

<b>Polychlorinated Biphenyls (PCBs)</b>			
Lab #:	234237	Location:	2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep:	EPA 3550B
Project#:	2145 35TH AVENUE	Analysis:	EPA 8082
Field ID:	ZZZZZZZZZZ	Batch#:	183556
MSS Lab ID:	234213-001	Sampled:	02/06/12
Matrix:	Soil	Received:	02/06/12
Units:	ug/Kg	Prepared:	02/07/12
Basis:	as received	Analyzed:	02/08/12
Diln Fac:	1.000		

Type: MS Lab ID: QC627814

Analyte	MSS Result	Spiked	Result	%REC	Limits
Aroclor-1016	<1.413	167.8	135.6	81	47-150
Aroclor-1260	8.196	167.8	158.1	89	38-150

Surrogate	%REC	Limits
TCMX	83	55-137
Decachlorobiphenyl	100	28-120

Type: MSD Lab ID: QC627815

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Aroclor-1016	168.6	118.8	70	47-150	14	40
Aroclor-1260	168.6	128.8	72	38-150	21	37

Surrogate	%REC	Limits
TCMX	76	55-137
Decachlorobiphenyl	82	28-120

RPD= Relative Percent Difference



<b>Lead</b>			
Lab #:	234237	Location:	2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep:	EPA 3050B
Project#:	2145 35TH AVENUE	Analysis:	EPA 6010B
Analyte:	Lead	Batch#:	183562
Matrix:	Soil	Sampled:	02/06/12
Units:	mg/Kg	Received:	02/06/12
Basis:	as received	Prepared:	02/07/12
Diln Fac:	1.000		

Field ID	Type	Lab ID	Result	RL	Analyzed
BH5-1	SAMPLE	234237-006	300	0.27	02/08/12
BH5-5	SAMPLE	234237-007	4.3	0.24	02/08/12
BH5-8	SAMPLE	234237-008	5.3	0.24	02/08/12
BH5-12	SAMPLE	234237-009	5.9	0.23	02/08/12
BH5-30	SAMPLE	234237-011	6.9	0.26	02/08/12
BH9-1	SAMPLE	234237-012	20	0.26	02/08/12
BH9-8	SAMPLE	234237-013	9.4	0.26	02/08/12
BH9-16	SAMPLE	234237-015	4.7	0.26	02/08/12
BH9-30	SAMPLE	234237-017	8.5	0.26	02/08/12
BH10-1	SAMPLE	234237-019	48	0.25	02/08/12
BH10-9	SAMPLE	234237-020	5.3	0.26	02/08/12
BH10-12	SAMPLE	234237-021	3.6	0.25	02/08/12
BH12-1	SAMPLE	234237-024	160	0.23	02/08/12
BH12-5	SAMPLE	234237-025	4.9	0.27	02/08/12
BH12-12	SAMPLE	234237-027	3.7	0.25	02/08/12
BH12-30	SAMPLE	234237-028	4.4	0.25	02/08/12
	BLANK	QC627842	ND	0.25	02/13/12

ND= Not Detected  
 RL= Reporting Limit

California LUFT Metals		
Lab #:	234237	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 3050B
Project#:	2145 35TH AVENUE	Analysis: EPA 6010B
Matrix:	Soil	Sampled: 02/06/12
Units:	mg/Kg	Received: 02/06/12
Basis:	as received	Prepared: 02/07/12
Batch#:	183562	

Field ID: BH5-5 Diln Fac: 1.000  
 Type: SAMPLE Analyzed: 02/08/12  
 Lab ID: 234237-007

Analyte	Result	RL
Cadmium	ND	0.24
Chromium	110	0.24
Lead	4.3	0.24
Nickel	200	0.24
Zinc	34	0.95

Field ID: BH5-8 Diln Fac: 1.000  
 Type: SAMPLE Analyzed: 02/08/12  
 Lab ID: 234237-008

Analyte	Result	RL
Cadmium	ND	0.24
Chromium	110	0.24
Lead	5.3	0.24
Nickel	170	0.24
Zinc	35	0.96

Field ID: BH5-12 Diln Fac: 1.000  
 Type: SAMPLE Analyzed: 02/08/12  
 Lab ID: 234237-009

Analyte	Result	RL
Cadmium	ND	0.23
Chromium	110	0.23
Lead	5.9	0.23
Nickel	240	0.23
Zinc	34	0.92

Field ID: BH5-30 Diln Fac: 1.000  
 Type: SAMPLE Analyzed: 02/08/12  
 Lab ID: 234237-011

Analyte	Result	RL
Cadmium	0.40	0.26
Chromium	44	0.26
Lead	6.9	0.26
Nickel	55	0.26
Zinc	62	1.0

ND= Not Detected  
 RL= Reporting Limit

California LUFT Metals		
Lab #:	234237	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 3050B
Project#:	2145 35TH AVENUE	Analysis: EPA 6010B
Matrix:	Soil	Sampled: 02/06/12
Units:	mg/Kg	Received: 02/06/12
Basis:	as received	Prepared: 02/07/12
Batch#:	183562	

Field ID: BH9-8 Diln Fac: 1.000  
 Type: SAMPLE Analyzed: 02/08/12  
 Lab ID: 234237-013

Analyte	Result	RL
Cadmium	0.28	0.26
Chromium	110	0.26
Lead	9.4	0.26
Nickel	180	0.26
Zinc	39	1.0

Field ID: BH9-16 Diln Fac: 1.000  
 Type: SAMPLE Analyzed: 02/08/12  
 Lab ID: 234237-015

Analyte	Result	RL
Cadmium	ND	0.26
Chromium	73	0.26
Lead	4.7	0.26
Nickel	140	0.26
Zinc	46	1.0

Field ID: BH9-30 Diln Fac: 1.000  
 Type: SAMPLE Analyzed: 02/08/12  
 Lab ID: 234237-017

Analyte	Result	RL
Cadmium	0.34	0.26
Chromium	58	0.26
Lead	8.5	0.26
Nickel	72	0.26
Zinc	65	1.0

Field ID: BH10-9 Diln Fac: 1.000  
 Type: SAMPLE Analyzed: 02/08/12  
 Lab ID: 234237-020

Analyte	Result	RL
Cadmium	0.30	0.26
Chromium	120	0.26
Lead	5.3	0.26
Nickel	360	0.26
Zinc	46	1.0

ND= Not Detected  
 RL= Reporting Limit

California LUFT Metals		
Lab #:	234237	Location: 2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep: EPA 3050B
Project#:	2145 35TH AVENUE	Analysis: EPA 6010B
Matrix:	Soil	Sampled: 02/06/12
Units:	mg/Kg	Received: 02/06/12
Basis:	as received	Prepared: 02/07/12
Batch#:	183562	

Field ID: BH10-12 Diln Fac: 1.000  
 Type: SAMPLE Analyzed: 02/08/12  
 Lab ID: 234237-021

Analyte	Result	RL
Cadmium	ND	0.25
Chromium	110	0.25
Lead	3.6	0.25
Nickel	220	0.25
Zinc	43	0.99

Field ID: BH12-5 Diln Fac: 1.000  
 Type: SAMPLE Analyzed: 02/08/12  
 Lab ID: 234237-025

Analyte	Result	RL
Cadmium	ND	0.27
Chromium	120	0.27
Lead	4.9	0.27
Nickel	210	0.27
Zinc	37	1.1

Field ID: BH12-12 Lab ID: 234237-027  
 Type: SAMPLE

Analyte	Result	RL	Diln Fac	Analyzed
Cadmium	0.67	0.25	1.000	02/08/12
Chromium	810	2.5	10.00	02/10/12
Lead	3.7	0.25	1.000	02/08/12
Nickel	1,000	2.5	10.00	02/10/12
Zinc	36	0.99	1.000	02/08/12

Field ID: BH12-30 Diln Fac: 1.000  
 Type: SAMPLE Analyzed: 02/08/12  
 Lab ID: 234237-028

Analyte	Result	RL
Cadmium	ND	0.25
Chromium	29	0.25
Lead	4.4	0.25
Nickel	40	0.25
Zinc	40	0.99

ND= Not Detected  
 RL= Reporting Limit

California LUFT Metals			
Lab #:	234237	Location:	2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep:	EPA 3050B
Project#:	2145 35TH AVENUE	Analysis:	EPA 6010B
Matrix:	Soil	Sampled:	02/06/12
Units:	mg/Kg	Received:	02/06/12
Basis:	as received	Prepared:	02/07/12
Batch#:	183562		

Type: BLANK Diln Fac: 1.000  
 Lab ID: QC627842

Analyte	Result	RL	Analyzed
Cadmium	ND	0.25	02/10/12
Chromium	ND	0.25	02/10/12
Lead	ND	0.25	02/13/12
Nickel	ND	0.25	02/10/12
Zinc	ND	1.0	02/10/12



**Batch QC Report**

<b>Lead</b>			
Lab #:	234237	Location:	2145 35th Ave.-Salisbury, Oakland, CA
Client:	Eagle Env. Construction	Prep:	EPA 3050B
Project#:	2145 35TH AVENUE	Analysis:	EPA 6010B
Analyte:	Lead	Diln Fac:	1.000
Field ID:	ZZZZZZZZZZ	Batch#:	183562
MSS Lab ID:	234238-001	Sampled:	02/06/12
Matrix:	Soil	Received:	02/06/12
Units:	mg/Kg	Prepared:	02/07/12
Basis:	as received	Analyzed:	02/10/12

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim
BS	QC627843		50.00	49.47	99	80-120		
BSD	QC627844		50.00	49.50	99	80-120	0	20
MS	QC627845	5.536	47.17	41.94	77	57-126		
MSD	QC627846		49.50	43.48	77	57-126	1	43

RPD= Relative Percent Difference

**Batch QC Report**

California LUFT Metals					
Lab #:	234237	Location:	2145 35th Ave.-Salisbury, Oakland, CA		
Client:	Eagle Env. Construction	Prep:	EPA 3050B		
Project#:	2145 35TH AVENUE	Analysis:	EPA 6010B		
Field ID:	ZZZZZZZZZZ	Batch#:	183562		
MSS Lab ID:	234238-001	Sampled:	02/06/12		
Matrix:	Soil	Received:	02/06/12		
Units:	mg/Kg	Prepared:	02/07/12		
Basis:	as received	Analyzed:	02/10/12		
Diln Fac:	1.000				

Type: MS Lab ID: QC627845

Analyte	MSS Result	Spiked	Result	%REC	Limits
Cadmium	0.4373	47.17	38.38	80	72-120
Chromium	55.54	47.17	88.60	70	60-125
Lead	5.536	47.17	41.94	77	57-126
Nickel	53.45	47.17	80.64	58	45-139
Zinc	86.31	47.17	111.6	54	41-148

Type: MSD Lab ID: QC627846

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Cadmium	49.50	40.07	80	72-120	0	30
Chromium	49.50	98.45	87	60-125	8	34
Lead	49.50	43.48	77	57-126	1	43
Nickel	49.50	88.04	70	45-139	6	37
Zinc	49.50	123.6	75	41-148	8	38

RPD= Relative Percent Difference















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2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

Laboratory Job Number 234293
ANALYTICAL REPORT

Eagle Env. Construction Project : 2145 35TH AVENUE
3150 Hilltop Mall Road, Suite 7 Location : SALISBURY AVENUE ASSOCIATES LLC
Richmond, CA 94806 Level : II

Table with 2 columns: Sample ID and Lab ID. Lists 20 samples from BH11-W to BH15-16 with corresponding Lab IDs from 234293-001 to 234293-020.

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

Signature: [Handwritten Signature]
Project Manager

Date: 02/17/2012

NELAP # 01107CA

## CASE NARRATIVE

Laboratory number: 234293  
Client: Eagle Env. Construction  
Project: 2145 35TH AVENUE  
Location: SALISBURY AVENUE ASSOCIATES LLC  
Request Date: 02/08/12  
Samples Received: 02/08/12

This data package contains sample and QC results for thirteen soil samples and four water samples, requested for the above referenced project on 02/08/12. The samples were received cold and intact.

### TPH-Purgeables and/or BTXE by GC (EPA 8015B) Water:

High surrogate recovery was observed for bromofluorobenzene (FID) in the MSD for batch 183668; the parent sample was not a project sample. BH14-W (lab # 234293-003) and BH15-W (lab # 234293-004) were analyzed with more than 1 mL of headspace in the VOA vial. No other analytical problems were encountered.

### TPH-Purgeables and/or BTXE by GC (EPA 8015B) Soil:

No analytical problems were encountered.

### TPH-Extractables by GC (EPA 8015B) Water:

No analytical problems were encountered.

### TPH-Extractables by GC (EPA 8015B) Soil:

No analytical problems were encountered.

### Volatile Organics by GC/MS (EPA 8260B) Water:

High RPD was observed for isopropyl ether (DIPE) in the BS/BSD for batch 183736; this analyte was not detected at or above the RL in the associated sample. BH13-W (lab # 234293-002) had multiple vials combined due to sediment. BH14-W (lab # 234293-003) had multiple vials combined due to sediment. No other analytical problems were encountered.

### Volatile Organics by GC/MS (EPA 8260B) Soil:

Matrix spikes QC628109, QC628110 (batch 183629) were not reported because the parent sample was reanalyzed in another batch. No other analytical problems were encountered.

### Metals (EPA 6010B) Soil:

Matrix spikes QC628204, QC628205 (batch 183649) were not reported because the parent sample was reanalyzed in another batch. No other analytical problems were encountered.

### Metals (EPA 6010B) Filtrate:

Low recovery was observed for cadmium in the MS for batch 183685; the parent sample was not a project sample, the BS/BSD were within limits, and the associated RPD was within limits. No other analytical problems were encountered.











**COOLER RECEIPT CHECKLIST**



Login # 234293 Date Received 2/8/12 Number of coolers 2  
 Client EEC Project SALISBURY AVENUE

Date Opened 2/8/12 By (print) L. CHOI (sign) [Signature]  
 Date Logged in ↓ By (print) ↓ (sign) ↓

1. Did cooler come with a shipping slip (airbill, etc) \_\_\_\_\_ YES  NO   
 Shipping info \_\_\_\_\_

2A. Were custody seals present? ....  YES (circle) on cooler on samples  NO  
 How many \_\_\_\_\_ Name \_\_\_\_\_ Date \_\_\_\_\_

2B. Were custody seals intact upon arrival? \_\_\_\_\_ YES NO  N/A

3. Were custody papers dry and intact when received? \_\_\_\_\_ YES NO

4. Were custody papers filled out properly (ink, signed, etc)? \_\_\_\_\_ YES NO

5. Is the project identifiable from custody papers? (If so fill out top of form) \_\_\_\_\_ YES NO

6. Indicate the packing in cooler: (if other, describe) \_\_\_\_\_

- Bubble Wrap  Foam blocks  Bags  None
- Cloth material  Cardboard  Styrofoam  Paper towels

7. Temperature documentation: \* Notify PM if temperature exceeds 6°C

Type of ice used:  Wet  Blue/Gel  None Temp(°C) \_\_\_\_\_

Samples Received on ice & cold without a temperature blank; temp. taken with IR gun

Samples received on ice directly from the field. Cooling process had begun

8. Were Method 5035 sampling containers present? \_\_\_\_\_ YES  NO   
 If YES, what time were they transferred to freezer? \_\_\_\_\_

9. Did all bottles arrive unbroken/unopened? \_\_\_\_\_ YES  NO

10. Are there any missing / extra samples? \_\_\_\_\_ YES  NO

11. Are samples in the appropriate containers for indicated tests? \_\_\_\_\_ YES  NO

12. Are sample labels present, in good condition and complete? \_\_\_\_\_ YES  NO

13. Do the sample labels agree with custody papers? \_\_\_\_\_ YES  NO

14. Was sufficient amount of sample sent for tests requested? \_\_\_\_\_ YES  NO

15. Are the samples appropriately preserved? \_\_\_\_\_ YES  NO  N/A

16. Did you check preservatives for all bottles for each sample? \_\_\_\_\_ YES  NO  N/A

17. Did you document your preservative check? \_\_\_\_\_ YES  NO  N/A

18. Did you change the hold time in LIMS for unpreserved VOAs? \_\_\_\_\_ YES  NO  N/A

19. Did you change the hold time in LIMS for preserved terracores? \_\_\_\_\_ YES  NO  N/A

20. Are bubbles > 6mm absent in VOA samples? \_\_\_\_\_ YES  NO  N/A

21. Was the client contacted concerning this sample delivery? \_\_\_\_\_ YES  NO   
 If YES, Who was called? \_\_\_\_\_ By \_\_\_\_\_ Date: \_\_\_\_\_

COMMENTS  
HEAVY SEDIMENTS FOR WATER SAMPLES.  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_





## Batch QC Report

Total Volatile Hydrocarbons		
Lab #:	234293	Location: SALISBURY AVENUE ASSOCIATES LLC
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8015B
Type:	LCS	Diln Fac: 1.000
Lab ID:	QC628279	Batch#: 183668
Matrix:	Water	Analyzed: 02/10/12
Units:	ug/L	

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	1,000	1,108	111	79-120

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	110	76-121

**Batch QC Report**

<b>Total Volatile Hydrocarbons</b>			
Lab #:	234293	Location:	SALISBURY AVENUE ASSOCIATES LLC
Client:	Eagle Env. Construction	Prep:	EPA 5030B
Project#:	2145 35TH AVENUE	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Batch#:	183668
MSS Lab ID:	234317-001	Sampled:	02/09/12
Matrix:	Water	Received:	02/09/12
Units:	ug/L	Analyzed:	02/10/12
Diln Fac:	1.000		

Type: MS Lab ID: QC628281

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	106.8	2,000	1,966	93	68-120

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	115	76-121

Type: MSD Lab ID: QC628282

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2,000	2,131	101	68-120	8	21

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	128 *	76-121

\*= Value outside of QC limits; see narrative

RPD= Relative Percent Difference



## Batch QC Report

Total Volatile Hydrocarbons		
Lab #:	234293	Location: SALISBURY AVENUE ASSOCIATES LLC
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8015B
Type:	LCS	Diln Fac: 1.000
Lab ID:	QC628446	Batch#: 183709
Matrix:	Water	Analyzed: 02/13/12
Units:	ug/L	

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	1,000	1,019	102	79-120

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	115	76-121

Batch QC Report

Total Volatile Hydrocarbons			
Lab #:	234293	Location:	SALISBURY AVENUE ASSOCIATES LLC
Client:	Eagle Env. Construction	Prep:	EPA 5030B
Project#:	2145 35TH AVENUE	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Batch#:	183709
MSS Lab ID:	234317-002	Sampled:	02/09/12
Matrix:	Water	Received:	02/09/12
Units:	ug/L	Analyzed:	02/14/12
Diln Fac:	1.000		

Type: MS Lab ID: QC628448

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	11.54	2,000	1,947	97	68-120

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	94	76-121

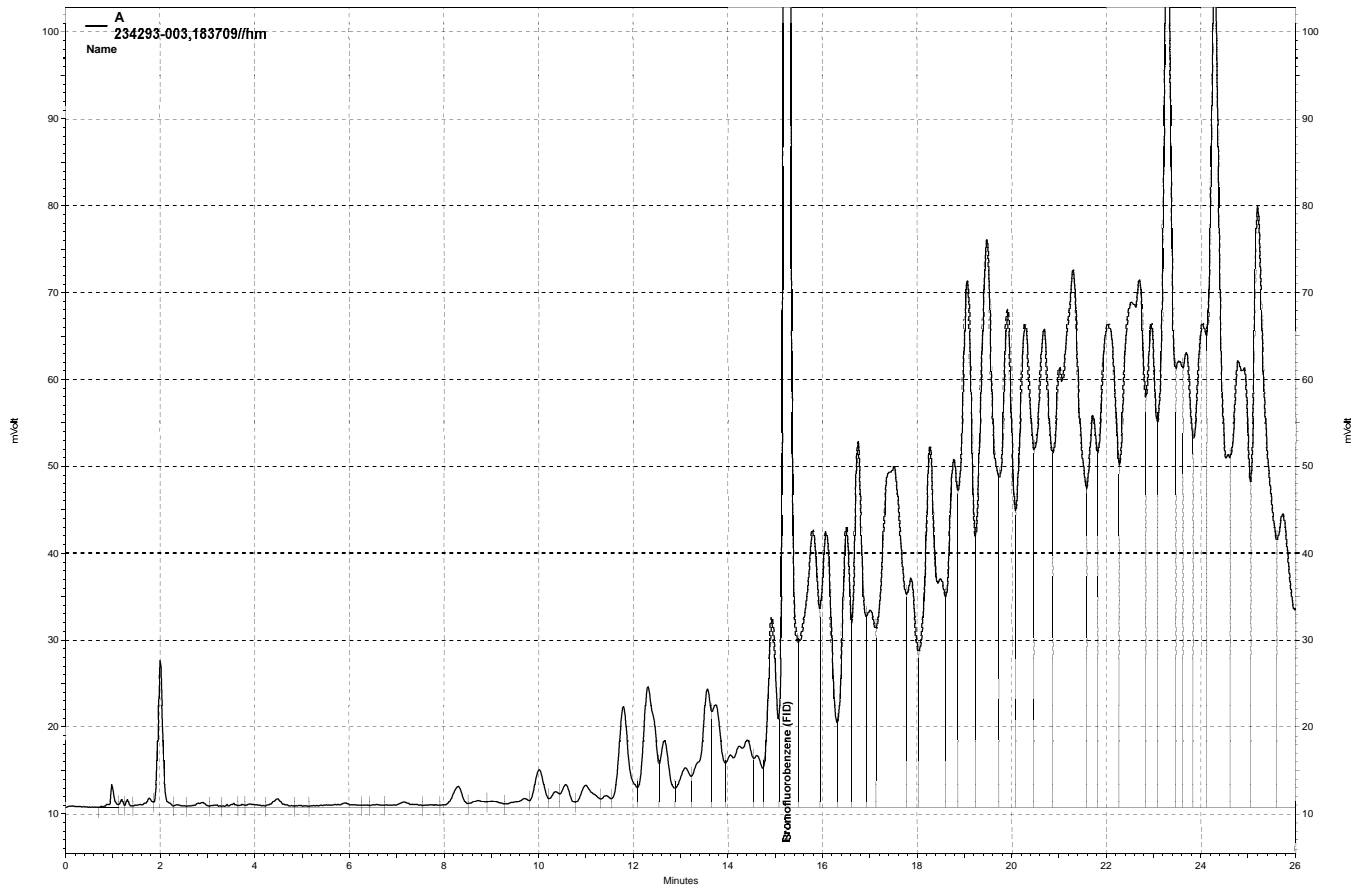
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Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2,000	1,651	82	68-120	16	21

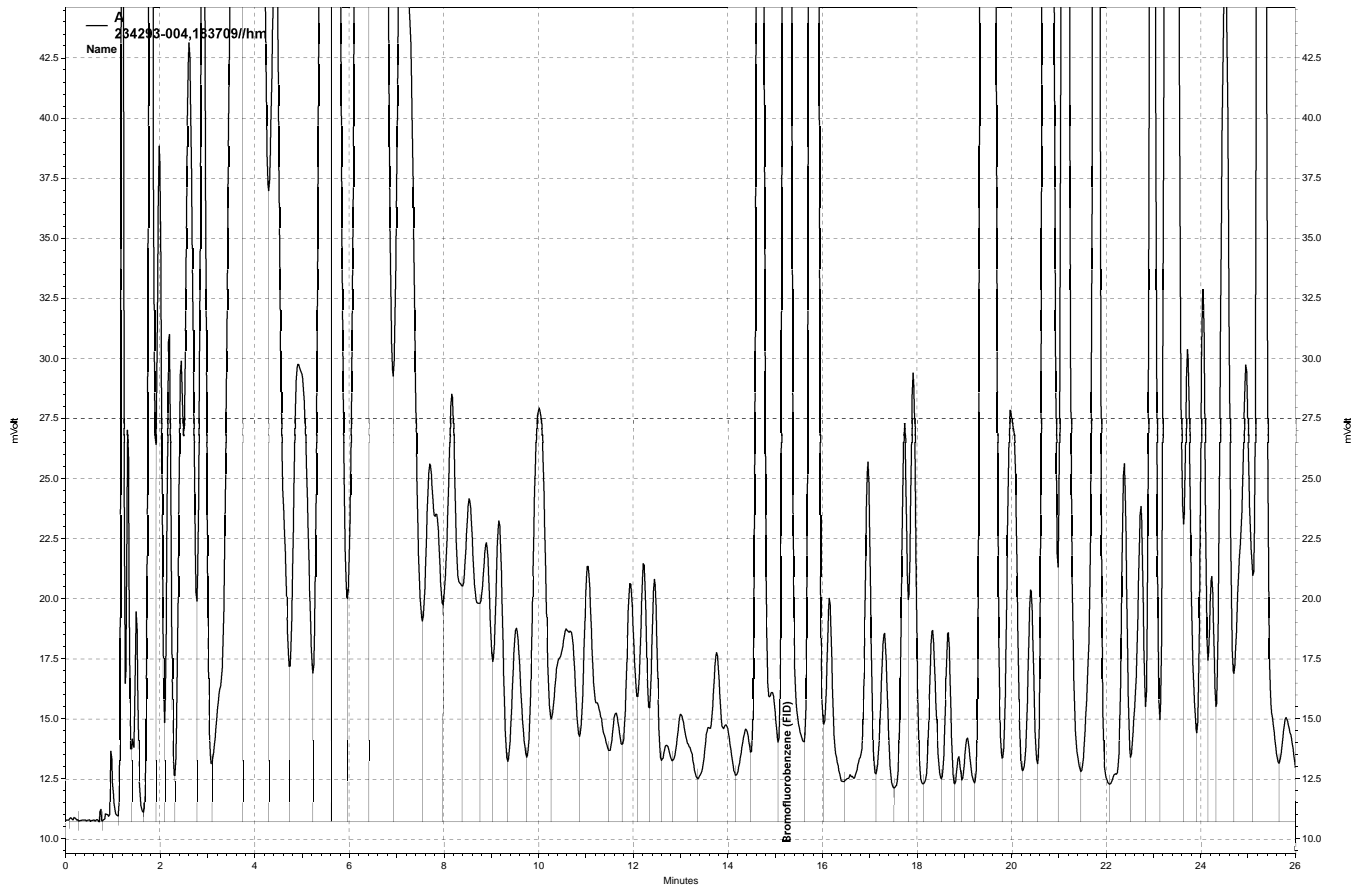
  

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	96	76-121

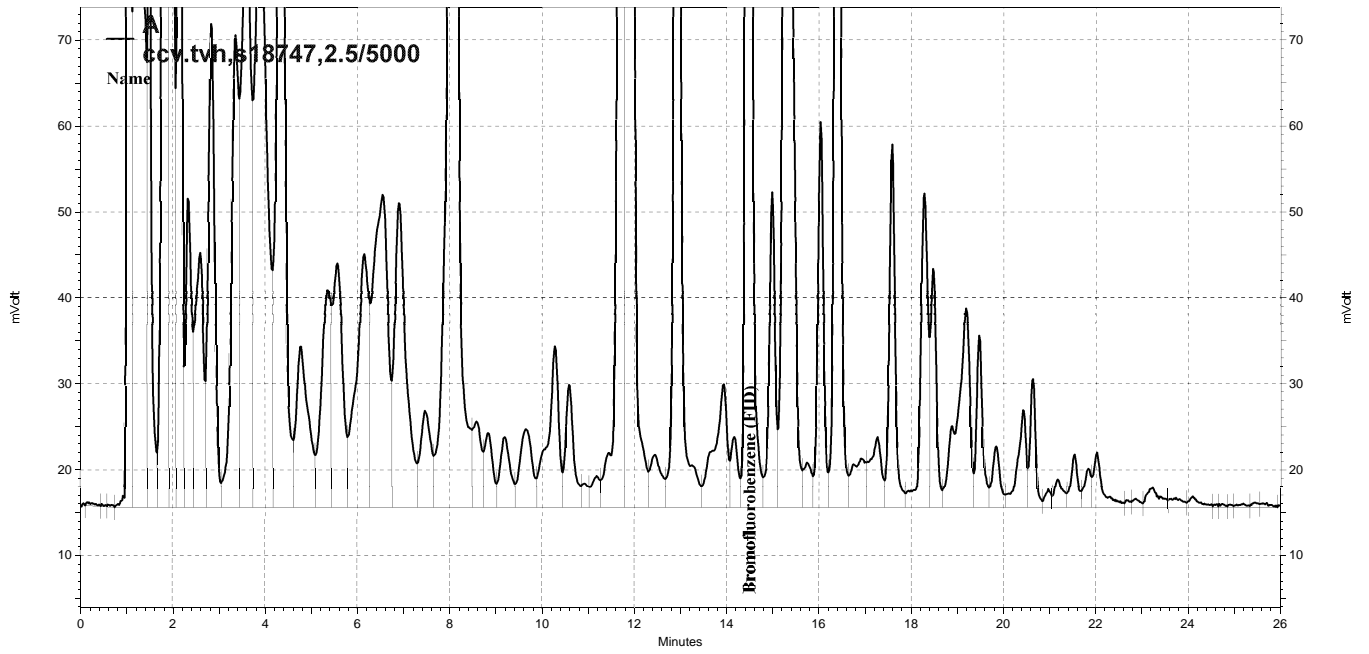
RPD= Relative Percent Difference



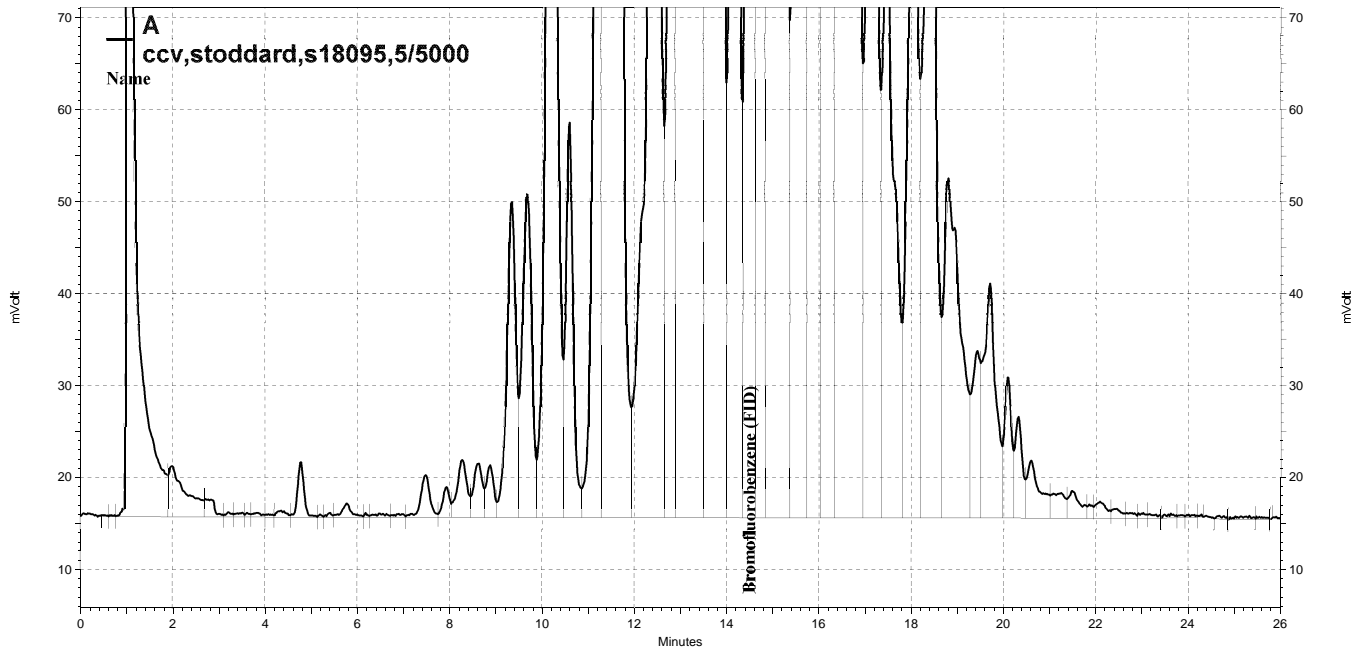
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Total Volatile Hydrocarbons		
Lab #:	234293	Location: SALISBURY AVENUE ASSOCIATES LLC
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8015B
Matrix:	Soil	Sampled: 02/08/12
Units:	mg/Kg	Received: 02/08/12
Basis:	as received	

Field ID: BH11-8 Diln Fac: 1.000  
 Type: SAMPLE Batch#: 183672  
 Lab ID: 234293-006 Analyzed: 02/10/12

Analyte	Result	RL
Gasoline C7-C12	ND	1.0
Stoddard Solvent C7-C12	ND	1.0

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	92	61-136

Field ID: BH11-12 Diln Fac: 1.000  
 Type: SAMPLE Batch#: 183672  
 Lab ID: 234293-007 Analyzed: 02/10/12

Analyte	Result	RL
Gasoline C7-C12	ND	0.94
Stoddard Solvent C7-C12	ND	0.94

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	90	61-136

Field ID: BH13-5 Diln Fac: 1.000  
 Type: SAMPLE Batch#: 183672  
 Lab ID: 234293-010 Analyzed: 02/10/12

Analyte	Result	RL
Gasoline C7-C12	ND	1.1
Stoddard Solvent C7-C12	ND	1.1

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	90	61-136

Field ID: BH13-8 Diln Fac: 1.000  
 Type: SAMPLE Batch#: 183672  
 Lab ID: 234293-011 Analyzed: 02/10/12

Analyte	Result	RL
Gasoline C7-C12	ND	1.0
Stoddard Solvent C7-C12	ND	1.0

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	89	61-136

Y= Sample exhibits chromatographic pattern which does not resemble standard  
 ND= Not Detected  
 RL= Reporting Limit

Total Volatile Hydrocarbons		
Lab #:	234293	Location: SALISBURY AVENUE ASSOCIATES LLC
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8015B
Matrix:	Soil	Sampled: 02/08/12
Units:	mg/Kg	Received: 02/08/12
Basis:	as received	

Field ID: BH14-8 Diln Fac: 1.000  
 Type: SAMPLE Batch#: 183672  
 Lab ID: 234293-014 Analyzed: 02/10/12

Analyte	Result	RL
Gasoline C7-C12	ND	0.93
Stoddard Solvent C7-C12	ND	0.93

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	89	61-136

Field ID: BH15-4 Diln Fac: 1.000  
 Type: SAMPLE Batch#: 183672  
 Lab ID: 234293-017 Analyzed: 02/10/12

Analyte	Result	RL
Gasoline C7-C12	ND	0.95
Stoddard Solvent C7-C12	ND	0.95

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	91	61-136

Field ID: BH15-8 Diln Fac: 1.000  
 Type: SAMPLE Batch#: 183672  
 Lab ID: 234293-018 Analyzed: 02/10/12

Analyte	Result	RL
Gasoline C7-C12	ND	1.1
Stoddard Solvent C7-C12	ND	1.1

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	89	61-136

Field ID: BH15-12 Diln Fac: 500.0  
 Type: SAMPLE Batch#: 183723  
 Lab ID: 234293-019 Analyzed: 02/13/12

Analyte	Result	RL
Gasoline C7-C12	960 Y	100
Stoddard Solvent C7-C12	810 Y	100

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	108	61-136

Y= Sample exhibits chromatographic pattern which does not resemble standard  
 ND= Not Detected  
 RL= Reporting Limit



Total Volatile Hydrocarbons		
Lab #:	234293	Location: SALISBURY AVENUE ASSOCIATES LLC
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8015B
Matrix:	Soil	Sampled: 02/08/12
Units:	mg/Kg	Received: 02/08/12
Basis:	as received	

Field ID: BH15-16 Diln Fac: 1.000  
 Type: SAMPLE Batch#: 183672  
 Lab ID: 234293-020 Analyzed: 02/11/12

Analyte	Result	RL
Gasoline C7-C12	ND	1.1
Stoddard Solvent C7-C12	ND	1.1

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	93	61-136

Type: BLANK Batch#: 183672  
 Lab ID: QC628296 Analyzed: 02/10/12  
 Diln Fac: 1.000

Analyte	Result	RL
Gasoline C7-C12	ND	1.0
Stoddard Solvent C7-C12	ND	1.0

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	90	61-136

Type: BLANK Batch#: 183723  
 Lab ID: QC628489 Analyzed: 02/13/12  
 Diln Fac: 1.000

Analyte	Result	RL
Gasoline C7-C12	ND	0.20
Stoddard Solvent C7-C12	ND	0.20

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	87	61-136

Y= Sample exhibits chromatographic pattern which does not resemble standard  
 ND= Not Detected  
 RL= Reporting Limit

## Batch QC Report

Total Volatile Hydrocarbons		
Lab #:	234293	Location: SALISBURY AVENUE ASSOCIATES LLC
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8015B
Type:	LCS	Diln Fac: 1.000
Lab ID:	QC628295	Batch#: 183672
Matrix:	Soil	Analyzed: 02/10/12
Units:	mg/Kg	

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	1.000	1.008	101	79-120

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	92	61-136

## Batch QC Report

Total Volatile Hydrocarbons					
Lab #:	234293	Location:	SALISBURY AVENUE ASSOCIATES LLC		
Client:	Eagle Env. Construction	Prep:	EPA 5030B		
Project#:	2145 35TH AVENUE	Analysis:	EPA 8015B		
Field ID:	ZZZZZZZZZZ	Diln Fac:	1.000		
MSS Lab ID:	234340-001	Batch#:	183672		
Matrix:	Soil	Sampled:	02/10/12		
Units:	mg/Kg	Received:	02/10/12		
Basis:	as received	Analyzed:	02/11/12		

Type: MS Lab ID: QC628297

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	0.3313	10.75	9.300	83	31-120

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	90	61-136

Type: MSD Lab ID: QC628298

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	9.524	8.159	82	31-120	1	57

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	93	61-136

RPD= Relative Percent Difference

## Batch QC Report

Total Volatile Hydrocarbons		
Lab #:	234293	Location: SALISBURY AVENUE ASSOCIATES LLC
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8015B
Matrix:	Soil	Batch#: 183723
Units:	mg/Kg	Analyzed: 02/13/12
Diln Fac:	1.000	

Type: BS Lab ID: QC628487

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	1.000	1.007	101	79-120

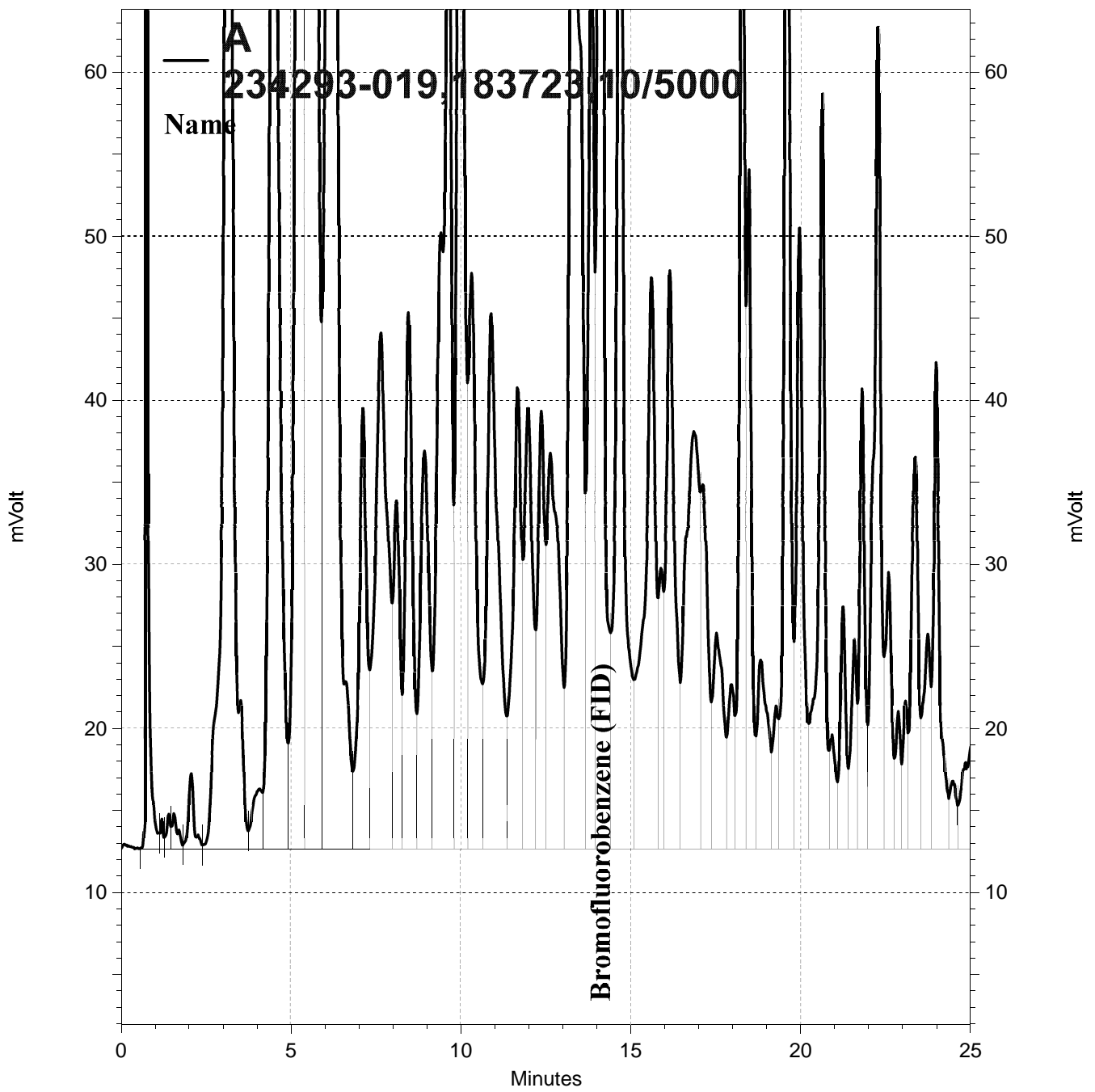
Surrogate	%REC	Limits
Bromofluorobenzene (FID)	87	61-136

Type: BSD Lab ID: QC628488

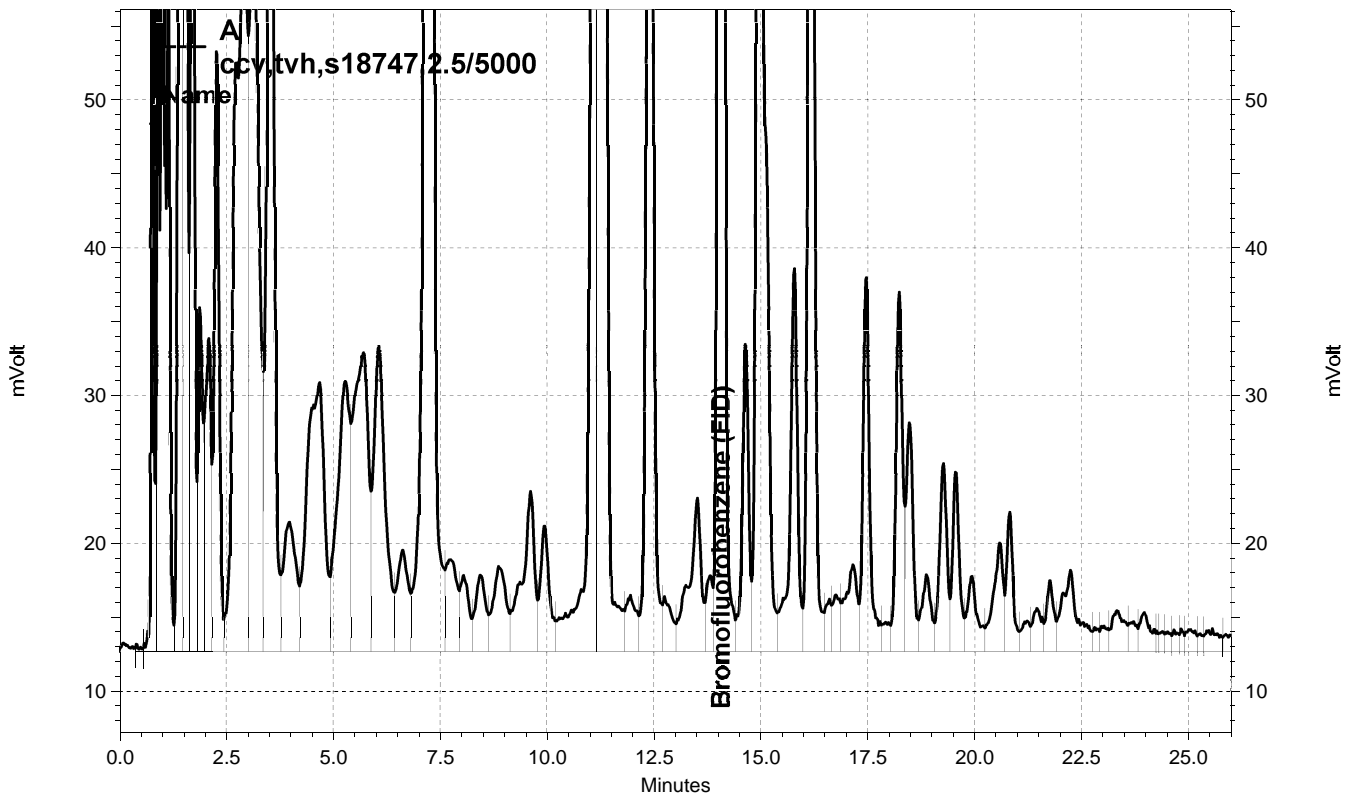
Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	1.000	0.9114	91	79-120	10	22

