

# PSAI REALTY PARTNERS

COMMERCIAL REAL ESTATE

March 18, 2015

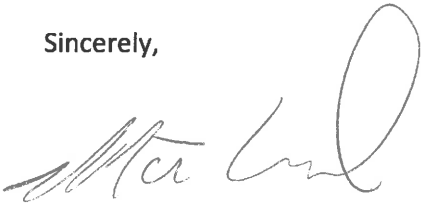
**RECEIVED**

*By Alameda County Environmental Health at 9:16 am, Mar 19, 2015*

To Whom it May Concern:

Attached is the "Phase II ESA- Limited Soil and Groundwater Investigation" for the property located at 1708 Wood Street in Oakland, CA 94607. I declare, under penalty of perjury, that the information and/or recommendations contained in the attached report are true and correct to the best of my knowledge.

Sincerely,



Martin Ward

PSAI Realty Partners



October 15, 2013

Transmitted via email:  
mward@psai-cre.com

Mr. Martin Ward  
PSAI Realty Partners  
155 Montgomery Street, Suite 1600  
San Francisco, California

**RE: Phase II ESA- Limited Soil and Groundwater Investigation  
Roadway/YRC Worldwide – 1708 Wood Street, Oakland, California**  
*ACC Project Number: 6470-034.01*

Dear Mr. Ward:

This report presents results of the Phase II ESA- Limited Soil and Groundwater Investigation performed by ACC Environmental Consultants, Inc. (ACC), at Roadway/YRC Worldwide, located at 1708 Wood Street, Oakland, California (Subject Property). ACC conducted a Phase I ESA at the subject property dated February 21, 2011 that identified the following Recognized Environmental Conditions (RECs):

- REC #1: The presence of leaking underground storage tanks (USTs), closed in place USTs, historical USTs, and the associated ongoing pollution characterization is interpreted to be a REC.
- REC #2: Because ACC cannot assess the integrity of the oil water separator coupled with the fact the significant amount of hazardous materials storage is located in the immediate vicinity of the oil water separator, the presence and use of an oil water separator at the subject property is interpreted to be a REC.
- REC # 3: The maintenance shop and the central eastern portion of the subject property are utilized as a chemical storage area and for truck maintenance. The fact that numerous drums of petroleum products are being stored at the subject property and vehicle maintenance is being conducted is interpreted to be a REC.
- REC #4: The subject property has been identified as historically utilized for industrial (Roofing, Furniture Warehousing, Sheet Metal, and Iron Works) purposes and automotive (McKinley Perkins, Historical USTs and California Motor Express) related purposes. These historical uses of the subject property are interpreted to be a REC.
- REC#5: The subject property is located in a portion of the City of Oakland that has been utilized for heavy industrial purposes for more that fifty years. As a result of this heavy industrial use in the immediate vicinity of the subject property, numerous releases of hazardous

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materials and other environmental issues are prevalent. ACC could not eliminate the possibility that contaminated groundwater from nearby sites of environmental concern could be impacting the subject property. The likely potential that impacted groundwater could be migrating to and impacting the subject property is interpreted to be a REC. In addition, the likely potential that impacted groundwater could be migrating to and impacting the subject property is interpreted to be a potential vapor intrusion concern (PVIC).

REC#6: Due to the number of releases reported, the limited information on what environmental media may have been affected, the lack of detailed cleanup procedures and the types of chemicals spilled in these releases the subject properties listing on the Hazardous Material Incident Reporting System (HMIRS) & the California Hazardous Material Incident Reporting System (CHMIRS) databases is interpreted to be a REC.

The purpose of this Phase II ESA- Limited Soil and Groundwater Investigation was 1) obtain soil characterization data for potential redevelopment of the site for either commercial/industrial use and/or residential use; 2) obtain groundwater data characterization data for potential redevelopment of the site for either commercial/industrial use and/or residential use.

If you have any questions regarding this Work Plan, please call me at (510) 638-8400, extension 110 or email me at [jsiudyla@accenv.com](mailto:jsiudyla@accenv.com).

Sincerely,



Julia Siudyla  
Project Geologist

Enclosures



**Phase II ESA- Limited Soil and Groundwater Investigation**

1708 Wood Street  
Oakland, California

*ACC Project Number 6470-034.01*

Prepared for:

Mr. Martin Ward  
PSAI Realty Partners  
155 Montgomery Street, Suite 1600  
San Francisco, CA 94104

October 15, 2013

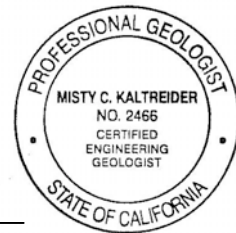
A handwritten signature in black ink, appearing to read 'Julia Siudyla', is written over a horizontal line.

Julia Siudyla  
Project Geologist

A handwritten signature in black ink, appearing to read 'Misty C. Kaltreider', is written over a horizontal line.

Reviewed by:

Misty C. Kaltreider, PG 7016, CEG 2466  
Engineering Geologist



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## 1.0 INTRODUCTION

This report presents results of the Phase II ESA- Limited Soil and Groundwater Investigation performed by ACC Environmental Consultants, Inc. (ACC), at Roadway/YRC Worldwide, located at 1708 Wood Street, Oakland, California (Subject Property). ACC conducted a Phase I ESA at the subject property dated February 21, 2011 that identified the following Recognized Environmental Conditions (RECs):

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- REC#5: The subject property is located in a portion of the City of Oakland that has been utilized for heavy industrial purposes for more than fifty years. As a result of this heavy industrial use in the immediate vicinity of the subject property, numerous releases of hazardous materials and other environmental issues are prevalent. ACC could not eliminate the possibility that contaminated groundwater from nearby sites of environmental concern could be impacting the subject property. The likely potential that impacted groundwater could be migrating to and impacting the subject property is interpreted to be a REC. In addition, the likely potential that impacted groundwater could be migrating to and impacting the subject property is interpreted to be a potential vapor intrusion concern (PVIC).
- REC#6: Due to the number of releases reported, the limited information on what environmental media may have been affected, the lack of detailed cleanup procedures and the types of chemicals spilled in these releases the subject properties listing on the Hazardous Material Incident Reporting System (HMIRS) & the California Hazardous Material Incident Reporting System (CHMIRS) databases is interpreted to be a REC.