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	90	61-136

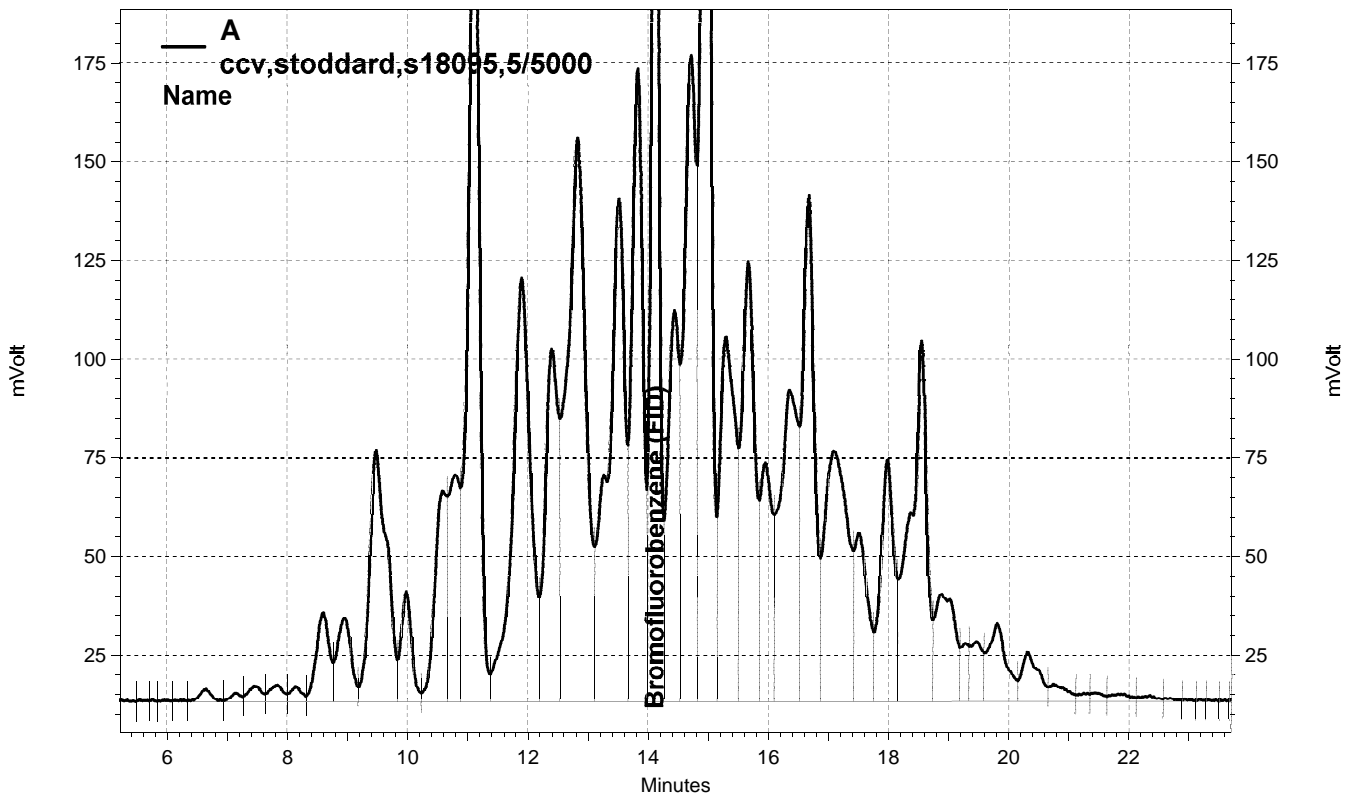
RPD= Relative Percent Difference



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Total Extractable Hydrocarbons		
Lab #:	234293	Location: SALISBURY AVENUE ASSOCIATES LLC
Client:	Eagle Env. Construction	Prep: EPA 3520C
Project#:	2145 35TH AVENUE	Analysis: EPA 8015B
Matrix:	Water	Sampled: 02/08/12
Units:	ug/L	Received: 02/08/12
Diln Fac:	1.000	Prepared: 02/09/12
Batch#:	183632	

Field ID: BH15-W                      Lab ID: 234293-004  
 Type: SAMPLE                      Analyzed: 02/12/12

Analyte	Result	RL
Diesel C10-C24	1,600 Y	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
o-Terphenyl	89	61-129

Type: BLANK                      Analyzed: 02/10/12  
 Lab ID: QC628122

Analyte	Result	RL
Diesel C10-C24	ND	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
o-Terphenyl	106	61-129

Y= Sample exhibits chromatographic pattern which does not resemble standard  
 ND= Not Detected  
 RL= Reporting Limit

## Batch QC Report

Total Extractable Hydrocarbons		
Lab #:	234293	Location: SALISBURY AVENUE ASSOCIATES LLC
Client:	Eagle Env. Construction	Prep: EPA 3520C
Project#:	2145 35TH AVENUE	Analysis: EPA 8015B
Matrix:	Water	Batch#: 183632
Units:	ug/L	Prepared: 02/09/12
Diln Fac:	1.000	Analyzed: 02/10/12

Type: BS Cleanup Method: EPA 3630C  
 Lab ID: QC628123

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	2,500	2,571	103	59-120

Surrogate	%REC	Limits
o-Terphenyl	113	61-129

Type: BSD Cleanup Method: EPA 3630C  
 Lab ID: QC628124

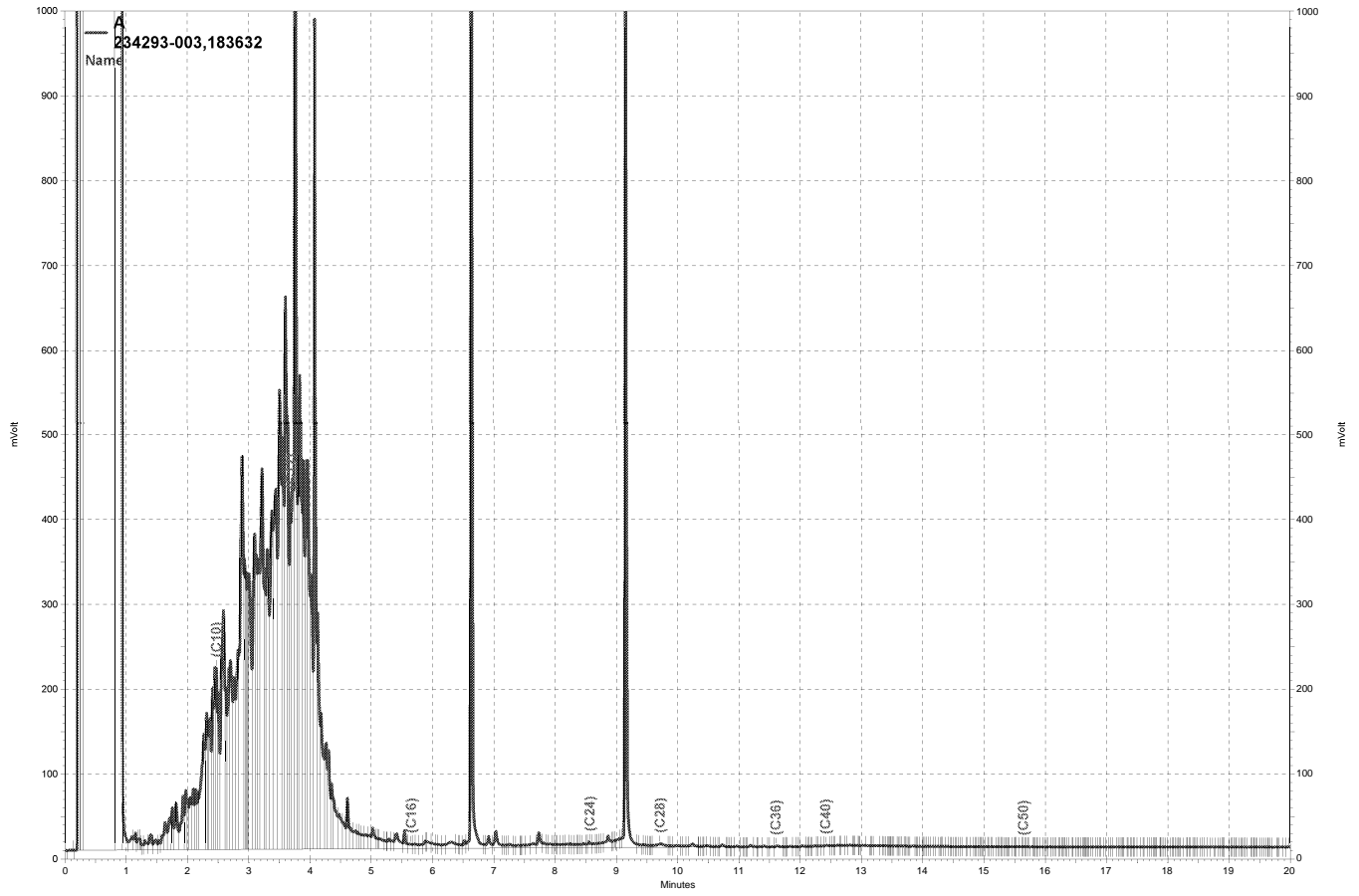
Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	2,500	2,555	102	59-120	1	52

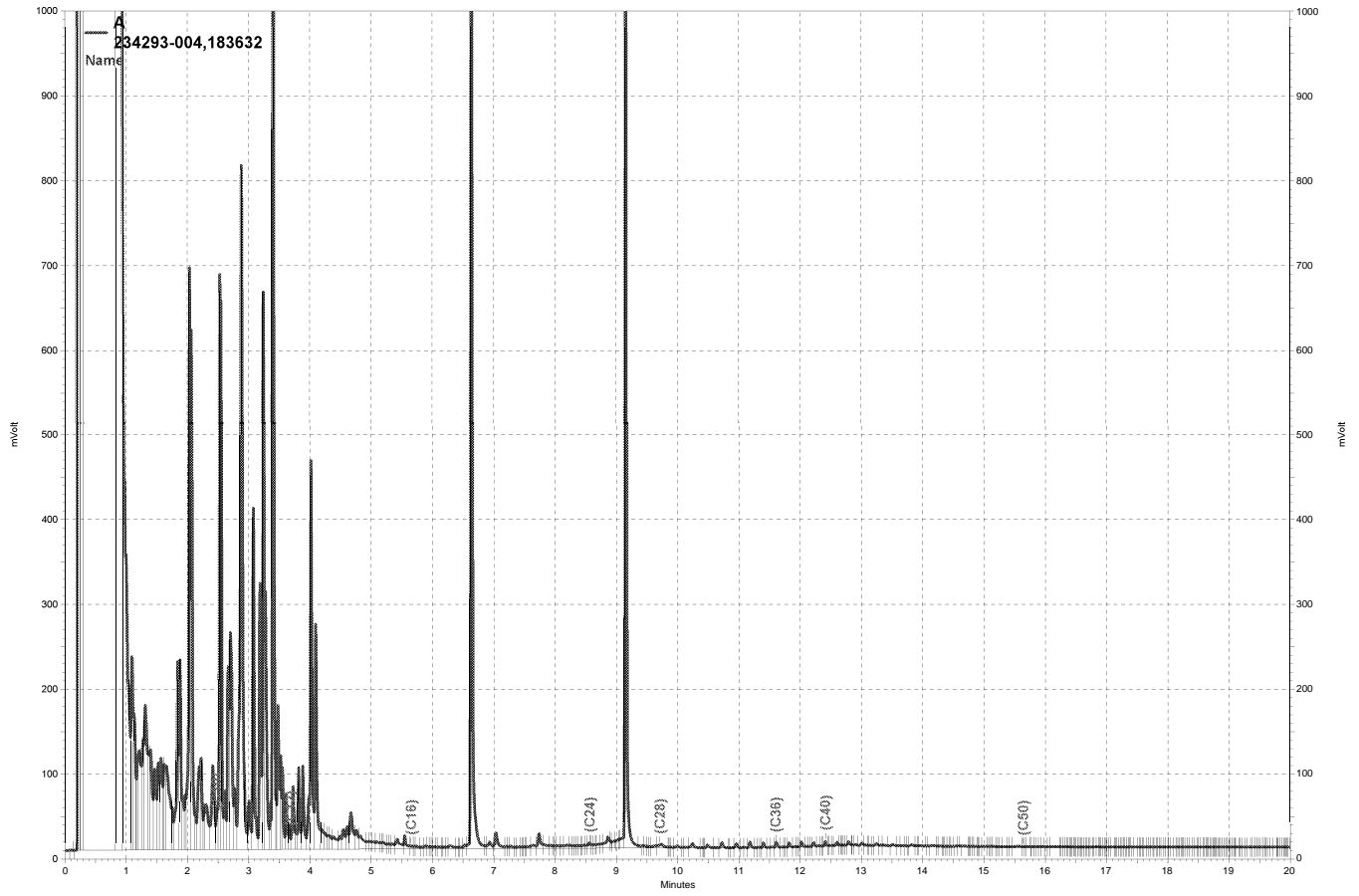
Surrogate	%REC	Limits
o-Terphenyl	111	61-129

RPD= Relative Percent Difference

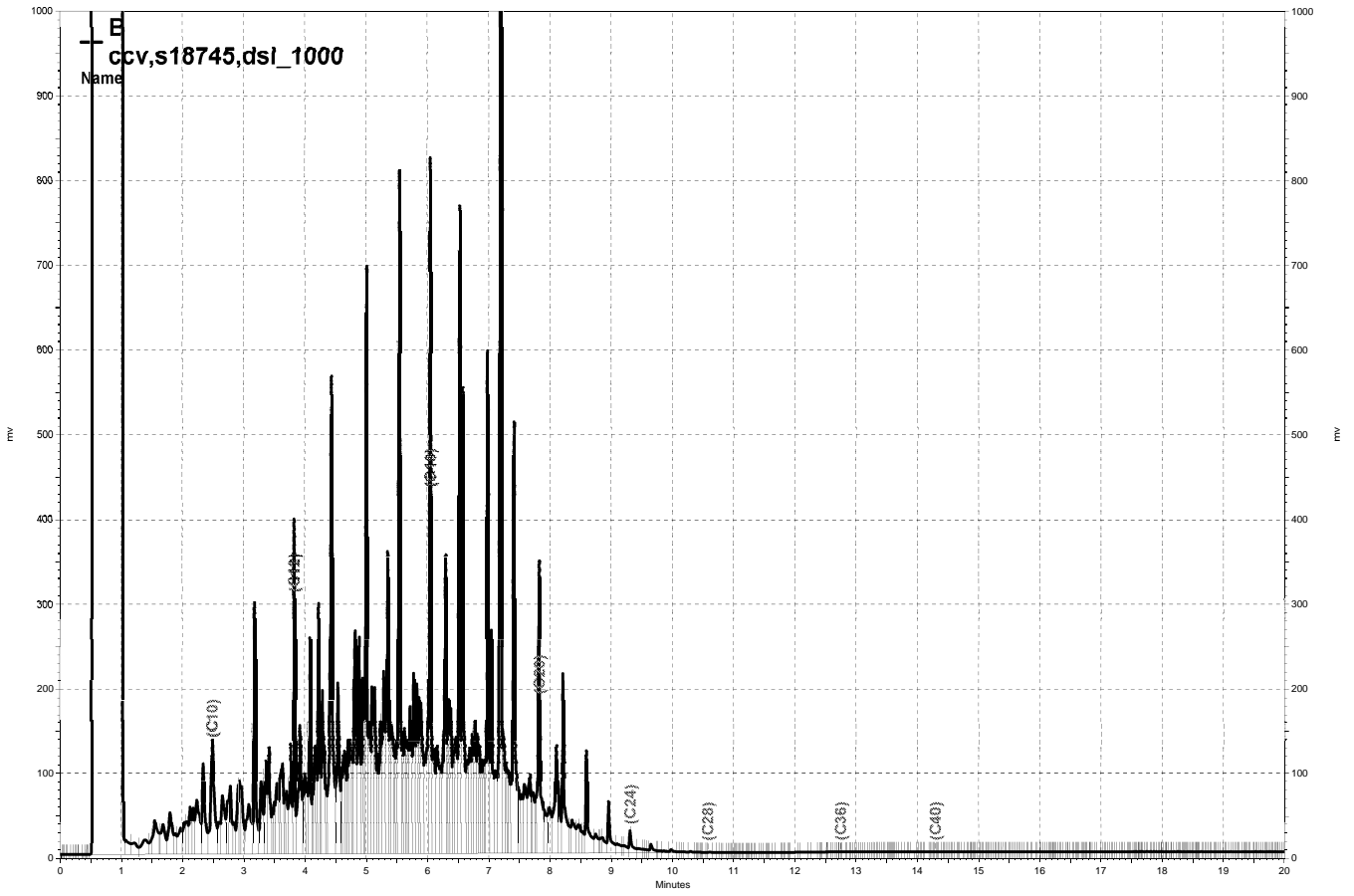




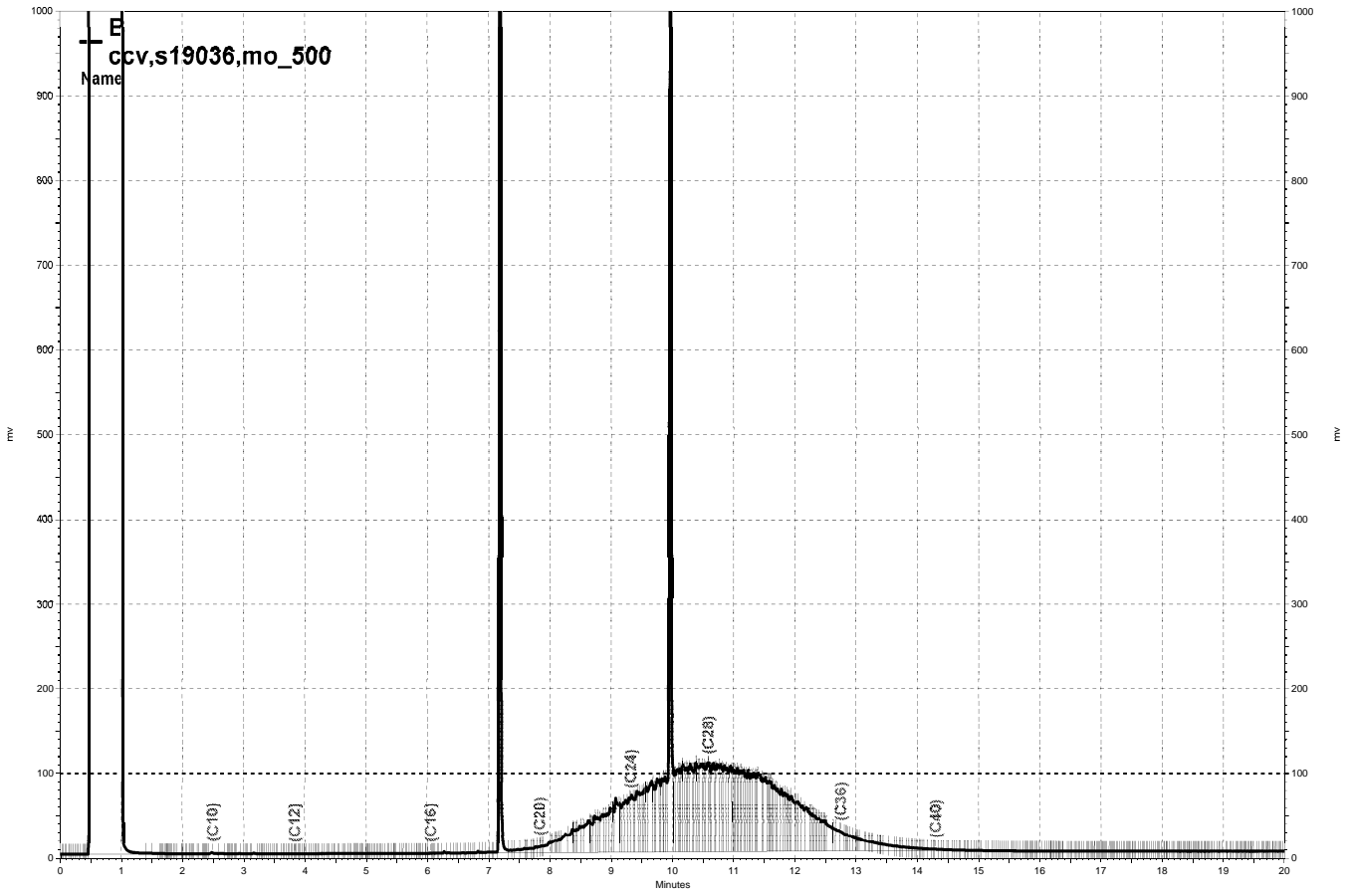
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## Batch QC Report

Total Extractable Hydrocarbons				
Lab #:	234293	Location:	SALISBURY AVENUE ASSOCIATES LLC	
Client:	Eagle Env. Construction	Prep:	SHAKER TABLE	
Project#:	2145 35TH AVENUE	Analysis:	EPA 8015B	
Type:	LCS	Diln Fac:	1.000	
Lab ID:	QC628078	Batch#:	183619	
Matrix:	Soil	Prepared:	02/09/12	
Units:	mg/Kg	Analyzed:	02/09/12	

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	50.46	38.85	77	47-132

Surrogate	%REC	Limits
o-Terphenyl	83	49-128

## Batch QC Report

Total Extractable Hydrocarbons			
Lab #:	234293	Location:	SALISBURY AVENUE ASSOCIATES LLC
Client:	Eagle Env. Construction	Prep:	SHAKER TABLE
Project#:	2145 35TH AVENUE	Analysis:	EPA 8015B
Field ID:	BH13-5	Batch#:	183619
MSS Lab ID:	234293-010	Sampled:	02/08/12
Matrix:	Soil	Received:	02/08/12
Units:	mg/Kg	Prepared:	02/09/12
Basis:	as received	Analyzed:	02/09/12
Diln Fac:	1.000		

Type: MS Lab ID: QC628079

Analyte	MSS Result	Spiked	Result	%REC	Limits
Diesel C10-C24	0.6708	50.17	31.41	61	32-143

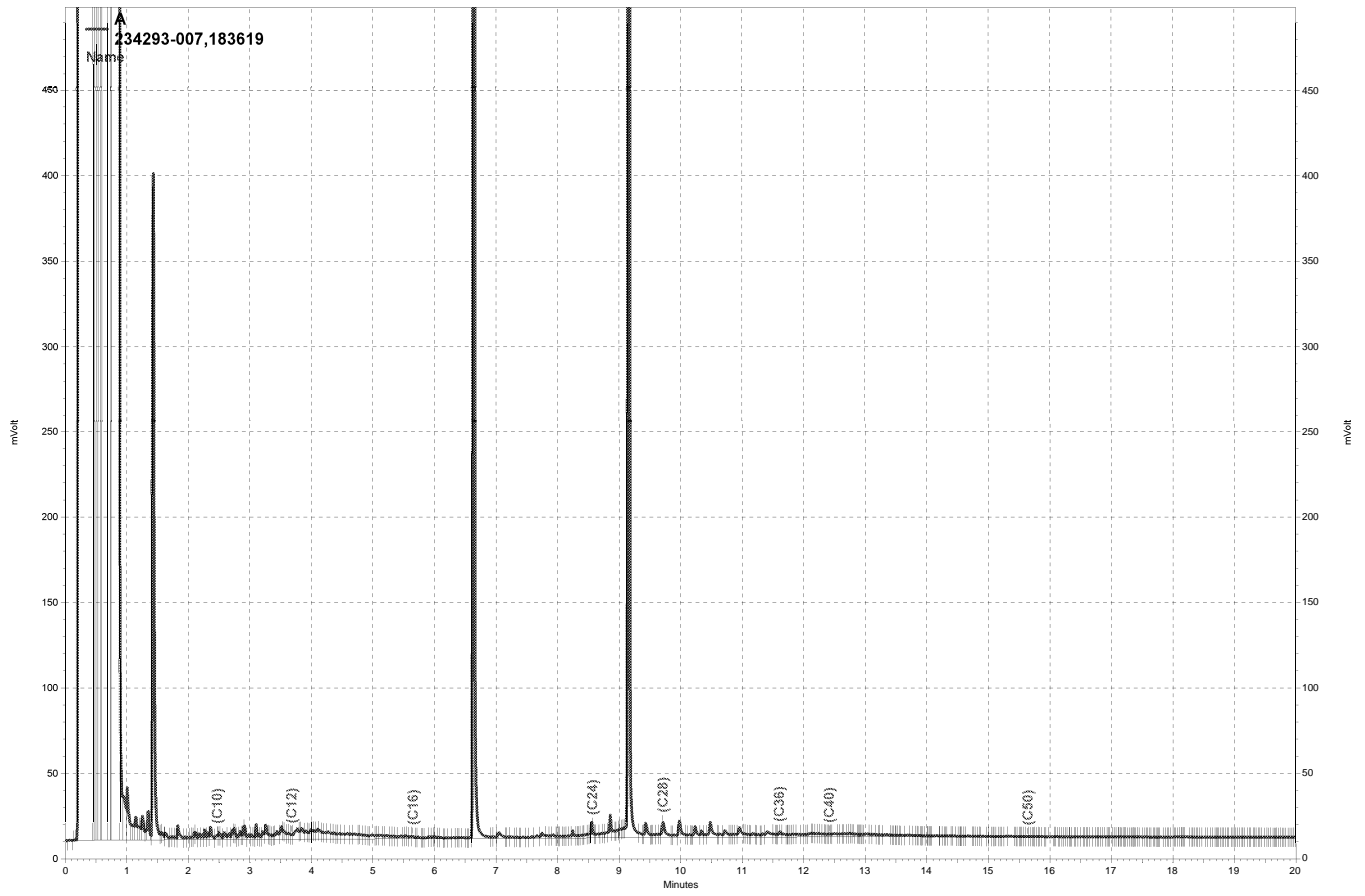
Surrogate	%REC	Limits
o-Terphenyl	63	49-128

Type: MSD Lab ID: QC628080

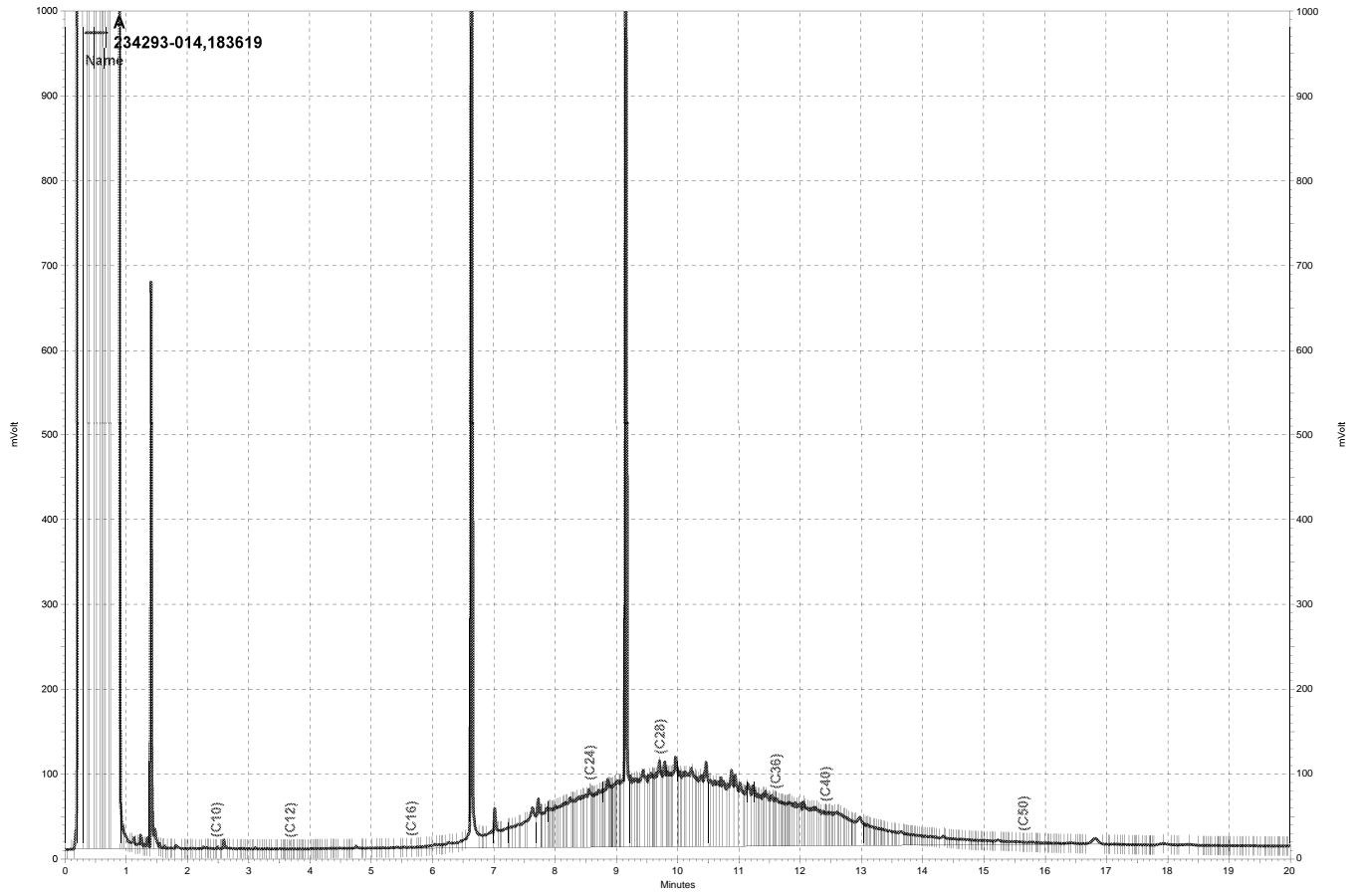
Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	50.08	44.45	87	32-143	35	54

Surrogate	%REC	Limits
o-Terphenyl	91	49-128

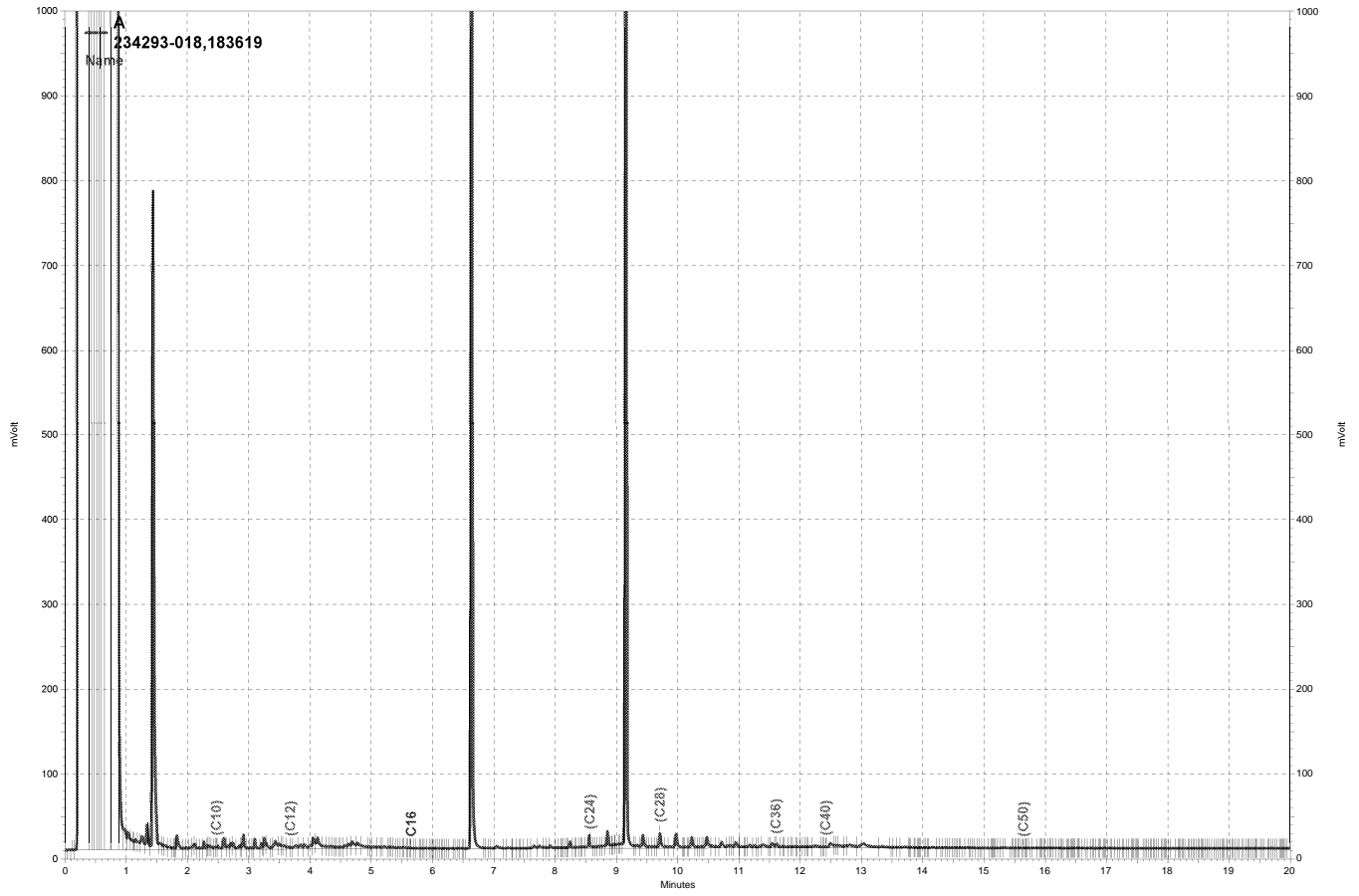
RPD= Relative Percent Difference



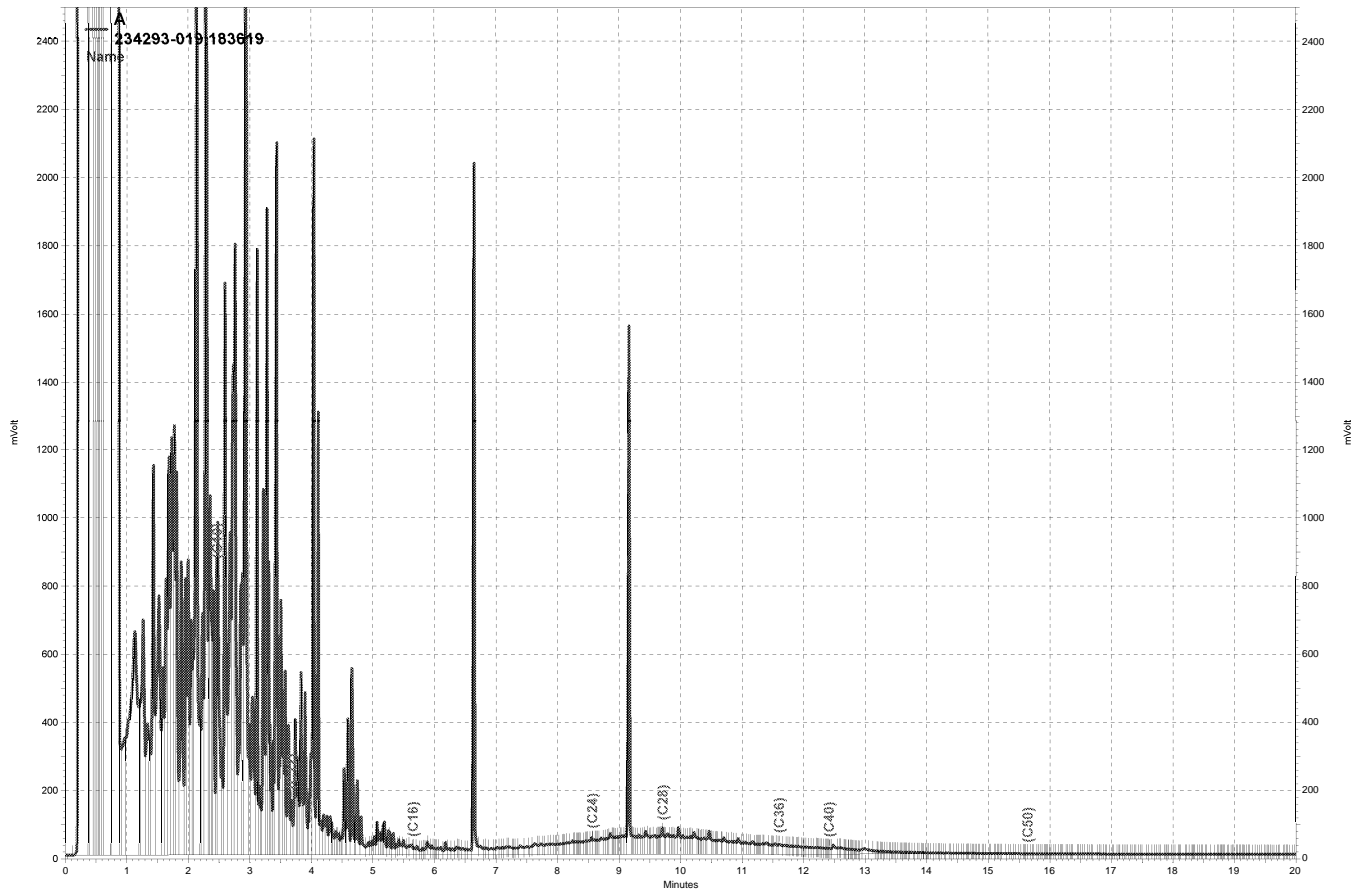
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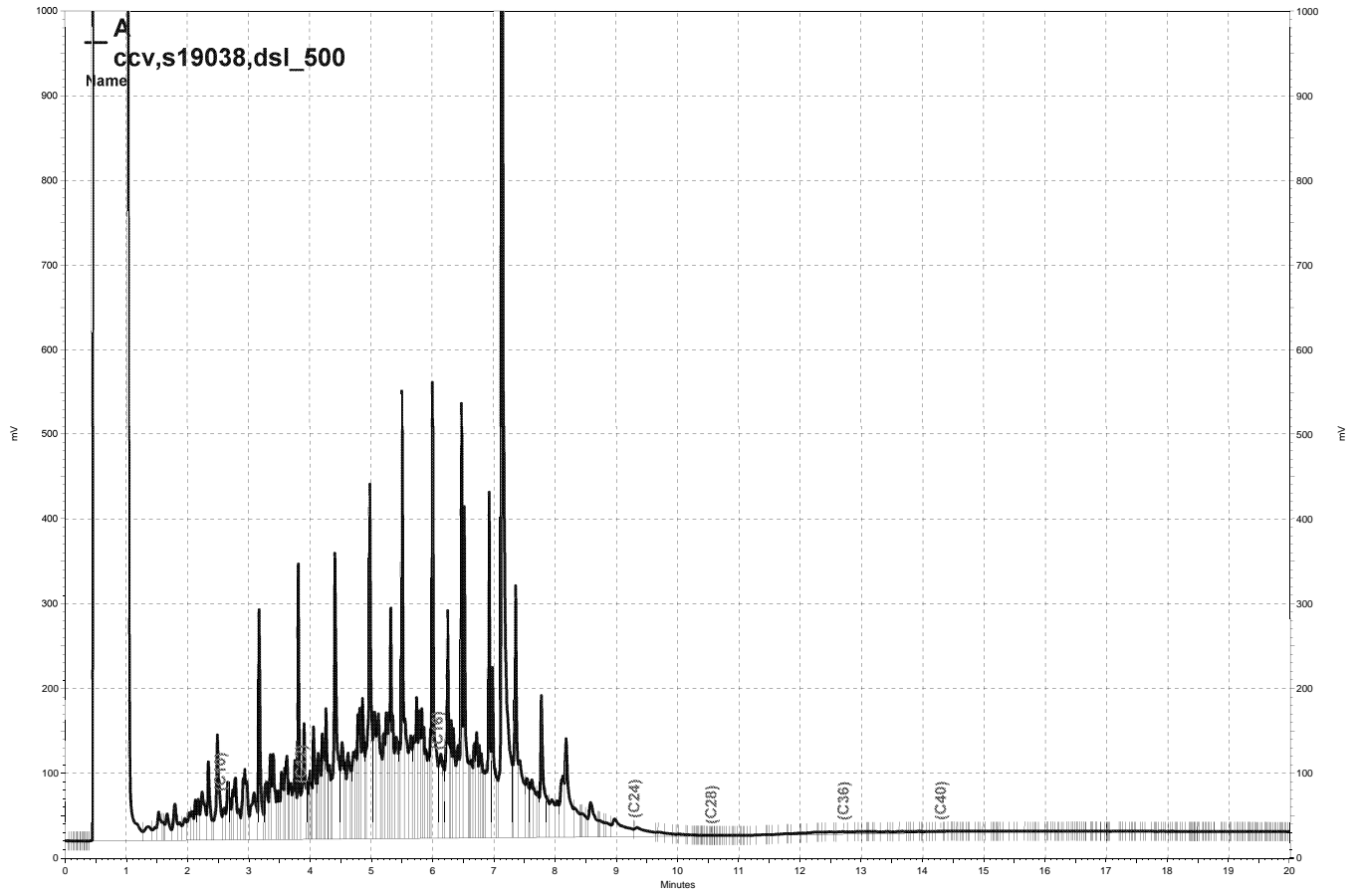


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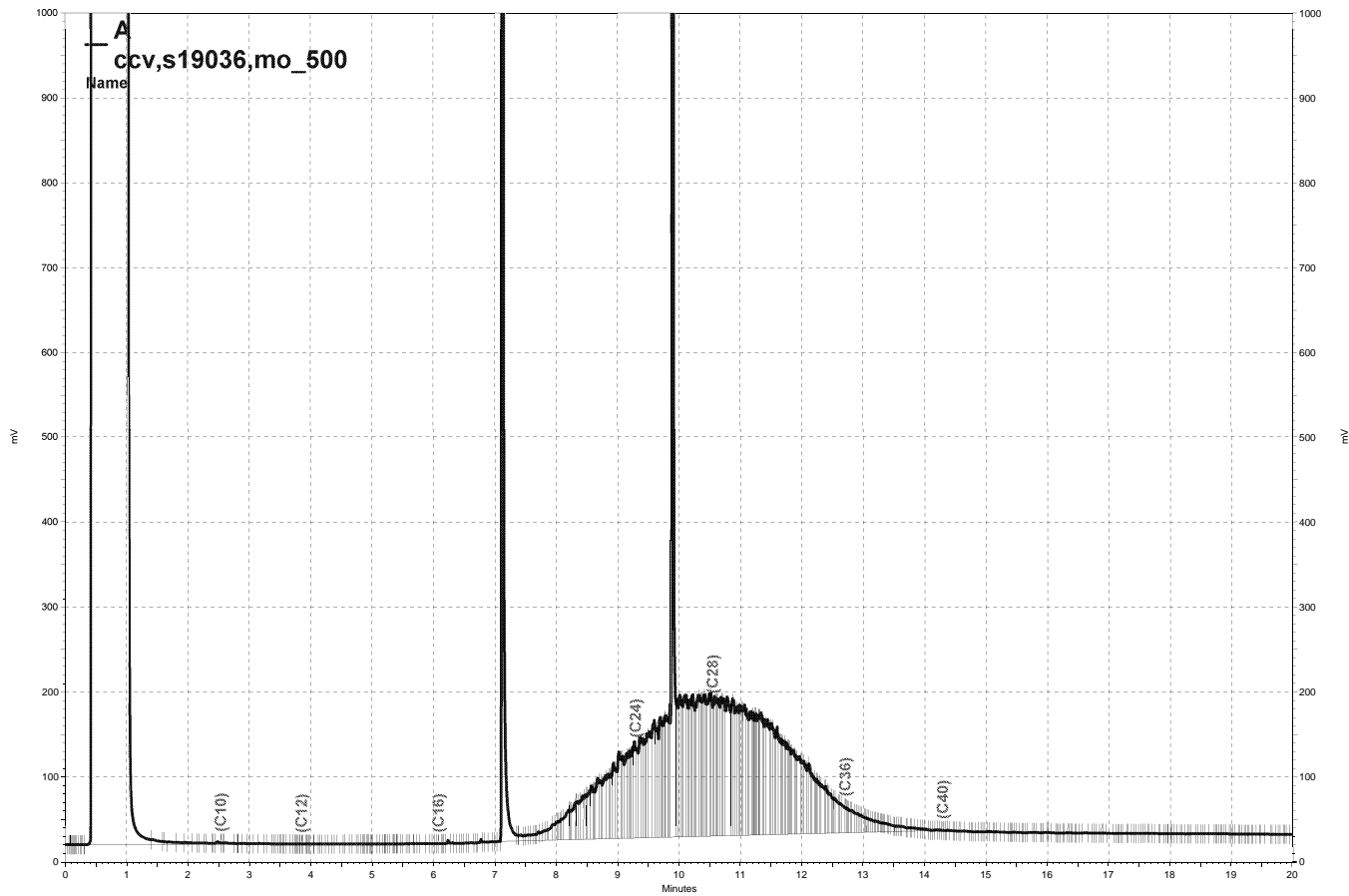


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Volatile Organics		
Lab #:	234293	Location: SALISBURY AVENUE ASSOCIATES LLC
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	BH11-W	Batch#: 183680
Lab ID:	234293-001	Sampled: 02/08/12
Matrix:	Water	Received: 02/08/12
Units:	ug/L	Analyzed: 02/12/12
Diln Fac:	1.000	

Analyte	Result	RL
Freon 12	ND	1.0
tert-Butyl Alcohol (TBA)	ND	10
Chloromethane	ND	1.0
Isopropyl Ether (DIPE)	ND	0.5
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
Chloroethane	ND	1.0
Methyl tert-Amyl Ether (TAME)	ND	0.5
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	2.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics		
Lab #:	234293	Location: SALISBURY AVENUE ASSOCIATES LLC
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	BH11-W	Batch#: 183680
Lab ID:	234293-001	Sampled: 02/08/12
Matrix:	Water	Received: 02/08/12
Units:	ug/L	Analyzed: 02/12/12
Diln Fac:	1.000	

Analyte	Result	RL
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	2.0
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	100	80-125
1,2-Dichloroethane-d4	122	69-145
Toluene-d8	109	80-120
Bromofluorobenzene	96	80-120

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics		
Lab #:	234293	Location: SALISBURY AVENUE ASSOCIATES LLC
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	BH13-W	Batch#: 183680
Lab ID:	234293-002	Sampled: 02/08/12
Matrix:	Water	Received: 02/08/12
Units:	ug/L	Analyzed: 02/12/12
Diln Fac:	1.000	

Analyte	Result	RL
Freon 12	ND	1.0
tert-Butyl Alcohol (TBA)	ND	10
Chloromethane	ND	1.0
Isopropyl Ether (DIPE)	ND	0.5
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
Chloroethane	ND	1.0
Methyl tert-Amyl Ether (TAME)	ND	0.5
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	2.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics		
Lab #:	234293	Location: SALISBURY AVENUE ASSOCIATES LLC
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	BH13-W	Batch#: 183680
Lab ID:	234293-002	Sampled: 02/08/12
Matrix:	Water	Received: 02/08/12
Units:	ug/L	Analyzed: 02/12/12
Diln Fac:	1.000	

Analyte	Result	RL
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	2.0
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	103	80-125
1,2-Dichloroethane-d4	122	69-145
Toluene-d8	99	80-120
Bromofluorobenzene	103	80-120

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics		
Lab #:	234293	Location: SALISBURY AVENUE ASSOCIATES LLC
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	BH14-W	Batch#: 183680
Lab ID:	234293-003	Sampled: 02/08/12
Matrix:	Water	Received: 02/08/12
Units:	ug/L	Analyzed: 02/12/12
Diln Fac:	1.000	

Analyte	Result	RL
Freon 12	ND	1.0
tert-Butyl Alcohol (TBA)	ND	10
Chloromethane	ND	1.0
Isopropyl Ether (DIPE)	ND	0.5
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
Chloroethane	ND	1.0
Methyl tert-Amyl Ether (TAME)	ND	0.5
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	2.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	3.6	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics		
Lab #:	234293	Location: SALISBURY AVENUE ASSOCIATES LLC
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	BH14-W	Batch#: 183680
Lab ID:	234293-003	Sampled: 02/08/12
Matrix:	Water	Received: 02/08/12
Units:	ug/L	Analyzed: 02/12/12
Diln Fac:	1.000	

Analyte	Result	RL
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	2.0
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	106	80-125
1,2-Dichloroethane-d4	131	69-145
Toluene-d8	97	80-120
Bromofluorobenzene	109	80-120

ND= Not Detected  
 RL= Reporting Limit



Volatile Organics			
Lab #:	234293	Location:	SALISBURY AVENUE ASSOCIATES LLC
Client:	Eagle Env. Construction	Prep:	EPA 5030B
Project#:	2145 35TH AVENUE	Analysis:	EPA 8260B
Field ID:	BH15-W	Diln Fac:	1.429
Lab ID:	234293-004	Sampled:	02/08/12
Matrix:	Water	Received:	02/08/12
Units:	ug/L		

Analyte	Result	RL	Batch#	Analyzed
Freon 12	ND	1.4	183736	02/14/12
tert-Butyl Alcohol (TBA)	ND	14	183698	02/13/12
Chloromethane	ND	1.4	183736	02/14/12
Isopropyl Ether (DIPE)	ND	0.7	183736	02/14/12
Vinyl Chloride	ND	0.7	183736	02/14/12
Bromomethane	ND	1.4	183736	02/14/12
Ethyl tert-Butyl Ether (ETBE)	ND	0.7	183736	02/14/12
Chloroethane	ND	1.4	183736	02/14/12
Methyl tert-Amyl Ether (TAME)	ND	0.7	183736	02/14/12
Trichlorofluoromethane	ND	1.4	183736	02/14/12
Acetone	17	14	183736	02/14/12
Freon 113	ND	2.9	183736	02/14/12
1,1-Dichloroethene	ND	0.7	183736	02/14/12
Methylene Chloride	ND	14	183736	02/14/12
Carbon Disulfide	ND	0.7	183736	02/14/12
MTBE	ND	0.7	183736	02/14/12
trans-1,2-Dichloroethene	ND	0.7	183736	02/14/12
Vinyl Acetate	ND	14	183736	02/14/12
1,1-Dichloroethane	ND	0.7	183736	02/14/12
2-Butanone	ND	14	183736	02/14/12
cis-1,2-Dichloroethene	ND	0.7	183736	02/14/12
2,2-Dichloropropane	ND	0.7	183736	02/14/12
Chloroform	ND	0.7	183736	02/14/12
Bromochloromethane	ND	0.7	183736	02/14/12
1,1,1-Trichloroethane	ND	0.7	183736	02/14/12
1,1-Dichloropropene	ND	0.7	183736	02/14/12
Carbon Tetrachloride	ND	0.7	183736	02/14/12
1,2-Dichloroethane	ND	0.7	183736	02/14/12
Benzene	1.0	0.7	183736	02/14/12
Trichloroethene	ND	0.7	183736	02/14/12
1,2-Dichloropropane	ND	0.7	183736	02/14/12
Bromodichloromethane	ND	0.7	183736	02/14/12
Dibromomethane	ND	0.7	183736	02/14/12
4-Methyl-2-Pentanone	ND	14	183736	02/14/12
cis-1,3-Dichloropropene	ND	0.7	183736	02/14/12
Toluene	ND	0.7	183736	02/14/12
trans-1,3-Dichloropropene	ND	0.7	183736	02/14/12
1,1,2-Trichloroethane	ND	0.7	183736	02/14/12
2-Hexanone	ND	14	183736	02/14/12
1,3-Dichloropropane	ND	0.7	183736	02/14/12
Tetrachloroethene	ND	0.7	183736	02/14/12
Dibromochloromethane	ND	0.7	183736	02/14/12
1,2-Dibromoethane	ND	0.7	183736	02/14/12
Chlorobenzene	ND	0.7	183736	02/14/12
1,1,1,2-Tetrachloroethane	ND	0.7	183736	02/14/12
Ethylbenzene	1.7	0.7	183736	02/14/12
m,p-Xylenes	1.0	0.7	183736	02/14/12
o-Xylene	ND	0.7	183736	02/14/12
Styrene	ND	0.7	183736	02/14/12
Bromoform	ND	1.4	183736	02/14/12
Isopropylbenzene	24	0.7	183736	02/14/12
1,1,2,2-Tetrachloroethane	ND	0.7	183736	02/14/12
1,2,3-Trichloropropane	ND	0.7	183736	02/14/12
Propylbenzene	82	0.7	183736	02/14/12
Bromobenzene	ND	0.7	183736	02/14/12

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics			
Lab #:	234293	Location:	SALISBURY AVENUE ASSOCIATES LLC
Client:	Eagle Env. Construction	Prep:	EPA 5030B
Project#:	2145 35TH AVENUE	Analysis:	EPA 8260B
Field ID:	BH15-W	Diln Fac:	1.429
Lab ID:	234293-004	Sampled:	02/08/12
Matrix:	Water	Received:	02/08/12
Units:	ug/L		

Analyte	Result	RL	Batch#	Analyzed
1,3,5-Trimethylbenzene	1.7	0.7	183736	02/14/12
2-Chlorotoluene	ND	0.7	183736	02/14/12
4-Chlorotoluene	ND	0.7	183736	02/14/12
tert-Butylbenzene	1.4	0.7	183736	02/14/12
1,2,4-Trimethylbenzene	ND	0.7	183736	02/14/12
sec-Butylbenzene	4.7	0.7	183736	02/14/12
para-Isopropyl Toluene	ND	0.7	183736	02/14/12
1,3-Dichlorobenzene	ND	0.7	183736	02/14/12
1,4-Dichlorobenzene	ND	0.7	183736	02/14/12
n-Butylbenzene	10	0.7	183736	02/14/12
1,2-Dichlorobenzene	ND	0.7	183736	02/14/12
1,2-Dibromo-3-Chloropropane	ND	2.9	183736	02/14/12
1,2,4-Trichlorobenzene	ND	0.7	183736	02/14/12
Hexachlorobutadiene	ND	2.9	183736	02/14/12
Naphthalene	100	2.9	183736	02/14/12
1,2,3-Trichlorobenzene	ND	0.7	183736	02/14/12

Surrogate	%REC	Limits	Batch#	Analyzed
Dibromofluoromethane	99	80-125	183736	02/14/12
1,2-Dichloroethane-d4	106	69-145	183736	02/14/12
Toluene-d8	100	80-120	183736	02/14/12
Bromofluorobenzene	96	80-120	183736	02/14/12

ND= Not Detected  
 RL= Reporting Limit

**Batch QC Report**

Volatile Organics		
Lab #:	234293	Location: SALISBURY AVENUE ASSOCIATES LLC
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Type:	BLANK	Diln Fac: 1.000
Lab ID:	QC628326	Batch#: 183680
Matrix:	Water	Analyzed: 02/12/12
Units:	ug/L	

Analyte	Result	RL
Freon 12	ND	1.0
tert-Butyl Alcohol (TBA)	ND	10
Chloromethane	ND	1.0
Isopropyl Ether (DIPE)	ND	0.5
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
Chloroethane	ND	1.0
Methyl tert-Amyl Ether (TAME)	ND	0.5
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	2.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5

ND= Not Detected  
 RL= Reporting Limit

## Batch QC Report

Volatile Organics			
Lab #:	234293	Location:	SALISBURY AVENUE ASSOCIATES LLC
Client:	Eagle Env. Construction	Prep:	EPA 5030B
Project#:	2145 35TH AVENUE	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC628326	Batch#:	183680
Matrix:	Water	Analyzed:	02/12/12
Units:	ug/L		

Analyte	Result	RL
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	2.0
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	100	80-125
1,2-Dichloroethane-d4	125	69-145
Toluene-d8	98	80-120
Bromofluorobenzene	104	80-120

ND= Not Detected  
 RL= Reporting Limit

**Batch QC Report**

Volatile Organics			
Lab #:	234293	Location:	SALISBURY AVENUE ASSOCIATES LLC
Client:	Eagle Env. Construction	Prep:	EPA 5030B
Project#:	2145 35TH AVENUE	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	183680
Units:	ug/L	Analyzed:	02/12/12
Diln Fac:	1.000		

Type: BS Lab ID: QC628327

Analyte	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	100.0	82.54	83	47-136
Isopropyl Ether (DIPE)	20.00	18.04	90	54-136
Ethyl tert-Butyl Ether (ETBE)	20.00	19.39	97	57-133
Methyl tert-Amyl Ether (TAME)	20.00	17.28	86	65-120
1,1-Dichloroethene	20.00	21.33	107	66-131
Benzene	20.00	19.82	99	80-121
Trichloroethene	20.00	21.45	107	79-120
Toluene	20.00	21.25	106	80-120
Chlorobenzene	20.00	20.81	104	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	100	80-125
1,2-Dichloroethane-d4	118	69-145
Toluene-d8	93	80-120
Bromofluorobenzene	101	80-120

Type: BSD Lab ID: QC628328

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	100.0	91.99	92	47-136	11	28
Isopropyl Ether (DIPE)	20.00	17.86	89	54-136	1	20
Ethyl tert-Butyl Ether (ETBE)	20.00	19.27	96	57-133	1	20
Methyl tert-Amyl Ether (TAME)	20.00	18.04	90	65-120	4	20
1,1-Dichloroethene	20.00	20.22	101	66-131	5	20
Benzene	20.00	19.78	99	80-121	0	20
Trichloroethene	20.00	21.14	106	79-120	1	20
Toluene	20.00	20.15	101	80-120	5	20
Chlorobenzene	20.00	22.24	111	80-120	7	20

Surrogate	%REC	Limits
Dibromofluoromethane	105	80-125
1,2-Dichloroethane-d4	121	69-145
Toluene-d8	101	80-120
Bromofluorobenzene	101	80-120

RPD= Relative Percent Difference

**Batch QC Report**

Volatile Organics			
Lab #:	234293	Location:	SALISBURY AVENUE ASSOCIATES LLC
Client:	Eagle Env. Construction	Prep:	EPA 5030B
Project#:	2145 35TH AVENUE	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	183698
Units:	ug/L	Analyzed:	02/13/12
Diln Fac:	1.000		

Type: BS Lab ID: QC628408

Analyte	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	125.0	121.1	97	47-136
Isopropyl Ether (DIPE)	25.00	21.27	85	54-136
Ethyl tert-Butyl Ether (ETBE)	25.00	21.94	88	57-133
Methyl tert-Amyl Ether (TAME)	25.00	20.67	83	65-120
1,1-Dichloroethene	25.00	25.02	100	66-131
Benzene	25.00	24.19	97	80-121
Trichloroethene	25.00	26.30	105	79-120
Toluene	25.00	25.78	103	80-120
Chlorobenzene	25.00	25.02	100	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	101	80-125
1,2-Dichloroethane-d4	99	69-145
Toluene-d8	95	80-120
Bromofluorobenzene	102	80-120

Type: BSD Lab ID: QC628409

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	125.0	129.1	103	47-136	6	28
Isopropyl Ether (DIPE)	25.00	22.49	90	54-136	6	20
Ethyl tert-Butyl Ether (ETBE)	25.00	22.74	91	57-133	4	20
Methyl tert-Amyl Ether (TAME)	25.00	22.31	89	65-120	8	20
1,1-Dichloroethene	25.00	27.62	110	66-131	10	20
Benzene	25.00	28.70	115	80-121	17	20
Trichloroethene	25.00	28.70	115	79-120	9	20
Toluene	25.00	29.96	120	80-120	15	20
Chlorobenzene	25.00	29.21	117	80-120	15	20

Surrogate	%REC	Limits
Dibromofluoromethane	95	80-125
1,2-Dichloroethane-d4	99	69-145
Toluene-d8	99	80-120
Bromofluorobenzene	97	80-120

RPD= Relative Percent Difference

**Batch QC Report**

Volatile Organics		
Lab #:	234293	Location: SALISBURY AVENUE ASSOCIATES LLC
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Type:	BLANK	Diln Fac: 1.000
Lab ID:	QC628410	Batch#: 183698
Matrix:	Water	Analyzed: 02/13/12
Units:	ug/L	

Analyte	Result	RL
Freon 12	ND	1.0
tert-Butyl Alcohol (TBA)	ND	10
Chloromethane	ND	1.0
Isopropyl Ether (DIPE)	ND	0.5
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
Chloroethane	ND	1.0
Methyl tert-Amyl Ether (TAME)	ND	0.5
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	2.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5

ND= Not Detected  
 RL= Reporting Limit

## Batch QC Report

Volatile Organics		
Lab #:	234293	Location: SALISBURY AVENUE ASSOCIATES LLC
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Type:	BLANK	Diln Fac: 1.000
Lab ID:	QC628410	Batch#: 183698
Matrix:	Water	Analyzed: 02/13/12
Units:	ug/L	

Analyte	Result	RL
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	2.0
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	99	80-125
1,2-Dichloroethane-d4	102	69-145
Toluene-d8	103	80-120
Bromofluorobenzene	109	80-120

ND= Not Detected  
 RL= Reporting Limit



**Batch QC Report**

Volatile Organics		
Lab #:	234293	Location: SALISBURY AVENUE ASSOCIATES LLC
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Matrix:	Water	Batch#: 183736
Units:	ug/L	Analyzed: 02/14/12
Diln Fac:	1.000	

Type: BS Lab ID: QC628532

Analyte	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	125.0	95.31	76	47-136
Isopropyl Ether (DIPE)	25.00	17.47	70	54-136
Ethyl tert-Butyl Ether (ETBE)	25.00	19.44	78	57-133
Methyl tert-Amyl Ether (TAME)	25.00	19.29	77	65-120
1,1-Dichloroethene	25.00	23.68	95	66-131
Benzene	25.00	25.17	101	80-121
Trichloroethene	25.00	24.76	99	79-120
Toluene	25.00	24.75	99	80-120
Chlorobenzene	25.00	24.36	97	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	98	80-125
1,2-Dichloroethane-d4	105	69-145
Toluene-d8	99	80-120
Bromofluorobenzene	97	80-120

Type: BSD Lab ID: QC628533

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	125.0	105.3	84	47-136	10	28
Isopropyl Ether (DIPE)	25.00	23.27	93	54-136	28	* 20
Ethyl tert-Butyl Ether (ETBE)	25.00	21.04	84	57-133	8	20
Methyl tert-Amyl Ether (TAME)	25.00	20.26	81	65-120	5	20
1,1-Dichloroethene	25.00	24.61	98	66-131	4	20
Benzene	25.00	25.82	103	80-121	3	20
Trichloroethene	25.00	25.37	101	79-120	2	20
Toluene	25.00	25.44	102	80-120	3	20
Chlorobenzene	25.00	25.64	103	80-120	5	20

Surrogate	%REC	Limits
Dibromofluoromethane	100	80-125
1,2-Dichloroethane-d4	105	69-145
Toluene-d8	99	80-120
Bromofluorobenzene	95	80-120

\*= Value outside of QC limits; see narrative

RPD= Relative Percent Difference

**Batch QC Report**

Volatile Organics		
Lab #:	234293	Location: SALISBURY AVENUE ASSOCIATES LLC
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Type:	BLANK	Diln Fac: 1.000
Lab ID:	QC628534	Batch#: 183736
Matrix:	Water	Analyzed: 02/14/12
Units:	ug/L	

Analyte	Result	RL
Freon 12	ND	1.0
tert-Butyl Alcohol (TBA)	ND	20
Chloromethane	ND	1.0
Isopropyl Ether (DIPE)	ND	0.5
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
Chloroethane	ND	1.0
Methyl tert-Amyl Ether (TAME)	ND	0.5
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	2.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5

ND= Not Detected  
 RL= Reporting Limit

## Batch QC Report

Volatile Organics		
Lab #:	234293	Location: SALISBURY AVENUE ASSOCIATES LLC
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Type:	BLANK	Diln Fac: 1.000
Lab ID:	QC628534	Batch#: 183736
Matrix:	Water	Analyzed: 02/14/12
Units:	ug/L	

Analyte	Result	RL
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	2.0
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	99	80-125
1,2-Dichloroethane-d4	105	69-145
Toluene-d8	99	80-120
Bromofluorobenzene	96	80-120

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics			
Lab #:	234293	Location:	SALISBURY AVENUE ASSOCIATES LLC
Client:	Eagle Env. Construction	Prep:	EPA 5030B
Project#:	2145 35TH AVENUE	Analysis:	EPA 8260B
Field ID:	BH11-8	Diln Fac:	0.9524
Lab ID:	234293-006	Batch#:	183629
Matrix:	Soil	Sampled:	02/08/12
Units:	ug/Kg	Received:	02/08/12
Basis:	as received	Analyzed:	02/09/12

Analyte	Result	RL
Freon 12	ND	9.5
tert-Butyl Alcohol (TBA)	ND	95
Chloromethane	ND	9.5
Isopropyl Ether (DIPE)	ND	4.8
Vinyl Chloride	ND	9.5
Bromomethane	ND	9.5
Ethyl tert-Butyl Ether (ETBE)	ND	4.8
Chloroethane	ND	9.5
Methyl tert-Amyl Ether (TAME)	ND	4.8
Trichlorofluoromethane	ND	4.8
Acetone	ND	19
Freon 113	ND	4.8
1,1-Dichloroethene	ND	4.8
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.8
MTBE	ND	4.8
trans-1,2-Dichloroethene	ND	4.8
Vinyl Acetate	ND	48
1,1-Dichloroethane	ND	4.8
2-Butanone	ND	9.5
cis-1,2-Dichloroethene	ND	4.8
2,2-Dichloropropane	ND	4.8
Chloroform	ND	4.8
Bromochloromethane	ND	4.8
1,1,1-Trichloroethane	ND	4.8
1,1-Dichloropropene	ND	4.8
Carbon Tetrachloride	ND	4.8
1,2-Dichloroethane	ND	4.8
Benzene	ND	4.8
Trichloroethene	ND	4.8
1,2-Dichloropropane	ND	4.8
Bromodichloromethane	ND	4.8
Dibromomethane	ND	4.8
4-Methyl-2-Pentanone	ND	9.5
cis-1,3-Dichloropropene	ND	4.8
Toluene	ND	4.8
trans-1,3-Dichloropropene	ND	4.8
1,1,2-Trichloroethane	ND	4.8
2-Hexanone	ND	9.5
1,3-Dichloropropane	ND	4.8
Tetrachloroethene	ND	4.8
Dibromochloromethane	ND	4.8
1,2-Dibromoethane	ND	4.8
Chlorobenzene	ND	4.8
1,1,1,2-Tetrachloroethane	ND	4.8
Ethylbenzene	ND	4.8
m,p-Xylenes	ND	4.8
o-Xylene	ND	4.8
Styrene	ND	4.8
Bromoform	ND	4.8
Isopropylbenzene	ND	4.8
1,1,2,2-Tetrachloroethane	ND	4.8
1,2,3-Trichloropropane	ND	4.8
Propylbenzene	ND	4.8

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics		
Lab #:	234293	Location: SALISBURY AVENUE ASSOCIATES LLC
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	BH11-8	Diln Fac: 0.9524
Lab ID:	234293-006	Batch#: 183629
Matrix:	Soil	Sampled: 02/08/12
Units:	ug/Kg	Received: 02/08/12
Basis:	as received	Analyzed: 02/09/12

Analyte	Result	RL
Bromobenzene	ND	4.8
1,3,5-Trimethylbenzene	ND	4.8
2-Chlorotoluene	ND	4.8
4-Chlorotoluene	ND	4.8
tert-Butylbenzene	ND	4.8
1,2,4-Trimethylbenzene	ND	4.8
sec-Butylbenzene	ND	4.8
para-Isopropyl Toluene	ND	4.8
1,3-Dichlorobenzene	ND	4.8
1,4-Dichlorobenzene	ND	4.8
n-Butylbenzene	ND	4.8
1,2-Dichlorobenzene	ND	4.8
1,2-Dibromo-3-Chloropropane	ND	4.8
1,2,4-Trichlorobenzene	ND	4.8
Hexachlorobutadiene	ND	4.8
Naphthalene	ND	4.8
1,2,3-Trichlorobenzene	ND	4.8

Surrogate	%REC	Limits
Dibromofluoromethane	105	74-133
1,2-Dichloroethane-d4	108	74-136
Toluene-d8	94	80-120
Bromofluorobenzene	100	77-130

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics			
Lab #:	234293	Location:	SALISBURY AVENUE ASSOCIATES LLC
Client:	Eagle Env. Construction	Prep:	EPA 5030B
Project#:	2145 35TH AVENUE	Analysis:	EPA 8260B
Field ID:	BH11-12	Diln Fac:	0.8865
Lab ID:	234293-007	Batch#:	183629
Matrix:	Soil	Sampled:	02/08/12
Units:	ug/Kg	Received:	02/08/12
Basis:	as received	Analyzed:	02/09/12

Analyte	Result	RL
Freon 12	ND	8.9
tert-Butyl Alcohol (TBA)	ND	89
Chloromethane	ND	8.9
Isopropyl Ether (DIPE)	ND	4.4
Vinyl Chloride	ND	8.9
Bromomethane	ND	8.9
Ethyl tert-Butyl Ether (ETBE)	ND	4.4
Chloroethane	ND	8.9
Methyl tert-Amyl Ether (TAME)	ND	4.4
Trichlorofluoromethane	ND	4.4
Acetone	ND	18
Freon 113	ND	4.4
1,1-Dichloroethene	ND	4.4
Methylene Chloride	ND	18
Carbon Disulfide	ND	4.4
MTBE	ND	4.4
trans-1,2-Dichloroethene	ND	4.4
Vinyl Acetate	ND	44
1,1-Dichloroethane	ND	4.4
2-Butanone	ND	8.9
cis-1,2-Dichloroethene	ND	4.4
2,2-Dichloropropane	ND	4.4
Chloroform	ND	4.4
Bromochloromethane	ND	4.4
1,1,1-Trichloroethane	ND	4.4
1,1-Dichloropropene	ND	4.4
Carbon Tetrachloride	ND	4.4
1,2-Dichloroethane	ND	4.4
Benzene	ND	4.4
Trichloroethene	ND	4.4
1,2-Dichloropropane	ND	4.4
Bromodichloromethane	ND	4.4
Dibromomethane	ND	4.4
4-Methyl-2-Pentanone	ND	8.9
cis-1,3-Dichloropropene	ND	4.4
Toluene	ND	4.4
trans-1,3-Dichloropropene	ND	4.4
1,1,2-Trichloroethane	ND	4.4
2-Hexanone	ND	8.9
1,3-Dichloropropane	ND	4.4
Tetrachloroethene	ND	4.4
Dibromochloromethane	ND	4.4
1,2-Dibromoethane	ND	4.4
Chlorobenzene	ND	4.4
1,1,1,2-Tetrachloroethane	ND	4.4
Ethylbenzene	ND	4.4
m,p-Xylenes	ND	4.4
o-Xylene	ND	4.4
Styrene	ND	4.4
Bromoform	ND	4.4
Isopropylbenzene	ND	4.4
1,1,2,2-Tetrachloroethane	ND	4.4
1,2,3-Trichloropropane	ND	4.4
Propylbenzene	ND	4.4

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics		
Lab #:	234293	Location: SALISBURY AVENUE ASSOCIATES LLC
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	BH11-12	Diln Fac: 0.8865
Lab ID:	234293-007	Batch#: 183629
Matrix:	Soil	Sampled: 02/08/12
Units:	ug/Kg	Received: 02/08/12
Basis:	as received	Analyzed: 02/09/12

Analyte	Result	RL
Bromobenzene	ND	4.4
1,3,5-Trimethylbenzene	ND	4.4
2-Chlorotoluene	ND	4.4
4-Chlorotoluene	ND	4.4
tert-Butylbenzene	ND	4.4
1,2,4-Trimethylbenzene	ND	4.4
sec-Butylbenzene	ND	4.4
para-Isopropyl Toluene	ND	4.4
1,3-Dichlorobenzene	ND	4.4
1,4-Dichlorobenzene	ND	4.4
n-Butylbenzene	ND	4.4
1,2-Dichlorobenzene	ND	4.4
1,2-Dibromo-3-Chloropropane	ND	4.4
1,2,4-Trichlorobenzene	ND	4.4
Hexachlorobutadiene	ND	4.4
Naphthalene	ND	4.4
1,2,3-Trichlorobenzene	ND	4.4

Surrogate	%REC	Limits
Dibromofluoromethane	107	74-133
1,2-Dichloroethane-d4	107	74-136
Toluene-d8	93	80-120
Bromofluorobenzene	97	77-130

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics			
Lab #:	234293	Location:	SALISBURY AVENUE ASSOCIATES LLC
Client:	Eagle Env. Construction	Prep:	EPA 5030B
Project#:	2145 35TH AVENUE	Analysis:	EPA 8260B
Field ID:	BH13-5	Diln Fac:	0.9728
Lab ID:	234293-010	Batch#:	183629
Matrix:	Soil	Sampled:	02/08/12
Units:	ug/Kg	Received:	02/08/12
Basis:	as received	Analyzed:	02/09/12

Analyte	Result	RL
Freon 12	ND	9.7
tert-Butyl Alcohol (TBA)	ND	97
Chloromethane	ND	9.7
Isopropyl Ether (DIPE)	ND	4.9
Vinyl Chloride	ND	9.7
Bromomethane	ND	9.7
Ethyl tert-Butyl Ether (ETBE)	ND	4.9
Chloroethane	ND	9.7
Methyl tert-Amyl Ether (TAME)	ND	4.9
Trichlorofluoromethane	ND	4.9
Acetone	ND	19
Freon 113	ND	4.9
1,1-Dichloroethene	ND	4.9
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.9
MTBE	ND	4.9
trans-1,2-Dichloroethene	ND	4.9
Vinyl Acetate	ND	49
1,1-Dichloroethane	ND	4.9
2-Butanone	ND	9.7
cis-1,2-Dichloroethene	ND	4.9
2,2-Dichloropropane	ND	4.9
Chloroform	ND	4.9
Bromochloromethane	ND	4.9
1,1,1-Trichloroethane	ND	4.9
1,1-Dichloropropene	ND	4.9
Carbon Tetrachloride	ND	4.9
1,2-Dichloroethane	ND	4.9
Benzene	ND	4.9
Trichloroethene	ND	4.9
1,2-Dichloropropane	ND	4.9
Bromodichloromethane	ND	4.9
Dibromomethane	ND	4.9
4-Methyl-2-Pentanone	ND	9.7
cis-1,3-Dichloropropene	ND	4.9
Toluene	ND	4.9
trans-1,3-Dichloropropene	ND	4.9
1,1,2-Trichloroethane	ND	4.9
2-Hexanone	ND	9.7
1,3-Dichloropropane	ND	4.9
Tetrachloroethene	ND	4.9
Dibromochloromethane	ND	4.9
1,2-Dibromoethane	ND	4.9
Chlorobenzene	ND	4.9
1,1,1,2-Tetrachloroethane	ND	4.9
Ethylbenzene	ND	4.9
m,p-Xylenes	ND	4.9
o-Xylene	ND	4.9
Styrene	ND	4.9
Bromoform	ND	4.9
Isopropylbenzene	ND	4.9
1,1,2,2-Tetrachloroethane	ND	4.9
1,2,3-Trichloropropane	ND	4.9
Propylbenzene	ND	4.9

ND= Not Detected  
 RL= Reporting Limit



Volatile Organics		
Lab #:	234293	Location: SALISBURY AVENUE ASSOCIATES LLC
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	BH13-5	Diln Fac: 0.9728
Lab ID:	234293-010	Batch#: 183629
Matrix:	Soil	Sampled: 02/08/12
Units:	ug/Kg	Received: 02/08/12
Basis:	as received	Analyzed: 02/09/12

Analyte	Result	RL
Bromobenzene	ND	4.9
1,3,5-Trimethylbenzene	ND	4.9
2-Chlorotoluene	ND	4.9
4-Chlorotoluene	ND	4.9
tert-Butylbenzene	ND	4.9
1,2,4-Trimethylbenzene	ND	4.9
sec-Butylbenzene	ND	4.9
para-Isopropyl Toluene	ND	4.9
1,3-Dichlorobenzene	ND	4.9
1,4-Dichlorobenzene	ND	4.9
n-Butylbenzene	ND	4.9
1,2-Dichlorobenzene	ND	4.9
1,2-Dibromo-3-Chloropropane	ND	4.9
1,2,4-Trichlorobenzene	ND	4.9
Hexachlorobutadiene	ND	4.9
Naphthalene	ND	4.9
1,2,3-Trichlorobenzene	ND	4.9

Surrogate	%REC	Limits
Dibromofluoromethane	110	74-133
1,2-Dichloroethane-d4	111	74-136
Toluene-d8	93	80-120
Bromofluorobenzene	97	77-130

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics			
Lab #:	234293	Location:	SALISBURY AVENUE ASSOCIATES LLC
Client:	Eagle Env. Construction	Prep:	EPA 5030B
Project#:	2145 35TH AVENUE	Analysis:	EPA 8260B
Field ID:	BH13-8	Diln Fac:	0.9709
Lab ID:	234293-011	Batch#:	183629
Matrix:	Soil	Sampled:	02/08/12
Units:	ug/Kg	Received:	02/08/12
Basis:	as received	Analyzed:	02/09/12

Analyte	Result	RL
Freon 12	ND	9.7
tert-Butyl Alcohol (TBA)	ND	97
Chloromethane	ND	9.7
Isopropyl Ether (DIPE)	ND	4.9
Vinyl Chloride	ND	9.7
Bromomethane	ND	9.7
Ethyl tert-Butyl Ether (ETBE)	ND	4.9
Chloroethane	ND	9.7
Methyl tert-Amyl Ether (TAME)	ND	4.9
Trichlorofluoromethane	ND	4.9
Acetone	ND	19
Freon 113	ND	4.9
1,1-Dichloroethene	ND	4.9
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.9
MTBE	ND	4.9
trans-1,2-Dichloroethene	ND	4.9
Vinyl Acetate	ND	49
1,1-Dichloroethane	ND	4.9
2-Butanone	ND	9.7
cis-1,2-Dichloroethene	ND	4.9
2,2-Dichloropropane	ND	4.9
Chloroform	ND	4.9
Bromochloromethane	ND	4.9
1,1,1-Trichloroethane	ND	4.9
1,1-Dichloropropene	ND	4.9
Carbon Tetrachloride	ND	4.9
1,2-Dichloroethane	ND	4.9
Benzene	ND	4.9
Trichloroethene	ND	4.9
1,2-Dichloropropane	ND	4.9
Bromodichloromethane	ND	4.9
Dibromomethane	ND	4.9
4-Methyl-2-Pentanone	ND	9.7
cis-1,3-Dichloropropene	ND	4.9
Toluene	ND	4.9
trans-1,3-Dichloropropene	ND	4.9
1,1,2-Trichloroethane	ND	4.9
2-Hexanone	ND	9.7
1,3-Dichloropropane	ND	4.9
Tetrachloroethene	ND	4.9
Dibromochloromethane	ND	4.9
1,2-Dibromoethane	ND	4.9
Chlorobenzene	ND	4.9
1,1,1,2-Tetrachloroethane	ND	4.9
Ethylbenzene	ND	4.9
m,p-Xylenes	ND	4.9
o-Xylene	ND	4.9
Styrene	ND	4.9
Bromoform	ND	4.9
Isopropylbenzene	ND	4.9
1,1,2,2-Tetrachloroethane	ND	4.9
1,2,3-Trichloropropane	ND	4.9
Propylbenzene	ND	4.9

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics		
Lab #:	234293	Location: SALISBURY AVENUE ASSOCIATES LLC
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	BH13-8	Diln Fac: 0.9709
Lab ID:	234293-011	Batch#: 183629
Matrix:	Soil	Sampled: 02/08/12
Units:	ug/Kg	Received: 02/08/12
Basis:	as received	Analyzed: 02/09/12

Analyte	Result	RL
Bromobenzene	ND	4.9
1,3,5-Trimethylbenzene	ND	4.9
2-Chlorotoluene	ND	4.9
4-Chlorotoluene	ND	4.9
tert-Butylbenzene	ND	4.9
1,2,4-Trimethylbenzene	ND	4.9
sec-Butylbenzene	ND	4.9
para-Isopropyl Toluene	ND	4.9
1,3-Dichlorobenzene	ND	4.9
1,4-Dichlorobenzene	ND	4.9
n-Butylbenzene	ND	4.9
1,2-Dichlorobenzene	ND	4.9
1,2-Dibromo-3-Chloropropane	ND	4.9
1,2,4-Trichlorobenzene	ND	4.9
Hexachlorobutadiene	ND	4.9
Naphthalene	ND	4.9
1,2,3-Trichlorobenzene	ND	4.9

Surrogate	%REC	Limits
Dibromofluoromethane	103	74-133
1,2-Dichloroethane-d4	109	74-136
Toluene-d8	91	80-120
Bromofluorobenzene	99	77-130

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics			
Lab #:	234293	Location:	SALISBURY AVENUE ASSOCIATES LLC
Client:	Eagle Env. Construction	Prep:	EPA 5030B
Project#:	2145 35TH AVENUE	Analysis:	EPA 8260B
Field ID:	BH14-8	Diln Fac:	0.9470
Lab ID:	234293-014	Batch#:	183629
Matrix:	Soil	Sampled:	02/08/12
Units:	ug/Kg	Received:	02/08/12
Basis:	as received	Analyzed:	02/09/12

Analyte	Result	RL
Freon 12	ND	9.5
tert-Butyl Alcohol (TBA)	ND	95
Chloromethane	ND	9.5
Isopropyl Ether (DIPE)	ND	4.7
Vinyl Chloride	ND	9.5
Bromomethane	ND	9.5
Ethyl tert-Butyl Ether (ETBE)	ND	4.7
Chloroethane	ND	9.5
Methyl tert-Amyl Ether (TAME)	ND	4.7
Trichlorofluoromethane	ND	4.7
Acetone	ND	19
Freon 113	ND	4.7
1,1-Dichloroethene	ND	4.7
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.7
MTBE	ND	4.7
trans-1,2-Dichloroethene	ND	4.7
Vinyl Acetate	ND	47
1,1-Dichloroethane	ND	4.7
2-Butanone	ND	9.5
cis-1,2-Dichloroethene	ND	4.7
2,2-Dichloropropane	ND	4.7
Chloroform	ND	4.7
Bromochloromethane	ND	4.7
1,1,1-Trichloroethane	ND	4.7
1,1-Dichloropropene	ND	4.7
Carbon Tetrachloride	ND	4.7
1,2-Dichloroethane	ND	4.7
Benzene	ND	4.7
Trichloroethene	ND	4.7
1,2-Dichloropropane	ND	4.7
Bromodichloromethane	ND	4.7
Dibromomethane	ND	4.7
4-Methyl-2-Pentanone	ND	9.5
cis-1,3-Dichloropropene	ND	4.7
Toluene	ND	4.7
trans-1,3-Dichloropropene	ND	4.7
1,1,2-Trichloroethane	ND	4.7
2-Hexanone	ND	9.5
1,3-Dichloropropane	ND	4.7
Tetrachloroethene	ND	4.7
Dibromochloromethane	ND	4.7
1,2-Dibromoethane	ND	4.7
Chlorobenzene	ND	4.7
1,1,1,2-Tetrachloroethane	ND	4.7
Ethylbenzene	ND	4.7
m,p-Xylenes	ND	4.7
o-Xylene	ND	4.7
Styrene	ND	4.7
Bromoform	ND	4.7
Isopropylbenzene	ND	4.7
1,1,2,2-Tetrachloroethane	ND	4.7
1,2,3-Trichloropropane	ND	4.7
Propylbenzene	ND	4.7

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics		
Lab #:	234293	Location: SALISBURY AVENUE ASSOCIATES LLC
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	BH14-8	Diln Fac: 0.9470
Lab ID:	234293-014	Batch#: 183629
Matrix:	Soil	Sampled: 02/08/12
Units:	ug/Kg	Received: 02/08/12
Basis:	as received	Analyzed: 02/09/12

Analyte	Result	RL
Bromobenzene	ND	4.7
1,3,5-Trimethylbenzene	ND	4.7
2-Chlorotoluene	ND	4.7
4-Chlorotoluene	ND	4.7
tert-Butylbenzene	ND	4.7
1,2,4-Trimethylbenzene	ND	4.7
sec-Butylbenzene	ND	4.7
para-Isopropyl Toluene	ND	4.7
1,3-Dichlorobenzene	ND	4.7
1,4-Dichlorobenzene	ND	4.7
n-Butylbenzene	ND	4.7
1,2-Dichlorobenzene	ND	4.7
1,2-Dibromo-3-Chloropropane	ND	4.7
1,2,4-Trichlorobenzene	ND	4.7
Hexachlorobutadiene	ND	4.7
Naphthalene	ND	4.7
1,2,3-Trichlorobenzene	ND	4.7

Surrogate	%REC	Limits
Dibromofluoromethane	111	74-133
1,2-Dichloroethane-d4	117	74-136
Toluene-d8	93	80-120
Bromofluorobenzene	103	77-130

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics			
Lab #:	234293	Location:	SALISBURY AVENUE ASSOCIATES LLC
Client:	Eagle Env. Construction	Prep:	EPA 5030B
Project#:	2145 35TH AVENUE	Analysis:	EPA 8260B
Field ID:	BH15-4	Diln Fac:	0.9980
Lab ID:	234293-017	Batch#:	183629
Matrix:	Soil	Sampled:	02/08/12
Units:	ug/Kg	Received:	02/08/12
Basis:	as received	Analyzed:	02/09/12

Analyte	Result	RL
Freon 12	ND	10
tert-Butyl Alcohol (TBA)	ND	100
Chloromethane	ND	10
Isopropyl Ether (DIPE)	ND	5.0
Vinyl Chloride	ND	10
Bromomethane	ND	10
Ethyl tert-Butyl Ether (ETBE)	ND	5.0
Chloroethane	ND	10
Methyl tert-Amyl Ether (TAME)	ND	5.0
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics		
Lab #:	234293	Location: SALISBURY AVENUE ASSOCIATES LLC
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	BH15-4	Diln Fac: 0.9980
Lab ID:	234293-017	Batch#: 183629
Matrix:	Soil	Sampled: 02/08/12
Units:	ug/Kg	Received: 02/08/12
Basis:	as received	Analyzed: 02/09/12

Analyte	Result	RL
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	112	74-133
1,2-Dichloroethane-d4	114	74-136
Toluene-d8	90	80-120
Bromofluorobenzene	99	77-130

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics			
Lab #:	234293	Location:	SALISBURY AVENUE ASSOCIATES LLC
Client:	Eagle Env. Construction	Prep:	EPA 5030B
Project#:	2145 35TH AVENUE	Analysis:	EPA 8260B
Field ID:	BH15-8	Diln Fac:	0.9862
Lab ID:	234293-018	Batch#:	183629
Matrix:	Soil	Sampled:	02/08/12
Units:	ug/Kg	Received:	02/08/12
Basis:	as received	Analyzed:	02/09/12

Analyte	Result	RL
Freon 12	ND	9.9
tert-Butyl Alcohol (TBA)	ND	99
Chloromethane	ND	9.9
Isopropyl Ether (DIPE)	ND	4.9
Vinyl Chloride	ND	9.9
Bromomethane	ND	9.9
Ethyl tert-Butyl Ether (ETBE)	ND	4.9
Chloroethane	ND	9.9
Methyl tert-Amyl Ether (TAME)	ND	4.9
Trichlorofluoromethane	ND	4.9
Acetone	28	20
Freon 113	ND	4.9
1,1-Dichloroethene	ND	4.9
Methylene Chloride	ND	20
Carbon Disulfide	ND	4.9
MTBE	ND	4.9
trans-1,2-Dichloroethene	ND	4.9
Vinyl Acetate	ND	49
1,1-Dichloroethane	ND	4.9
2-Butanone	ND	9.9
cis-1,2-Dichloroethene	ND	4.9
2,2-Dichloropropane	ND	4.9
Chloroform	ND	4.9
Bromochloromethane	ND	4.9
1,1,1-Trichloroethane	ND	4.9
1,1-Dichloropropene	ND	4.9
Carbon Tetrachloride	ND	4.9
1,2-Dichloroethane	ND	4.9
Benzene	ND	4.9
Trichloroethene	ND	4.9
1,2-Dichloropropane	ND	4.9
Bromodichloromethane	ND	4.9
Dibromomethane	ND	4.9
4-Methyl-2-Pentanone	ND	9.9
cis-1,3-Dichloropropene	ND	4.9
Toluene	ND	4.9
trans-1,3-Dichloropropene	ND	4.9
1,1,2-Trichloroethane	ND	4.9
2-Hexanone	ND	9.9
1,3-Dichloropropane	ND	4.9
Tetrachloroethene	ND	4.9
Dibromochloromethane	ND	4.9
1,2-Dibromoethane	ND	4.9
Chlorobenzene	ND	4.9
1,1,1,2-Tetrachloroethane	ND	4.9
Ethylbenzene	ND	4.9
m,p-Xylenes	ND	4.9
o-Xylene	ND	4.9
Styrene	ND	4.9
Bromoform	ND	4.9
Isopropylbenzene	ND	4.9
1,1,2,2-Tetrachloroethane	ND	4.9
1,2,3-Trichloropropane	ND	4.9
Propylbenzene	ND	4.9