The purpose of this Phase II ESA- Limited Soil and Groundwater Investigation was 1) obtain soil characterization data for potential redevelopment of the site for either commercial/industrial use and/or residential use; 2) obtain groundwater data characterization data for potential redevelopment of the site for either commercial/industrial use and/or residential use.

This Phase II ESA- Limited Soil and Groundwater Investigation is prepared for the express use of PSAI Realty Partners, its agents and employees and shall not be relied upon by third party interests unless

written authorization is provided by PSAI Realty Partners and ACC. The information and or proposed scope of work included in this work plan may be required to be submitted and approved to regulatory agencies overseeing work.

### ***1.1 Background***

The Site is located at 1708 Wood Street in Oakland, California. The Site is currently occupied by Roadway/YRC Worldwide and is utilized as a trucking terminal. ACC conducted a Phase I ESA at the subject property dated February 21, 2011 that identified six (6) recognized environmental conditions (described above). Based on the finding of the Phase I ESA this Phase II ESA was conducted.

### ***1.2 Previous Site Investigations***

Numerous previous site investigations have been conducted at the subject property. The majority of these investigations have been conducted in and around the two UST basins (Central Eastern UST Basin and Northwestern Corner UST Basin) on the subject property. Based on the investigations conducted by Burns Mc Donnell, the identified groundwater flow direction is to the west. A general summary of these investigations is provided below:

#### **Central-Eastern UST Basin**

The first UST basin is located in the central eastern portion of the subject property. This UST basin historically had three (3) USTs consisting of: one 10,000-gallon gasoline, one 10,000-gallon diesel, and one 6,000-gallon motor oil. In March 1987, two (2) of these USTs (one 10,000-gallon gasoline tank and one 6,000-gallon motor oil tank) were removed. Soil from beneath the 6,000-gallon UST was impacted with oil & grease. Groundwater was impacted with volatile hydrocarbons and oil & grease. As a result two groundwater-monitoring wells (MW-1 and MW-2) were installed in and around this UST Basin.

In April 1996, the remaining 10,000-gallon diesel UST and all associated piping were removed from the ground. During this tank removal, monitoring well MW-1, located within the excavation footprint, was removed. In addition, approximately 113 tons of petroleum-impacted soil was removed and disposed of offsite. Limited amounts of soil impacted with TPHd remained near the dispenser area.

In 1998 a Preliminary Soil and Groundwater Investigation was conducted by BCon Environmental. BCon conducted eight (8) soil borings to depth to 8-14 feet below ground surface. Soil was found to be impacted. Concentrations up to 240 mg/Kg TPHd and 43 mg/kg Oil & Grease were reported in the soil. Groundwater was encountered at depth ranging from two to seven feet bgs. Seven (7) of the nine (9) groundwater samples had detections of TPHd up to 120 µg/L.

In September 2000 to January 2001, One Environment installed three monitoring wells (MW-3, MW-4, and MW- 5) around the location of the removed USTs in the central-eastern area of the Site and prepared the Additional Soil and Groundwater Investigation report. Six soil samples were collected of which all samples were non-detect for TPHd, TPHg, BTEX, MTBE and Oil & Grease. Three (3) groundwater samples were collected from the newly installed monitoring wells and all groundwater samples had detections of TPHd ranging from 65.7 µg/L to 78.7 µg/L.

In March 2007, Burns & McDonnell began sampling the existing monitoring wells. In December 2007, Burns & McDonnell initiated subsurface characterization at the Site, which consisted of six direct push borings, advanced to a maximum depth of 15 feet bgs. In the central-eastern portion of the Site where the USTs had been removed, petroleum- hydrocarbon impacts were reported in the shallow groundwater samples. The highest impacts in this area were observed in grab groundwater samples from boring BM-2.



This boring was located below the former fueling island and was advanced through the gravel fill placed in the former tank excavation. Concentrations of TPH as diesel was reported up to 140 µg/L in MW-2, located 25 feet downgradient (west) of the former tank excavation.

Burns & McDonnell have conducted quarterly groundwater monitoring at the site since 2007. In February 2009, Burns & McDonnell installed three additional groundwater monitoring wells (MW-6, MW-7 and MW-8) which were screened in the shallow groundwater zone (5-10 feet bgs). The groundwater monitoring wells screened between 10 and 30 feet bgs (MW-3, MW-4, and MW-5) have not shown any petroleum-hydrocarbon constituents since the March or December 2007 sampling events. Monitoring well MW-2, which is screened between 0.5 and 9.2 feet bgs, is the only monitoring well at the Site that has recently shown any petroleum hydrocarbon constituents.

As a result of these findings Burns McDonnell requested regulatory closure “No Further Action” for the release related to the USTs located in the central eastern portion of the subject property. At this time regulatory closure has not been granted. ACC has inquired with Alameda County to determine why closure has not been granted at this time. ACC spoke with the Alameda County caseworker, Mr. Paresh Khatri for the subject property. He stated that due to the county current workload and staffing inefficiencies the subject property has not yet been reviewed for case closure however, it appears to meet the conditions for closure.