ND= Not Detected  
 RL= Reporting Limit



Volatile Organics		
Lab #:	234293	Location: SALISBURY AVENUE ASSOCIATES LLC
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	BH15-8	Diln Fac: 0.9862
Lab ID:	234293-018	Batch#: 183629
Matrix:	Soil	Sampled: 02/08/12
Units:	ug/Kg	Received: 02/08/12
Basis:	as received	Analyzed: 02/09/12

Analyte	Result	RL
Bromobenzene	ND	4.9
1,3,5-Trimethylbenzene	ND	4.9
2-Chlorotoluene	ND	4.9
4-Chlorotoluene	ND	4.9
tert-Butylbenzene	ND	4.9
1,2,4-Trimethylbenzene	ND	4.9
sec-Butylbenzene	ND	4.9
para-Isopropyl Toluene	ND	4.9
1,3-Dichlorobenzene	ND	4.9
1,4-Dichlorobenzene	ND	4.9
n-Butylbenzene	ND	4.9
1,2-Dichlorobenzene	ND	4.9
1,2-Dibromo-3-Chloropropane	ND	4.9
1,2,4-Trichlorobenzene	ND	4.9
Hexachlorobutadiene	ND	4.9
Naphthalene	16	4.9
1,2,3-Trichlorobenzene	ND	4.9

Surrogate	%REC	Limits
Dibromofluoromethane	109	74-133
1,2-Dichloroethane-d4	110	74-136
Toluene-d8	94	80-120
Bromofluorobenzene	98	77-130

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics			
Lab #:	234293	Location:	SALISBURY AVENUE ASSOCIATES LLC
Client:	Eagle Env. Construction	Prep:	EPA 5030B
Project#:	2145 35TH AVENUE	Analysis:	EPA 8260B
Field ID:	BH15-12	Diln Fac:	50.00
Lab ID:	234293-019	Batch#:	183663
Matrix:	Soil	Sampled:	02/08/12
Units:	ug/Kg	Received:	02/08/12
Basis:	as received	Analyzed:	02/10/12

Analyte	Result	RL
Freon 12	ND	500
tert-Butyl Alcohol (TBA)	ND	5,000
Chloromethane	ND	500
Isopropyl Ether (DIPE)	ND	250
Vinyl Chloride	ND	500
Bromomethane	ND	500
Ethyl tert-Butyl Ether (ETBE)	ND	250
Chloroethane	ND	500
Methyl tert-Amyl Ether (TAME)	ND	250
Trichlorofluoromethane	ND	250
Acetone	ND	1,000
Freon 113	ND	250
1,1-Dichloroethene	ND	250
Methylene Chloride	ND	1,000
Carbon Disulfide	ND	250
MTBE	ND	250
trans-1,2-Dichloroethene	ND	250
Vinyl Acetate	ND	2,500
1,1-Dichloroethane	ND	250
2-Butanone	ND	500
cis-1,2-Dichloroethene	ND	250
2,2-Dichloropropane	ND	250
Chloroform	ND	250
Bromochloromethane	ND	250
1,1,1-Trichloroethane	ND	250
1,1-Dichloropropene	ND	250
Carbon Tetrachloride	ND	250
1,2-Dichloroethane	ND	250
Benzene	ND	250
Trichloroethene	ND	250
1,2-Dichloropropane	ND	250
Bromodichloromethane	ND	250
Dibromomethane	ND	250
4-Methyl-2-Pentanone	ND	500
cis-1,3-Dichloropropene	ND	250
Toluene	ND	250
trans-1,3-Dichloropropene	ND	250
1,1,2-Trichloroethane	ND	250
2-Hexanone	ND	500
1,3-Dichloropropane	ND	250
Tetrachloroethene	ND	250
Dibromochloromethane	ND	250
1,2-Dibromoethane	ND	250
Chlorobenzene	ND	250
1,1,1,2-Tetrachloroethane	ND	250
Ethylbenzene	ND	250
m,p-Xylenes	ND	250
o-Xylene	ND	250
Styrene	ND	250
Bromoform	ND	250
Isopropylbenzene	2,100	250
1,1,2,2-Tetrachloroethane	ND	250
1,2,3-Trichloropropane	ND	250
Propylbenzene	8,000	250

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics		
Lab #:	234293	Location: SALISBURY AVENUE ASSOCIATES LLC
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	BH15-12	Diln Fac: 50.00
Lab ID:	234293-019	Batch#: 183663
Matrix:	Soil	Sampled: 02/08/12
Units:	ug/Kg	Received: 02/08/12
Basis:	as received	Analyzed: 02/10/12

Analyte	Result	RL
Bromobenzene	ND	250
1,3,5-Trimethylbenzene	ND	250
2-Chlorotoluene	ND	250
4-Chlorotoluene	ND	250
tert-Butylbenzene	280	250
1,2,4-Trimethylbenzene	ND	250
sec-Butylbenzene	1,200	250
para-Isopropyl Toluene	ND	250
1,3-Dichlorobenzene	ND	250
1,4-Dichlorobenzene	ND	250
n-Butylbenzene	3,800	250
1,2-Dichlorobenzene	ND	250
1,2-Dibromo-3-Chloropropane	ND	250
1,2,4-Trichlorobenzene	ND	250
Hexachlorobutadiene	ND	250
Naphthalene	7,500	250
1,2,3-Trichlorobenzene	ND	250

Surrogate	%REC	Limits
Dibromofluoromethane	99	74-133
1,2-Dichloroethane-d4	88	74-136
Toluene-d8	88	80-120
Bromofluorobenzene	104	77-130
Trifluorotoluene (MeOH)	96	60-135

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics			
Lab #:	234293	Location:	SALISBURY AVENUE ASSOCIATES LLC
Client:	Eagle Env. Construction	Prep:	EPA 5030B
Project#:	2145 35TH AVENUE	Analysis:	EPA 8260B
Field ID:	BH15-16	Diln Fac:	0.9980
Lab ID:	234293-020	Batch#:	183663
Matrix:	Soil	Sampled:	02/08/12
Units:	ug/Kg	Received:	02/08/12
Basis:	as received	Analyzed:	02/10/12

Analyte	Result	RL
Freon 12	ND	10
tert-Butyl Alcohol (TBA)	ND	100
Chloromethane	ND	10
Isopropyl Ether (DIPE)	ND	5.0
Vinyl Chloride	ND	10
Bromomethane	ND	10
Ethyl tert-Butyl Ether (ETBE)	ND	5.0
Chloroethane	ND	10
Methyl tert-Amyl Ether (TAME)	ND	5.0
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0

ND= Not Detected  
 RL= Reporting Limit

Volatile Organics		
Lab #:	234293	Location: SALISBURY AVENUE ASSOCIATES LLC
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	BH15-16	Diln Fac: 0.9980
Lab ID:	234293-020	Batch#: 183663
Matrix:	Soil	Sampled: 02/08/12
Units:	ug/Kg	Received: 02/08/12
Basis:	as received	Analyzed: 02/10/12

Analyte	Result	RL
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	103	74-133
1,2-Dichloroethane-d4	102	74-136
Toluene-d8	95	80-120
Bromofluorobenzene	103	77-130

ND= Not Detected  
 RL= Reporting Limit

**Batch QC Report**

Volatile Organics		
Lab #:	234293	Location: SALISBURY AVENUE ASSOCIATES LLC
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Type:	BLANK	Diln Fac: 1.000
Lab ID:	QC628107	Batch#: 183629
Matrix:	Soil	Analyzed: 02/09/12
Units:	ug/Kg	

Analyte	Result	RL
Freon 12	ND	10
tert-Butyl Alcohol (TBA)	ND	100
Chloromethane	ND	10
Isopropyl Ether (DIPE)	ND	5.0
Vinyl Chloride	ND	10
Bromomethane	ND	10
Ethyl tert-Butyl Ether (ETBE)	ND	5.0
Chloroethane	ND	10
Methyl tert-Amyl Ether (TAME)	ND	5.0
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0

ND= Not Detected  
 RL= Reporting Limit

**Batch QC Report**

<b>Volatile Organics</b>		
Lab #:	234293	Location: SALISBURY AVENUE ASSOCIATES LLC
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Type:	BLANK	Diln Fac: 1.000
Lab ID:	QC628107	Batch#: 183629
Matrix:	Soil	Analyzed: 02/09/12
Units:	ug/Kg	

<b>Analyte</b>	<b>Result</b>	<b>RL</b>
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

<b>Surrogate</b>	<b>%REC</b>	<b>Limits</b>
Dibromofluoromethane	108	74-133
1,2-Dichloroethane-d4	108	74-136
Toluene-d8	98	80-120
Bromofluorobenzene	102	77-130

ND= Not Detected  
 RL= Reporting Limit

**Batch QC Report**

<b>Volatile Organics</b>		
Lab #:	234293	Location: SALISBURY AVENUE ASSOCIATES LLC
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Type:	LCS	Diln Fac: 1.000
Lab ID:	QC628108	Batch#: 183629
Matrix:	Soil	Analyzed: 02/09/12
Units:	ug/Kg	

<b>Analyte</b>	<b>Spiked</b>	<b>Result</b>	<b>%REC</b>	<b>Limits</b>
tert-Butyl Alcohol (TBA)	100.0	125.7	126	46-135
Isopropyl Ether (DIPE)	20.00	18.84	94	59-120
Ethyl tert-Butyl Ether (ETBE)	20.00	23.17	116	64-120
Methyl tert-Amyl Ether (TAME)	20.00	19.11	96	68-120
1,1-Dichloroethene	20.00	19.20	96	71-125
Benzene	20.00	20.43	102	78-125
Trichloroethene	20.00	21.72	109	77-121
Toluene	20.00	18.18	91	79-120
Chlorobenzene	20.00	20.14	101	80-120

<b>Surrogate</b>	<b>%REC</b>	<b>Limits</b>
Dibromofluoromethane	111	74-133
1,2-Dichloroethane-d4	115	74-136
Toluene-d8	92	80-120
Bromofluorobenzene	99	77-130



## Batch QC Report

Volatile Organics		
Lab #:	234293	Location: SALISBURY AVENUE ASSOCIATES LLC
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Type:	LCS	Diln Fac: 1.000
Lab ID:	QC628261	Batch#: 183663
Matrix:	Soil	Analyzed: 02/10/12
Units:	ug/Kg	

Analyte	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	100.0	102.0	102	46-135
Isopropyl Ether (DIPE)	20.00	17.24	86	59-120
Ethyl tert-Butyl Ether (ETBE)	20.00	22.09	110	64-120
Methyl tert-Amyl Ether (TAME)	20.00	16.57	83	68-120
1,1-Dichloroethene	20.00	18.58	93	71-125
Benzene	20.00	17.71	89	78-125
Trichloroethene	20.00	18.15	91	77-121
Toluene	20.00	16.40	82	79-120
Chlorobenzene	20.00	17.72	89	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	111	74-133
1,2-Dichloroethane-d4	100	74-136
Toluene-d8	93	80-120
Bromofluorobenzene	100	77-130

**Batch QC Report**

Volatile Organics		
Lab #:	234293	Location: SALISBURY AVENUE ASSOCIATES LLC
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Type:	BLANK	Diln Fac: 1.000
Lab ID:	QC628262	Batch#: 183663
Matrix:	Soil	Analyzed: 02/10/12
Units:	ug/Kg	

Analyte	Result	RL
Freon 12	ND	10
tert-Butyl Alcohol (TBA)	ND	100
Chloromethane	ND	10
Isopropyl Ether (DIPE)	ND	5.0
Vinyl Chloride	ND	10
Bromomethane	ND	10
Ethyl tert-Butyl Ether (ETBE)	ND	5.0
Chloroethane	ND	10
Methyl tert-Amyl Ether (TAME)	ND	5.0
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0

ND= Not Detected  
 RL= Reporting Limit

## Batch QC Report

Volatile Organics		
Lab #:	234293	Location: SALISBURY AVENUE ASSOCIATES LLC
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Type:	BLANK	Diln Fac: 1.000
Lab ID:	QC628262	Batch#: 183663
Matrix:	Soil	Analyzed: 02/10/12
Units:	ug/Kg	

Analyte	Result	RL
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	105	74-133
1,2-Dichloroethane-d4	98	74-136
Toluene-d8	93	80-120
Bromofluorobenzene	107	77-130

ND= Not Detected  
 RL= Reporting Limit

**Batch QC Report**

Volatile Organics		
Lab #:	234293	Location: SALISBURY AVENUE ASSOCIATES LLC
Client:	Eagle Env. Construction	Prep: EPA 5030B
Project#:	2145 35TH AVENUE	Analysis: EPA 8260B
Field ID:	BH15-16	Diln Fac: 0.9506
MSS Lab ID:	234293-020	Batch#: 183663
Matrix:	Soil	Sampled: 02/08/12
Units:	ug/Kg	Received: 02/08/12
Basis:	as received	Analyzed: 02/10/12

Type: MS Lab ID: QC628269

Analyte	MSS Result	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	<15.56	237.6	231.9	98	44-128
Isopropyl Ether (DIPE)	<1.283	47.53	41.27	87	50-120
Ethyl tert-Butyl Ether (ETBE)	<0.9673	47.53	46.13	97	55-120
Methyl tert-Amyl Ether (TAME)	<0.6300	47.53	41.50	87	55-120
1,1-Dichloroethene	<0.5923	47.53	49.35	104	55-127
Benzene	<0.9649	47.53	47.19	99	58-122
Trichloroethene	<1.126	47.53	49.07	103	45-142
Toluene	<1.302	47.53	46.27	97	54-120
Chlorobenzene	<0.2908	47.53	47.93	101	49-120

Surrogate	%REC	Limits
Dibromofluoromethane	107	74-133
1,2-Dichloroethane-d4	98	74-136
Toluene-d8	95	80-120
Bromofluorobenzene	94	77-130

Type: MSD Lab ID: QC628270

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	237.6	222.2	94	44-128	4	39
Isopropyl Ether (DIPE)	47.53	36.26	76	50-120	13	32
Ethyl tert-Butyl Ether (ETBE)	47.53	40.65	86	55-120	13	32
Methyl tert-Amyl Ether (TAME)	47.53	38.42	81	55-120	8	34
1,1-Dichloroethene	47.53	45.01	95	55-127	9	38
Benzene	47.53	45.05	95	58-122	5	37
Trichloroethene	47.53	46.26	97	45-142	6	41
Toluene	47.53	40.13	84	54-120	14	35
Chlorobenzene	47.53	43.94	92	49-120	9	38

Surrogate	%REC	Limits
Dibromofluoromethane	103	74-133
1,2-Dichloroethane-d4	99	74-136
Toluene-d8	92	80-120
Bromofluorobenzene	95	77-130

RPD= Relative Percent Difference

<b>Lead</b>			
Lab #:	234293	Location:	SALISBURY AVENUE ASSOCIATES LLC
Client:	Eagle Env. Construction	Prep:	EPA 3050B
Project#:	2145 35TH AVENUE	Analysis:	EPA 6010B
Analyte:	Lead	Batch#:	183649
Matrix:	Soil	Sampled:	02/08/12
Units:	mg/Kg	Received:	02/08/12
Basis:	as received	Prepared:	02/09/12
Diln Fac:	1.000	Analyzed:	02/10/12

Field ID	Type	Lab ID	Result	RL
BH11-1	SAMPLE	234293-005	41	0.24
BH11-8	SAMPLE	234293-006	3.6	0.25
BH11-12	SAMPLE	234293-007	3.5	0.25
BH13-1	SAMPLE	234293-009	39	0.23
BH13-5	SAMPLE	234293-010	2.3	0.23
BH13-8	SAMPLE	234293-011	2.5	0.24
BH14-1	SAMPLE	234293-013	28	0.25
BH14-8	SAMPLE	234293-014	6.1	0.25
BH15-1	SAMPLE	234293-016	17	0.24
BH15-4	SAMPLE	234293-017	2.9	0.25
BH15-8	SAMPLE	234293-018	2.7	0.23
BH15-12	SAMPLE	234293-019	5.1	0.24
BH15-16	SAMPLE	234293-020	2.3	0.24
	BLANK	QC628201	ND	0.25

ND= Not Detected  
 RL= Reporting Limit









## Batch QC Report

California LUFT Metals		
Lab #:	234293	Location: SALISBURY AVENUE ASSOCIATES LLC
Client:	Eagle Env. Construction	Prep: EPA 3050B
Project#:	2145 35TH AVENUE	Analysis: EPA 6010B
Matrix:	Soil	Batch#: 183649
Units:	mg/Kg	Prepared: 02/09/12
Diln Fac:	1.000	Analyzed: 02/10/12

Type: BS Lab ID: QC628202

Analyte	Spiked	Result	%REC	Limits
Cadmium	50.00	50.71	101	80-120
Chromium	50.00	50.24	100	80-120
Lead	50.00	47.01	94	80-120
Nickel	50.00	48.58	97	80-120
Zinc	50.00	50.69	101	80-120

Type: BSD Lab ID: QC628203

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Cadmium	50.00	50.31	101	80-120	1	20
Chromium	50.00	49.84	100	80-120	1	20
Lead	50.00	47.16	94	80-120	0	20
Nickel	50.00	48.28	97	80-120	1	20
Zinc	50.00	50.18	100	80-120	1	20

RPD= Relative Percent Difference

**Batch QC Report**

<b>Lead</b>			
Lab #:	234293	Location:	SALISBURY AVENUE ASSOCIATES LLC
Client:	Eagle Env. Construction	Prep:	EPA 3050B
Project#:	2145 35TH AVENUE	Analysis:	EPA 6010B
Analyte:	Lead	Batch#:	183649
Matrix:	Soil	Prepared:	02/09/12
Units:	mg/Kg	Analyzed:	02/10/12
Diln Fac:	1.000		

Type	Lab ID	Spiked	Result	%REC	Limits	RPD	Lim
BS	QC628202	50.00	47.01	94	80-120		
BSD	QC628203	50.00	47.16	94	80-120	0	20

RPD= Relative Percent Difference





## Batch QC Report

Dissolved California LUFT Metals		
Lab #:	234293	Location: SALISBURY AVENUE ASSOCIATES LLC
Client:	Eagle Env. Construction	Prep: METHOD
Project#:	2145 35TH AVENUE	Analysis: EPA 6010B
Matrix:	Filtrate	Batch#: 183685
Units:	ug/L	Prepared: 02/10/12
Diln Fac:	1.000	Analyzed: 02/13/12

Type: BS Lab ID: QC628346

Analyte	Spiked	Result	%REC	Limits
Cadmium	50.00	44.09	88	80-120
Chromium	200.0	176.9	88	80-120
Lead	100.0	84.80	85	78-120
Nickel	500.0	450.0	90	80-120
Zinc	500.0	433.2	87	80-120

Type: BSD Lab ID: QC628347

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Cadmium	50.00	46.70	93	80-120	6	20
Chromium	200.0	184.9	92	80-120	4	20
Lead	100.0	89.86	90	78-120	6	20
Nickel	500.0	474.5	95	80-120	5	20
Zinc	500.0	456.2	91	80-120	5	20

RPD= Relative Percent Difference







Curtis & Tompkins, Ltd.

Analytical Laboratories, Since 1878





Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878

2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

**Laboratory Job Number 237694  
ANALYTICAL REPORT**

Eagle Env. Construction  
3150 Hilltop Road  
Richmond, CA 94806

Project : SALISBURY PROJECT  
Location : Salisbury Project  
Level : II

<u>Sample ID</u>	<u>Lab ID</u>
MW1-5.5	237694-001
MW1-6.0	237694-002
MW1-15.0	237694-003
MW1-15.5	237694-004
MW4-5.5	237694-005
MW4-6.0	237694-006
MW4-10.0	237694-007
MW4-15.5	237694-008
MW3-6.5	237694-009
MW3-11.0	237694-010
MW2-6.0	237694-011
MW2-11.0	237694-012
MW2-16.0	237694-013

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

Signature:   
Project Manager

Date: 07/17/2012

NELAP # 01107CA



### CASE NARRATIVE

Laboratory number: 237694  
Client: Eagle Env. Construction  
Project: SALISBURY PROJECT  
Location: Salisbury Project  
Request Date: 07/03/12  
Samples Received: 07/03/12

This data package contains sample and QC results for nine soil samples, requested for the above referenced project on 07/03/12. The samples were received cold and intact.

**TPH-Purgeables and/or BTXE by GC (EPA 8015B):**

No analytical problems were encountered.

**TPH-Extractables by GC (EPA 8015B):**

No analytical problems were encountered.

**Volatile Organics by GC/MS (EPA 8260B):**

No analytical problems were encountered.

**Metals (EPA 6010B):**

High recovery was observed for lead in the MS for batch 188417; the parent sample was not a project sample, the BS/BSD were within limits, and the associated RPD was within limits. No other analytical problems were encountered.



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# CHAIN OF CUSTODY

Geotracker Global ID.  
 70619778840

C&T LOGIN # 237694

Page 1 of 1

Chain of Custody # \_\_\_\_\_

Project No: SALISBURY PROJECT Sampler: EEC B.U.  
 Project Name: 2145 35th Avenue Oakland, CA Report To: Sami Malaeb  
 Project P. O. No: \_\_\_\_\_ Company: EEC  
 EDD Format:  Report Level  II  III  IV Telephone: (925) 858-9608  
 Turnaround Time:  RUSH  Standard Email: S.MALAEB@COMCAST.NET

ANALYTICAL REQUEST											
Lab No.	Sample ID.	SAMPLING		MATRIX		# of Containers	CHEMICAL PRESERVATIVE				
		Time Date Collected	Date Time Collected	Water	Solid		HCl	H2SO4	HNO3	NaOH	Other
1	MW1-5.5	9:15 a.m.	07/08/12		X					X	TPH-G; TPH-S 8015 B
2	MW1-6.0	9:15 a.m.	"		X					X	Naphthalene & NITBE 8260
3	MW1-15.0	9:20 a.m.	"		X					X	TPH-D; TPH-HO; TPH-Hydrocarbons 8015 G11
4	MW1-15.5	9:30 a.m.	"		X					X	LEET FIVE METALS
5	MW4-5.5	11:05 a.m.	"		X					X	
6	MW4-6.0	11:05 a.m.	"		X					X	
7	MW4-10.0	11:30 a.m.	"		X					X	
8	MW4-15.5	11:30 a.m.	"		X					X	
9	MW3-6.5	1:15 p.m.	"		X					X	
10	MW3-11.0	1:30 p.m.	"		X					X	
11	MW2-6.0	3:10 p.m.	"		X					X	
12	MW2-11.0	3:30 p.m.	"		X					X	
13	MW2-16.0	3:45 p.m.	"		X					X	

TPH-G; TPH-S 8015 B  
 Naphthalene & NITBE 8260  
 TPH-D; TPH-HO; TPH-Hydrocarbons 8015 G11  
 LEET FIVE METALS

Notes:

Need EDF

SAMPLE RECEIPT

- Intact
- Cold
- On Ice
- Ambient

RELINQUISHED BY:

*Sami Malaeb*

DATE: 07/08/12 TIME: 16:50

DATE: TIME:

DATE: TIME:

RECEIVED BY:

*Desiree Z...*

DATE: 7/8/12 TIME: 1650

DATE: TIME:

DATE: TIME:

**COOLER RECEIPT CHECKLIST**



Login # 237694 Date Received 7/3/12 Number of coolers 1  
 Client ECC Project Salisbury Project

Date Opened 7/3/12 By (print) CRM (sign) [Signature]  
 Date Logged in 7/5/12 By (print) ↓ (sign) ↓

1. Did cooler come with a shipping slip (airbill, etc) \_\_\_\_\_ YES  NO  
 Shipping info \_\_\_\_\_

2A. Were custody seals present? ...  YES (circle) on cooler on samples  NO  
 How many \_\_\_\_\_ Name \_\_\_\_\_ Date \_\_\_\_\_

2B. Were custody seals intact upon arrival? \_\_\_\_\_ YES NO  N/A

3. Were custody papers dry and intact when received?  YES NO

4. Were custody papers filled out properly (ink, signed, etc)?  YES NO

5. Is the project identifiable from custody papers? (If so fill out top of form)  YES NO

6. Indicate the packing in cooler: (if other, describe) \_\_\_\_\_

- Bubble Wrap  Foam blocks  Bags  None
- Cloth material  Cardboard  Styrofoam  Paper towels

7. Temperature documentation: \* Notify PM if temperature exceeds 6°C

Type of ice used:  Wet  Blue/Gel  None Temp(°C) \_\_\_\_\_

Samples Received on ice & cold without a temperature blank; temp. taken with IR gun

Samples received on ice directly from the field. Cooling process had begun

8. Were Method 5035 sampling containers present? \_\_\_\_\_ YES  NO  
 If YES, what time were they transferred to freezer? \_\_\_\_\_

9. Did all bottles arrive unbroken/unopened?  YES NO

10. Are there any missing / extra samples? \_\_\_\_\_ YES  NO

11. Are samples in the appropriate containers for indicated tests?  YES NO

12. Are sample labels present, in good condition and complete?  YES NO

13. Do the sample labels agree with custody papers?  YES NO

14. Was sufficient amount of sample sent for tests requested?  YES NO

15. Are the samples appropriately preserved? \_\_\_\_\_ YES NO  N/A

16. Did you check preservatives for all bottles for each sample? \_\_\_\_\_ YES NO  N/A

17. Did you document your preservative check? \_\_\_\_\_ YES NO  N/A

18. Did you change the hold time in LIMS for unpreserved VOAs? \_\_\_\_\_ YES NO  N/A

19. Did you change the hold time in LIMS for preserved terracores? \_\_\_\_\_ YES NO  N/A

20. Are bubbles > 6mm absent in VOA samples? \_\_\_\_\_ YES NO  N/A

21. Was the client contacted concerning this sample delivery? \_\_\_\_\_ YES  NO  
 If YES, Who was called? \_\_\_\_\_ By \_\_\_\_\_ Date: \_\_\_\_\_

**COMMENTS**

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## Batch QC Report

Total Volatile Hydrocarbons			
Lab #:	237694	Location:	Salisbury Project
Client:	Eagle Env. Construction	Prep:	EPA 5030B
Project#:	SALISBURY PROJECT	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC647600	Batch#:	188440
Matrix:	Soil	Analyzed:	07/12/12
Units:	mg/Kg		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	1.000	0.9475	95	79-120

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	96	61-136

## Batch QC Report

Total Volatile Hydrocarbons			
Lab #:	237694	Location:	Salisbury Project
Client:	Eagle Env. Construction	Prep:	EPA 5030B
Project#:	SALISBURY PROJECT	Analysis:	EPA 8015B
Field ID:	MW1-5.5	Diln Fac:	1.000
MSS Lab ID:	237694-001	Batch#:	188440
Matrix:	Soil	Sampled:	07/03/12
Units:	mg/Kg	Received:	07/03/12
Basis:	as received	Analyzed:	07/13/12

Type: MS Lab ID: QC647602

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	0.1022	10.87	10.91	99	31-120

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	77	61-136

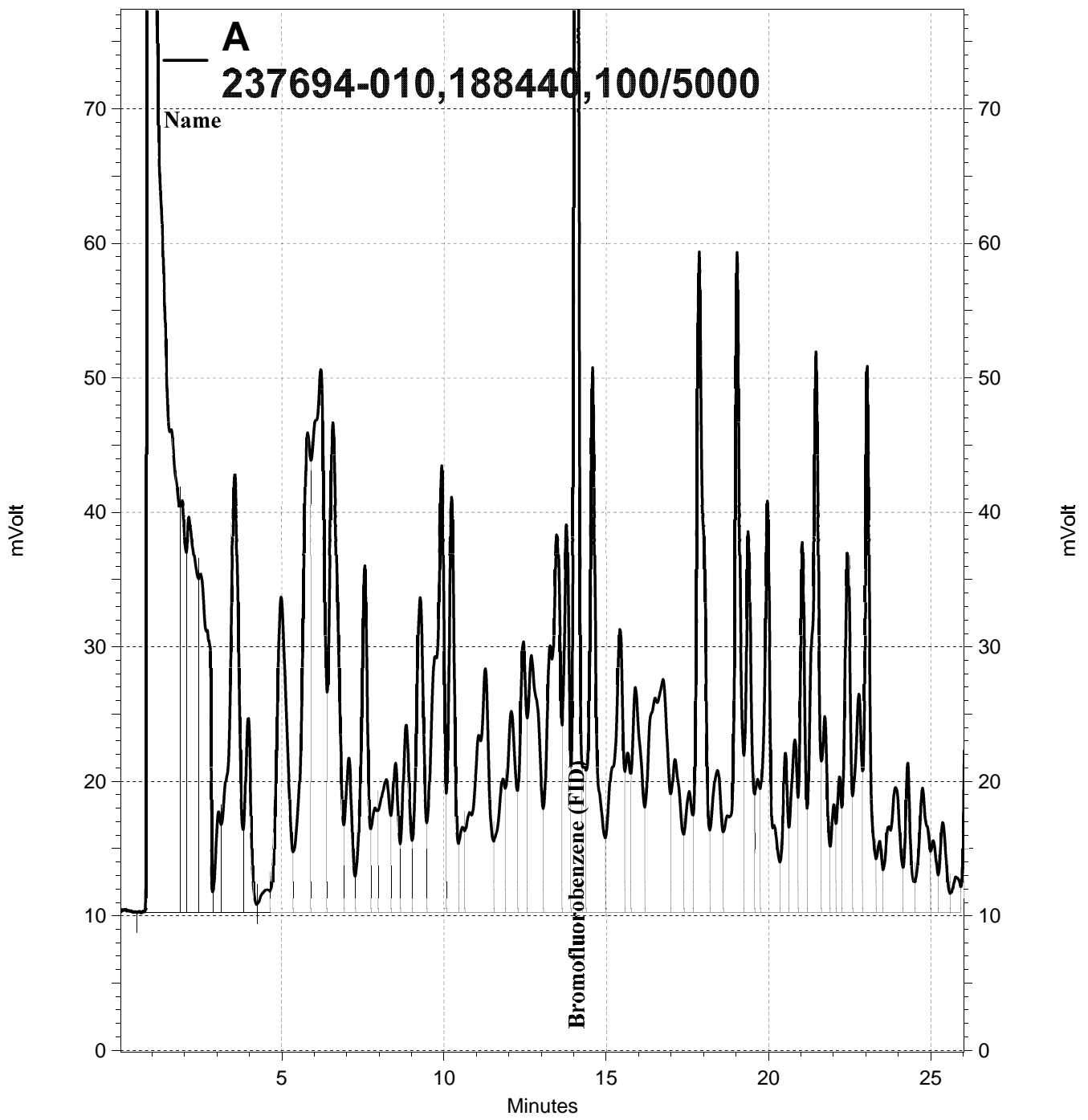
Type: MSD Lab ID: QC647603

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	10.53	10.45	98	31-120	1	57

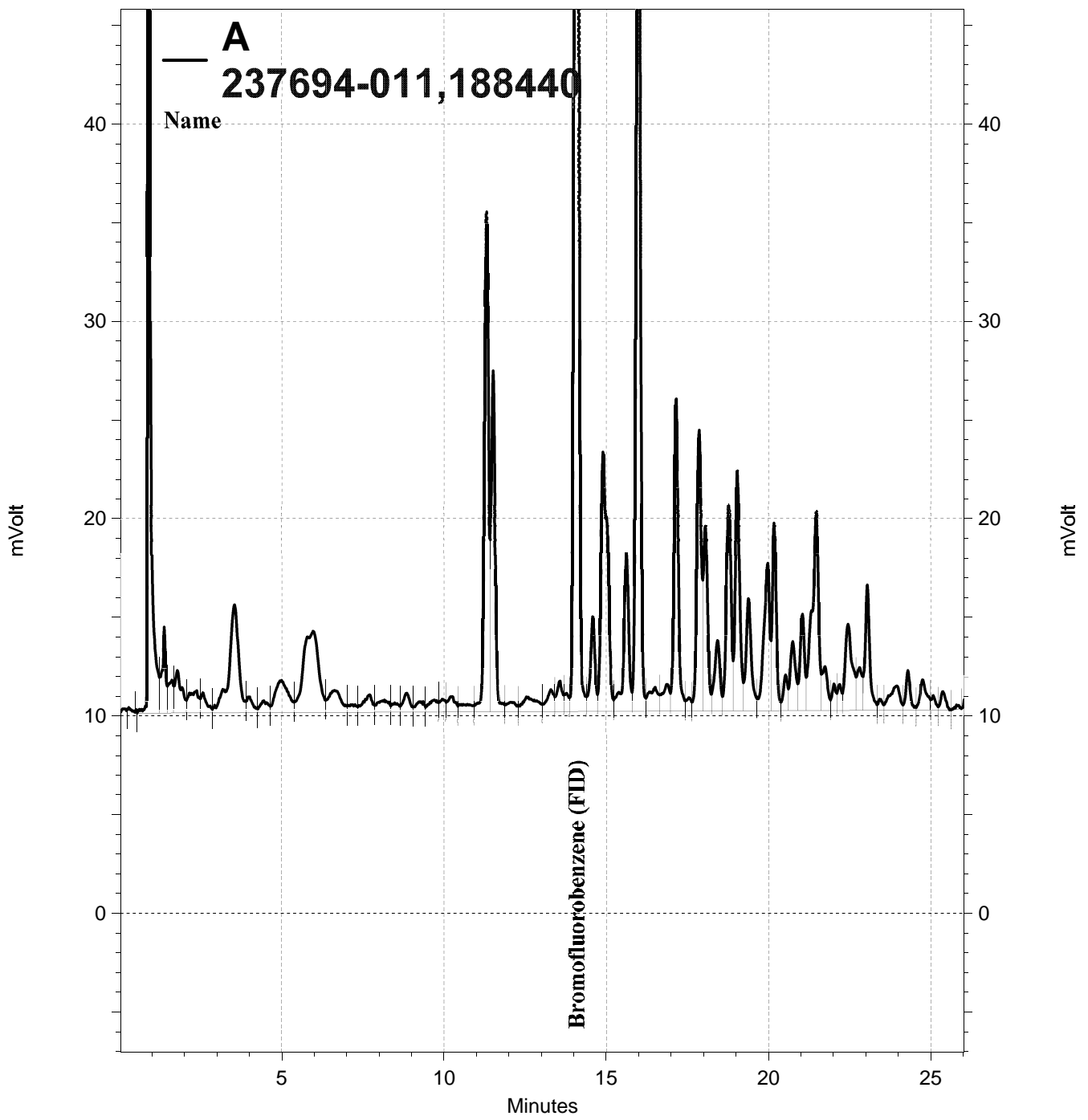
Surrogate	%REC	Limits
Bromofluorobenzene (FID)	97	61-136

RPD= Relative Percent Difference

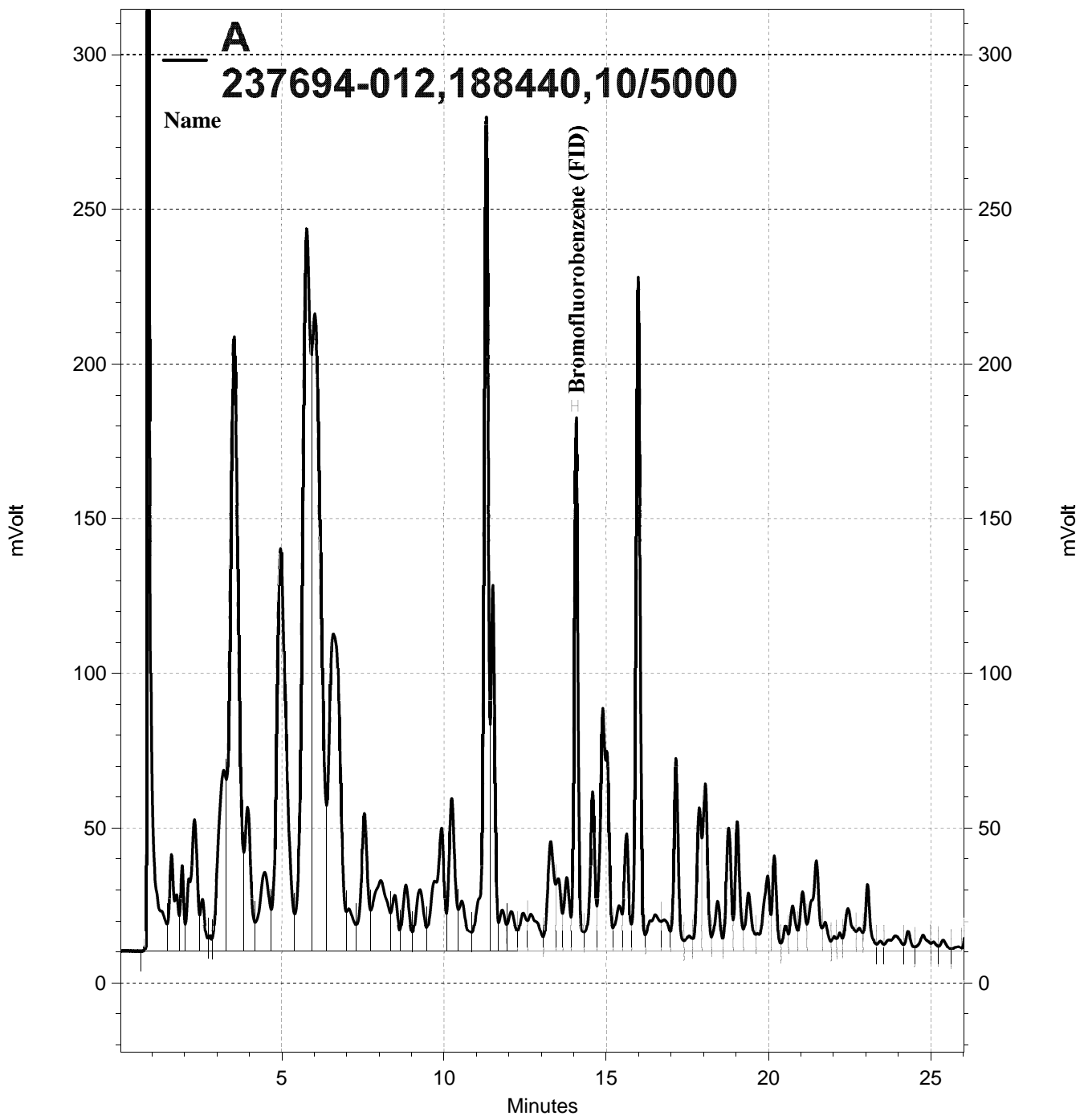




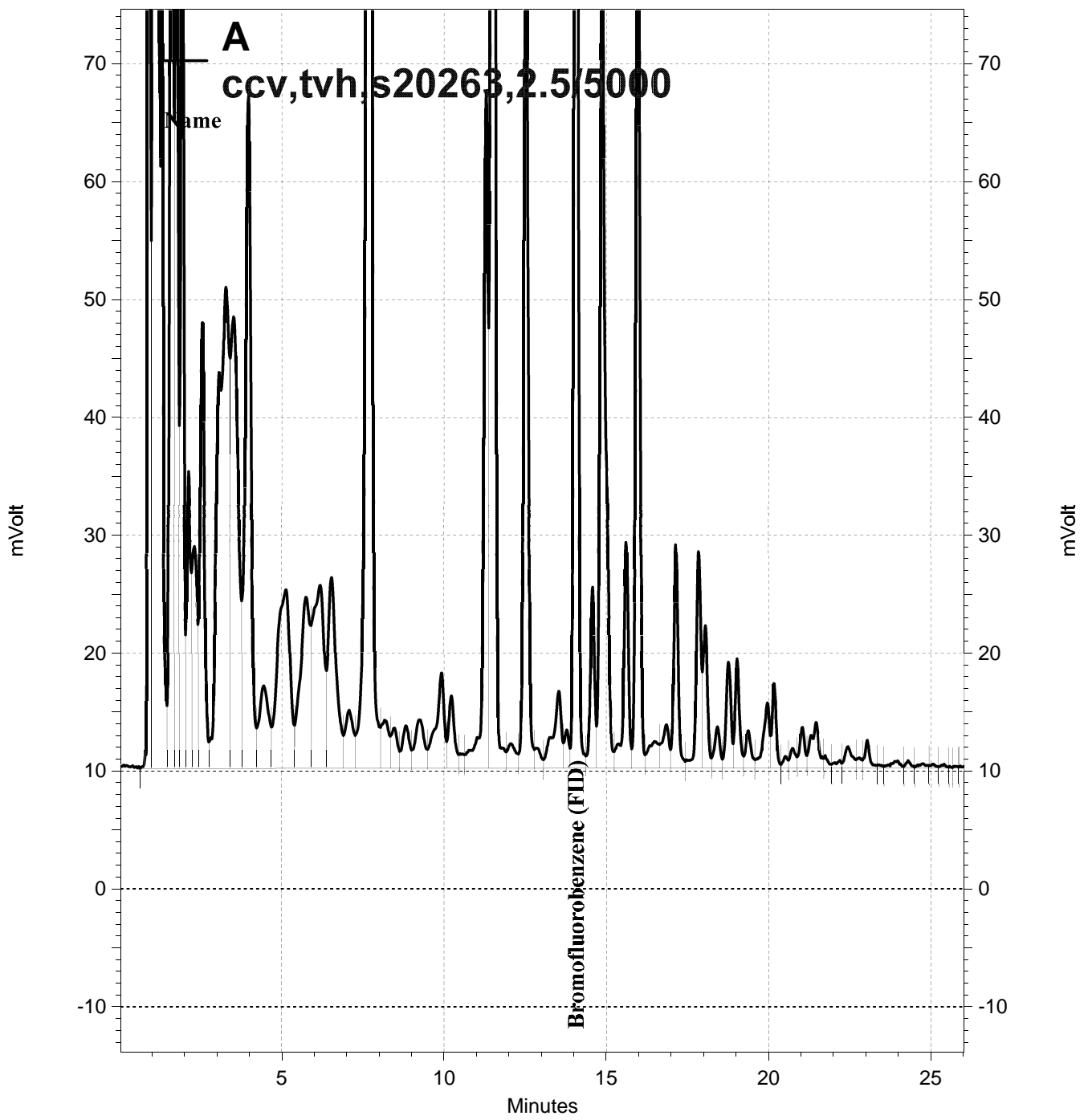
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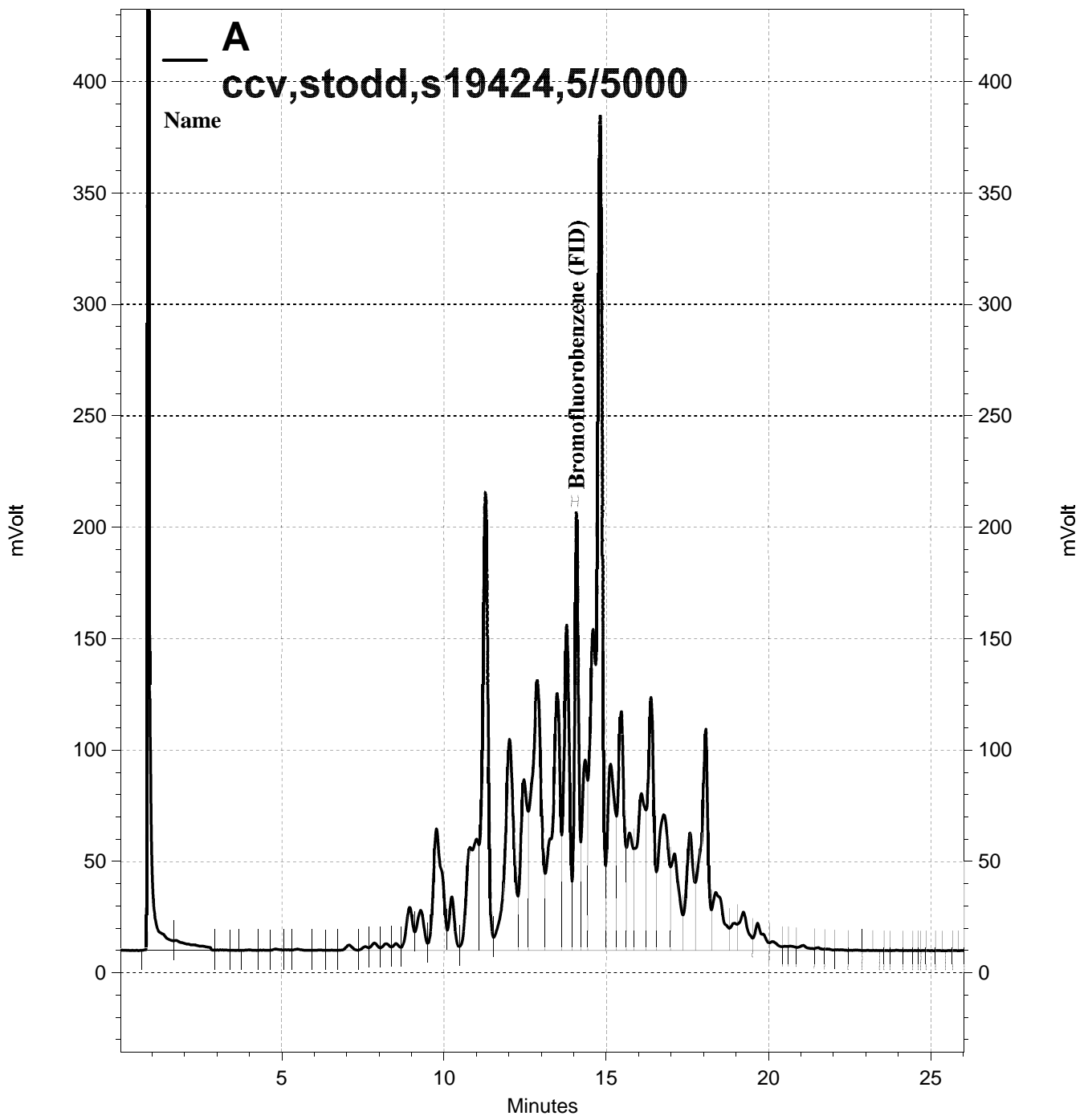
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## Batch QC Report