The presence of leaking underground storage tanks at the subject property and the associated ongoing pollution characterization is interpreted to be a REC.

#### **Northwestern Corner UST Basin**

In May of 1987 two (2) USTs were closed in place at the subject property, one (1) 10,000-gallon (unknown contents) and one (1) 2,000-gallon waste oil. These USTs were filled with a sand slurry grout and abandoned in place due to their proximity to an existing building located on the subject property.

In 2008 Burns McDonnell conducted three borings (BM-7, BM-8, and BM-9) from 5 to 7 feet bgs in the area near the corner of 18th Street and Wood Street, in the approximately location where the USTs were abandoned in place. Soil samples were indicated detections of TPH<sub>mo</sub> in borings BM-7 (at 6 feet bgs), BM-8 (at 7 feet bgs), and BM-9 (at 5 feet bgs) at concentrations of 86 mg/Kg, 1,700 mg/Kg, and 83 mg/Kg, respectively. Acetone was detected at a concentration of 110 µg/Kg in sample BM-8 (7 feet bgs). Various concentrations of heavy metals were detected in soil samples from borings BM-7, BM-8, and BM-9.

Grab groundwater samples indicated detections of TPH<sub>d</sub> in borings BM-7, BM-8, and BM-9 at concentrations of 120 µg/L, 61,000 µg/L, and 1,200 µg/L, respectively. TPH<sub>g</sub> was detected in borings BM-8 and BM-9 at concentrations of 54,000 µg/L and 180 µg/L, respectively. Oil and grease were detected in boring BM-8 at a concentration of 430 mg/L. Methyl-tert-Butyl Ether (MTBE) was detected in BM-7, at a concentration of 2.3 µg/L.

It was noted that there was a fuel odor in the groundwater samples taken from BM-8 and BM-9, and hydrocarbon sheen was observed on the water sample obtained from BM-8.

In September 2008, Burns McDonnell conducted additional site assessment, which included four (4) borings (BM-16 through BM-19). One boring is located outside the fence line along 18th Street (BM-19), one to the northeast outside the fence line of the abandoned tank (BM-18), one at the corner of the shop building (BM-16), and one boring installed downgradient to the west of the UST, near the property edge (BM-17). Soil boring samples in the area of the abandoned in place USTs (BM-16 through BM-19),

showed TPHd concentrations up to 6 mg/Kg (BM-19 at 7.8 feet bgs). Concentrations of TPHmo were reported up to 19 mg/Kg (BM-19 at 7.8 feet bgs).

## **2.0 FIELD INVESTIGATION**

### **2.1 Soil Borings**

On February 15-17, 2011, ACC conducted eighteen (18) soil borings at the subject property to investigate the six (6) RECs identified in the Phase I ESA. These borings were conducted to select depth intervals ranging from 2-16 feet below ground surface (bgs). The soil borings were conducted using direct-push Geoprobe™ equipment. Select depth intervals (dependent on filed observations and likely depth intervals for impact) were collected from hand auger and/or continually cored direct-push samples. All soil boring locations were logged using the Unified Soil Classification System on ACC filed boring log forms, field screened with a PID meter, and prepared for analysis. Boring logs describing the soil conditions are attached.

On March 18, 2011, ACC conducted nine (9) additional soil borings at the subject property to further delineate the soil impacts in the central and eastern portion of the subject property. These borings were conducted to 12 feet below ground surface (bgs). The soil borings were conducted using direct-push Geoprobe™ equipment. Select depth intervals (dependent on filed observations and likely depth intervals for impact) were collected from hand auger and/or continually cored direct-push samples. All soil boring locations were logged using the Unified Soil Classification System on ACC filed boring log forms, field screened with a PID meter, and prepared for analysis. Boring logs describing the soil conditions are attached.

Soil intervals saved for analysis were collected in Encore sampling containers (field preserved via EPA Method 5035/EnCore Sample) and glass jars, clearly labeled with the sample ID Number and placed in a pre-chilled insulated container and prepared for transport and analysis using standard chain of custody protocol. Soil samples collected for analysis were sealed and cooled as soon as feasible to minimize potential volatilization. All samples were in a locked vehicle or in direct observation at all times.

Prior to conducting all invasive work, ACC contacted Underground Service Alert (ticket Number 0047679), underground utility locator to mark all utilities at the subject property. ACC Also obtained a drilling permit (W2011-0065) from Alameda County Public Works for this scope of work.

The soil borings were backfilled by tremie with cement grout or cement grout/sand mixture (cement slurry consisting of approximately six gallons of water mixed with 94 pounds of Portland cement). The cement slurry was prepared with an electric mixing rod to minimize cement lumps in the slurry mix. The surface of the soil borings were covered with approximately 3 to 6 inches of concrete and colored to match the existing surface. An Alameda County Inspector, Mr. Steve Miller, observed the backfilling activities.

All soil cuttings remaining or unused were containerized and are in the process of being characterized for proper disposal. The 55-gallon drums are clearly labeled to the ownership of the container, labeled hazardous or non-hazardous, and are being stored in a secure location until they can be removed.

## 2.2 Groundwater Sampling

ACC collected one grab groundwater sample from eleven (11) of the soil boring locations. Grab groundwater samples were collected with the use of schedule 40 PVC, 1-inch, temporary monitoring wells. Each soil boring was completed to approximately five feet below the depth of first encountered groundwater (ranging from 1 to 6 feet bgs) and the temporary monitoring well was set with a 5-foot long screen, which was exposed to the formation. Water levels in each temporary monitoring well were measured using an electric interface probe (Solinst), which distinguishes between liquid phase hydrocarbon (LPH) and water. Grab water samples were collected into laboratory supplied bottles and vials using clean polyethylene tubing and a peristaltic pump. The majority of the water samples were observed to be very turbid, therefore, after collection, the samples for Cam 17 Metals analysis were allowed to settle out, reducing the amount of sediment, followed by filtration using 0.45 micron filters, thus reducing residual sediment in the sample. The amount of sediment and turbidity observed in the water samples was noted on field logs. Following filtering, grab groundwater samples were collected into laboratory-supplied 40-milliliter sample vials without headspace, and 1-liter amber bottles, labeled and immediately sealed and cooled to minimize potential volatilization.

In addition to the grab groundwater samples from the boring, ACC collected groundwater samples from all six (6) groundwater-monitoring wells (MW-3, MW-4, MW-5, MW-6, MW-7, and MW-8) located at the subject property. Each of the wells was located, opened, and allowed to equilibrate for an accurate water level reading. Fluid levels in each monitoring well were measured using an electric interface probe (Solinst), which distinguishes between liquid phase hydrocarbon (LPH) and water. The depths to any potential LPH, to water, and to the bottom of the monitoring well were all measured from the top of the monitoring well casing. No LPH was detected in any of the monitoring wells on the subject property. Once accurate water levels were acquired, the wells were purged and sampled using standard low flow methods. The low flow purging method utilized a peristaltic pump and clean polyethylene tubing to remove the water from the well at 0.5 liters per minute to eliminate draw down of the water column. Specific groundwater parameters are measured at timed intervals. These parameters include temperature, pH, conductivity, redox potential, and turbidity. Additional observations (sheen, odors, dissolved oxygen, and discoloration) were also noted on the field sheets. The wells were sampled following purging once the parameters had stabilized in accordance with EPA guidelines. Groundwater was collected into laboratory-supplied 40-milliliter sample vials without headspace, and 1-liter amber bottles, labeled and immediately sealed and cooled to minimize potential volatilization.

All purge water was collected in 55-gallon drums, which were properly labeled and stored onsite until removed for proper disposal.

## 2.3 Analytical Methods

As a part of investigating REC # 1 (the presence of leaking underground storage tanks (USTs), closed in place USTs, historical USTs, and the associated ongoing pollution characterization at the subject property), ACC conducted three soil borings in the Northwestern UST Basin (SB-1, SB-2, and SB-3) located in the northwestern corner of the subject property. The contents of the two USTs in the Northwestern Corner UST Basin were waste oil and unknown contents. As a result, the soil and groundwater samples (SB-1, SB-2, and SB-3) collected in the northwestern corner UST basin were analyzed for the following constituents:

- Total Petroleum Hydrocarbons as gasoline (TPHg),
- Benzene, Toluene, Ethylbenzene and Xylenes (BTEX) by EPA Method 8260B,

- Lead Scavengers: Ethylene dibromide (EDB) and Ethylene dichloride (EDC) [EDC is also known as 1,2-dichloroethane or 1,2-DCA] by EPA Method 8260B,
- Five Fuel Oxygenates: Methyl tert-butyl ether (MTBE), Tert-amyl methyl ether (TAME), Disopropyl ether (DIPE), Ethyl tert-butyl ether (ETBE), and Tert-butyl alcohol (TBA) by EPA Method 8260B,
- Total Petroleum Hydrocarbons as Diesel (TPHd) by EPA Method 8015M,
- Total Oil and Grease by EPA Method 1664,
- Polychlorinated Biphenols (PCBs) by EPA Method 8082,
- Polynuclear Aromatic Hydrocarbons (PNAs) by EPA Method 8270,
- Creosote by EPA Method 8270, and
- CCR Title 22 Metals (CAM 17) by EPA Method 6010.

It should be noted that due to poor groundwater production from soil boring SB-3 only TPHd and Motor Oil (TPHmo), PNAs, and Total Oil and Grease were analyzed.

As a part of investigating REC #4 (Historical uses of the subject property for industrial purposes; Roofing, Furniture Warehousing, Sheet Metal, and Iron Works) and REC #6 (HMIRS and CHMIRS Releases), ACC conducted soil borings SB-4 (soil and groundwater), SB-5 (soil only), SB-6 (soil and groundwater), SB-7 (soil and groundwater), and SB-8 (soil only) around the loading dock building located in the southwestern portion of the subject property. These soil and groundwater samples were for the following constituents:

- PNAs,
- CAM 17 Metals,
- TPHd, TPHmo, and
- Volatile Organic Compounds (VOCs).

As a part of investigating, REC #1 (the presence of leaking underground storage tanks (USTs), closed in place USTs, historical USTs, and the associated ongoing pollution characterization at the subject property), REC #2 (The Oil Water Separator), REC #3 (The maintenance shop, chemical storage, and vehicle maintenance), and REC #4 (historical uses of the subject property for industrial purposes; Roofing, Furniture Warehousing, Sheet Metal, Iron Works, McKinley Perkins, historical USTs and California Motor Express), ACC conducted five soil borings SB-10 (groundwater only), SB-11 (soil and groundwater), SB-12 (soil only), SB-13 (soil only), and SB-14 (soil only). The soil and groundwater samples collected from the five soil boring were analyzed for the following constituents:

- Ethylene glycol, Halogenated VOCs (HVOCs) by EPA Method 8260B,
- CAM 17 Metals,
- Total Oil and Grease,
- TPHd,
- TPHmo,
- TPHg,
- BTEX,
- MTBE, and
- the Five Fuel Oxygenates.