Total Extractable Hydrocarbons			
Lab #:	237694	Location:	Salisbury Project
Client:	Eagle Env. Construction	Prep:	EPA 3550B
Project#:	SALISBURY PROJECT	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC647397	Batch#:	188390
Matrix:	Soil	Prepared:	07/11/12
Units:	mg/Kg	Analyzed:	07/11/12

Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	49.71	51.03	103	47-132

Surrogate	%REC	Limits
o-Terphenyl	100	49-128

Batch QC Report

Total Extractable Hydrocarbons			
Lab #:	237694	Location:	Salisbury Project
Client:	Eagle Env. Construction	Prep:	EPA 3550B
Project#:	SALISBURY PROJECT	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Batch#:	188390
MSS Lab ID:	237787-002	Sampled:	07/10/12
Matrix:	Soil	Received:	07/10/12
Units:	mg/Kg	Prepared:	07/11/12
Basis:	as received	Analyzed:	07/11/12
Diln Fac:	1.000		

Type: MS Lab ID: QC647398

Analyte	MSS Result	Spiked	Result	%REC	Limits
Diesel C10-C24	15.73	49.98	73.59	116	32-143

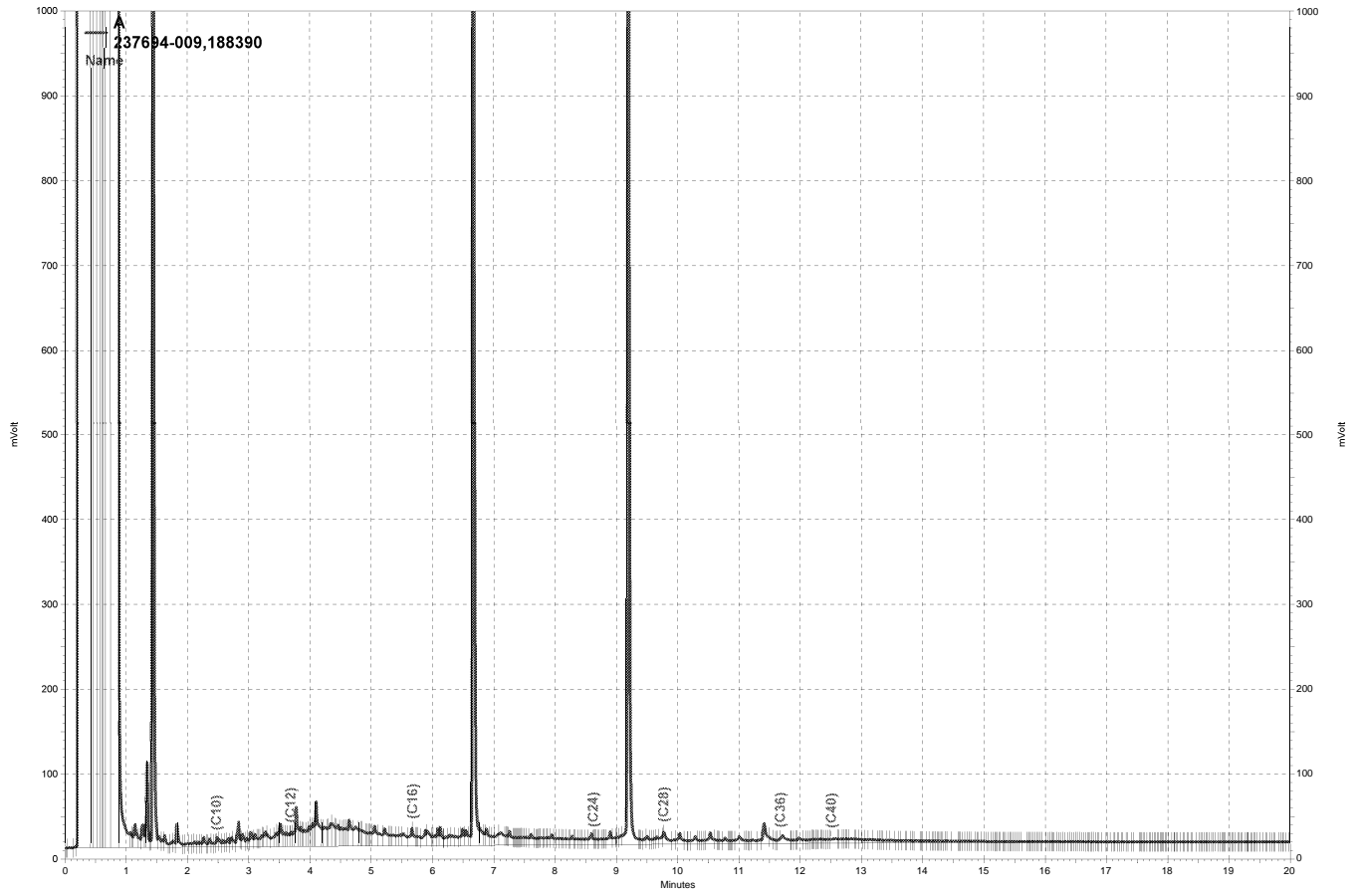
Surrogate	%REC	Limits
o-Terphenyl	107	49-128

Type: MSD Lab ID: QC647399

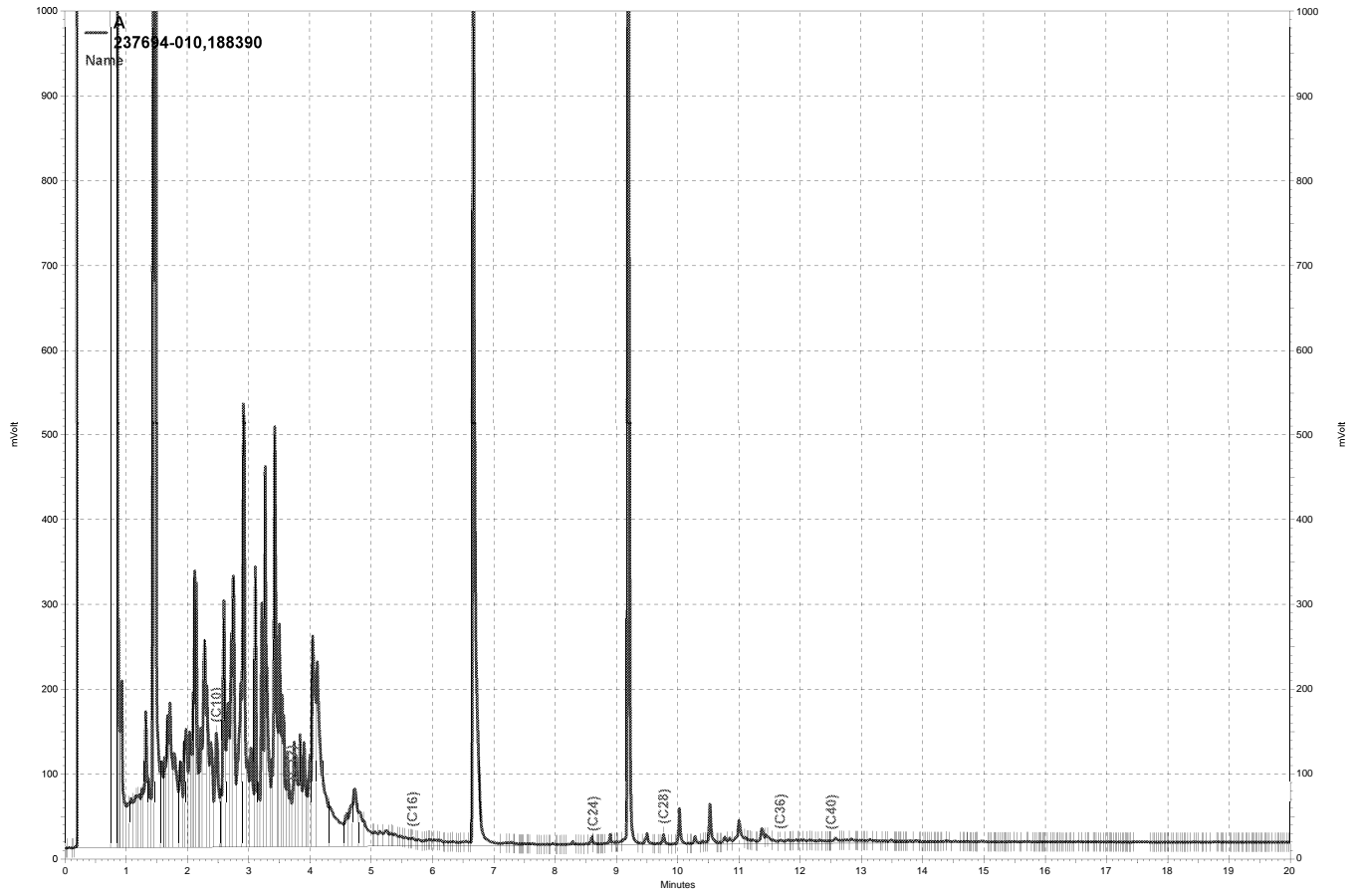
Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	49.80	69.29	108	32-143	6	54

Surrogate	%REC	Limits
o-Terphenyl	104	49-128

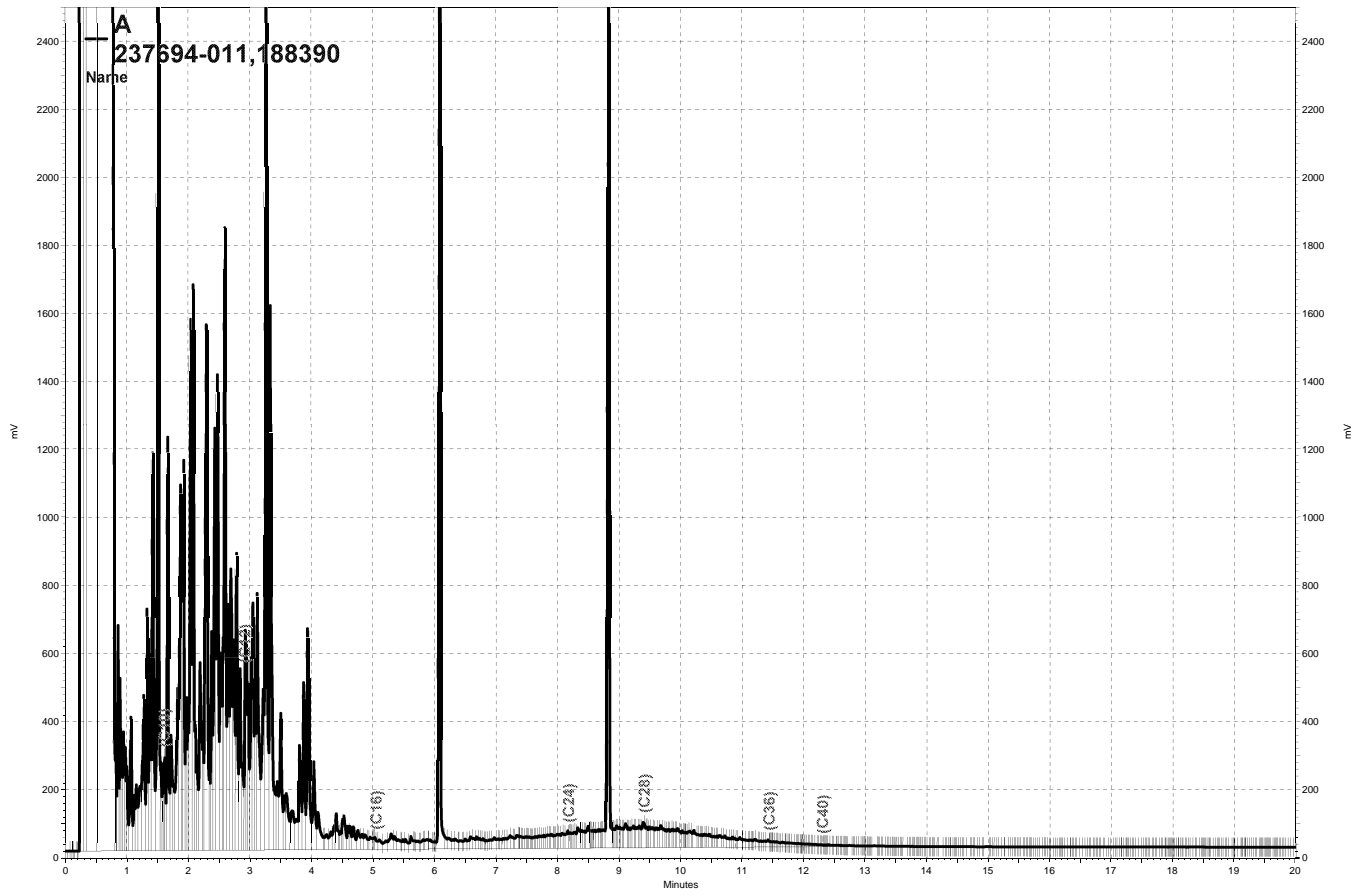
RPD= Relative Percent Difference



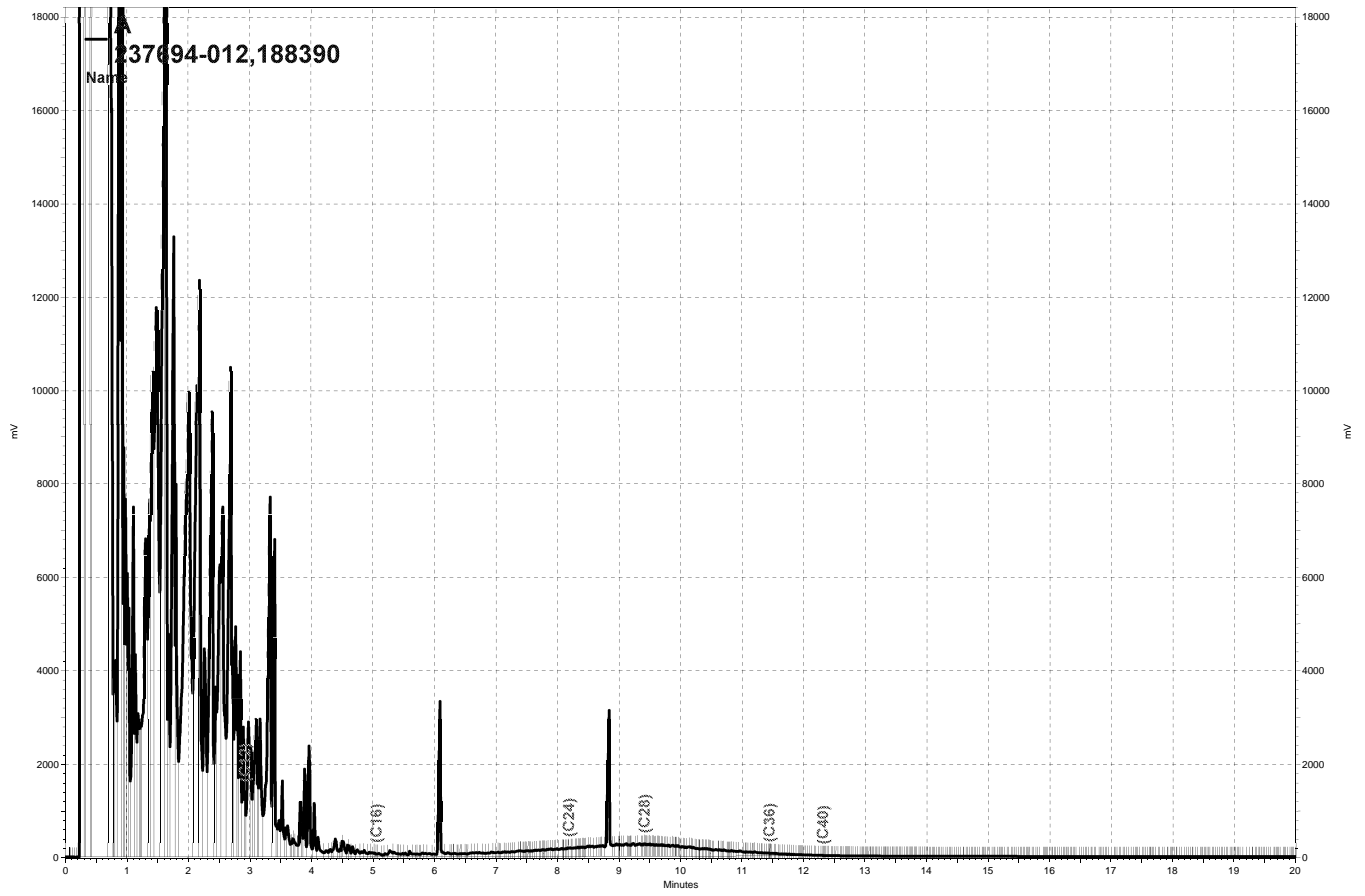
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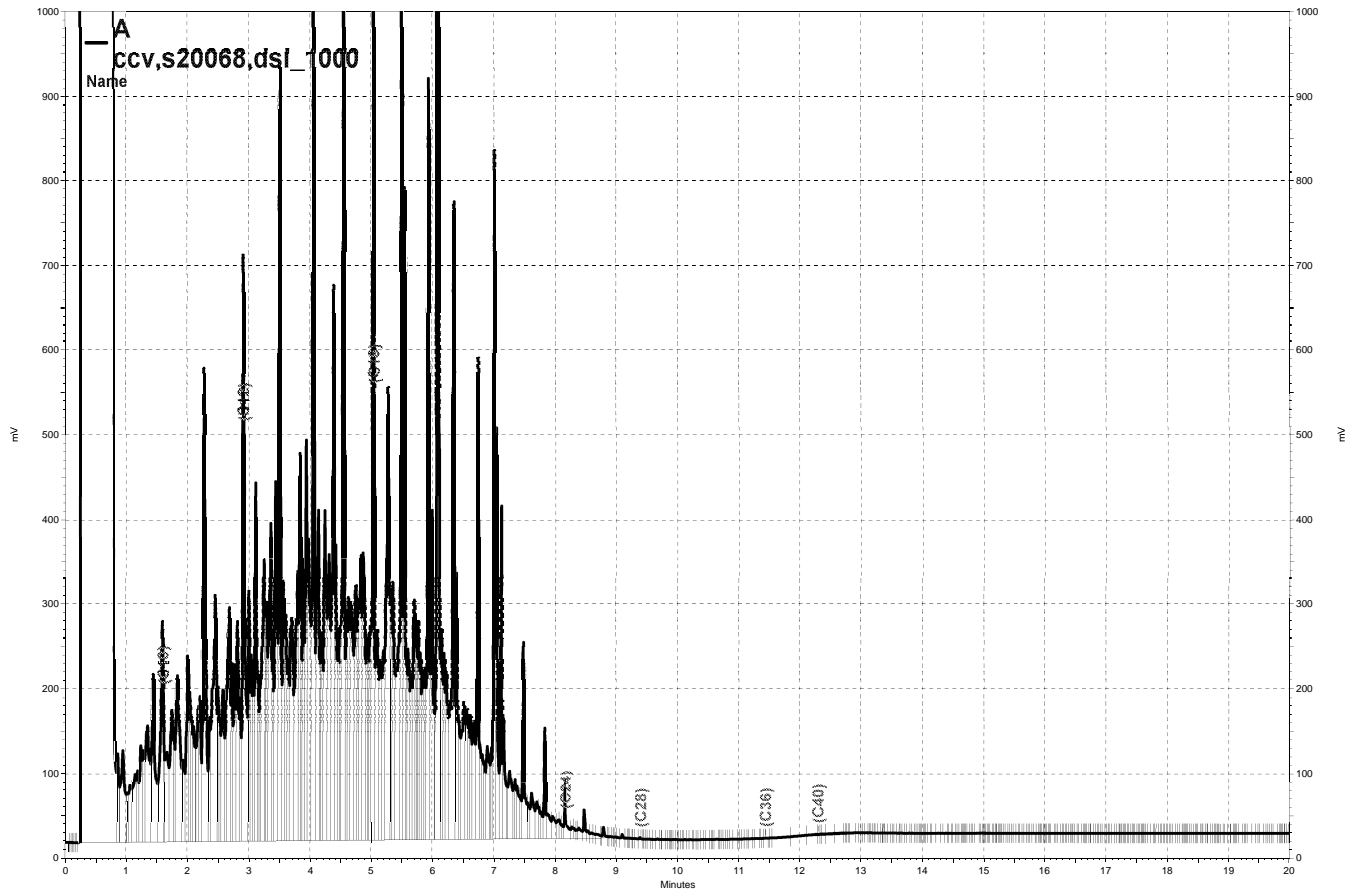
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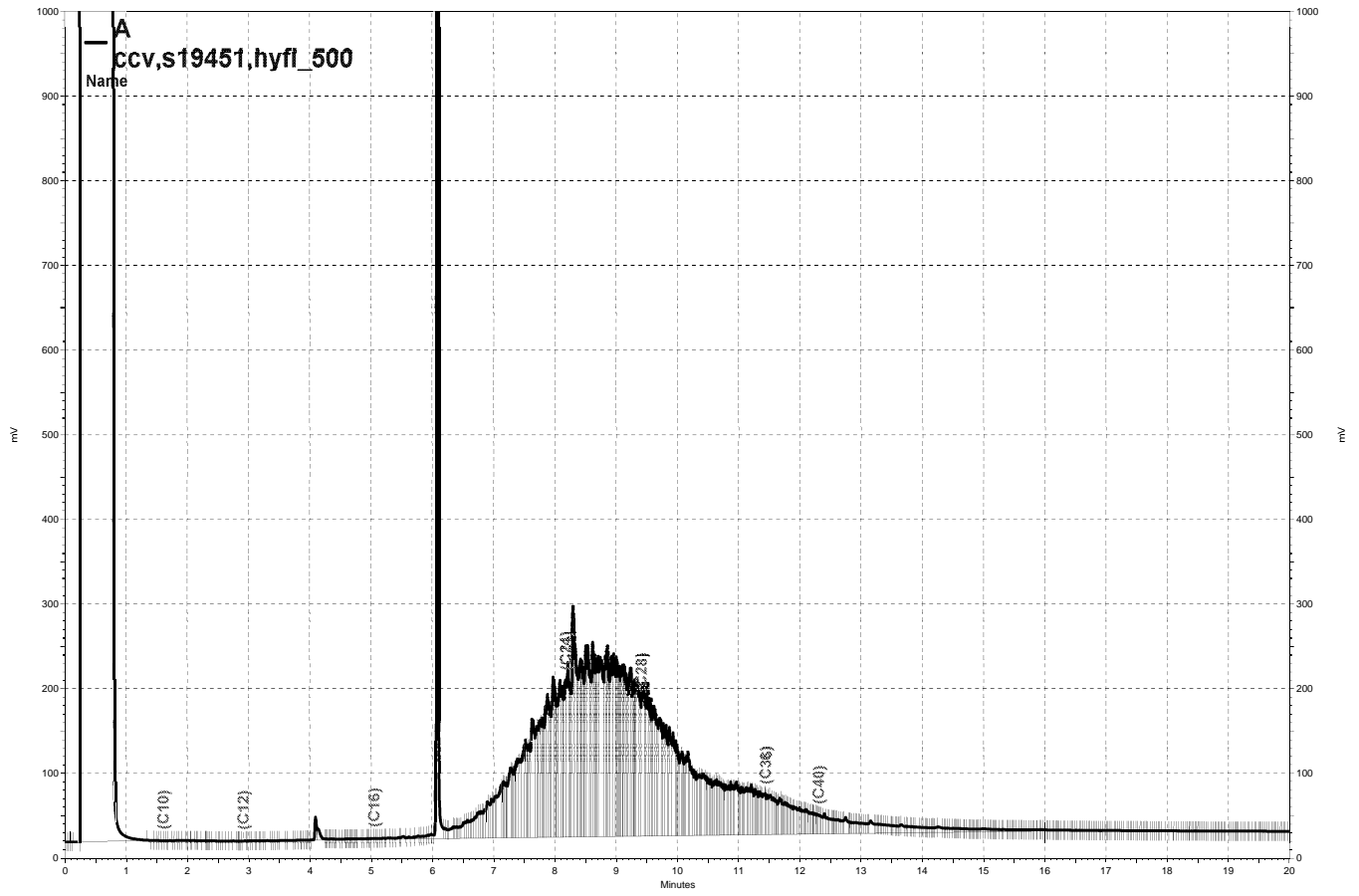
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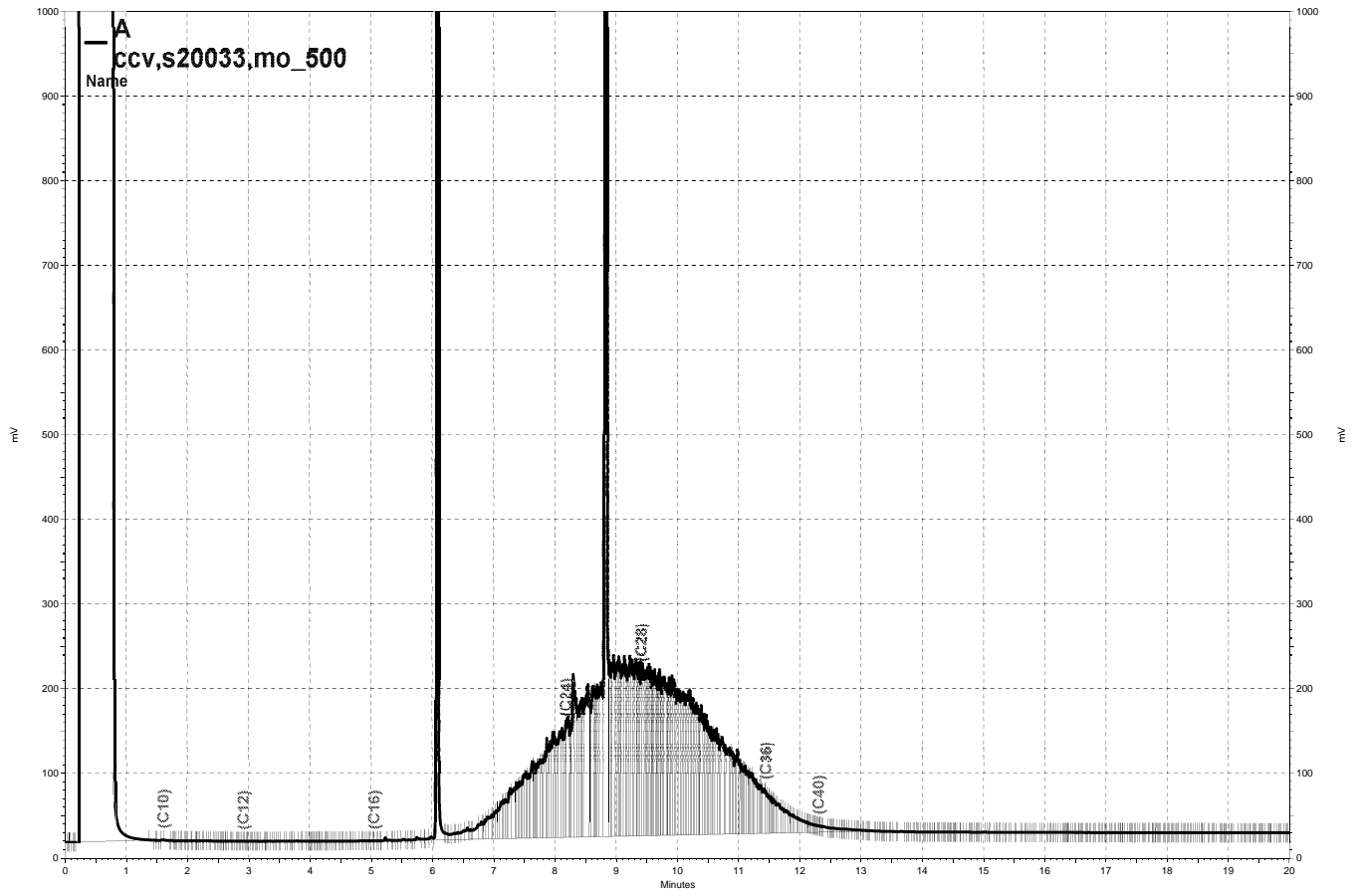


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### Purgeable Organics by GC/MS

Lab #:	237694	Location:	Salisbury Project
Client:	Eagle Env. Construction	Prep:	EPA 5030B
Project#:	SALISBURY PROJECT	Analysis:	EPA 8260B
Matrix:	Soil	Sampled:	07/03/12
Units:	ug/Kg	Received:	07/03/12
Basis:	as received		

Field ID:	MW1-5.5	Diln Fac:	0.9728
Type:	SAMPLE	Batch#:	188391
Lab ID:	237694-001	Analyzed:	07/11/12

Analyte	Result	RL
MTBE	ND	4.9
Benzene	ND	4.9
Toluene	ND	4.9
Ethylbenzene	ND	4.9
m,p-Xylenes	ND	4.9
o-Xylene	ND	4.9
Naphthalene	ND	4.9

Surrogate	%REC	Limits
Dibromofluoromethane	103	74-133
1,2-Dichloroethane-d4	100	74-136
Toluene-d8	94	80-120
Bromofluorobenzene	104	77-130

Field ID:	MW1-15.0	Diln Fac:	0.9346
Type:	SAMPLE	Batch#:	188391
Lab ID:	237694-003	Analyzed:	07/11/12

Analyte	Result	RL
MTBE	ND	4.7
Benzene	ND	4.7
Toluene	ND	4.7
Ethylbenzene	ND	4.7
m,p-Xylenes	ND	4.7
o-Xylene	ND	4.7
Naphthalene	ND	4.7

Surrogate	%REC	Limits
Dibromofluoromethane	106	74-133
1,2-Dichloroethane-d4	102	74-136
Toluene-d8	93	80-120
Bromofluorobenzene	103	77-130

Purgeable Organics by GC/MS			
Lab #:	237694	Location:	Salisbury Project
Client:	Eagle Env. Construction	Prep:	EPA 5030B
Project#:	SALISBURY PROJECT	Analysis:	EPA 8260B
Matrix:	Soil	Sampled:	07/03/12
Units:	ug/Kg	Received:	07/03/12
Basis:	as received		

Field ID: MW4-5.5 Diln Fac: 0.9671  
 Type: SAMPLE Batch#: 188391  
 Lab ID: 237694-005 Analyzed: 07/11/12

Analyte	Result	RL
MTBE	ND	4.8
Benzene	ND	4.8
Toluene	ND	4.8
Ethylbenzene	ND	4.8
m,p-Xylenes	ND	4.8
o-Xylene	ND	4.8
Naphthalene	ND	4.8

Surrogate	%REC	Limits
Dibromofluoromethane	110	74-133
1,2-Dichloroethane-d4	105	74-136
Toluene-d8	88	80-120
Bromofluorobenzene	100	77-130

Field ID: MW4-10.0 Diln Fac: 0.9579  
 Type: SAMPLE Batch#: 188391  
 Lab ID: 237694-007 Analyzed: 07/11/12

Analyte	Result	RL
MTBE	ND	4.8
Benzene	ND	4.8
Toluene	ND	4.8
Ethylbenzene	ND	4.8
m,p-Xylenes	ND	4.8
o-Xylene	ND	4.8
Naphthalene	ND	4.8

Surrogate	%REC	Limits
Dibromofluoromethane	111	74-133
1,2-Dichloroethane-d4	108	74-136
Toluene-d8	97	80-120
Bromofluorobenzene	104	77-130

ND= Not Detected  
 RL= Reporting Limit





Purgeable Organics by GC/MS			
Lab #:	237694	Location:	Salisbury Project
Client:	Eagle Env. Construction	Prep:	EPA 5030B
Project#:	SALISBURY PROJECT	Analysis:	EPA 8260B
Matrix:	Soil	Sampled:	07/03/12
Units:	ug/Kg	Received:	07/03/12
Basis:	as received		

Field ID: MW2-16.0 Diln Fac: 0.9174  
 Type: SAMPLE Batch#: 188419  
 Lab ID: 237694-013 Analyzed: 07/12/12

Analyte	Result	RL
MTBE	ND	4.6
Benzene	ND	4.6
Toluene	ND	4.6
Ethylbenzene	ND	4.6
m,p-Xylenes	ND	4.6
o-Xylene	ND	4.6
Naphthalene	ND	4.6

Surrogate	%REC	Limits
Dibromofluoromethane	104	74-133
1,2-Dichloroethane-d4	103	74-136
Toluene-d8	98	80-120
Bromofluorobenzene	101	77-130

Type: BLANK Batch#: 188391  
 Lab ID: QC647400 Analyzed: 07/11/12  
 Diln Fac: 1.000

Analyte	Result	RL
MTBE	ND	5.0
Benzene	ND	5.0
Toluene	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Naphthalene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	105	74-133
1,2-Dichloroethane-d4	103	74-136
Toluene-d8	99	80-120
Bromofluorobenzene	105	77-130



## Batch QC Report

Purgeable Organics by GC/MS			
Lab #:	237694	Location:	Salisbury Project
Client:	Eagle Env. Construction	Prep:	EPA 5030B
Project#:	SALISBURY PROJECT	Analysis:	EPA 8260B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC647401	Batch#:	188391
Matrix:	Soil	Analyzed:	07/11/12
Units:	ug/Kg		

Analyte	Spiked	Result	%REC	Limits
Benzene	20.00	22.53	113	78-125
Toluene	20.00	18.90	95	79-120

Surrogate	%REC	Limits
Dibromofluoromethane	97	74-133
1,2-Dichloroethane-d4	96	74-136
Toluene-d8	87	80-120
Bromofluorobenzene	101	77-130



**Batch QC Report**

<b>Purgeable Organics by GC/MS</b>			
Lab #:	237694	Location:	Salisbury Project
Client:	Eagle Env. Construction	Prep:	EPA 5030B
Project#:	SALISBURY PROJECT	Analysis:	EPA 8260B
Field ID:	MW1-5.5	Diln Fac:	0.9579
MSS Lab ID:	237694-001	Batch#:	188391
Matrix:	Soil	Sampled:	07/03/12
Units:	ug/Kg	Received:	07/03/12
Basis:	as received	Analyzed:	07/11/12

Type: MS Lab ID: QC647402

Analyte	MSS Result	Spiked	Result	%REC	Limits
Benzene	<0.4244	47.89	44.49	93	58-122
Toluene	<0.3083	47.89	36.47	76	54-120

Surrogate	%REC	Limits
Dibromofluoromethane	102	74-133
1,2-Dichloroethane-d4	103	74-136
Toluene-d8	90	80-120
Bromofluorobenzene	99	77-130

Type: MSD Lab ID: QC647403

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Benzene	47.89	55.17	115	58-122	21	37
Toluene	47.89	44.44	93	54-120	20	35

Surrogate	%REC	Limits
Dibromofluoromethane	107	74-133
1,2-Dichloroethane-d4	110	74-136
Toluene-d8	91	80-120
Bromofluorobenzene	99	77-130

RPD= Relative Percent Difference

## Batch QC Report

Purgeable Organics by GC/MS			
Lab #:	237694	Location:	Salisbury Project
Client:	Eagle Env. Construction	Prep:	EPA 5030B
Project#:	SALISBURY PROJECT	Analysis:	EPA 8260B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC647520	Batch#:	188419
Matrix:	Soil	Analyzed:	07/12/12
Units:	ug/Kg		

Analyte	Spiked	Result	%REC	Limits
Benzene	30.00	28.69	96	78-125
Toluene	30.00	29.05	97	79-120

Surrogate	%REC	Limits
Dibromofluoromethane	100	74-133
1,2-Dichloroethane-d4	96	74-136
Toluene-d8	101	80-120
Bromofluorobenzene	97	77-130

**Batch QC Report**

Purgeable Organics by GC/MS			
Lab #:	237694	Location:	Salisbury Project
Client:	Eagle Env. Construction	Prep:	EPA 5030B
Project#:	SALISBURY PROJECT	Analysis:	EPA 8260B
Field ID:	ZZZZZZZZZZ	Batch#:	188419
MSS Lab ID:	237782-003	Sampled:	07/09/12
Matrix:	Soil	Received:	07/10/12
Units:	ug/Kg	Analyzed:	07/12/12
Basis:	as received		

Type: MS Diln Fac: 0.9921  
 Lab ID: QC647533

Analyte	MSS Result	Spiked	Result	%REC	Limits
Benzene	<0.3960	49.60	39.56	80	58-122
Toluene	<1.084	49.60	39.02	79	54-120

Surrogate	%REC	Limits
Dibromofluoromethane	101	74-133
1,2-Dichloroethane-d4	102	74-136
Toluene-d8	100	80-120
Bromofluorobenzene	103	77-130

Type: MSD Diln Fac: 0.9747  
 Lab ID: QC647534

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Benzene	48.73	43.47	89	58-122	11	37
Toluene	48.73	40.61	83	54-120	6	35

Surrogate	%REC	Limits
Dibromofluoromethane	105	74-133
1,2-Dichloroethane-d4	107	74-136
Toluene-d8	98	80-120
Bromofluorobenzene	101	77-130

RPD= Relative Percent Difference

## Batch QC Report

Purgeable Organics by GC/MS			
Lab #:	237694	Location:	Salisbury Project
Client:	Eagle Env. Construction	Prep:	EPA 5030B
Project#:	SALISBURY PROJECT	Analysis:	EPA 8260B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC647718	Batch#:	188464
Matrix:	Soil	Analyzed:	07/13/12
Units:	ug/Kg		

Analyte	Spiked	Result	%REC	Limits
Benzene	25.00	23.66	95	78-125
Toluene	25.00	23.41	94	79-120

Surrogate	%REC	Limits
Dibromofluoromethane	96	74-133
1,2-Dichloroethane-d4	99	74-136
Toluene-d8	97	80-120
Bromofluorobenzene	95	77-130

**Batch QC Report**

Purgeable Organics by GC/MS			
Lab #:	237694	Location:	Salisbury Project
Client:	Eagle Env. Construction	Prep:	EPA 5030B
Project#:	SALISBURY PROJECT	Analysis:	EPA 8260B
Field ID:	ZZZZZZZZZZ	Batch#:	188464
MSS Lab ID:	237879-023	Sampled:	07/12/12
Matrix:	Soil	Received:	07/12/12
Units:	ug/Kg	Analyzed:	07/13/12
Basis:	as received		

Type: MS Diln Fac: 0.9940  
 Lab ID: QC647765

Analyte	MSS Result	Spiked	Result	%REC	Limits
Benzene	<0.3922	49.70	44.70	90	58-122
Toluene	<1.073	49.70	39.44	79	54-120

Surrogate	%REC	Limits
Dibromofluoromethane	102	74-133
1,2-Dichloroethane-d4	106	74-136
Toluene-d8	95	80-120
Bromofluorobenzene	100	77-130

Type: MSD Diln Fac: 0.9823  
 Lab ID: QC647766

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Benzene	49.12	45.77	93	58-122	4	37
Toluene	49.12	41.83	85	54-120	7	35

Surrogate	%REC	Limits
Dibromofluoromethane	108	74-133
1,2-Dichloroethane-d4	114	74-136
Toluene-d8	96	80-120
Bromofluorobenzene	105	77-130

RPD= Relative Percent Difference











**Batch QC Report**

<b>California LUFT Metals</b>			
Lab #:	237694	Location:	Salisbury Project
Client:	Eagle Env. Construction	Prep:	EPA 3050B
Project#:	SALISBURY PROJECT	Analysis:	EPA 6010B
Field ID:	ZZZZZZZZZZ	Batch#:	188417
MSS Lab ID:	237780-001	Sampled:	07/06/12
Matrix:	Soil	Received:	07/10/12
Units:	mg/Kg	Prepared:	07/11/12
Basis:	as received	Analyzed:	07/12/12
Diln Fac:	1.000		

Type: MS Lab ID: QC647508

Analyte	MSS Result	Spiked	Result	%REC	Limits
Cadmium	2.571	10.00	11.23	87	72-120
Chromium	25.48	100.0	110.3	85	60-125
Lead	33.28	100.0	171.6	138 *	57-126
Nickel	17.64	25.00	39.19	86	45-139
Zinc	165.3	25.00	182.0	67 NM	41-148

Type: MSD Lab ID: QC647509

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Cadmium	9.524	11.17	90	72-120	3	30
Chromium	95.24	113.7	93	60-125	7	34
Lead	95.24	112.0	83	57-126	39	43
Nickel	23.81	40.13	94	45-139	5	37
Zinc	23.81	191.1	108 NM	41-148	6	38

\*= Value outside of QC limits; see narrative

NM= Not Meaningful: Sample concentration > 4X spike concentration

RPD= Relative Percent Difference





Curtis & Tompkins, Ltd.

Analytical Laboratories, Since 1878





Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878

2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

**Laboratory Job Number 237758  
ANALYTICAL REPORT**

Eagle Env. Construction  
3150 Hilltop Road  
Richmond, CA 94806

Project : SALISBURY PROJECT  
Location : Salisbury Project  
Level : II

<u>Sample ID</u>	<u>Lab ID</u>
MW-1	237758-001
MW-2	237758-002
MW-3	237758-003
MW-4	237758-004

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

Signature:   
Project Manager

Date: 07/23/2012

NELAP # 01107CA

### CASE NARRATIVE

Laboratory number: 237758  
Client: Eagle Env. Construction  
Project: SALISBURY PROJECT  
Location: Salisbury Project  
Request Date: 07/09/12  
Samples Received: 07/09/12

This data package contains sample and QC results for four water samples, requested for the above referenced project on 07/09/12. The samples were received cold and intact.

**TPH-Purgeables and/or BTXE by GC (EPA 8015B):**

No analytical problems were encountered.

**TPH-Extractables by GC (EPA 8015B):**

High surrogate recovery was observed for o-terphenyl in MW-1 (lab # 237758-001); no target analytes were detected in the sample. No other analytical problems were encountered.

**Volatile Organics by GC/MS (EPA 8260B):**

No analytical problems were encountered.

**Metals (EPA 6010B):**

No analytical problems were encountered.