In addition, ACC also collected six groundwater samples from the six-groundwater monitoring wells (MW-3, MW-4, MW-5, MW-6, MW-7 and MW-8) located in the central-eastern UST Basin/maintenance

shop vicinity on the subject property. The groundwater samples from the six-groundwater monitoring wells were analyzed for the following constituents:

- TPHg,
- TPHd,
- TPHmo,
- HVOCs,
- BTEX,
- Five Fuel Oxygenates, and
- Total Oil and Grease.

As a part of investigating REC #4 (Historical uses of the subject property for industrial purposes; Roofing, Furniture Warehousing, Sheet Metal, and Iron Works) and REC # 5 (potential for impacted groundwater to migrating to and impacting the subject property), ACC conducted soil borings SB-15 (soil only), SB-16 (soil and groundwater), SB-17 (groundwater only), SB-18 (groundwater only), and SB-19 (soil only). The soil and groundwater samples collected from SB-15, SB-16, SB-17, and SB-18 were analyzed for the following constituents:

- PNAs,
- VOCs,
- CAM 17 Metals,
- TPHd,
- TPHmo, and
- TPHg.

The soil sample collected from SB-19 was only analyzed for PCBs.

### **3.0 FIELD OBSERVATIONS**

Soils encountered generally consisted of dark grey, black, and dark brown plastic clay with lenses of very fine-grained sand and trace gravel to the maximum depth explored of 12 feet bgs. With the exception of SB-11, no elevated PID readings were noted; however the soil generally had an odor. Groundwater was typically encountered between 2 to 3 feet bgs and stabilized up to 1.5 feet bgs. Observations for each boring are presented below;

#### ***Soil Boring SB-1:***

Soil boring SB-1 was conducted on the western side of the Northwestern Corner UST Basin through asphalt to a max depth of 12 feet below ground surface (bgs). One soil sample (SB-1) was collected from this soil boring at 2.5-3.0 feet bgs in an area of visible soil discoloration and diesel odor. Soil in this boring consisted of dark brown to grayish brown plastic clay that was moist to wet with very fine to fine-grained sand and trace gravel. No elevated PID readings were observed. Groundwater was encountered in this boring at approximately 2 feet bgs and equilibrated in the temporary monitoring well to 1.67 feet bgs. One groundwater sample (SB-1) was collected from this boring.

#### ***Soil Boring SB-2:***

Soil boring SB-2 was conducted on the eastern side of the Northwestern Corner UST Basin through asphalt to a max depth of 12 feet bgs. One soil sample (SB-2) was collected from this soil boring at approximately 2.5-3.0 feet bgs, in an area of visible soil discoloration (grayish black), diesel odor and sheen. Soil in this boring consisted of dark brown to grayish brown plastic clay that was moist to wet with

very fine to fine-grained sand and trace gravels. No elevated PID readings were observed. Groundwater was encountered in this boring at approximately 3.0 feet bgs and equilibrated in the temporary monitoring well to 2.5 feet bgs. One groundwater sample (SB-2) was collected from this boring.

***Soil Boring SB-3:***

Soil boring SB-3 was conducted on the northern side of the Northwestern Corner UST Basin through asphalt to a max depth of 12 feet bgs. One soil sample (SB-3) was collected from this soil boring at a depth of 2.0-2.5 feet bgs. Soil in this boring consisted of dark brown to grayish brown plastic clay that was moist to wet with very fine to fine-grained sand and trace gravel. Soil in this boring appeared to be discolored (grayish black) and had a diesel odor. No elevated PID readings were observed. Groundwater was encountered in this boring at approximately 3.6 feet bgs and equilibrated in the temporary monitoring well to 1.8 feet bgs. One groundwater sample (SB-3) was collected from this boring. It should be noted that groundwater in this well did not recharge quickly. ACC collected water from this well on two consecutive days and was unable to obtain enough water to run the complete analyses as SB-1 and SB-2. Therefore a reduced analytical scan (TPHd, TPHmo, Total Oil and Grease, and PNAs) was implemented.

***Soil Boring SB-4:***

Soil boring SB-4 was conducted on the northern-western side of the Loading Dock Building. This boring was conducted through 8 inches of concrete to a max depth of 12 feet bgs. One soil sample (SB-4) was collected at approximately 2.0-2.5 feet bgs. Soil in this boring consisted of dark grayish-brown plastic clay that was moist to wet with very fine to fine-grained sand and trace gravel. No odor or elevated PID readings were observed. Groundwater was encountered in this boring at approximately 2.5 feet bgs and equilibrated in the temporary monitoring well to 2.5 feet bgs. One groundwater sample (SB-4) was collected from this boring.

***Soil Boring SB-5:***

Soil boring SB-5 was conducted on the northern-central side of the Loading Dock Building. This boring was conducted through asphalt to a max depth of 12 feet bgs. One soil sample (SB-5) was collected from this soil boring at approximately 2.0-2.5 feet bgs. Soil in this boring consisted of dark grayish brown plastic clay that was moist to wet with very fine to fine-grained sand and trace gravel. A one-foot thick fine-grained sand lens with shell fragments and a sulfur odor was encountered at approximately 7.5-8.0 feet bgs. Soil in this boring had a diesel odor. No elevated PID readings were observed. Groundwater was encountered at approximately 7.5 feet bgs however, no temporary well was placed in this well and no groundwater sample was collected.

***Soil Boring SB-6:***

Soil boring SB-6 was conducted on the northern-eastern side of the Loading Dock Building through asphalt to a max depth of 12 feet bgs. One soil sample (SB-6) was collected at approximately 2.0-2.5 feet bgs. Soil in this boring consisted of dark grayish-brown plastic clay that was moist to wet with very fine to fine-grained sand and trace gravel. Soil in this boring had a diesel odor. No elevated PID readings were observed. Groundwater was encountered in this boring at approximately 2.5 feet bgs and equilibrated in the temporary monitoring well to 2.5 feet bgs. One groundwater sample (SB-6) was collected from this boring.

***Soil Boring SB-7:***

Soil boring SB-7 was conducted on the southern-western side of the Loading Dock Building through asphalt to 12 feet bgs. One soil sample (SB-7) was collected from at approximately 2.5-3.0 feet bgs. Soil encountered consisted of very dark greenish-grey to dark brown plastic clay that was moist to wet with very fine to fine-grained sand and trace gravel. No elevated PID readings were observed. Groundwater

was encountered in this boring at approximately 1.5 feet bgs and equilibrated in the temporary monitoring well to 2.43 feet bgs. One groundwater sample (SB-7) was collected from this boring.

***Soil Boring SB-8:***

Soil boring SB-8 was conducted on the south-central side of the Loading Dock Building through asphalt to 6 feet bgs. One soil sample (SB-8) was collected from this soil boring at approximately 1.5-2.0 feet bgs. Soil in this boring consisted of very dark greenish-grey to dark brown plastic clay that was moist to wet with very fine to fine-grained sand and trace gravels. No elevated PID readings were observed. Groundwater was encountered at approximately 2.25 feet bgs however, no temporary well was placed in this well and no groundwater sample was collected.

***Soil Boring SB-9:***

Soil boring SB-9 was conducted on the in the Eastern-Central UST Basin to the east of MW-4 through asphalt to 12 feet bgs. Two soil samples (SB-9 [1.0-1.5] and SB-9 [7.5-8.0]) were collected from this soil boring. Soil in this boring consisted of very dark grey to dark greenish grey plastic clay that was moist to wet with very fine to fine-grained sand. No elevated PID readings were observed. Groundwater was encountered at approximately 1.2 feet bgs however, no temporary well was placed in this well and no groundwater sample was collected.

***Soil Boring SB-10:***

Soil boring SB-10 was conducted in the Eastern-Central UST Basin in between MW-7 and MW-8, through concrete to 12 feet bgs. No soil sample was collected from this soil boring location as this boring was conducted through pea gravel fill associated with the former UST basin. Groundwater was encountered at approximately 2.5 feet bgs and equilibrated in the temporary monitoring well to 2.5 feet bgs. One groundwater sample (SB-10) was collected from this boring.

***Soil Boring SB-11:***

Soil boring SB-11 was conducted on the northern side of the Eastern Central UST Basin adjacent to the oil water separator, east of MW-4. This boring was conducted through asphalt to 12 bgs. One soil sample (SB-11) was collected at approximately 2.0-2.5 feet bgs from an area of visible staining, elevated PID readings and odor. Soil in this boring consisted of dark grayish-brown plastic clay that was moist to wet with very fine to fine-grained silty sand. Elevated PID readings were observed ranging from 280-300 parts per million (ppm). The soil and groundwater in this soil boring exhibited a sheen. Groundwater was encountered at approximately 2.75 feet bgs and equilibrated in the temporary monitoring well to 2.5 feet bgs. One groundwater sample (SB-11) was collected from this boring.

***Soil Boring SB-12:***

Soil boring SB-12 was conducted on the eastern side of the Eastern Central UST Basin, east of MW-5. Two attempts were made to complete this boring. Refusal was encountered in both attempts at approximately 3.0 feet bgs. One soil sample (SB-12) was collected from the second attempt at approximately 2.0-2.5 feet bgs. Soil consisted of dark grayish-brown to black plastic clay that was moist to wet with very fine to fine-grained sand and trace gravel. Soils in this boring had a gasoline odor; however no elevated PID readings were observed. No groundwater was encountered in this boring.

***Soil Boring SB-13:***

Soil boring SB-13 was conducted on the southern side of the Eastern Central UST Basin, located between MW-3 and MW-6. This boring was conducted through asphalt to 12 feet bgs. One soil sample (SB-13) was collected at approximately 1.5-2.0 feet bgs. Soil in this boring consisted of very dark grayish brown plastic clay that was moist to wet with very fine-to-fine grained sand and trace gravel and had a diesel odor. Soils below 3 feet bgs were observed to be saturated and no recovery was obtained. Additionally, no

elevated PID readings were observed. Groundwater was encountered in this boring at approximately 3.25 feet bgs however, no temporary well was placed in this well and no groundwater sample was collected since it was located in between existing monitoring wells.

***Soil Boring SB-14:***

Soil boring SB-14 was conducted on the western side of the Eastern Central UST Basin, north of MW-7. This boring was conducted through asphalt to 12 feet bgs. One soil sample (SB-14) was collected at approximately 14.5-16 feet bgs. Soil in this boring consisted of very dark greenish-grey to black plastic clay that was moist to wet with very fine to fine-grained sand and trace gravel. A two-foot thick fine-grain sand lens was encountered at approximately 12-14 feet bgs in this boring. Soil appeared to be discolored (grayish black) and had a diesel odor. No elevated PID readings were observed. Groundwater was encountered at approximately 3.25 feet bgs however, no temporary well was placed in this boring and no groundwater sample was collected.