# CHAIN OF CUSTODY

Geotracker Global ID 70619778840 Page 1 of 2

Chain of Custody # \_\_\_\_\_

2323 Fifth Street  
 Berkeley, CA 94710

Phone (510) 486-0900  
 Fax (510) 486-0532

C&T LOGIN # 237758

Project No: \_\_\_\_\_ Sampler: EFC S.M.  
 Project Name: SALISBURY Project Report To: SAMI MALAEB  
 Project P. O. No: 2145 35th Ave. Company: EFC  
Oakland, CA Telephone: (925) 858-9608  
 EDD Format:  Report Level  II  III  IV  
 Turnaround Time:  RUSH  Standard Email: S.MALAEB@COMCAST.NET

ANALYTICAL REQUEST											
Lab No.	Sample ID.	Date Collected	Time Collected	Water	Solid	# of Containers	HCl	H2SO4	HNO3	NaOH	COLD Note
1	MW-1	07/09/12	10:15	x		3	x				
	MW-1	"	10:15	x		3	x				
	MW-1	"	10:15	x		1					x
	MW-1	"	10:15	x		1					x
2	MW-2	"	12:15	x		3	x				
	MW-2	"	12:15	x		3	x				
	MW-2	"	12:15	x		1					x
	MW-2	"	12:15	x		1					x
3	MW-3	"	11:35	x		3	x				
	MW-3	"	11:35	x		3	x				
	MW-3	"	11:35	x		1					x
	MW-3	"	11:35	x		1					x

TPH-6; TPH-SS by 8015 R	NAPHTHALENE & MTBE by 8260	TPH-D; TPH-MQ, TPH-Hydrocarbons by 011	LUFT FIVE METALS
X			
	X		
		X	
			X
X			
	X		
		X	
			X
X			
	X		
		X	
			X

Notes: *please filter plastic containers same day for LUFT 5 Metal Analysis.*

SAMPLE RECEIPT  
 Intact  
 Cold  
 On Ice  
 Ambient

RELINQUISHED BY:  
*[Signature]* DATE: 07/09/2012 TIME: 14:10  
 DATE: TIME:  
 DATE: TIME:

RECEIVED BY:  
*[Signature]* DATE: 7/9/12 TIME: 1410  
 DATE: TIME:  
 DATE: TIME:



# CHAIN OF CUSTODY

Geotracker Global ID 70619778840 Page 2 of 2

Chain of Custody # \_\_\_\_\_

2323 Fifth Street  
 Berkeley, CA 94710

Phone (510) 486-0900  
 Fax (510) 486-0532

C&T LOGIN # 237758

Project No: \_\_\_\_\_ Sampler: EFC S.M.  
 Project Name # SALISBURY Project Report To: SAMP MALAEB  
 Project P. O. No: 2145 35th Ave. Company: EFC  
Oakland, CA Telephone: (925) 858-9608  
 EDD Format:  Report Level  II  III  IV  
 Turnaround Time:  RUSH  Standard Email: S.MALAEB@COMCAST.NET

Lab No.	Sample ID.	SAMPLING		MATRIX		# of Containers	CHEMICAL PRESERVATIVE					
		Date Collected	Time Collected	Water	Solid		HCl	H2SO4	HNO3	NaOH	Other	
4	MW-4	07/19/12	11:00a	X		3	X					
	MW-4	"	11:50a	X		3	X					
	MW-4	"	11:00a	X		1					X	
	MW-4	"	11:00a	X		1					X	

ANALYTICAL REQUEST											
X	TPH-6;TPH-SS by 8015R										
	NAPHTHALENE & MTBE by 8260	X									
	TPH-D; TPH-Mo, TPH-Hydrocarb; 0.1		X								
	LOFT FIVE METALS			X							

Notes: \_\_\_\_\_

**SAMPLE RECEIPT**

Intact  
 Cold  
 On Ice  
 Ambient

**RELINQUISHED BY:**  
[Signature]  
 DATE: 07/09/12 TIME: 14:10

DATE: \_\_\_\_\_ TIME: \_\_\_\_\_

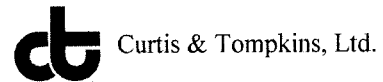
DATE: \_\_\_\_\_ TIME: \_\_\_\_\_

**RECEIVED BY:**  
[Signature]  
 DATE: 7/19/12 TIME: 1410

DATE: \_\_\_\_\_ TIME: \_\_\_\_\_

DATE: \_\_\_\_\_ TIME: \_\_\_\_\_

COOLER RECEIPT CHECKLIST



Login # 237758 Date Received 7/9/12 Number of coolers 1
Client EEC Project Salisbury Project

Date Opened 7/9/12 By (print) Eileen Leung (sign) [Signature]
Date Logged in [Arrow] By (print) [Arrow] (sign) [Arrow]

1. Did cooler come with a shipping slip (airbill, etc) YES NO
Shipping info

2A. Were custody seals present? ... YES (circle) on cooler on samples NO
How many Name Date

2B. Were custody seals intact upon arrival? YES NO N/A

3. Were custody papers dry and intact when received? YES NO

4. Were custody papers filled out properly (ink, signed, etc)? YES NO

5. Is the project identifiable from custody papers? (If so fill out top of form) YES NO

6. Indicate the packing in cooler: (if other, describe)

- Bubble Wrap, Cloth material, Foam blocks, Cardboard, Bags, Styrofoam, None, Paper towels

7. Temperature documentation: \* Notify PM if temperature exceeds 6°C

Type of ice used: Wet Blue/Gel None Temp(°C) 9.1

Samples Received on ice & cold without a temperature blank; temp. taken with IR gun

Samples received on ice directly from the field. Cooling process had begun

8. Were Method 5035 sampling containers present? YES NO

If YES, what time were they transferred to freezer?

9. Did all bottles arrive unbroken/unopened? YES NO

10. Are there any missing / extra samples? YES NO

11. Are samples in the appropriate containers for indicated tests? YES NO

12. Are sample labels present, in good condition and complete? YES NO

13. Do the sample labels agree with custody papers? YES NO

14. Was sufficient amount of sample sent for tests requested? YES NO

15. Are the samples appropriately preserved? YES NO N/A

16. Did you check preservatives for all bottles for each sample? YES NO N/A

17. Did you document your preservative check? YES NO N/A

18. Did you change the hold time in LIMS for unpreserved VOAs? YES NO N/A

19. Did you change the hold time in LIMS for preserved terracores? YES NO N/A

20. Are bubbles > 6mm absent in VOA samples? YES NO N/A

21. Was the client contacted concerning this sample delivery? YES NO

If YES, Who was called? By Date:

COMMENTS

Blank lines for handwritten comments.







## Batch QC Report

Total Volatile Hydrocarbons			
Lab #:	237758	Location:	Salisbury Project
Client:	Eagle Env. Construction	Prep:	EPA 5030B
Project#:	SALISBURY PROJECT	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC648609	Batch#:	188682
Matrix:	Water	Analyzed:	07/20/12
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	1,000	925.1	93	79-120

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	92	76-121

## Batch QC Report

Total Volatile Hydrocarbons			
Lab #:	237758	Location:	Salisbury Project
Client:	Eagle Env. Construction	Prep:	EPA 5030B
Project#:	SALISBURY PROJECT	Analysis:	EPA 8015B
Field ID:	MW-1	Batch#:	188682
MSS Lab ID:	237758-001	Sampled:	07/09/12
Matrix:	Water	Received:	07/09/12
Units:	ug/L	Analyzed:	07/21/12
Diln Fac:	1.000		

Type: MS Lab ID: QC648611

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	17.18	2,000	2,017	100	68-120

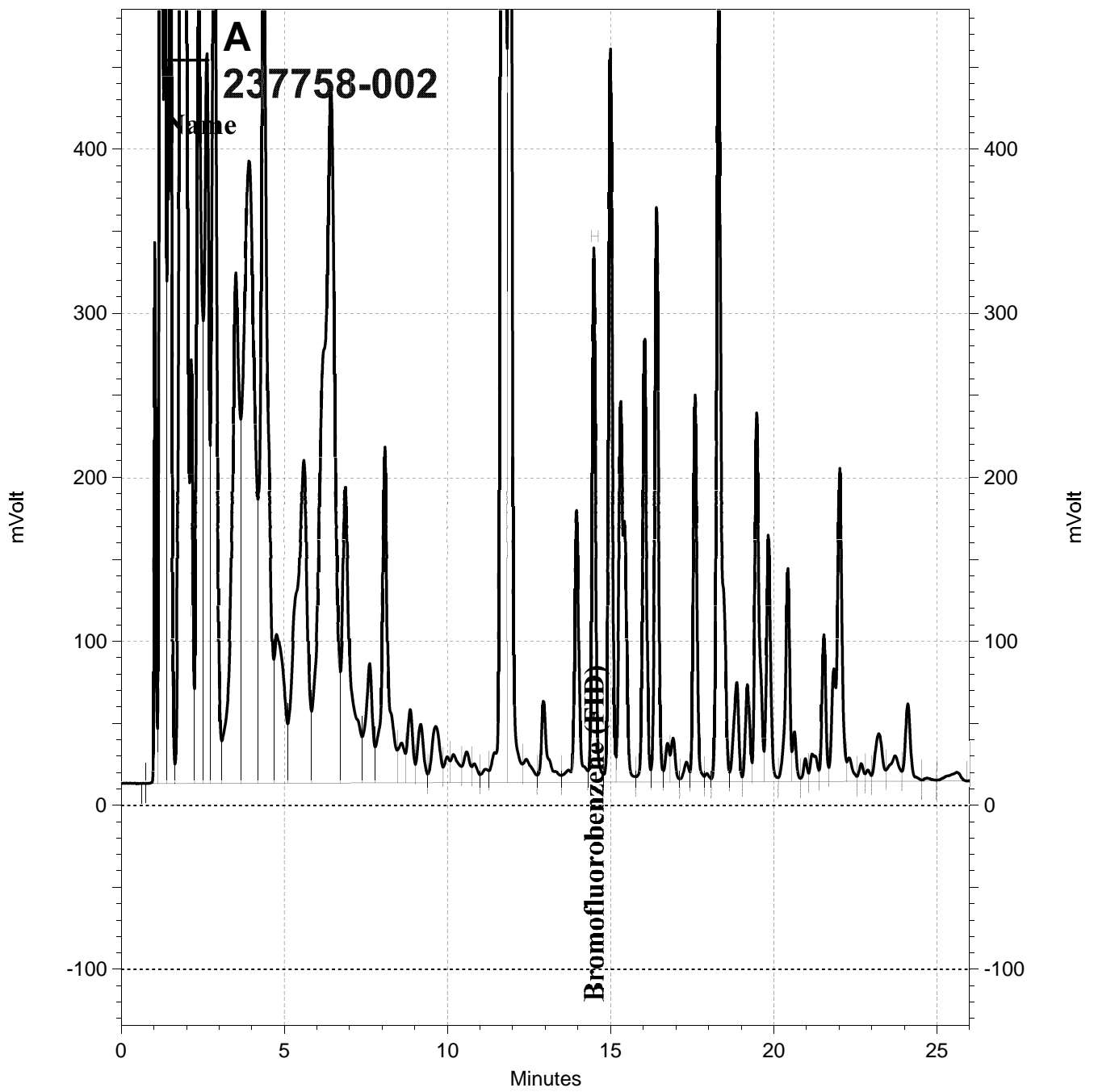
Surrogate	%REC	Limits
Bromofluorobenzene (FID)	106	76-121

Type: MSD Lab ID: QC648612

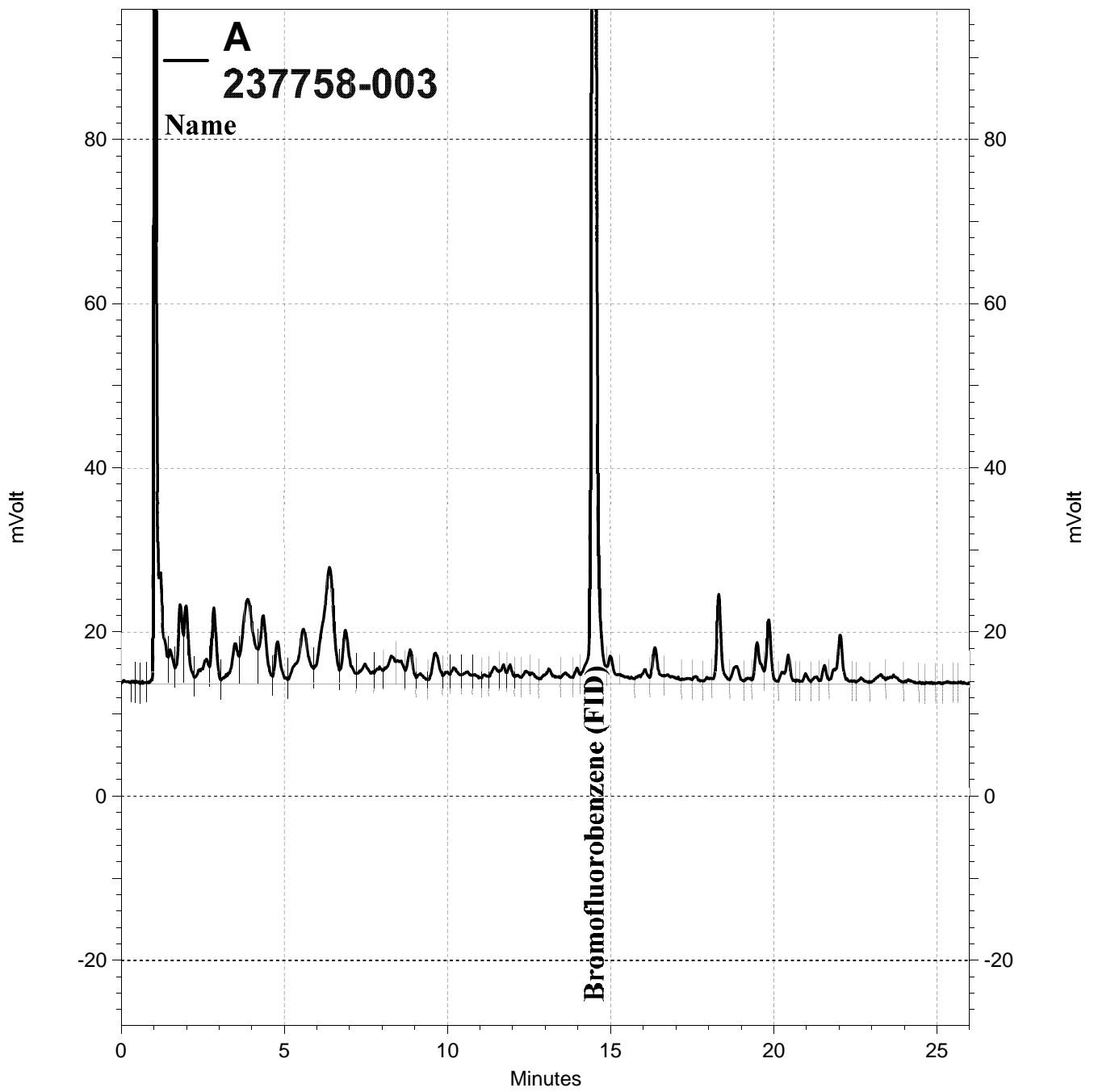
Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2,000	1,967	97	68-120	3	21

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	107	76-121

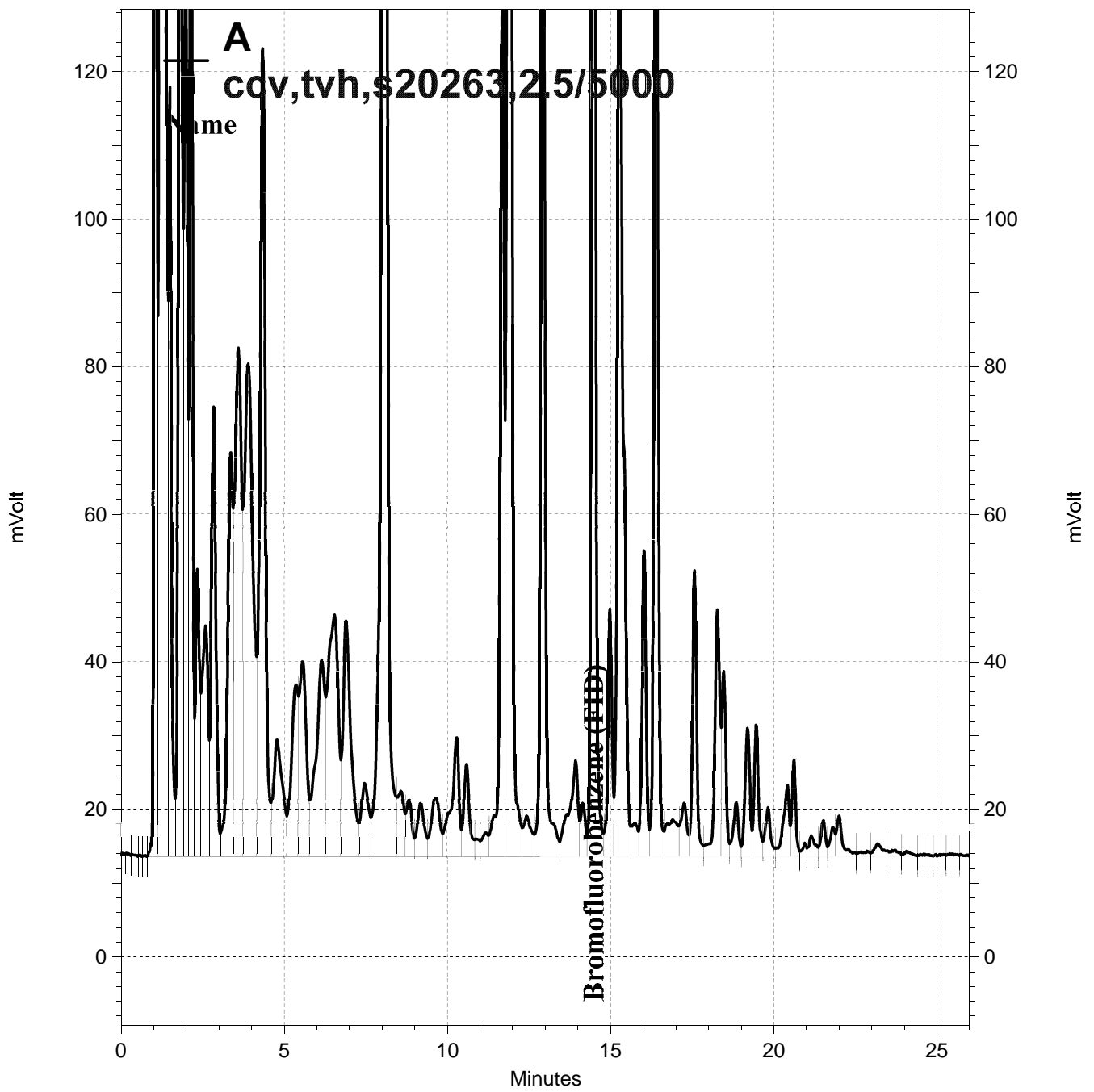
RPD= Relative Percent Difference



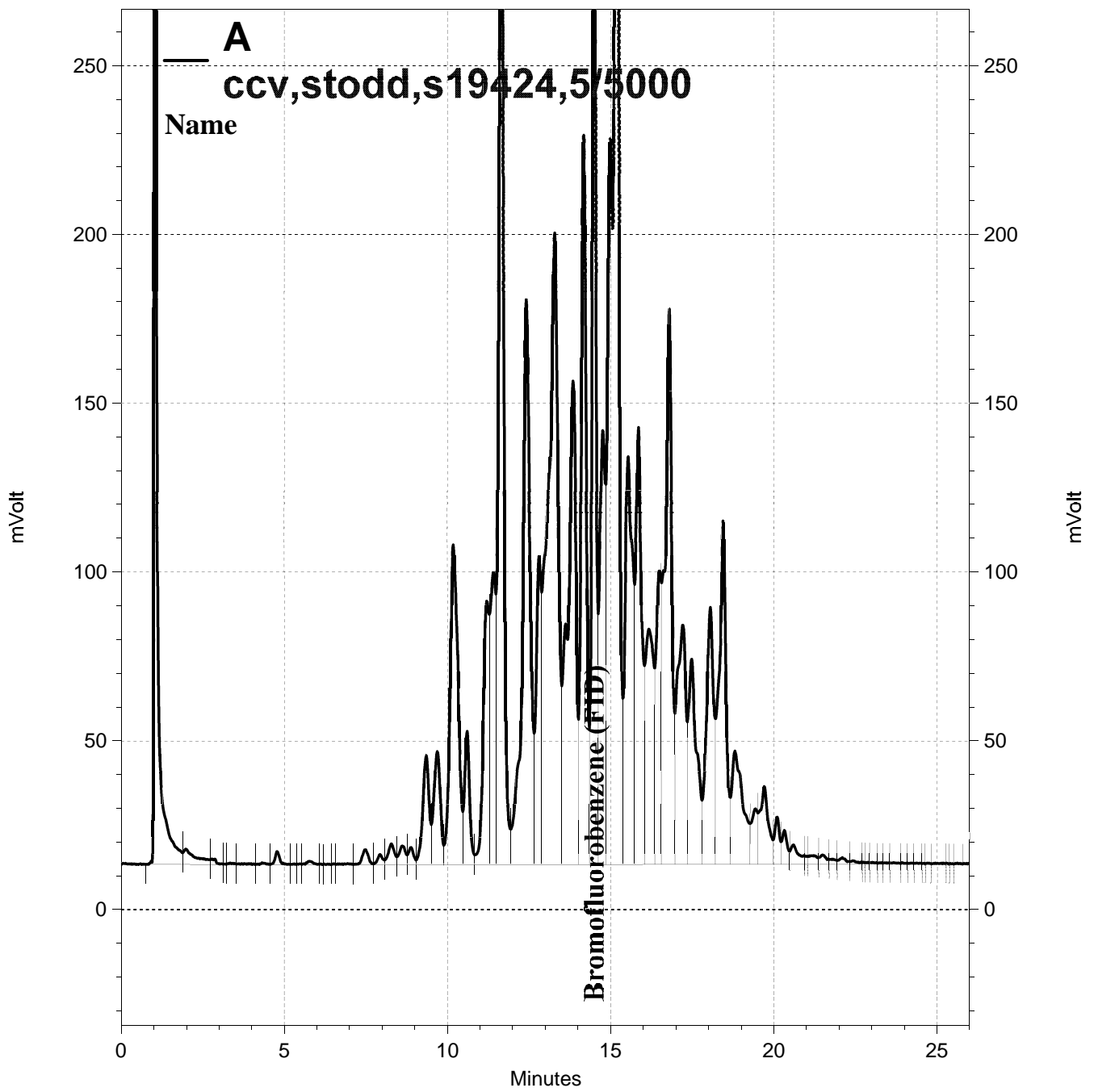
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— \\Lims\gdrive\ezchrom\Projects\GC04\Data\202-004, A







## Batch QC Report

Total Extractable Hydrocarbons			
Lab #:	237758	Location:	Salisbury Project
Client:	Eagle Env. Construction	Prep:	EPA 3520C
Project#:	SALISBURY PROJECT	Analysis:	EPA 8015B
Matrix:	Water	Batch#:	188369
Units:	ug/L	Prepared:	07/10/12
Diln Fac:	1.000	Analyzed:	07/11/12

Type: BS Lab ID: QC647305

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	2,500	2,462	98	59-120

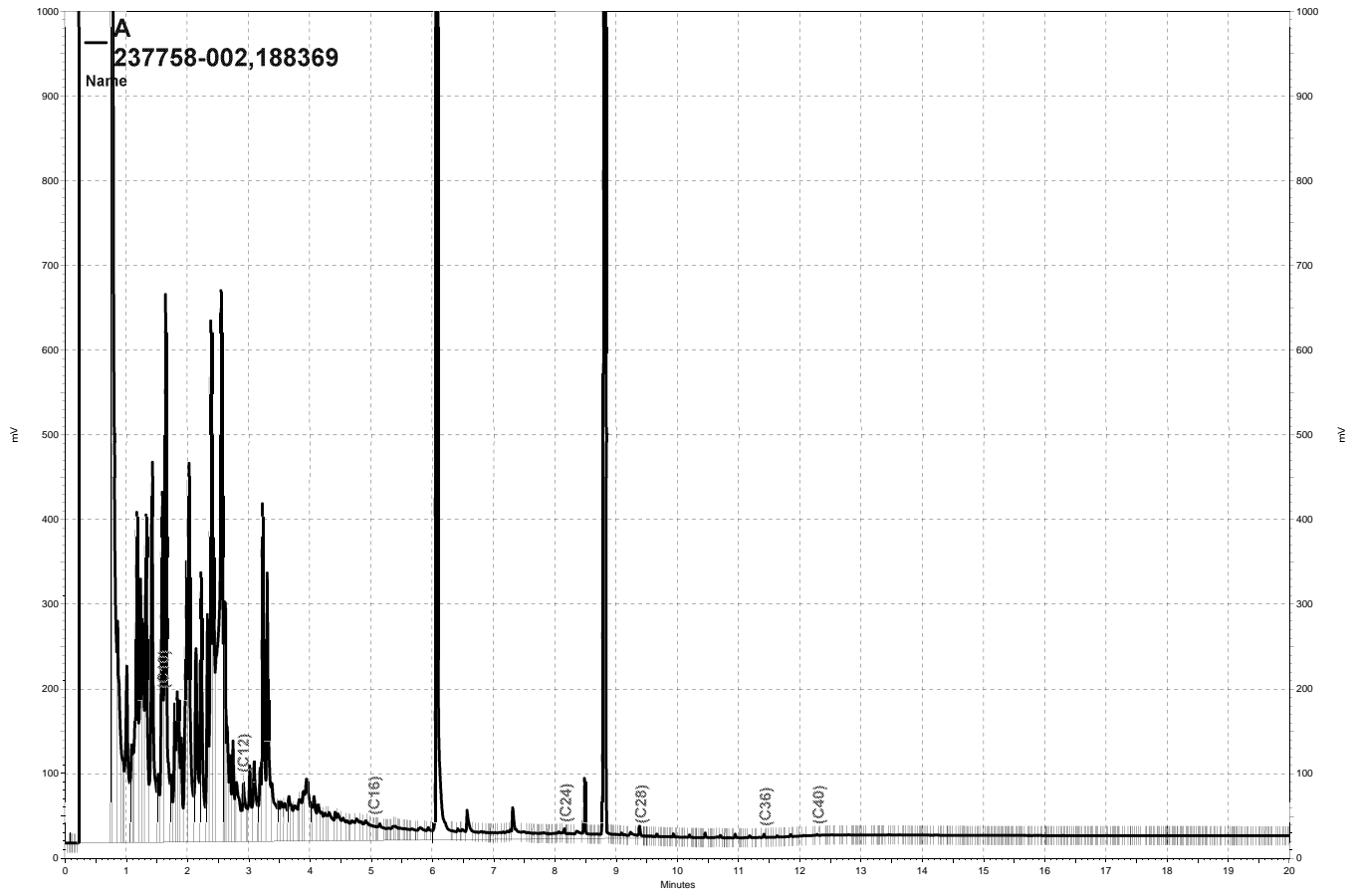
Surrogate	%REC	Limits
o-Terphenyl	129	61-129

Type: BSD Lab ID: QC647306

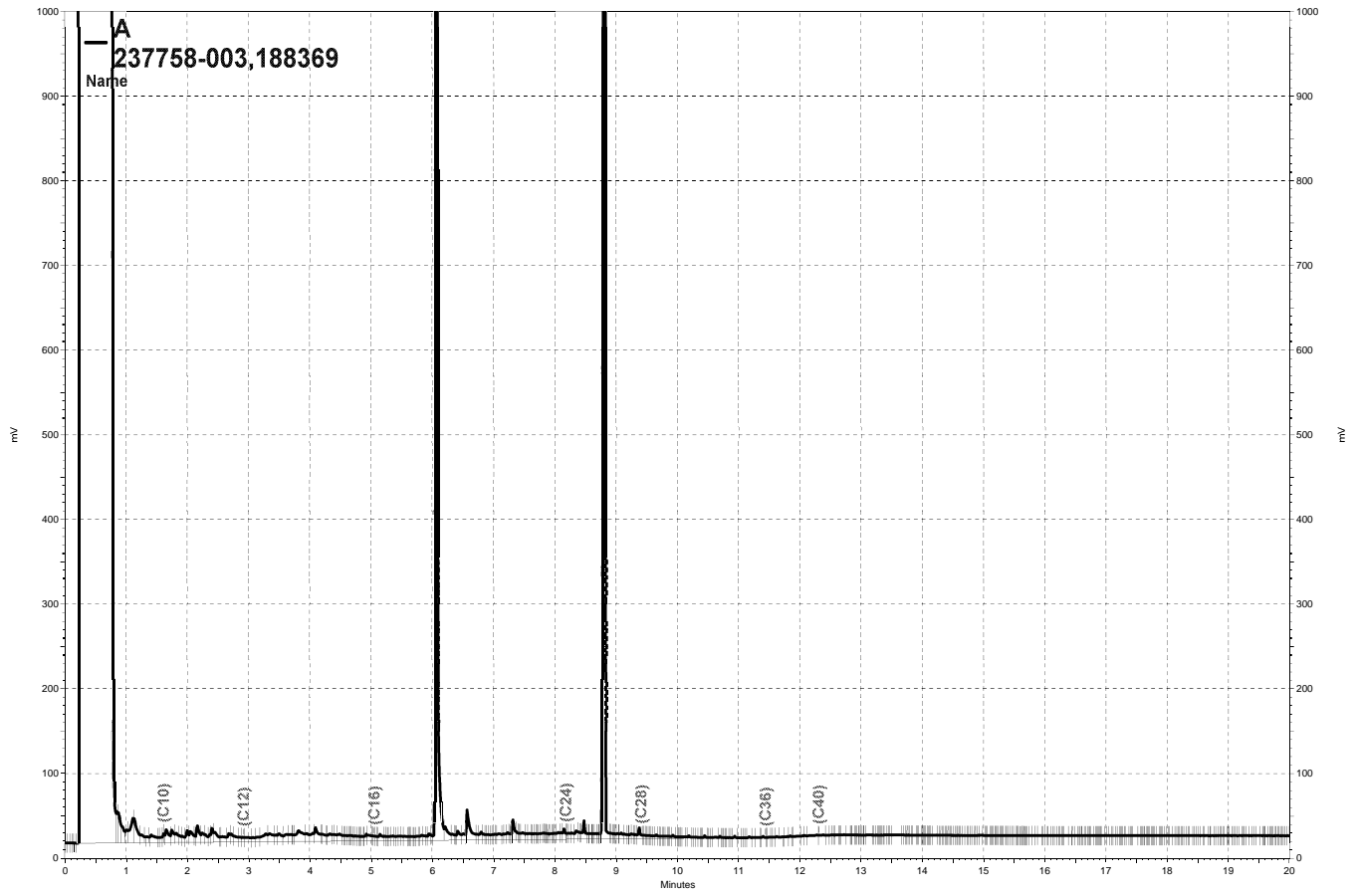
Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	2,500	2,477	99	59-120	1	52

Surrogate	%REC	Limits
o-Terphenyl	128	61-129

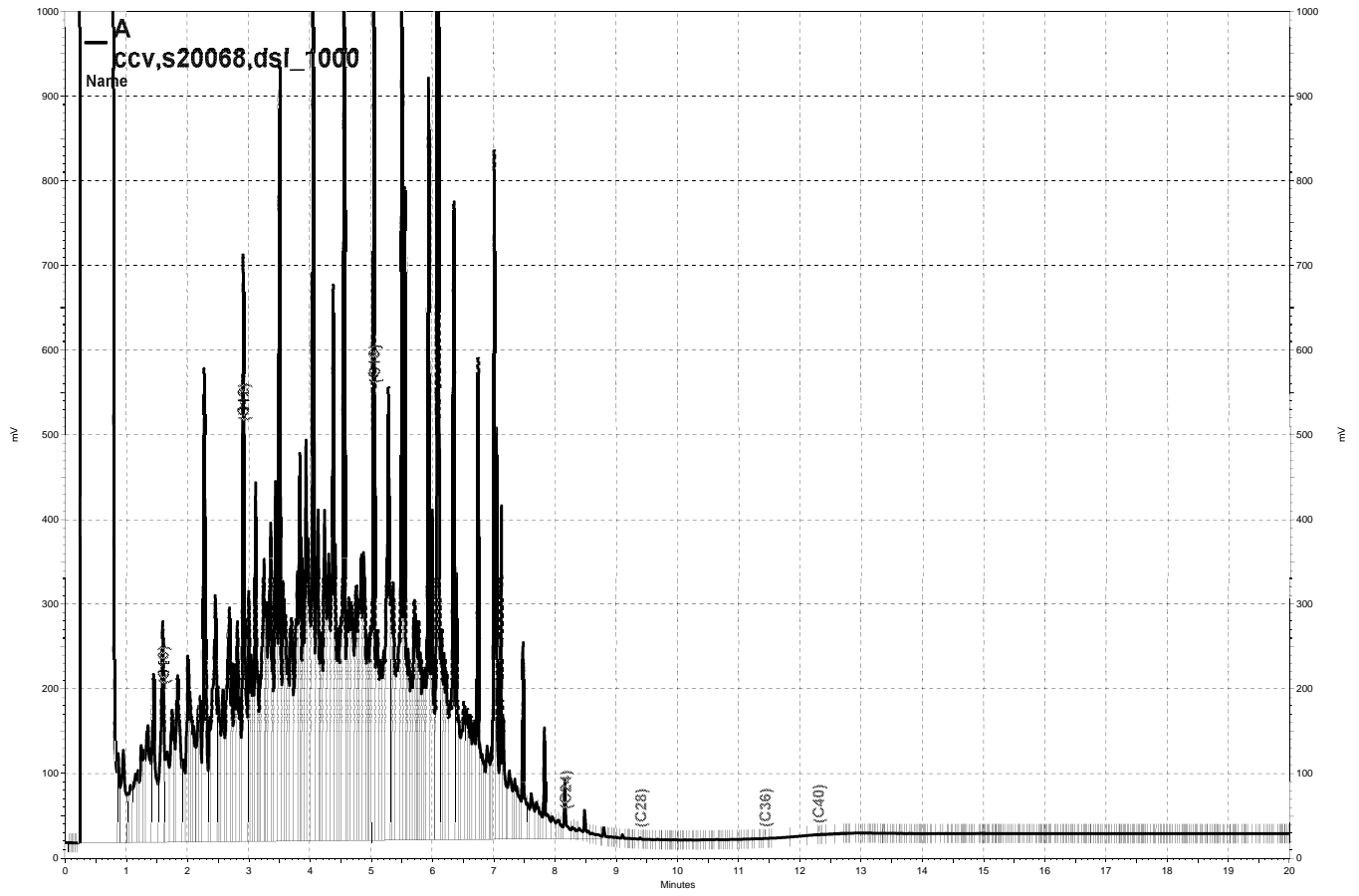
RPD= Relative Percent Difference



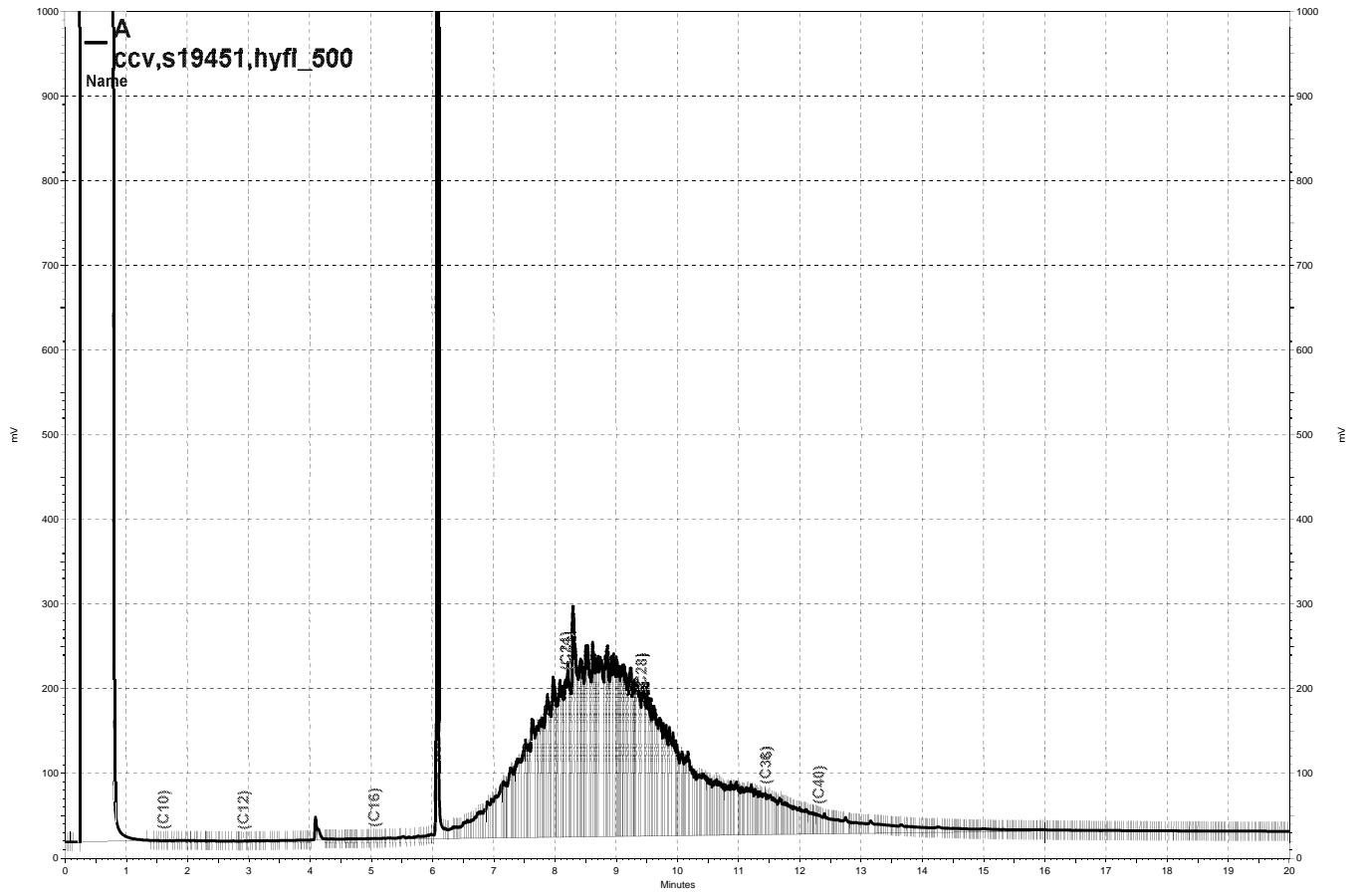
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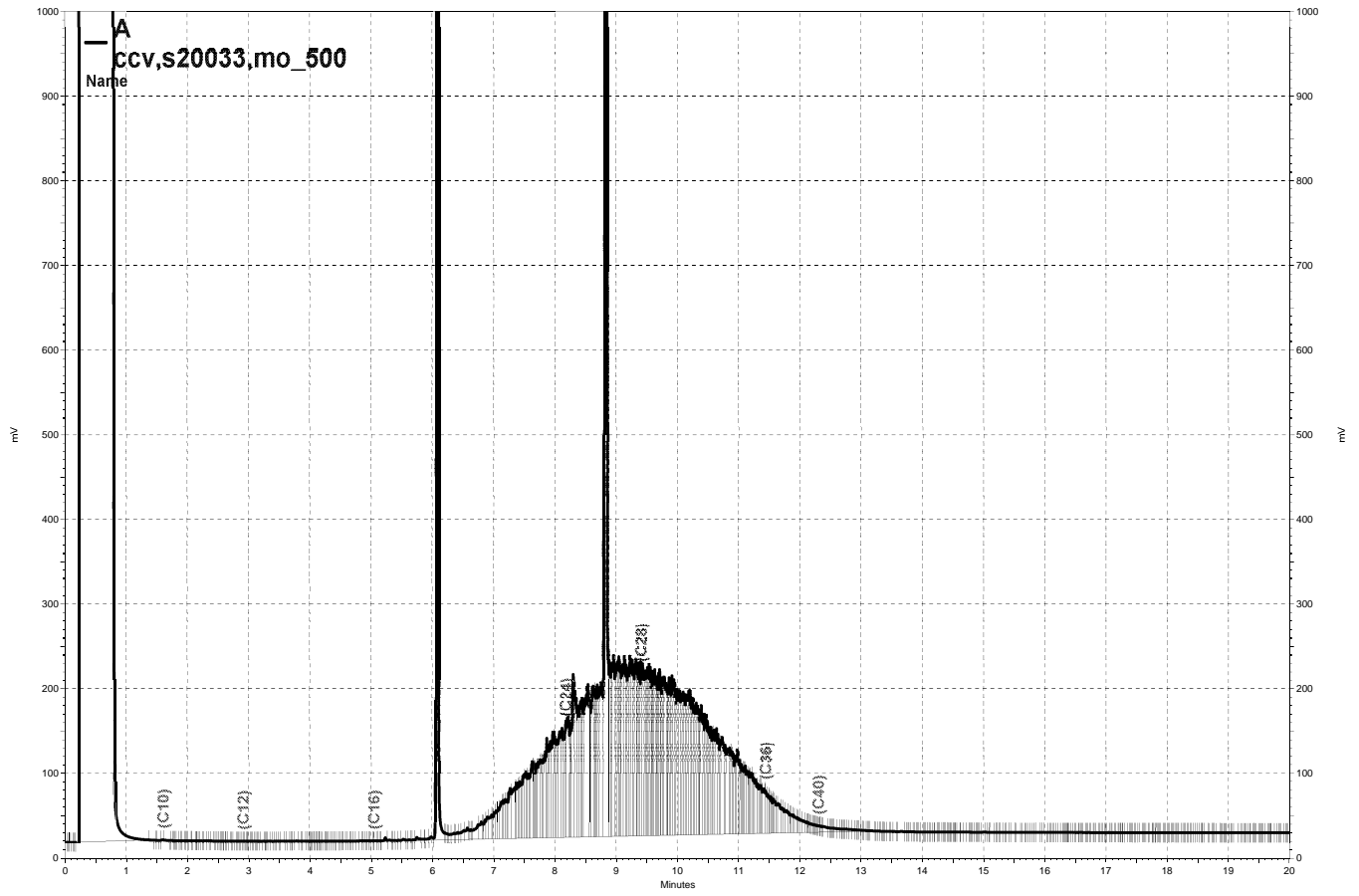
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### Purgeable Organics by GC/MS

Lab #:	237758	Location:	Salisbury Project
Client:	Eagle Env. Construction	Prep:	EPA 5030B
Project#:	SALISBURY PROJECT	Analysis:	EPA 8260B
Matrix:	Water	Sampled:	07/09/12
Units:	ug/L	Received:	07/09/12

Field ID:	MW-1	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	188439
Lab ID:	237758-001	Analyzed:	07/12/12

Analyte	Result	RL
MTBE	ND	0.5
Benzene	ND	0.5
Toluene	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Naphthalene	ND	2.0

Surrogate	%REC	Limits
Dibromofluoromethane	99	80-125
1,2-Dichloroethane-d4	97	69-145
Toluene-d8	96	80-120
Bromofluorobenzene	93	80-120

Field ID:	MW-2	Lab ID:	237758-002
Type:	SAMPLE		

Analyte	Result	RL	Diln Fac	Batch#	Analyzed
MTBE	ND	0.5	1.000	188475	07/13/12
Benzene	82	0.5	1.000	188475	07/13/12
Toluene	42	0.5	1.000	188475	07/13/12
Ethylbenzene	350	25	50.00	188439	07/12/12
m,p-Xylenes	180	0.5	1.000	188475	07/13/12
o-Xylene	9.4	0.5	1.000	188475	07/13/12
Naphthalene	44	2.0	1.000	188475	07/13/12

Surrogate	%REC	Limits	Diln Fac	Batch#	Analyzed
Dibromofluoromethane	100	80-125	1.000	188475	07/13/12
1,2-Dichloroethane-d4	105	69-145	1.000	188475	07/13/12
Toluene-d8	101	80-120	1.000	188475	07/13/12
Bromofluorobenzene	103	80-120	1.000	188475	07/13/12

ND= Not Detected  
 RL= Reporting Limit

### Purgeable Organics by GC/MS

Lab #:	237758	Location:	Salisbury Project
Client:	Eagle Env. Construction	Prep:	EPA 5030B
Project#:	SALISBURY PROJECT	Analysis:	EPA 8260B
Matrix:	Water	Sampled:	07/09/12
Units:	ug/L	Received:	07/09/12

Field ID:	MW-3	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	188439
Lab ID:	237758-003	Analyzed:	07/12/12

Analyte	Result	RL
MTBE	ND	0.5
Benzene	0.8	0.5
Toluene	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Naphthalene	ND	2.0

Surrogate	%REC	Limits
Dibromofluoromethane	101	80-125
1,2-Dichloroethane-d4	97	69-145
Toluene-d8	99	80-120
Bromofluorobenzene	96	80-120

Field ID:	MW-4	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	188439
Lab ID:	237758-004	Analyzed:	07/12/12

Analyte	Result	RL
MTBE	ND	0.5
Benzene	ND	0.5
Toluene	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Naphthalene	ND	2.0

Surrogate	%REC	Limits
Dibromofluoromethane	101	80-125
1,2-Dichloroethane-d4	101	69-145
Toluene-d8	96	80-120
Bromofluorobenzene	92	80-120

ND= Not Detected  
 RL= Reporting Limit

### Purgeable Organics by GC/MS

Lab #:	237758	Location:	Salisbury Project
Client:	Eagle Env. Construction	Prep:	EPA 5030B
Project#:	SALISBURY PROJECT	Analysis:	EPA 8260B
Matrix:	Water	Sampled:	07/09/12
Units:	ug/L	Received:	07/09/12

Type:	BLANK	Batch#:	188439
Lab ID:	QC647598	Analyzed:	07/12/12
Diln Fac:	1.000		

Analyte	Result	RL
MTBE	ND	0.5
Benzene	ND	0.5
Toluene	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Naphthalene	ND	2.0

Surrogate	%REC	Limits
Dibromofluoromethane	99	80-125
1,2-Dichloroethane-d4	101	69-145
Toluene-d8	100	80-120
Bromofluorobenzene	98	80-120

Type:	BLANK	Batch#:	188475
Lab ID:	QC647753	Analyzed:	07/13/12
Diln Fac:	1.000		

Analyte	Result	RL
MTBE	ND	0.5
Benzene	ND	0.5
Toluene	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Naphthalene	ND	2.0

Surrogate	%REC	Limits
Dibromofluoromethane	124	80-125
1,2-Dichloroethane-d4	119	69-145
Toluene-d8	104	80-120
Bromofluorobenzene	107	80-120

ND= Not Detected  
 RL= Reporting Limit







Dissolved California LUFT Metals			
Lab #:	237758	Location:	Salisbury Project
Client:	Eagle Env. Construction	Prep:	METHOD
Project#:	SALISBURY PROJECT	Analysis:	EPA 6010B
Matrix:	Filtrate	Sampled:	07/09/12
Units:	ug/L	Received:	07/09/12
Diln Fac:	1.000	Prepared:	07/12/12
Batch#:	188414		

Field ID: MW-4                      Lab ID: 237758-004  
 Type: SAMPLE                      Analyzed: 07/13/12

Analyte	Result	RL
Cadmium	ND	5.0
Chromium	ND	5.0
Lead	ND	5.0
Nickel	6.6	5.0
Zinc	ND	20

Type: BLANK                      Lab ID: QC647491

Analyte	Result	RL	Analyzed
Cadmium	ND	5.0	07/12/12
Chromium	ND	5.0	07/12/12
Lead	ND	5.0	07/13/12
Nickel	ND	5.0	07/12/12
Zinc	ND	20	07/12/12

ND= Not Detected  
 RL= Reporting Limit





**Batch QC Report**

<b>Dissolved California LUFT Metals</b>			
Lab #:	237758	Location:	Salisbury Project
Client:	Eagle Env. Construction	Prep:	METHOD
Project#:	SALISBURY PROJECT	Analysis:	EPA 6010B
Field ID:	ZZZZZZZZZZ	Batch#:	188414
MSS Lab ID:	237655-001	Sampled:	07/02/12
Matrix:	Filtrate	Received:	07/03/12
Units:	ug/L	Prepared:	07/12/12
Diln Fac:	1.000		

Type: MS Lab ID: QC647494

Analyte	MSS Result	Spiked	Result	%REC	Limits	Analyzed
Cadmium	<0.4753	50.00	43.66	87	76-120	07/12/12
Chromium	53.49	200.0	238.9	93	73-120	07/12/12
Lead	2.644	100.0	95.80	93	62-120	07/13/12
Nickel	8.704	500.0	455.4	89	71-120	07/12/12
Zinc	8.750	500.0	484.6	95	75-124	07/12/12

Type: MSD Lab ID: QC647495

Analyte	Spiked	Result	%REC	Limits	RPD	Lim	Analyzed
Cadmium	50.00	45.24	90	76-120	4	20	07/12/12
Chromium	200.0	248.5	97	73-120	4	21	07/12/12
Lead	100.0	94.29	92	62-120	2	29	07/13/12
Nickel	500.0	462.0	91	71-120	1	21	07/12/12
Zinc	500.0	503.8	99	75-124	4	25	07/12/12

RPD= Relative Percent Difference

# APPENDIX F

# PERMITS

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# 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: 01/06/2012 By jamesy

Permit Numbers: W2012-0009  
Permits Valid from 01/19/2012 to 02/29/2012

Application Id: 1325718219064  
Site Location: 2145 35h Avenue, Oakland CA 94601  
Project Start Date: 01/19/2012  
Assigned Inspector: Contact Vicky Hamlin at (510) 670-5443 or vickyh@acpwa.org

City of Project Site:Oakland

Completion Date:02/29/2012

Applicant: Eagle Environmental Construction (EEC) - Sami  
Malaeb  
3150 Hilltop Mall Rd, Ste 7, Richmond, CA 94806  
Property Owner: Peter Robertson  
2917 MacArthur Blvd, #A3F, Oakland, CA 94602  
Client: \*\* same as Property Owner \*\*

Phone: 510-222-2003

Phone: 510-517-8650

Receipt Number: WR2012-0005 Total Due: \$265.00  
Payer Name : EEC Dev't Total Amount Paid: \$265.00  
Paid By: CHECK PAID IN FULL

## Works Requesting Permits:

Borehole(s) for Investigation-Geotechnical Study/CPT's - 18 Boreholes  
Driller: Gregg - Lic #: 485165 - Method: other

Work Total: \$265.00

## Specifications

Permit Number	Issued Dt	Expire Dt	# Boreholes	Hole Diam	Max Depth
W2012-0009	01/06/2012	04/18/2012	18	2.00 in.	40.00 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.
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. Prior to any drilling activities, it shall be the applicant's responsibility to contact and coordinate an Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits or agreements required for that Federal, State, County or City, and follow all City or County Ordinances. No work shall begin until all the permits and requirements have been approved or obtained. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County an Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.
5. Applicant shall contact Vicky Hamlin for an inspection time at 510-670-5443 or email to vickyh@acpwa.org at least five

## **Alameda County Public Works Agency - Water Resources Well Permit**

(5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.

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

7. 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.

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

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# 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: 06/11/2012 By jamesy**

**Permit Numbers: W2012-0391 to W2012-0394**  
**Permits Valid from 06/19/2012 to 07/31/2012**

**Application Id:** 1339093737173  
**Site Location:** 2145 35th Avenue, Oakland, CA 94601  
**Project Start Date:** 06/19/2012  
**Assigned Inspector:** Contact Vicky Hamlin at (510) 670-5443 or vickyh@acpwa.org

**City of Project Site:**Oakland  
**Completion Date:**07/31/2012

**Applicant:** Eagle Environmental Construction - Sami Malaeb  
3150 Hilltop Mall Rd Ste 7, Richmond, CA 94806  
**Property Owner:** Peter Robertson  
2917 MacArthur Bl #A3F, Oakland, CA 94602  
**Client:** \*\* same as Property Owner \*\*

**Phone:** 510-222-2003

**Phone:** 510-517-8650

	<b>Total Due:</b>	\$1588.00
<b>Receipt Number: WR2012-0176</b>	<b>Total Amount Paid:</b>	\$1588.00
<b>Payer Name : EEC</b>	<b>Paid By: CHECK</b>	<b>PAID IN FULL</b>

**Works Requesting Permits:**

Well Construction-Monitoring-Monitoring - 4 Wells  
Driller: Gregg - Lic #: 485165 - Method: hstem

**Work Total: \$1588.00**

**Specifications**

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth
W2012-0391	06/11/2012	09/17/2012	MW1	8.00 in.	2.00 in.	5.50 ft	20.00 ft
W2012-0392	06/11/2012	09/17/2012	MW2	10.00 in.	4.00 in.	5.50 ft	20.00 ft
W2012-0393	06/11/2012	09/17/2012	MW3	10.00 in.	4.00 in.	5.50 ft	20.00 ft
W2012-0394	06/11/2012	09/17/2012	MW4	8.00 in.	2.00 in.	5.50 ft	20.00 ft

**Specific Work Permit Conditions**

1. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.
  
2. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all material or waters generated during drilling, boring destruction, and/or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials and/or waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways or be allowed to move off the property where work is being completed.
  
3. Prior to any drilling activities, it shall be the applicant's responsibility to contact and coordinate an Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits or agreements required for that Federal, State, County or City, and follow all City or County Ordinances. No work shall begin until all the permits and requirements have been approved or obtained. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County an Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the

## Alameda County Public Works Agency - Water Resources Well Permit

permits and requirements have been approved or obtained.

4. Compliance with the well-sealing specifications shall not exempt the well-sealing contractor from complying with appropriate State reporting-requirements related to well construction or destruction (Sections 13750 through 13755 (Division 7, Chapter 10, Article 3) of the California Water Code). Contractor must complete State DWR Form 188 and mail original to the Alameda County Public Works Agency, Water Resources Section, within 60 days. Include permit number and site map.
  5. Applicant shall submit the copies of the approved encroachment permit to this office within 60 days.
  6. Applicant shall contact Vicky Hamlin for an inspection time at 510-670-5443 or email to [vickyh@acpwa.org](mailto:vickyh@acpwa.org) at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.
  7. Wells shall have a Christy box or similar structure with a locking cap or cover. Well(s) shall be kept locked at all times. Well(s) that become damaged by traffic or construction shall be repaired in a timely manner or destroyed immediately (through permit process). No well(s) shall be left in a manner to act as a conduit at any time.
  8. Minimum surface seal thickness is two inches of cement grout placed by tremie.
  9. Minimum seal (Neat Cement seal) depth for monitoring wells is 5 feet below ground surface(BGS) or the maximum depth practicable or 20 feet.
  10. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of \$500.00.
-

# APPENDIX G BORING LOGS FOR THE BOREHOLES DRILLED IN 2012

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DRILLING DATE: 02/06/2012  
 DRILLING METHOD: Direct Push  
 DRILLING RIG TYPE: Geoprobe

DRILLING LOCATION: 2145 35th Avenue, Oakland, CA  
 LOGGED BY: Sami Malaeb, PE, REA  
 CHECKED BY: David Hoexter, PG, CEG, REA

**LOG OF BORING  
BH-5**

DEPTH (FEET)	SAMPLE DEPTH	SAMPLE NAME	GRAPHIC LOG	DESCRIPTION AND CLASSIFICATION	LITHOLOGY DESCRIPTION DEPTH	PID READING	COMMENTS
1				Dark gray to black Silty Clay (CL/CH), medium stiff, moist (fill materials, ~ 10% gravel, slight odor of petroleum hydrocarbons) ~ Base of fill	0' to 2'		Fill to ~ 5'
2							
3		BH5-5		Dark gray to black Silty Clay (CL), medium stiff, moist (little or no gravel, odor of petroleum hydrocarbons and staining start at 4' of depth)	2' to 5'		
4							
5							
6		BH5-8		Gray gravel sand mixture (SW/GW), medium dense, moist to damp (odor of petroleum hydrocarbons and staining start at 4' of depth)	5' to 8'		
7							
8							
9				Gray Sandy Clay (CL), medium stiff, moist (odor of petroleum hydrocarbons and staining)	8' to 11'		
10							
11		BH5-12		Gray gravel sand mixture (SW/GW), medium dense, wet to damp (odor of HC)	11' to 12'		
12							
13				Gray Sandy Clay (CL), medium stiff, moist to damp (<5% gravel, odor of HC)	12' to 13'		
14							
15				Gray Clayey Fine Sand (SC), dense, moist (odor of petroleum hydrocarbons and staining)	13' to 16'		
16							
17				Gray gravel sand mixture (GM), medium dense, wet (abrupt contact at 18')	16' to 18'		
18							
19				Light brown fine Sand (SP/SW), dense, moist (oxidized orange, No odor of HC)	18' to 22'		
20							
21							
22							
23				Light brown Sandy Clay (CL), stiff, wet (No odor of petroleum hydrocarbons or staining)	12' to 25'	0 ppm	
24							
25							
26							Second groundwater was at ~ 25' to 30' bgs
27				CONTINUE ON NEXT PAGE			





DRILLING DATE: 02/06/2012  
 DRILLING METHOD: Direct Push  
 DRILLING RIG TYPE: Geoprobe

DRILLING LOCATION: 2145 35th Avenue, Oakland, CA  
 LOGGED BY: Sami Malaeb, PE, REA  
 CHECKED BY: David Hoexter, PG, CEG, REA

**LOG OF BORING  
 BH-5  
 (Continued)**

DEPTH (FEET)	SAMPLE DEPTH	SAMPLE NAME	GRAPHIC LOG	DESCRIPTION AND CLASSIFICATION	LITHOLOGY DESCRIPTION DEPTH	PID READING	COMMENTS
28 29 30 31 32 33		BH5-30		Light brown Clay (CL) stiff, moist, with soft fine wet sand, (no odor of HC) (27.5 to 28.0 feet and 30.0 to 32.0 feet, scattered black charcoal organic fine "blebs" slightly mottled blue gray)	25' to 33'	0 ppm	
34 35				Brown fine gravelly Clay (CL) stiff to hard, slightly moist (No odor of HC or staining)	33' to 35.5'	0 ppm	
36 [unlabeled scale down to 45]				BOTTOM OF BORING at 35.5' (Refusal)  Boring was grouted after sampling.			



DRILLING DATE: 01/25/2012  
 DRILLING METHOD: Direct Push  
 DRILLING RIG TYPE: Geoprobe

DRILLING LOCATION: 2145 35th Avenue, Oakland, CA  
 LOGGED BY: Sami Malaeb, PE, REA  
 CHECKED BY: David Hoexter, PG, CEG, REA

**LOG OF BORING  
BH-6**

DEPTH (FEET)	SAMPLE DEPTH	SAMPLE NAME	GRAPHIC LOG	DESCRIPTION AND CLASSIFICATION	LITHOLOGY DESCRIPTION DEPTH	PID READING	COMMENTS
1				Dark gray to black gravelly sand (SW), loose, moist (~20% gravel and 80% sand, nor odor of HC)	0' to 2'	0 ppm	Fill to ~ 2'
2				~ Base of fill			
3				Dark gray Clayey Sand (SC), medium dense, moist (~ 10 % gravel, no odor of HC or staining)	2' to 15'	0 ppm	
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16				Brown Sandy Clay (CL), medium stiff, moist to wet (No odor of HC or staining)	15' to 18'		
17							
18							
19				Brown Clayey Sand (SC), dense, wet (No odor of HC or staining)	18' to 20'		
20							
				BOTTOM OF BORING at 20' Note: Boring was grouted to surface.			



DRILLING DATE: 01/25/2012  
 DRILLING METHOD: Direct Push  
 DRILLING RIG TYPE: Geoprobe

DRILLING LOCATION: 2145 35th Avenue, Oakland, CA  
 LOGGED BY: Sami Malaeb, PE, REA  
 CHECKED BY: David Hoexter, PG, CEG, REA

**LOG OF BORING  
 BH-7**

DEPTH (FEET)	SAMPLE DEPTH	SAMPLE NAME	GRAPHIC LOG	DESCRIPTION AND CLASSIFICATION	LITHOLOGY DESCRIPTION DEPTH	PID READING	COMMENTS
1 2 3 4 5				Dark gray to black Clayey Sand (SC), medium dense, moist (< 5 % gravel, no odor of HC or staining)  ~ Base of fill	0' to 5'	0 ppm	Fill to ~ 5'
6 7 8 9		BH7-8		Brown gravelly Clayey Sand (SC), medium dense, moist (~ 20 % gravel, no odor of HC or staining)	5' to 9'		
10 11 12 13 14 15 16 17 18 19 20		BH7-12		Brown Sandy Clay (CL), medium stiff, moist (<5% gravel, no odor of HC or staining)	9' to 20'		
				BOTTOM OF BORING at 20' Note: Boring was grouted to surface.			



DRILLING DATE: 01/25/2012  
 DRILLING METHOD: Direct Push  
 DRILLING RIG TYPE: Geoprobe

DRILLING LOCATION: 2145 35th Avenue, Oakland, CA  
 LOGGED BY: Sami Malaeb, PE, REA  
 CHECKED BY: David Hoexter, PG, CEG, REA

**LOG OF BORING  
BH-8**

DEPTH (FEET)	SAMPLE DEPTH	SAMPLE NAME	GRAPHIC LOG	DESCRIPTION AND CLASSIFICATION	LITHOLOGY DESCRIPTION DEPTH	PID READING	COMMENTS
1 2 3 4 5				Dark gray to black gravelly Sandy Clay (CL), medium stiff, moist (~ 20 % gravel, no odor of HC)	0' to 5'	0 ppm	Fill to ~ 5'
6 7				Brown gravel sand mixture (GM), medium dense, moist (no odor of HC or staining)	5' to 7'		
8 9 10 11 12		BH8-8 BH8-12		Gray Sandy Clay (CL), medium stiff, moist (~ 10% gravel, no odor of HC)	7' to 12'		
13 14 15				Gray Sandy Clay (CL), medium stiff, moist (< 5% gravel, slight odor of HC and staining noticed )	12' to 15'		
16 17 18 19 20		BH8-16		Gray gravel sand mixture (GM), medium dense, wet (slight odor of HC and staining noticed)	15' to 20'		
				BOTTOM OF BORING at 20' Note: Boring was grouted to surface.			
PROJECT NAME: Salisbury Avenue Associates, LLC					SHEET 1 OF 1		



DRILLING DATE: 02/06/2012  
 DRILLING METHOD: Direct Push  
 DRILLING RIG TYPE: Geoprobe

DRILLING LOCATION: 2145 35th Avenue, Oakland, CA  
 LOGGED BY: David Hoexter, PG, CEG, REA  
 CHECKED BY: Sami Malaeb, PE, REA

**LOG OF BORING  
BH-9**

DEPTH (FEET)	SAMPLE DEPTH	SAMPLE NAME	GRAPHIC LOG	DESCRIPTION AND CLASSIFICATION	LITHOLOGY DESCRIPTION DEPTH	PID READING	COMMENTS
1 2 3 4				Black Silty Clay (CH), stiff, slightly moist (fill materials, ~ 10% sand and gravel, poor recovery, no odor of petroleum hydrocarbons)	0' to 4'		Fill to ~ 8.5' ~15% recovery'
5 6 7 8				Dark olive gray Gravelly Sand (SW), medium dense, moist (clay ~ 10-15%, gravel 10% to 15% 1.5 " diameter, red rock fragments, poor recovery, odor of petroleum hydrocarbons) ~ Base of fill	5' to 8.5'		
9 10 11 12 13 14 15 16 17 18				Gray Clayey gravelly Sand (SP), variably dense, moist (lenses of medium to coarse gravel and clay/silt, with overall 0-20% gravel, 0-20% Clay-Silt, wet at 17'-18" with abrupt contact at 18')	8.5' to 18'		~90% recovery'
19 20 21				Light brown, mottled blue gray, silty Clay (CL), very stiff, moist ( scattered black organic "blebs")	18' to 21'		
22 23 24 25 26 27				Light brown, Silty Clay/ Clayey Silt (CL), very stiff, moist (5-10% fine sand, minor scattered black organic "blebs". ~ 24.3' to 24.5', encountered medium coarse sandy silt lense)	21' to 25.5'		~100% recovery'
				CONTINUE ON NEXT PAGE			
PROJECT NAME: Salisbury Avenue Associates, LLC					SHEET 1 OF 2		



DRILLING DATE: 02/06/2012  
 DRILLING METHOD: Direct Push  
 DRILLING RIG TYPE: Geoprobe

DRILLING LOCATION: 2145 35th Avenue, Oakland, CA  
 LOGGED BY: David Hoexter, PG, CEG, REA  
 CHECKED BY: Sami Malaeb, PE, REA

**LOG OF BORING BH-9 (Continued)**

DEPTH (FEET)	SAMPLE DEPTH	SAMPLE NAME	GRAPHIC LOG	DESCRIPTION AND CLASSIFICATION	LITHOLOGY DESCRIPTION DEPTH	PID READING	COMMENTS
28 29 30 31 32		BH9-30		Light brown Silty Clay (CL), very stiff, moist to damp (5% to 10% fine sand, scattered black charcoal organic fine "blebs")	25.5' to 32.0'	0 ppm	
33 34 35 36 37				Tan to light brown fine gravelly medium coarse Sand (SW) very dense, slightly moist (gravel subangular to subrounded ~ 20% to 30%)	32' to 37.5'	0 ppm	
38 [unlabeled depth markers]				BOTTOM OF BORING at 37.5' (Refusal) Note: Boring was grouted to surface.			



DRILLING DATE: 02/06/2012  
 DRILLING METHOD: Direct Push  
 DRILLING RIG TYPE: Geoprobe

DRILLING LOCATION: 2145 35th Avenue, Oakland, CA  
 LOGGED BY: David Hoexter, PG, CEG, REA  
 CHECKED BY: Sami Malaeb, PE, REA

**LOG OF BORING  
BH-10**

DEPTH (FEET)	SAMPLE DEPTH	SAMPLE NAME	GRAPHIC LOG	DESCRIPTION AND CLASSIFICATION	LITHOLOGY DESCRIPTION DEPTH	PID READING	COMMENTS
1 2 3				Dark gray to black Silty Clay (CH), medium stiff, moist (mixed with ~ 10% coarse sand and hard broken rock, no odor of HC)	0' to 3'	0 ppm	Fill to ~ 5.5'  Poor Recovery 0'-4' due to hard rock fragments
4 5				Gray Silty Clay (CL/CH), medium stiff, moist (with ~ 10% sand, no odor of HC) ~ Base of fill	3' to 5.5'		
6 7				Brown (with orange oxidation) Clayey, Silty Sand (SM), medium dense, moist (~ 25% clay and silt, no odor of HC)	5.5' to 7'		
8 9 10 11 12 13		BH10-9 BH10-12		Gray Clayey Silty Fine Sand (SM), medium dense, moist (~ 35% to 40 % clay and silt, odor of HC)	7' to 13'		
14 15				Brown Silty Clayey Sand (SC), dense, moist (rock fragments ~1.5" diameter, no odor of HC)	13' to 15.5'		
16 17 18 19 20				Gray to brown Silty Clay (CL), hard, moist (no odor of HC)	15.5' to 20'		
				BOTTOM OF BORING at 20' Note: Boring was grouted to surface.			



DRILLING DATE: 02/08/2012  
 DRILLING METHOD: Direct Push  
 DRILLING RIG TYPE: Geoprobe

DRILLING LOCATION: 2145 35th Avenue, Oakland, CA  
 LOGGED BY: David Hoexter, PG, CEG, REA  
 CHECKED BY: Sami Malaeb, PE, REA

**LOG OF BORING  
 BH-11**

DEPTH (FEET)	SAMPLE DEPTH	SAMPLE NAME	GRAPHIC LOG	DESCRIPTION AND CLASSIFICATION	LITHOLOGY DESCRIPTION DEPTH	PID READING	COMMENTS
1 2 3				Black Clay (CH), soft, moist ( $< 5\%$ fine to coarse sand, lighter color and increasing sand with depth, no odor of HC)  ~ Base of possible fill	0' to 3.1'	0 ppm	Possible Fill to ~ 3.1'
4 5 6 7 8 9 10				Brown Silty Sandy Clay (CL), stiff, moist (scattered brown organics, angular, fine to medium sand, increases from 10 to 40% at base, no odor of HC)	3.1' to 9.8'	0 ppm	
11 12 13 14 15				Brown to gray brown Silty Sand (SM), dense, moist (Silt variably 10-25%, sand lenses 11.6'- 12.0', 12.3'- 12.6', 13.1' - 15.1', no odor of HC)	9.8' to 15.2'	0 ppm	
16 17				Brown gravelly, medium coarse Sand (SW), dense, moist (up to 1" gravel, no odor of HC, no free water)	15.2' to 17.0'		
18 19				Brown and blue gray Clayey Silt (ML), stiff to very stiff, moist, mottled, laminated (no odor of HC)	17.0' to 19.2'		
20				Light brown, fine to coarse Sand (SW), dense, moist (mottled blue gray, no odor of HC, free water in boring after completion)	19.2' to 20.0'		
				BOTTOM OF BORING at 20'			





DRILLING DATE: 02/06/2012  
 DRILLING METHOD: Direct Push  
 DRILLING RIG TYPE: Geoprobe

DRILLING LOCATION: 2145 35th Avenue, Oakland, CA  
 LOGGED BY: David Hoexter, PG, CEG, REA  
 CHECKED BY: Sami Malaeb, PE, REA

**LOG OF BORING  
BH-12**

DEPTH (FEET)	SAMPLE DEPTH	SAMPLE NAME	GRAPHIC LOG	DESCRIPTION AND CLASSIFICATION	LITHOLOGY DESCRIPTION DEPTH	PID READING	COMMENTS
1 2 3				Dark gray to black silty Clay (CH), medium stiff, moist (no odor of HC)  ~ Base of fill (disturbed possible fill)	0' to 3.0'		
4 5 6 7		BH12-5		Light brown gravelly sand (SW), medium to coarse grained dense, moist (~ 5 to 20% gravel, no odor of HC)	3.0' to 7.0'		
8 9				Olive green Clayey Sandy Silt (ML), moist, very stiff, (no odor of HC)	7.0' to 9.0'	0 ppm	
10 11 12 13 14 15		BH12-12		Brown Gravelly Sand (SW), dense, moist (silty, gravel variable 5-25%, slight odor of HC, stained blue-gray 11' to 12')	9.0' to 15.0'		
16				Light brown silty fine Sand (SM), dense, moist (< 1% gravel, no odor of HC)	15.0' to 16.0'		
17				Light brown Gravel Sand mixture (GM), dense, moist (no odor of HC)	16.0' to 17.0'		
18				Light brown silty Sand (SM), dense, moist (no odor of HC)	17.0' to 18.0'		
19 20				Brown, Clayey Fine Sand (SC), very dense, moist Mottled blue gray (no odor of HC)	18.0' to 20.0'		
21 22 23 24 25 26 27				Light brown Fine Sandy Silty Clay (CL), very stiff, moist, (20' to 22' scattered black organics, no odor of HC, mottled blue gray with light brown)  CONTINUE ON NEXT PAGE	20.0' to 30.0'	0 ppm	
PROJECT NAME: Salisbury Avenue Associates, LLC					SHEET 1 OF 2		



DRILLING DATE: 02/06/2012  
 DRILLING METHOD: Direct Push  
 DRILLING RIG TYPE: Geoprobe

DRILLING LOCATION: 2145 35th Avenue, Oakland, CA  
 LOGGED BY: David Hoexter, PG, CEG, REA  
 CHECKED BY: Sami Malaeb, PE, REA

**LOG OF BORING  
 BH-12  
 (Continued)**

DEPTH (FEET)	SAMPLE DEPTH	SAMPLE NAME	GRAPHIC LOG	DESCRIPTION AND CLASSIFICATION	LITHOLOGY DESCRIPTION DEPTH	PID READING	COMMENTS
28 29 30		BH12-30		Light brown Fine Sandy Silty Clay (CL), very stiff, moist, (20' to 22' scattered black organics, no odor of HC, mottled blue gray with light brown)	20.0' to 30.0'	0	
				BOTTOM OF BORING at 30.0' (Refusal)  Boring was grouted after sampling.		ppm	



DRILLING DATE: 02/08/2012  
 DRILLING METHOD: Direct Push  
 DRILLING RIG TYPE: Geoprobe

DRILLING LOCATION: 2145 35th Avenue, Oakland, CA  
 LOGGED BY: David Hoexter, PG, CEG, REA  
 CHECKED BY: Sami Malaeb, PE, REA

**LOG OF BORING  
 BH-13**

DEPTH (FEET)	SAMPLE DEPTH	SAMPLE NAME	GRAPHIC LOG	DESCRIPTION AND CLASSIFICATION	LITHOLOGY DESCRIPTION DEPTH	PID READING	COMMENTS
1				Black Clay (CH), soft, moist (~ 5% sand, no odor of HC)	0' to 1.5'		
2				Olive brownn Silty Clay (CL), medium stiff, moist (~ 10% fine sand, no odor of HC)	1.5' to 5.0'		
3							
4							
5		BH13-5					
6				Brown Sand (SW), medium dense, moist (primarily fine-medium with minor coarse sand, 10% 1/2" maximum angular to sub-angular gravel, variable, 1 to 8" lenses of variable grain size medium to coarse wet sand 13.4 to 13.8' and 14.9 to 15.7')	5.0' to 16.0'	0 ppm	
7							
8		BH13-8					
9							
10							
11							
12							
13							
14							
15							
16							
17				BOTTOM OF BORING at 16.0'			
18				Note: Boring was grouted to surface.			
19							
20							



DRILLING DATE: 02/08/2012  
 DRILLING METHOD: Direct Push  
 DRILLING RIG TYPE: Geoprobe

DRILLING LOCATION: 2145 35th Avenue, Oakland, CA  
 LOGGED BY: David Hoexter, PG, CEG, REA  
 CHECKED BY: Sami Malaeb, PE, REA

**LOG OF BORING  
BH-14**

DEPTH (FEET)	SAMPLE DEPTH	SAMPLE NAME	GRAPHIC LOG	DESCRIPTION AND CLASSIFICATION	LITHOLOGY DESCRIPTION DEPTH	PID READING	COMMENTS
1				Black Clay (CH), soft, moist (Mixed black clay (CH) and brown clay (CL) at 0 - 0.5' no odor of HC)	0' to 2.5'		Fill to ~ 0.5'
2							
3				Olive brown Silty Clay (CL), soft, moist (~ 5% to 10 % fine sand, no odor of HC)	2.5.' to 5.8'	0 ppm	
4							
5							
6							
7				Brown Silty Sand and Sand (SW/SM), dense, moist (brown fine gravelly sand lenses 11.1' to 12.0', 14.0' to 14.5', and 15.0' to 15.4', abrupt contact at 15.4)	5.8' to 15.4'		0 ppm
8							
9							
10							
11							
12							
13							
14				Gray fine to medium angular Gravel (GW) (SW/SM), dense/very hard, moist			
15							
16					15.4' to 15.6'		
17				Gray (light brown /tan at 16') Clayey Silt (ML)	15.6' to 16.0'		No Recovery 16-20'
18				stiff, moist			
19							
20							
21				BOTTOM OF BORING at 20' Note: Boring was grouted to surface.			
22							
23				No free water while drilling.			
24							
25							



DRILLING DATE: 02/08/2012  
 DRILLING METHOD: Direct Push  
 DRILLING RIG TYPE: Geoprobe

DRILLING LOCATION: 2145 35th Avenue, Oakland, CA  
 LOGGED BY: David Hoexter, PG, CEG, REA  
 CHECKED BY: Sami Malaeb, PE, REA

**LOG OF BORING  
 BH-15**

DEPTH (FEET)	SAMPLE DEPTH	SAMPLE NAME	GRAPHIC LOG	DESCRIPTION AND CLASSIFICATION	LITHOLOGY DESCRIPTION DEPTH	PID READING	COMMENTS
1 2 3				Black Clay (CH), soft to stiff, moist (5% fine to coarse angular sand, no odor of HC)	0' to 3.0'		
4 5		BH15-4		Black Sandy Clay (CH), stiff, moist (15 to 20% sand, no odor of HC)	3.0' to 4.8'	3.6 ppm	
6 7 8 9		BH15-8		Blue gray Clayey Sand (SC), dense, slightly moist (moderate odor of HC)	4.8' to 9.5'	1.9 ppm	
10 11 12		BH15-12		Blue to gray fine to medium Sand (SW). medium dense, moist (<10% coarse sand, lenses 1 to 4" thick, strong odor of HC)	9.5' to 12.3'	350 ppm	
13 14 15 16		BH15-16		Blue gray silty fine to medium Sand (SM), dense, moist (<10% coarse sand, strong odor of HC. 15.5' to 16.0' light brown to tan silty fine sand (SM) SM/SW, slight odor of HC)	12.3' to 16.0'	0.2 ppm	
17 18 19 20 21 22 23 24 25				BOTTOM OF BORING at 16' Note: Boring was grouted to surface.			



DRILLING DATE: 01/25/2012  
 DRILLING METHOD: Direct Push  
 DRILLING RIG TYPE: Geoprobe

DRILLING LOCATION: 2145 35th Avenue, Oakland, CA  
 LOGGED BY: Sami Malaeb, PE, REA  
 CHECKED BY: David Hoexter, PG, CEG, REA

**LOG OF BORING P1**

DEPTH (FEET)	SAMPLE DEPTH	SAMPLE NAME	GRAPHIC LOG	DESCRIPTION AND CLASSIFICATION	LITHOLOGY DESCRIPTION DEPTH	PID READING	Temporary Casing	COMMENTS
1				Dark gray to black Clayey Sand (SC), medium dense, moist (less than 10% gravel, no odor of petroleum hydrocarbons, fill materials to ~ 5')  ~ Base of fill	0' to 5'	0 ppm		Temporary Street Box Cover
2								
3								
4								
5		PI-5						
6				Brown Sandy Clay (CL), medium stiff, moist (less than 5% gravel, no odor of petroleum hydrocarbons or staining)	5' to 14'		(Top of Casing was surveyed before grouting boring)	
7								
8								
9								
10								
11				Gray Clayey Sand (SC), medium dense, moist (less than 5% gravel, no odor of petroleum hydrocarbons or staining)	14' to 16'		Measured Depth to Water 11.85'	
12								
13								
14		PI-14						
15								
16				Brown Clayey Sand (SC), medium dense, wet (no odor of petroleum hydrocarbons or staining)	16' to 20'		(Initial water was at ~ 13'; then, water stabilized at 11.85')	
17								
18								
19								
20								
				BOTTOM OF BORING at 20'				
				Note: Boring was grouted to surface, following removal of temporary casing.				



DRILLING DATE: 01/25/2012  
 DRILLING METHOD: Direct Push  
 DRILLING RIG TYPE: Geoprobe

DRILLING LOCATION: 2145 35th Avenue, Oakland, CA  
 LOGGED BY: Sami Malaeb, PE, REA  
 CHECKED BY: David Hoexter, PG, CEG, REA

**LOG OF BORING P2**

DEPTH (FEET)	SAMPLE DEPTH	SAMPLE NAME	GRAPHIC LOG	DESCRIPTION AND CLASSIFICATION	LITHOLOGY DESCRIPTION DEPTH	PID READING	Temporary Casing	COMMENTS
1 2 3 4 5				Dark gray to black Clayey Sand (SC), medium dense, moist (less than 10% gravel, slight odor of petroleum hydrocarbons, fill to ~ 5")  ~ Base of fill	0' to 5'	0 ppm		Temporary Street Box Cover  Temporary 1" PVC Casing
6 7 8 9		P2-8		Same as above, except decreased gravel and color turned brown.	5' to 9'			(Top of Casing was surveyed before grouting boring)
10 11 12 13 14 15 16		P2-12  P2-16		Brown Clayey Sand (SC), medium dense, moist (less than 5% gravel, slight odor of petroleum hydrocarbons)	9' to 16'			Measured Depth to Water 10.9'  (Initial water was at ~ 12'; then, water stabilized at 10.90')
17 18				Dark gray Clayey Sand (SC), dense, wet (No odor of petroleum hydrocarbons or staining)	16' to 18'			
19 20		P2-20		Dark gray Clay (CL), stiff, moist (no odor of petroleum hydrocarbons or staining)	18' to 20'			
				BOTTOM OF BORING at 20' Note: Boring was grouted to surface, following removal of temporary casing.				



DRILLING DATE: 01/25/2012  
 DRILLING METHOD: Direct Push  
 DRILLING RIG TYPE: Geoprobe

DRILLING LOCATION: 2145 35th Avenue, Oakland, CA  
 LOGGED BY: Sami Malaeb, PE, REA  
 CHECKED BY: David Hoexter, PG, CEG, REA

**LOG OF BORING P3**

DEPTH (FEET)	SAMPLE DEPTH	SAMPLE NAME	GRAPHIC LOG	DESCRIPTION AND CLASSIFICATION	LITHOLOGY DESCRIPTION DEPTH	PID READING	Temporary Casing	COMMENTS
1				Dark gray to black Sandy Clay (CL), medium stiff, moist (less than 10% gravel, no odor of petroleum hydrocarbons, fill to ~ 5')  ~ Base of fill	0' to 5'	0 ppm		Temporary Street Box Cover  Temporary 1" PVC Casing
2								
3								
4								
5								
6				Same as above, except decreased gravel and color turned brown.	5' to 11'			(Top of Casing was surveyed before grouting boring)  Measured Depth to Water 9.5'
7								
8		P3-8		Yellow to brown Sandy Clay (CL), medium stiff, moist (less than 5% gravel, no odor of petroleum hydrocarbons)	11' to 13'	0 ppm		(Initial water was at ~ 13'; then, water stabilized at 9.5')
9								
10				Dark gray to black Sandy Clay (CL), medium stiff wet (no odor of petroleum hydrocarbons or staining)	13' to 18'	0 ppm		
11								
12		P3-12						
13								
14				Yellow to brown Sandy Clay (CL), medium stiff, wet (less than 5% gravel, no odor of petroleum hydrocarbons)	18' to 20'	0 ppm		
15								
16								
17								
18				BOTTOM OF BORING at 20'  Note: Boring was grouted to surface, following removal of temporary casing.				
19								
20								





DRILLING DATE: 01/25/2012  
 DRILLING METHOD: Direct Push  
 DRILLING RIG TYPE: Geoprobe

DRILLING LOCATION: 2145 35th Avenue, Oakland, CA  
 LOGGED BY: Sami Malaeb, PE, REA  
 CHECKED BY: David Hoexter, PG, CEG, REA

**LOG OF BORING P4**

DEPTH (FEET)	SAMPLE DEPTH	SAMPLE NAME	GRAPHIC LOG	DESCRIPTION AND CLASSIFICATION	LITHOLOGY DESCRIPTION DEPTH	PID READING	Temporary Casing	COMMENTS	
1				Dark gray to black Clayey Sand (SC), medium dense, moist (less than 10% gravel, no odor of petroleum hydrocarbons, fill to ~ 4')	0' to 4'			Temporary Street Box Cover	
2									
3									
4				~ Base of fill					Temporary 1" PVC Casing
5				Brown Clayey Sand (SC), medium dense, moist (less than 5% gravel, no odor of petroleum hydrocarbons)	4' to 14'	0 ppm		(Top of Casing was surveyed before grouting boring)	
6									
7									
8		P4-8							
9									
10									
11									
12		P4-12							(Initial water was at ~ 13'; then, water stabilized at 10.11')
13									
14									
15				Brown Clayey Sand (SC), medium dense, wet (less than 5% gravel, no odor of petroleum hydrocarbons)	14' to 16'	0 ppm			
16									
17									
18				Brown Clayey Sand (SC), medium dense, moist (less than 5% gravel, no odor of petroleum hydrocarbons)	16' to 20'	0 ppm			
19									
20									
				BOTTOM OF BORING Note: Boring was grouted to surface, following removal of temporary casing.					

# APPENDIX H WELL BORING LOGS AND CONSTRUCTION DIAGRAMS

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DRILLING DATE: 07/03/2012  
 DRILLING METHOD: Hollow Stem  
 DRILLING RIG TYPE: Geoprobe

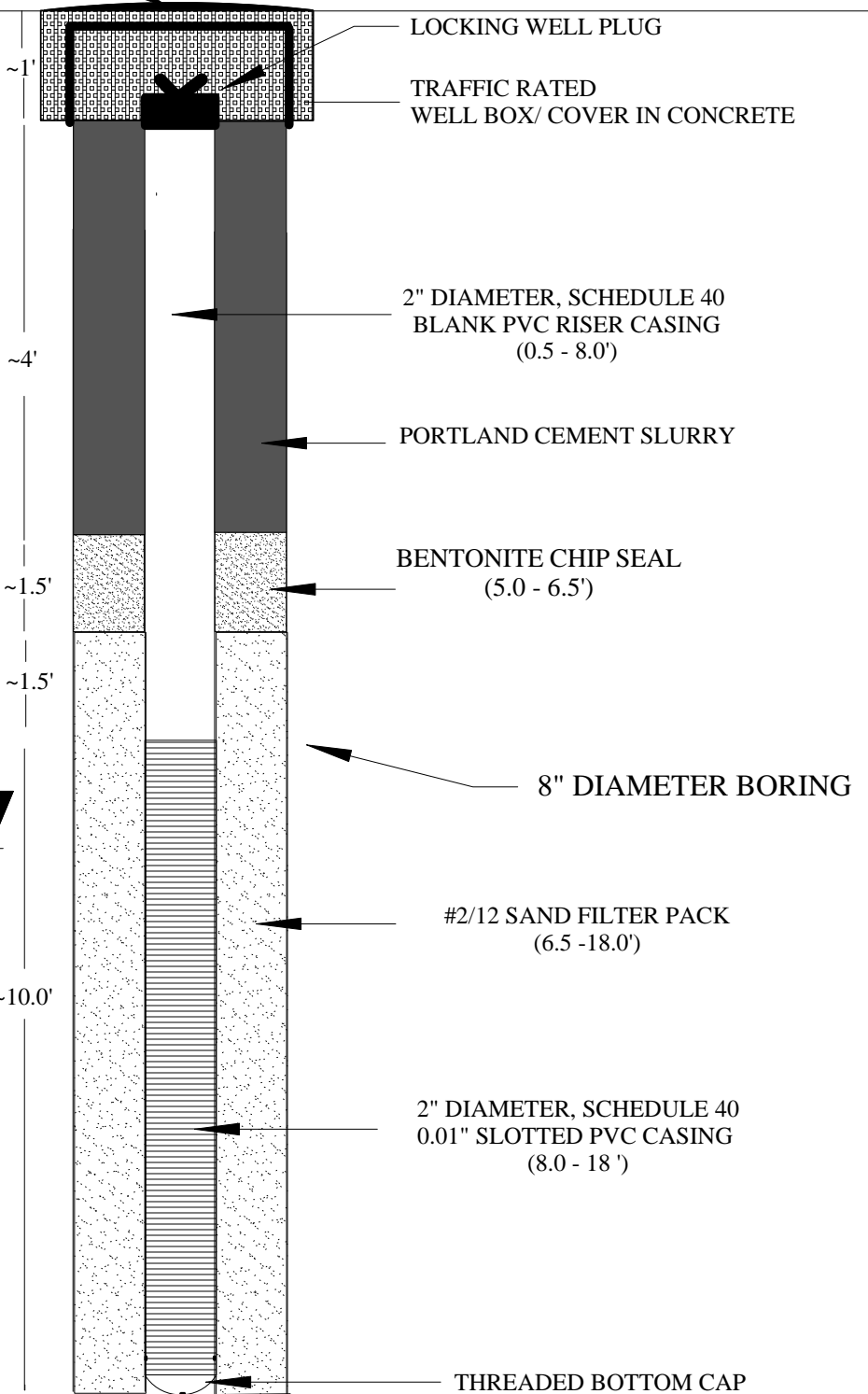
DRILLING LOCATION: 2145 35th Avenue, Oakland, CA  
 LOGGED BY: David Hoexter, PG, CEG, REA  
 CHECKED BY: Sami Malaeb, PE, REA

**LOG OF BORING**  
**MW-1**

DEPTH (FEET)	SAMPLE DEPTH	SAMPLE NAME	GRAPHIC LOG	DESCRIPTION AND CLASSIFICATION	LITHOLOGY DESCRIPTION DEPTH	PID READING	COMMENTS
1 2 3 4 5				Black Silty Clay (CH), stiff, moist (<5% fine sand, no odor of HC)	0' to 5.5'		Fill to ~ 2.5'
6 7 8 9 10 11 12 13 14 15		MW1-5.5		Light brown Silty Sand and Sand (SW/SM), dense, slightly moist  (Based on nearby boring BH-14, this interval consists of lenses of silty sand, sand, and gravel (sand fine to medium); and minor silt (generally configured by logging auger cuttings))  ▼ ~ First Water	5.5' to 15.5'	0 ppm	10.0-11.5' Sample no recovery
16 17 18		MW1-15.5		Gray (light brown /tan with slight gray mottling) Clayey Silt (ML) stiff, moist	15.5' to 18.0'	0 ppm	
19 20 21 22 23 24 25				BOTTOM OF BORING at 18' Boring was completed as Monitoring Well 1 (MW-1). Note: Rig not equipped with standard sampling hammer, and therefore blow counts not recorded (sample driven hydraulically)			

POSITIVE GRADE FOR WATER  
TO FLOW AWAY FROM THE WELL BOX

GROUND SURFACE



Stabilized  
Depth to water  
~10.13 feet  
below top of casing  
(07/06/2012)

NOTES:

TOTAL WELL DEPTH 18'

*Not to scale*



1485 BAYSHORE BOULEVARD  
SUITE 374  
SAN FRANCISCO, CA 94124

2145 35th AVENUE  
OAKLAND, CALIFORNIA

(07/11/12) BY SM  
NOT TO SCALE

MW-1

CONSTRUCTION DIAGRAM



DRILLING DATE: 07/03/2012  
 DRILLING METHOD: Hollow Stem  
 DRILLING RIG TYPE: Geoprobe