***Soil Boring SB-15:***

Soil boring SB-15 was conducted on the eastern side of the subject property in an area historically utilized by Sheet Metal, Iron Works, and McKinley Perkins Petroleum, through asphalt to 12 feet bgs. One soil sample (SB-15) was collected at approximately 2.0-2.5 feet bgs. Soil consisted of dark yellowish-brown to black plastic clay that was moist to wet with very fine to fine-grained sand and trace gravel. Soil in this boring appeared to be discolored and had a diesel odor. No elevated PID readings were observed. Groundwater was encountered at approximately 2.25 feet bgs however, no temporary well was placed in this boring and no groundwater sample was collected.

***Soil Boring SB-16:***

Soil boring SB-16 was conducted on the eastern side of the subject property in an area historically utilized by Sheet Metal, Iron Works, and McKinley Perkins Petroleum, through asphalt to 12 feet bgs. One soil sample (SB-16) was collected at 2.0-2.5 feet bgs. Soil consisted of dark greenish-grey to black plastic clay that was moist to wet with very fine to fine-grained sand and trace gravel. Soil appeared to be discolored (grayish black) and had a diesel odor. No elevated PID readings were observed. Groundwater was encountered at approximately 2.65 feet bgs and one groundwater sample (SB-16) was collected.

***Soil Boring SB-17:***

Soil boring SB-17 was conducted on the northeastern side of the subject property to assess if potentially impacted groundwater is migrating onto the subject property. This boring was conducted through asphalt to 12 feet bgs. No soil samples were collected and the soils were not logged. Groundwater was encountered at approximately 2.55 feet bgs and one groundwater sample (SB-17) was collected.

***Soil Boring SB-18:***

Soil boring SB-18 was conducted on the southeastern side of the subject property to assess if potentially impacted groundwater is migrating onto the subject property. This boring was conducted through asphalt to 12 feet bgs. No soil samples were collected and the soils were not logged. Groundwater was encountered at approximately 2.33 feet bgs and one groundwater sample (SB-18) was collected.

***Soil Boring SB-19:***

Soil boring SB-19 was conducted on the southeastern side of the subject property. This boring was conducted through asphalt to 2 feet below ground surface (bgs). One soil sample (SB-19) was collected from this soil boring at approximately 1.0-1.5 feet bgs. Soil in this boring consisted of brown plastic clay that was moist to wet with very fine-to-fine grained sand and trace gravel. No elevated PID readings or odors were observed. Groundwater was not encountered in this soil boring.



***Soil Boring SB-20:***

Soil boring SB-20 was conducted on the in the Eastern-Central UST Basin to the northeast of MW-8 through asphalt to 12 feet bgs. Two soil samples (SB-20 [1.0-1.5] and SB-9 [11.5-12.0]) were collected from this soil boring. Soil in this boring consisted of very dark grey to dark greenish grey plastic clay that was moist to wet with very fine to fine-grained sand. No elevated PID readings were observed. Groundwater was encountered at approximately 1.2 feet bgs however, no temporary well was placed in this well and no groundwater sample was collected.

***Soil Boring SB-21:***

Soil boring SB-21 was conducted on the in the Eastern-Central UST Basin to the southeast of MW-8 through asphalt to 12 feet bgs. Two soil samples (SB-21 [1.0-1.5] and SB-21 [3.5-4.0]) were collected from this soil boring. Soil in this boring consisted of very dark brown plastic clay that was moist to wet with very fine to fine-grained sand. No elevated PID readings were observed. Groundwater was encountered at approximately 1.3 feet bgs however, no temporary well was placed in this well and no groundwater sample was collected.

***Soil Boring SB-22:***

Soil boring SB-22 was conducted on the in the Eastern-Central UST Basin to the southeast of MW-5 through asphalt to 12 feet bgs. Two soil samples (SB-22 [1.0-1.5] and SB-21 [7.5-8.0]) were collected from this soil boring. Soil in this boring consisted of very dark grey plastic clay that was moist to wet with very fine to fine-grained sand. No elevated PID readings were observed. Groundwater was encountered at approximately 1.3 feet bgs however, no temporary well was placed in this well and no groundwater sample was collected.

***Soil Boring SB-23:***

Soil boring SB-23 was conducted on the in the Eastern-Central UST Basin to the southeast of MW-6 through asphalt to 12 feet bgs. Two soil samples (SB-23 [1.0-1.5] and SB-23 [7.5-8.0]) were collected from this soil boring. Soil in this boring consisted of very dark grey plastic clay that was moist to wet with very fine to fine-grained sand. No elevated PID readings were observed. Groundwater was encountered at approximately 1.25 feet bgs however, no temporary well was placed in this well and no groundwater sample was collected.

***Soil Boring SB-24:***

Soil boring SB-24 was conducted on the eastern side of the subject property in an area historically utilized by Sheet Metal, Iron Works, and McKinley Perkins Petroleum, through asphalt to 12 feet bgs. Two soil samples (SB-24 [1.0-1.5] and SB-24 [11.5-12.0]) were collected from this soil boring. Soil in this boring consisted of dark greenish-grey to greenish black plastic clay that was moist to wet with very fine to fine-grained sand. No elevated PID readings were observed. Groundwater was encountered at approximately 1.35 feet bgs however, no temporary well was placed in this well and no groundwater sample was collected.

***Soil Boring SB-25:***

Soil boring SB-25 was conducted on the eastern side of the subject property in an area historically utilized by Sheet Metal, Iron Works, and McKinley Perkins Petroleum, through asphalt to 12 feet bgs. Two soil samples (SB-25 [1.0-1.5] and SB-25 [11.5-12.0]) were collected from this soil boring. Soil in this boring consisted of very dark grey to black plastic clay that was moist to wet with very fine to fine-grained sand. No elevated PID readings were observed. Groundwater was encountered at approximately 1.2 feet bgs however, no temporary well was placed in this well and no groundwater sample was collected.