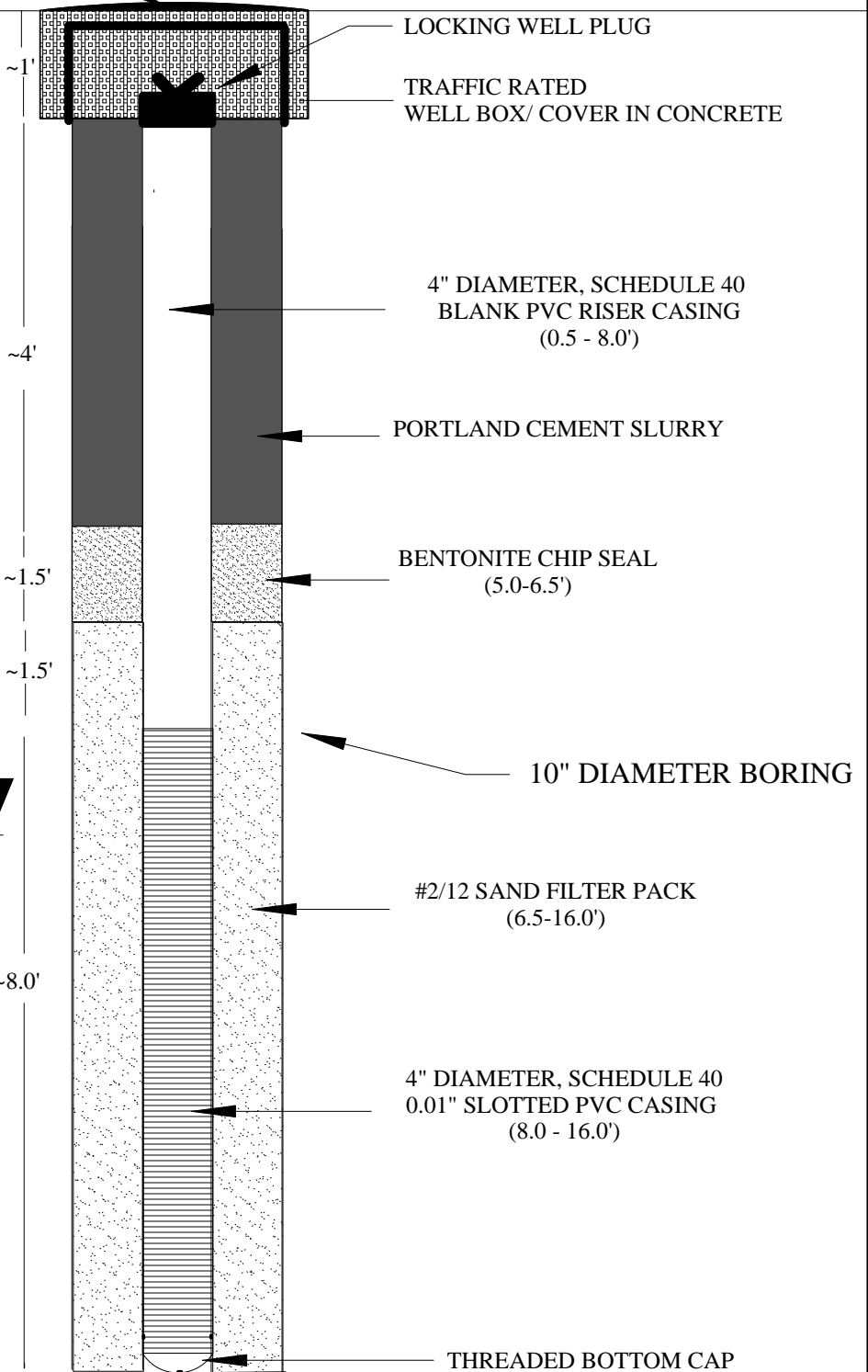
DRILLING LOCATION: 2145 35th Avenue, Oakland, CA  
 LOGGED BY: David Hoexter, PG, CEG, REA  
 CHECKED BY: Sami Malaeb, PE, REA

**LOG OF BORING**  
**MW-2**

DEPTH (FEET)	SAMPLE DEPTH	SAMPLE NAME	GRAPHIC LOG	DESCRIPTION AND CLASSIFICATION	LITHOLOGY DESCRIPTION DEPTH	PID READING	COMMENTS
1 2 3 4 5 6				Black Sandy Clay (CH), stiff, moist, (sand fine to medium, mixed with brown clayey sand, ~ 5% gravel, medium coarse, dense, moist, strong odor of HC from 4')	0' to 6.0'		Fill to ~ 6.0'
7 8 9 10 11 12 13 14 15 16		MW2-6.0 MW2-11.0 MW2-16.0		Gray Sand, medium grained, < 10 % clay and silt (SP), moist  (Based on cuttings and 10.0-11.5 sample, continued medium sand with 5-10% coarse sand and gravel. Decreased odor of HC with depth)	6.0' to 15.5'	9.0 ppm	
16				16.0 to 16.5' Tan/brown Clayey Silt (SC), moist, hard (no odor of HC)	16.0' to 16.5'	0 ppm	No Odor of HC @ 15.5'
17 18 19 20 21 22 23 24 25				Well MW-2 was terminated 2 feet shallower than the other three wells (MW-1, MW-3, and MW-4) due to low permeable barrier encountered at 15.5 to 16') BOTTOM OF BORING at 16' Boring was completed as Monitoring Well 2 (MW-2).  Note: Rig not equipped with standard sampling hammer, and therefore blow counts not recorded (sample driven hydraulically)  No free water observed at time of drilling			

POSITIVE GRADE FOR WATER  
TO FLOW AWAY FROM THE WELL BOX

GROUND SURFACE



Stabilized  
Depth to water  
~10.89 feet  
below top of casing  
(07/06/2012)

NOTES:

TOTAL WELL DEPTH 16'

Not to scale



1485 BAYSHORE BOULEVARD  
SUITE 374  
SAN FRANCISCO, CA 94124

2145 35th AVENUE  
OAKLAND, CALIFORNIA

(07/11/12) BY SM  
NOT TO SCALE

MW-2

CONSTRUCTION DIAGRAM



DRILLING DATE: 07/03/2012  
 DRILLING METHOD: Hollow Stem  
 DRILLING RIG TYPE: Geoprobe

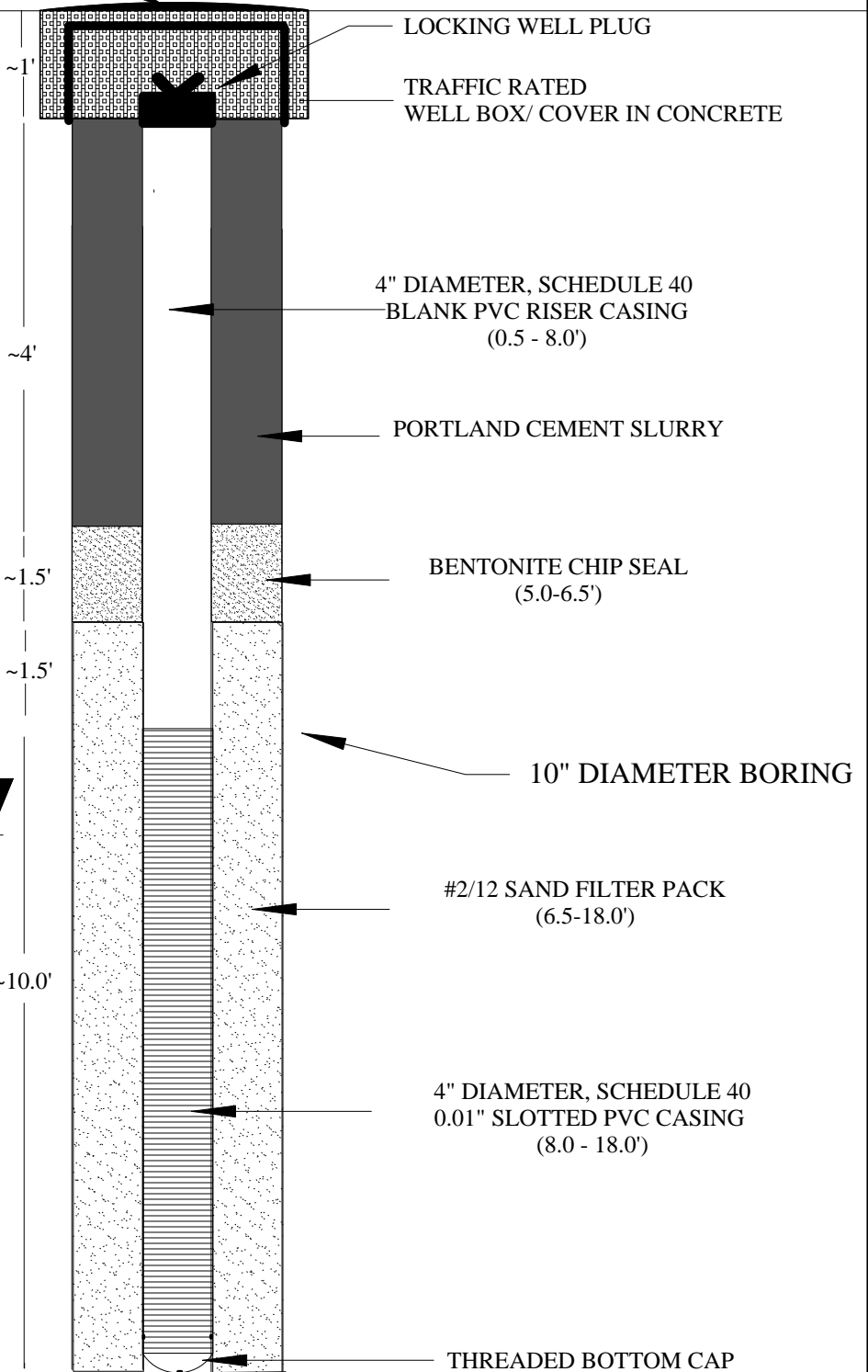
DRILLING LOCATION: 2145 35th Avenue, Oakland, CA  
 LOGGED BY: David Hoexter, PG, CEG, REA  
 CHECKED BY: Sami Malaeb, PE, REA

**LOG OF BORING  
 MW-3**

DEPTH (FEET)	SAMPLE DEPTH	SAMPLE NAME	GRAPHIC LOG	DESCRIPTION AND CLASSIFICATION	LITHOLOGY DESCRIPTION DEPTH	PID READING	COMMENTS
1				Mixed black Sand, Gravel, Clay (GC), slightly moist (~5% medium to coarse gravel, no odor of HC)	0' to 2.0'		Fill to ~ 2.0' possible fill to 6.0'
2							
3				Black Silty Clay (CH), medium stiff, slightly moist (~5% medium to coarse gravel, no odor of HC)	2.0' to 6.0'	1.0 ppm	
4							
5							
6		MW3-6.5					
7				Blue gray Sandy Clay (CL), Soft, moist (sand to medium grained, odor of HC starts at 10')	6.0' to 13.5'		9.2 ppm
8							
9							
10							
11		MW3-11.0					
12							
13							
14				Tan Brown fine Sandy Silt (ML), sand fine grained, moist (no odor of HC) (Oxidized orange, dense sand lense, 15.7-15.9' very moist)	13.5' to 18.0'		0 ppm
15							
16							
17							
18							
19				BOTTOM OF BORING at 18'			Boring was completed as Monitoring Well 3 (MW-3). Note: Rig not equipped with standard sampling hammer, and therefore blow counts not recorded (sample driven hydraulically)  No free water observed at time of drilling
20							
21							
22							
23							
24							
25							

POSITIVE GRADE FOR WATER  
TO FLOW AWAY FROM THE WELL BOX

GROUND SURFACE



Stabilized  
Depth to water  
~10.94 feet  
below top of casing  
(07/06/2012)

NOTES:

TOTAL WELL DEPTH 18.0'

Not to scale



1485 BAYSHORE BOULEVARD  
SUITE 374  
SAN FRANCISCO, CA 94124

2145 35th AVENUE  
OAKLAND, CALIFORNIA

(07/11/12) BY SM  
NOT TO SCALE

MW-3

CONSTRUCTION DIAGRAM





DRILLING DATE: 07/03/2012  
 DRILLING METHOD: Hollow Stem  
 DRILLING RIG TYPE: Geoprobe

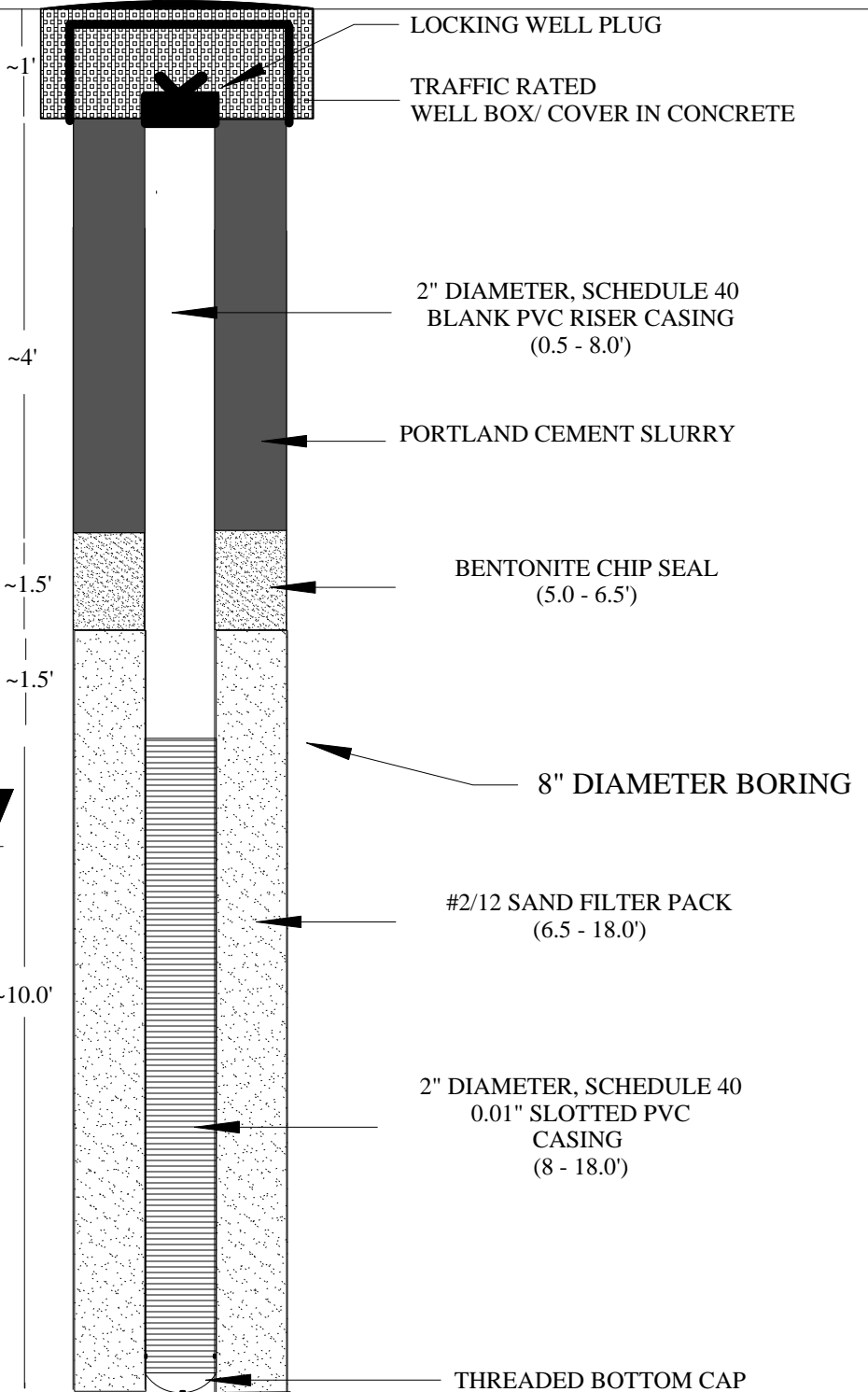
DRILLING LOCATION: 2145 35th Avenue, Oakland, CA  
 LOGGED BY: David Hoexter, PG, CEG, REA  
 CHECKED BY: Sami Malaeb, PE, REA

**LOG OF BORING**  
**MW-4**

DEPTH (FEET)	SAMPLE DEPTH	SAMPLE NAME	GRAPHIC LOG	DESCRIPTION AND CLASSIFICATION	LITHOLOGY DESCRIPTION DEPTH	PID READING	COMMENTS
1 2 3				Black Clay, (CH)*, soft, moist (~5% fine to coarse sand, no odor of HC) *based on nearby boring BH-11	0' to 3.0'		Fill to ~ 3.0'
4 5 6 7 8		MW4-5.5 MW4-6.0		Brown Clayey Silty Sand (SM), slightly moist, dense (no odor of HC)	3' to 8.0'	0.1 ppm	
9 10 11		MW4-10.0		Gray medium to coarse sand (SW), moist to wet, dense (no odor of HC)	8' to 11.0'	0.3 ppm	
12 13 14 15 16 17 18		MW4-15.5		Mottled tan brown and gray fine sandy silt and silty fine sand (ML/SM), very moist, dense sand and very stiff silt (in cuttings, 30% silt, 20% medium to coarse sand, 50% fine sand)	11.0' to 18.0'	0 ppm	
19 20 21 22 23 24 25				BOTTOM OF BORING at 18' Boring was completed as Monitoring Well 4 (MW-4).  Note: Rig not equipped with standard sampling hammer, and therefore blow counts not recorded (sample driven hydraulically)  No free water observed at time of drilling			

POSITIVE GRADE FOR WATER  
TO FLOW AWAY FROM THE WELL BOX

GROUND SURFACE



NOTES:

TOTAL WELL DEPTH 18.0'

Not to scale



1485 BAYSHORE BOULEVARD  
SUITE 374  
SAN FRANCISCO, CA 94124

2145 35th AVENUE  
OAKLAND, CALIFORNIA

(07/11/12) BY SM  
NOT TO SCALE

MW-4

CONSTRUCTION DIAGRAM

# APPENDIX I WELL DEVELOPMENT AND SAMPLING LOGS

---

# FLUID-LEVEL MONITORING DATA

Project Name: \_\_\_\_\_ Date: 7/6/12

Project/Site Location: 2145 35TH AVE OAKLAND CA

Technician: KIAN ATKINSON Method: ELECTRONIC

Boring/Well	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Total Well Depth (feet)	Comments
MW-1	10.13	—	—	17.94	@ 0925 2"
MW-2	10.90	NONE DETECTED	N/A	15.65	@ 0935 4"
MW-3	10.94	—	—	17.93	@ 0932 4"
MW-4	10.88	—	—	18.00	@ 0928 2"

Measurements referenced to top of well casing. NORTH

Well ID: MW-1

DYSERT ENVIRONMENTAL, INC.  
WELL PURGING / SAMPLING DATA

PROJECT:  
SITE LOCATION:

DATE: 7/6/12

2145 35TH AVE OAKLAND CA

CITY: OAKLAND

STATE: CA

PURGE DEVICE

circle one submersible pump peristaltic pump bladder pump disposable bailer

SAMPLING DEVICE

circle one bladder pump peristaltic pump disposable bailer discrete sampler other  
casing diameter (inches) circle one 0.75 1 1.5 2 4 6  
casing volumes (gallons) circle one 0.02 0.05 0.15 0.2 0.7 1.52

WELL DATA

SAMPLER/S: K. ADKINSON

WELL NUMBER / FIELD POINT ID: MW-1

A. TOTAL WELL DEPTH: 17.90

B. DEPTH TO WATER: 10.13

C. WATER HEIGHT (A-B): 7.83

D. WELL CASING DIAMETER: 2

E. CASING VOLUME: .2

F. SINGLE CASE VOLUME (Cx E): 1.566

G. CASE VOLUME (s) (Cx Ex 10 ): 15.66

H: 80% RECHARGE LEVEL (F+B): 11.690

PURGE DATA

START TIME: 1113 / 1126 / 1141 / 1155

FINISH TIME: 1120 / 1129 / 1145 / 1200

RECHARGE / SAMPLE TIME

DEPTH TO WATER:

TIME MEASURED:

GREATER THAN OR EQUAL TO 80% RECHARGE LEVEL (H): circle one YES NO

SAMPLE TIME:

DEPTH TO WATER:

SAMPLE APPEARANCE / ODOR:

TOTAL GALLONS PURGED: 23.5

WELL FLUID PARAMETERS

CASE VOLUME	1	2	3	4	5	6	7	8
pH	7.15	7.59	7.73	7.85	8.00	8.01	7.85	7.94
TEMP in °C	19.5	18.8	18.8	18.5	19.1	18.8	18.5	18.5
COND / SC	1825	1690	1647	1633	1620	895	938	726
DTW								
Pump Depth	11	11.5	12.5	15	→			
Pump Rate								

NOTES:

Well ID: MW-1

DYSERT ENVIRONMENTAL, INC.  
WELL PURGING / SAMPLING DATA

PROJECT:  
SITE LOCATION:

DATE: 7/6/12

2145 35TH AVE

CITY: OAKLAND STATE: CA

PURGE DEVICE

circle one submersible pump peristaltic pump bladder pump disposable bailer

SAMPLING DEVICE

circle one bladder pump peristaltic pump disposable bailer discrete sampler other

casing diameter (inches) circle one 0.75 1 1.5 2 4 6  
casing volumes (gallons) circle one 0.02 0.05 0.15 0.2 0.7 1.52

WELL DATA

SAMPLER/S:

WELL NUMBER / FIELD POINT ID:

A. TOTAL WELL DEPTH:

B. DEPTH TO WATER:

C. WATER HEIGHT (A-B):

SEE PAGE 1 OF 2

D. WELL CASING DIAMETER:

E. CASING VOLUME:

F. SINGLE CASE VOLUME (CxEx):

G. CASE VOLUME (s) (CxEx 10 ):  
H: 80% RECHARGE LEVEL (F+B):

PURGE DATA

START TIME:

SEE PAGE 1 OF 2

FINISH TIME:

RECHARGE / SAMPLE TIME

DEPTH TO WATER:

TIME MEASURED:

GREATER THAN OR EQUAL TO 80% RECHARGE LEVEL (H): circle one YES NO

SAMPLE TIME:

DEPTH TO WATER:

SAMPLE APPEARANCE / ODOR:

TOTAL GALLONS PURGED:

WELL FLUID PARAMETERS

CASE VOLUME	9	10	11	12	13	14	15	16
pH	7.34	7.36	7.48	7.29	7.32	7.34	7.38	
TEMP in °C	18.6	18.5	18.6	18.6	18.5	18.5	18.5	
COND / SC	587	601	623	648	621	611	629	
DTW								
Pump Depth	15	→						
Pump Rate								

NOTES:

Well ID: MW-2

DYSERT ENVIRONMENTAL, INC.  
WELL PURGING / SAMPLING DATA

PROJECT:  
SITE LOCATION:

DATE: 7/6/12

2145 35TH AVE

CITY: OAKLAND

STATE: CA

PURGE DEVICE

circle one submersible pump peristaltic pump bladder pump disposable bailer

SAMPLING DEVICE

circle one bladder pump peristaltic pump disposable bailer discrete sampler other

casing diameter (inches) circle one 0.75 1 1.5 2 4 6  
casing volumes (gallons) circle one 0.02 0.05 0.15 0.2 0.7 1.52

WELL DATA

SAMPLER/S: KIAN ADLISON

WELL NUMBER / FIELD POINT ID: MW-2

A. TOTAL WELL DEPTH: 15.65

B. DEPTH TO WATER: 10.90

C. WATER HEIGHT (A-B): 4.75

D. WELL CASING DIAMETER: 4

E. CASING VOLUME: 7

F. SINGLE CASE VOLUME (Cx): 3.325

G. CASE VOLUME (s) (CxEx 10): 33.25

H: 80% RECHARGE LEVEL (F+B): 14.22

PURGE DATA

START TIME: 1420/1440/1505/1525/1545

FINISH TIME: 1435/1500/1520/1540/1600

RECHARGE / SAMPLE TIME

DEPTH TO WATER:

TIME MEASURED:

GREATER THAN OR EQUAL TO 80% RECHARGE LEVEL (H): circle one YES NO

SAMPLE TIME:

DEPTH TO WATER:

SAMPLE APPEARANCE / ODOR:

TOTAL GALLONS PURGED:

WELL FLUID PARAMETERS

CASE VOLUME	1	2	3	4	5	6	7	8
pH	7.00	7.10	7.10	7.10	7.10	7.11	7.15	7.11
TEMP in °C	19.5	19.3	19.3	19.3	19.2	20.1	20.1	20.0
COND / SC	670	660	642	660	692	619	688	619
DTW	11.00	11.30	11.92	12.05	14.92	15.01	11.85	12.62
Pump Depth	14.5	→						
Pump Rate								

NOTES:

Well ID: MW-2

DYSERT ENVIRONMENTAL, INC.  
WELL PURGING / SAMPLING DATA

PROJECT:  
SITE LOCATION:

DATE: 7/6/12

CITY: 2145 35TH AVE OAKLAND STATE: CA

PURGE DEVICE  
circle one submersible pump peristaltic pump bladder pump disposable bailer

SAMPLING DEVICE  
circle one bladder pump peristaltic pump disposable bailer discrete sampler other  
casing diameter (inches) circle one 0.75 1 1.5 2 0.4 6  
casing volumes (gallons) circle one 0.02 0.05 0.15 0.2 0.7 1.52

WELL DATA

SAMPLER/S:

WELL NUMBER / FIELD POINT ID:

A. TOTAL WELL DEPTH:

B. DEPTH TO WATER:

C. WATER HEIGHT (A-B):

SEE PAGE 1 of 2

D. WELL CASING DIAMETER:

E. CASING VOLUME:

F. SINGLE CASE VOLUME (CxEx):

G. CASE VOLUME (s) (CxEx 10 )::

H: 80% RECHARGE LEVEL (F+B):

PURGE DATA

START TIME:

SEE PAGE 1 of 2

FINISH TIME:

RECHARGE / SAMPLE TIME

DEPTH TO WATER:

TIME MEASURED:

GREATER THAN OR EQUAL TO 80% RECHARGE LEVEL (H): circle one YES NO

SAMPLE TIME:

DEPTH TO WATER:

SAMPLE APPEARANCE / ODOR:

TOTAL GALLONS PURGED:

WELL FLUID PARAMETERS

CASE VOLUME	9	10	11	12	13	14	15	16
pH	7.10	7.0						
TEMP in °C	19.3	19.2						
COND / SC	1023	621						
DTW	13.45	13.92						
Pump Depth	14.5	→						
Pump Rate								

NOTES:



Well ID: MW-3

DYSERT ENVIRONMENTAL, INC.  
WELL PURGING / SAMPLING DATA

PROJECT:  
SITE LOCATION:

DATE: 7/6/12

CITY: OAKLAND

STATE: CA

circle one submersible pump PURGE DEVICE peristaltic pump bladder pump disposable bailer

circle one bladder pump SAMPLING DEVICE peristaltic pump disposable bailer discrete sampler other  
casing diameter (inches) circle one 0.75 1 1.5 2 6  
casing volumes (gallons) circle one 0.02 0.05 0.15 0.2 1.52

WELL DATA

SAMPLER/S: Van Atkinson

WELL NUMBER / FIELD POINT ID: MW-3

A. TOTAL WELL DEPTH: 12.53

B. DEPTH TO WATER: 10.94

C. WATER HEIGHT (A-B): 6.99

D. WELL CASING DIAMETER: 4

E. CASING VOLUME: .7

F. SINGLE CASE VOLUME (Cx): 4.853

G. CASE VOLUME (s) (CxEx 10): 48.53

H: 80% RECHARGE LEVEL (F+B): 15.83

PURGE DATA

START TIME: 1300

FINISH TIME: 1415

RECHARGE / SAMPLE TIME

DEPTH TO WATER:

TIME MEASURED:

GREATER THAN OR EQUAL TO 80% RECHARGE LEVEL (H): circle one YES NO

SAMPLE TIME:

DEPTH TO WATER:

SAMPLE APPEARANCE / ODOR:

TOTAL GALLONS PURGED: 49

WELL FLUID PARAMETERS

CASE VOLUME	1	2	3	4	5	6	7	8
pH	7.10	7.10	7.11	7.11	7.13	7.10	7.11	7.11
TEMP in °C	19.5	19.5	19.6	19.6	19.1	19.1	19.0	19.8
COND / SC	64.2	65.3	67.6	68.4	50.8	57.4	68.0	67.1
DTW	11.15	11.35						
Pump Depth	12							
Pump Rate								

NOTES:

Well ID: MW-3

DYSERT ENVIRONMENTAL, INC.  
WELL PURGING / SAMPLING DATA

PROJECT:  
SITE LOCATION:

DATE: 7/6/12

2145 35TH AVE

CITY: OAKLAND

STATE: CA

PURGE DEVICE

circle one submersible pump peristaltic pump bladder pump disposable bailer

SAMPLING DEVICE

circle one bladder pump peristaltic pump disposable bailer discrete sampler other

casing diameter (inches) circle one 0.75 1 1.5 2 4 6  
casing volumes (gallons) circle one 0.02 0.05 0.15 0.2 0.7 1.52

WELL DATA

SAMPLER/S:

WELL NUMBER / FIELD POINT ID:

A. TOTAL WELL DEPTH:

B. DEPTH TO WATER:

C. WATER HEIGHT (A-B):

SEE PAGE 1 OF 2

D. WELL CASING DIAMETER:

E. CASING VOLUME:

F. SINGLE CASE VOLUME (CxEx):

G. CASE VOLUME (s) (CxEx 10 )::

H: 80% RECHARGE LEVEL (F+B):

PURGE DATA

START TIME:

SEE PAGE 1 OF 2

FINISH TIME:

RECHARGE / SAMPLE TIME

DEPTH TO WATER:

TIME MEASURED:

GREATER THAN OR EQUAL TO 80% RECHARGE LEVEL (H): circle one YES NO

SAMPLE TIME:

DEPTH TO WATER:

SAMPLE APPEARANCE / ODOR:

TOTAL GALLONS PURGED: 49

WELL FLUID PARAMETERS

CASE VOLUME	9	10	11	12	13	14	15	16
pH	7.10	7.11						
TEMP in °C	19.7	19.6						
COND / SC	6.61	6.78						
DTW	11.35 →							
Pump Depth	12 →							
Pump Rate								

NOTES:

Well ID: MW-4

DYSERT ENVIRONMENTAL, INC.  
WELL PURGING / SAMPLING DATA

PROJECT:  
SITE LOCATION:

DATE: 7/6/12

2145 35TH AVE

CITY: OAKLAND STATE: CA

circle one submersible pump peristaltic pump bladder pump disposable bailer

circle one bladder pump peristaltic pump disposable bailer discrete sampler other  
casing diameter (inches) circle one 0.75 1 1.5 2 4 6  
casing volumes (gallons) circle one 0.02 0.05 0.15 0.2 0.7 1.52

WELL DATA

SAMPLER/S: KIM ATKINSON

WELL NUMBER / FIELD POINT ID: MW-4

A. TOTAL WELL DEPTH: 18.00

B. DEPTH TO WATER: 10.88

C. WATER HEIGHT (A-B): 7.12

D. WELL CASING DIAMETER: 2

E. CASING VOLUME: .2

F. SINGLE CASE VOLUME (Cx E): 1.424

G. CASE VOLUME (s) (Cx Ex 10 ): 14.24

H: 80% RECHARGE LEVEL (F+B): 12.30

PURGE DATA

START TIME: 1210

FINISH TIME: 1240

RECHARGE / SAMPLE TIME

DEPTH TO WATER: TIME MEASURED:  
GREATER THAN OR EQUAL TO 80% RECHARGE LEVEL (H): circle one YES NO

SAMPLE TIME: DEPTH TO WATER:

SAMPLE APPEARANCE + ODOR:

TOTAL GALLONS PURGED: 15

WELL FLUID PARAMETERS

CASE VOLUME	1	2	3	4	5	6	7	8
pH	7.27	7.28	7.29	7.26	7.24	7.25	7.25	7.26
TEMP in °C	20.1	20.1	20.1	20.0	19.9	19.9	19.8	19.8
COND / SC	533	520	520	516	519	512	517	518
DTW	7.33	7.80	8.05	8.12	8.27	8.39	8.70	9.12
Pump Depth	8	→	11	→				
Pump Rate								

NOTES:

Well ID: MN-4

DYSERT ENVIRONMENTAL, INC.  
WELL PURGING / SAMPLING DATA

PROJECT:  
SITE LOCATION:

DATE: 7/6/12

2145 35TH AVE

CITY: OAKLAND STATE: CA

circle one submersible pump peristaltic pump bladder pump disposable bailer

circle one bladder pump peristaltic pump disposable bailer discrete sampler other  
casing diameter (inches) circle one 0.75 1 1.5 3 4 6  
casing volumes (gallons) circle one 0.02 0.05 0.15 0.2 0.7 1.52

WELL DATA

SAMPLER/S:

WELL NUMBER / FIELD POINT ID:

A. TOTAL WELL DEPTH:

B. DEPTH TO WATER:

SEE PAGE 1 OF 2

C. WATER HEIGHT (A-B):

D. WELL CASING DIAMETER:

E. CASING VOLUME:

F. SINGLE CASE VOLUME (Cx):

G. CASE VOLUME (s) (CxEx 10):

H: 80% RECHARGE LEVEL (F+B):

PURGE DATA

START TIME:

SEE PAGE 1 OF 2

FINISH TIME:

RECHARGE / SAMPLE TIME

DEPTH TO WATER:

TIME MEASURED:

GREATER THAN OR EQUAL TO 80% RECHARGE LEVEL (H): circle one YES NO

SAMPLE TIME:

DEPTH TO WATER:

SAMPLE APPEARANCE / ODOR:

TOTAL GALLONS PURGED: 15

WELL FLUID PARAMETERS

CASE VOLUME	9	10	11	12	13	14	15	16
pH	7.21	7.20						
TEMP in °C	19.2	19.0						
COND / SC	526	525						
DTW	9.46	10.03						
Pump Depth	11	→						
Pump Rate								

NOTES:

W

### FLUID-LEVEL MONITORING DATA

Project Name: \_\_\_\_\_

Date: 7/9/12

Project/Site Location: 2445 35TH AVE OAKLAND CA

Technician: K. ATKINSON

Method: ELECTRONIC

Boring/Well	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Total Well Depth (feet)	Comments
MW-1	10.13			17.96	@ 0910
MW-2	10.89			15.61 <del>18.00</del>	@ 0925
MW-3	10.97			17.91	@ 0920
MW-4	10.85			18.00	@ 0915

Measurements referenced to top of well casing. N

Well ID: MW-1

DYSERT ENVIRONMENTAL, INC.  
WELL PURGING / SAMPLING DATA

PROJECT:  
SITE LOCATION:

DATE: 7/5/12

CITY: 2145 35TH AVE  
OAKLAND STATE: CA

circle one submersible pump circle peristaltic pump bladder pump disposable bailer

circle one bladder pump peristaltic pump disposable bailer discrete sampler other  
casing diameter (inches) circle one 0.75 1 1.5 8 4 6  
casing volumes (gallons) circle one 0.02 0.05 0.15 circle 0.2 0.7 1.52

WELL DATA

SAMPLER/S: K. Adkinson

WELL NUMBER / FIELD POINT ID: MW-1

A. TOTAL WELL DEPTH: 17.96

B. DEPTH TO WATER: 10.13

C. WATER HEIGHT (A-B): 7.83

D. WELL CASING DIAMETER: 2

E. CASING VOLUME: .2

F. SINGLE CASE VOLUME (Cx E): 1.766

G. CASE VOLUME (s) (Cx Ex 3): 4.698

H: 80% RECHARGE LEVEL (F+B): 11.70

PURGE DATA

START TIME: 0955 / 1003

FINISH TIME: 0550 / 1000

RECHARGE / SAMPLE TIME

DEPTH TO WATER: 12.03 TIME MEASURED: 1009

GREATER THAN OR EQUAL TO 80% RECHARGE LEVEL (H): circle one YES NO

SAMPLE TIME: 1010 DEPTH TO WATER: 11.65

SAMPLE APPEARANCE / ODOR: 9 brown / no odor

TOTAL GALLONS PURGED: 5.5

WELL FLUID PARAMETERS

CASE VOLUME	0	1	2	3	4			
pH	7.30	7.18	7.16	7.16	7.15			
TEMP in °C	18.2	18.3	18.3	18.3	18.3			
COND / SC	597	5.80	5.73	5.04	8.03			
DTW	12.58	—————→						
Pump Depth	15	—————→						
Pump Rate								

NOTES:

Well ID: MW-2

DYSERT ENVIRONMENTAL, INC.  
WELL PURGING / SAMPLING DATA

PROJECT:  
SITE LOCATION:

DATE: 7/9/12

2145 35TH AVE

CITY: OAKLAND STATE: CA

PURGE DEVICE

circle one submersible pump peristaltic pump bladder pump disposable bailer

SAMPLING DEVICE

circle one bladder pump peristaltic pump disposable bailer discrete sampler other  
casing diameter (inches) circle one 0.75 1 1.5 2 4 6  
casing volumes (gallons) circle one 0.02 0.05 0.15 0.2 0.7 1.52

WELL DATA

SAMPLER/S:

WELL NUMBER / FIELD POINT ID: MW-2  
A. TOTAL WELL DEPTH: 15.61  
B. DEPTH TO WATER: 10.89  
C. WATER HEIGHT (A-B): 4.72  
D. WELL CASING DIAMETER: 4  
E. CASING VOLUME: .7  
F. SINGLE CASE VOLUME (Cx E): 3.304  
G. CASE VOLUME (s) (Cx Ex 3): 9.912  
H. 80% RECHARGE LEVEL (F+B): 14.19

PURGE DATA

START TIME: 1155 / 1212  
FINISH TIME: 1202 / 1215

RECHARGE / SAMPLE TIME

DEPTH TO WATER: 1245 TIME MEASURED: 1215  
GREATER THAN OR EQUAL TO 80% RECHARGE LEVEL (H): circle one YES NO  
SAMPLE TIME: 1215 DEPTH TO WATER: 1228  
SAMPLE APPEARANCE / ODOR: sediment floating, diesel odour  
TOTAL GALLONS PURGED: 10.5

WELL FLUID PARAMETERS

CASE VOLUME	0	1	2	3				
pH	7.14	7.12	7.12	7.18				
TEMP in °C	19.5	19.2	19.0	19.1				
COND / SC	608	612	602	607				
DTW	12.24	14.97	11.47	12.80				
Pump Depth	14	→						
Pump Rate								

NOTES:

Well ID: MW-3

DYSERT ENVIRONMENTAL, INC.  
WELL PURGING / SAMPLING DATA

PROJECT:  
SITE LOCATION: 2445 35TH ME

DATE: 7/9/12

CITY: OAKLAND STATE: CA

PURGE DEVICE  
 circle one submersible pump peristaltic pump bladder pump disposable bailer

SAMPLING DEVICE  
 circle one bladder pump peristaltic pump disposable bailer discrete sampler other

casing diameter (inches) circle one 0.75 1 1.5 2 4 6  
 casing volumes (gallons) circle one 0.02 0.05 0.15 0.2 0.7 1.52

WELL DATA

SAMPLER/S: R. ADKINSON

WELL NUMBER / FIELD POINT ID: MW-3

A. TOTAL WELL DEPTH: 179.1

B. DEPTH TO WATER: 10.97

C. WATER HEIGHT (A-B): 69.1

D. WELL CASING DIAMETER: 4

E. CASING VOLUME: 1.7

F. SINGLE CASE VOLUME (Cx E): 11.858

G. CASE VOLUME (s) (Cx Ex 3): 14.574

H: 80% RECHARGE LEVEL (F+B): 15.83

PURGE DATA

START TIME: 1118

FINISH TIME: 1135

RECHARGE / SAMPLE TIME

DEPTH TO WATER: 11.20 TIME MEASURED: 16.01

GREATER THAN OR EQUAL TO 80% RECHARGE LEVEL (H): circle one YES NO

SAMPLE TIME: 1135 DEPTH TO WATER: 14.40

SAMPLE APPEARANCE / ODOR: clear / slight diesel

TOTAL GALLONS PURGED: 22

WELL FLUID PARAMETERS

CASE VOLUME	0	1	2	3	4			
pH	7.15	7.48	7.50	7.52	7.54			
TEMP in °C	19.0	19.1	19.1	19.0	18.9			
COND / SC	627	608	625	632	638			
DTW	11.95	12.85	14.21	15.09	15.81			
Pump Depth	13		15.5	17				
Pump Rate								

NOTES:



Well ID: MW-4

DYSERT ENVIRONMENTAL, INC.  
WELL PURGING / SAMPLING DATA

PROJECT:  
SITE LOCATION:

DATE: 7/9/12

CITY: 2145 35TH AVE  
OAKLAND STATE: CA

circle one submersible pump peristaltic pump bladder pump disposable bailer

circle one bladder pump peristaltic pump disposable bailer discrete sampler other  
casing diameter (inches) circle one 0.75 1 1.5 2 4 6  
casing volumes (gallons) circle one 0.02 0.05 0.15 0.2 0.7 1.52

WELL DATA

SAMPLER/S: KATUNSON

WELL NUMBER / FIELD POINT ID: MW-4

A. TOTAL WELL DEPTH: 18.00

B. DEPTH TO WATER: 10.85

C. WATER HEIGHT (A-B): 7.15

D. WELL CASING DIAMETER: 2

E. CASING VOLUME: -2

F. SINGLE CASE VOLUME (Cx): 1.43

G. CASE VOLUME (s) (CxEx 3): 4.29

H: 80% RECHARGE LEVEL (F+B): 12.28

PURGE DATA

START TIME: 1036 / 1048 /

FINISH TIME: 1040 / 1052 /

RECHARGE / SAMPLE TIME

DEPTH TO WATER: 12.25 TIME MEASURED: 1053

GREATER THAN OR EQUAL TO 80% RECHARGE LEVEL (H): circle one YES NO

SAMPLE TIME: 1055 DEPTH TO WATER: 12.27

SAMPLE APPEARANCE / ODOR: 4 brown / no odor

TOTAL GALLONS PURGED: 5

WELL FLUID PARAMETERS

CASE VOLUME	0	1	2	3				
pH	7.15	7.15	7.15	7.14				
TEMP in °C	19.1	19.1	19.1	19.1				
COND / SC	520	598	635	612				
DTW	12.80	13.91	14.02	13.61				
Pump Depth	15	→						
Pump Rate								

NOTES:

# APPENDIX J

## WELL SURVEY DATA

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**CANUMAY LAND SURVEYING**

P.O. Box 121  
Benicia, CA 94510  
(510) 209-7292 (c)

July 15, 2012

Sami Malaeb, P.E., R.E.A.  
Eagle Environmental Construction  
3150 Hilltop Mall Road  
Richmond, CA 94806

**Re: 2145 35<sup>th</sup> Avenue  
Oakland, CA 94601  
APN 027-0879-015-02**

Dear Sami,

The following is a list of the monitoring wells installed at the abovementioned site showing the geographic coordinates in NAD 83 and elevations in NAVD 88 expressed in U.S. Survey Feet.

The city of Oakland provided the coordinates of a monument (14 SW 3-R) on the monument line in 35<sup>th</sup> Avenue just south of the site in North American Datum of 1927, Zone III, (NAD 27). The city also provided an elevation benchmark National Geodetic Vertical Datum of 1929 (NGVD 29). My survey ties to them established the positions and elevations of the wells.

The conversion to geographic coordinates was done with a program provided by U.S. Corp of Engineers, Topographic Engineering Center entitled CORPSCON Version 5.1. This provided me with the latitude and longitude in North American datum of 1983, Zone III (NAD 83). The elevations also obtained are on North American Vertical Datum of 1988 (NAVD 88).

<b>WELL .</b>	<b>LATITUDE</b>	<b>LONGITUDE</b>	<b>ELEVATION</b>
MW-1	37°47'06.48443"	122°12'57.70283"	94.21'
MW-2	37°47'05.63024"	122°12'57.19320"	94.43'
MW-3	37°47'06.04906"	122°12'57.13431"	94.61'
MW-4	37°47'06.31762"	122°12'57.09313"	94.91'

Please call should you need any further clarifications.

Respectfully,

Paul Canumay, PLS 3272

# APPENDIX K WASTE MANIFEST

---

# NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

2. Page 1 of 1

3. Document Number

10579

GENERATOR

4. Generator's Name and Mailing Address

Salisbury Avenue Associates LLC  
2917 MacArthur Boulevard, #A3F  
Oakland, CA 94602

2145 35<sup>th</sup> Avenue  
Oakland, CA

Generator's Phone

5. Transporter Company Name

✓ Icon Environmental Services

6.

US EPA ID Number

CAL000 362980

7. Transporter Phone

(510) 476-1740

~~CLEARWATER ENVIRONMENTAL SERVICES~~

~~CAL0000070352980~~

8. Designated Facility Name and Site Address

Icon Environmental Services Inc  
1220 Whipple Rd  
Union City Ca 94587

9.

US EPA ID Number

CAL 000 369 026

10. Facility's Phone

510-476-1740

TRANSPORTER

11. Waste Shipping Name and Description

12. Containers  
No. Type

13. Total Quantity

14. Unit Wt/Vol

a. Non-Hazardous waste solid

007 DM 5600 P

b. Non-Hazardous Waste Liquid

004 DM 220 G

15. Special Handling Instructions and Additional Information

Wear PPE  
Emergency Contact  
(510) 476-1740  
Attn: Charles Seaton

Handling Codes for Wastes Listed Above

11a.

11b.

FACILITY

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to state or federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name *In Lieu of Generator*

Signature

Shedrick Borge



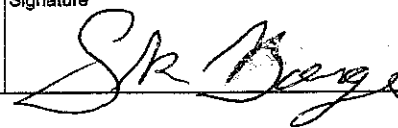
Month Day Year  
8 7 12

17. Transporter Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Shedrick Borge



Month Day Year  
8 7 12

18. Discrepancy Indication Space

19. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 18.

Printed/Typed Name

Signature

Charles Seaton



Month Day Year  
05 08 12