***Soil Boring SB-26:***

Soil boring SB-26 was conducted on the eastern side of the subject property in an area historically utilized by Sheet Metal, Iron Works, and McKinley Perkins Petroleum, through asphalt to 12 feet bgs. Two soil samples (SB-26 [1.0-1.5] and SB-26 [11.5-12.0]) were collected from this soil boring. Soil in this boring consisted of dark greenish-grey to black plastic clay that was moist to wet with very fine to fine-grained sand. No elevated PID readings were observed. Groundwater was encountered at approximately 1.25 feet bgs however, no temporary well was placed in this well and no groundwater sample was collected.

***Soil Boring SB-27:***

Soil boring SB-27 was conducted on the eastern side of the subject property in an area historically utilized by Sheet Metal, Iron Works, and McKinley Perkins Petroleum, through asphalt to 12 feet bgs. Two soil samples (SB-27 [1.0-1.5] and SB-27 [11.5-12.0]) were collected from this soil boring. Soil in this boring consisted of dark greenish-grey to black plastic clay that was moist to wet with very fine to fine-grained sand. No elevated PID readings were observed. Groundwater was encountered at approximately 1.25 feet bgs however, no temporary well was placed in this well and no groundwater sample was collected.

**4.0 ANALYTICAL RESULTS**

Detectable concentrations of constituents were reported in the samples which were compared to available guidance and regulatory (risk based) screening levels including the Bay Area Regional Water Quality Control Board's Environmental Screening Levels (ESLs) (Interim Final May 2008), U.S. EPA Preliminary Remediation Goals (PRGs) (April 2009), and the California Human Health Screening Levels (CHHSLs) (January 2005) (Lead Revision September 2009), and City of Oakland Risk Based Screening Level (RBCL). Detected concentrations from each boring that exceeds the regulatory screening levels is presented below and summarized on Tables 1A, 1B, 1C, 1D, 2A, 2B, and 2C, attached.

***4.1 Soil Sampling Results***

**Soil Sample SB-1:**

Residential Criteria: The following constituents were reported at concentrations in the soil in SB-1 that exceeded the regulatory screening levels for residential "unrestricted" usage: Arsenic, Barium, Cadmium, Copper, Lead, Vanadium, Zinc, Benzo[a]anthracene, Benzo[a]pyrene, and Benzo[b]fluoranthene.

Commercial Criteria: The following constituents were reported at concentrations in the soil in SB-1 that exceeded the regulatory screening levels for commercial usage: Arsenic, Copper, Lead, and Zinc.

**Soil Sample SB-2:**

Residential Criteria: The following constituents were reported at concentrations in the soil in SB-2 that exceeded the regulatory screening levels for residential "unrestricted" usage: Arsenic, Vanadium, and TPHd.

Commercial Criteria: The following constituents were reported at concentrations in the soil in SB-2 that exceeded the regulatory screening levels for commercial usage: Arsenic and TPHd.

**Soil Sample SB-3:**

Residential Criteria: The following constituents were reported at concentrations in the soil in SB-3 that exceeded the regulatory screening levels for residential “unrestricted” usage: Arsenic and Vanadium.

Commercial Criteria: The following constituents were reported at concentrations in the soil in SB-3 that exceeded the regulatory screening levels for commercial usage: Arsenic.

**Soil Sample SB-4:**

Residential Criteria: The following constituents were reported at concentrations in the soil in SB-4 that exceeded the regulatory screening levels for residential “unrestricted” usage: Arsenic, Vanadium, Benzo[a]anthracene, Benzo[a]pyrene, and Benzo[b]fluoranthene.

Commercial Criteria: The following constituents were reported at concentrations in the soil in SB-4 that exceeded the regulatory screening levels for commercial usage: Arsenic and Benzo[a]pyrene.

**Soil Sample SB-5:**

Residential Criteria: The following constituents were reported at concentrations in the soil in SB-5 that exceeded the regulatory screening levels for residential “unrestricted” usage: Arsenic, Vanadium, Zinc, Benzo[a]anthracene, Benzo[a]pyrene, and Benzo[b]fluoranthene.

Commercial Criteria: The following constituents were reported at concentrations in the soil in SB-5 that exceeded the regulatory screening levels for commercial usage: Arsenic, Vanadium, TPHd, TPHmo, Benzo[a]pyrene, and Benzo[b]fluoranthene.

**Soil Sample SB-6:**

Residential Criteria: The following constituents were reported at concentrations in the soil in SB-6 that exceeded the regulatory screening levels for residential “unrestricted” usage: Arsenic, Vanadium, TPHd, TPHmo, and Benzo[a]pyrene.

Commercial Criteria: The following constituents were reported at concentrations in the soil in SB-6 that exceeded the regulatory screening levels for commercial usage: Arsenic, TPHd, and TPHmo.

**Soil Sample SB-7:**

Residential Criteria: The following constituents were reported at concentrations in the soil in SB-7 that exceeded the regulatory screening levels for residential “unrestricted” usage: Arsenic and Vanadium.

Commercial Criteria: The following constituents were reported at concentrations in the soil in SB-7 that exceeded the regulatory screening levels for commercial usage: Arsenic.

**Soil Sample SB-8:**

Residential Criteria: The following constituents were reported at concentrations in the soil in SB-8 that exceeded the regulatory screening levels for residential “unrestricted” usage: Arsenic, Vanadium, TPHd, TPHmo, Benzo[a]anthracene, Benzo[a]pyrene, Benzo[b]fluoranthene, Indo [1,2,3-cd]pyrene, and Dibenzo[a,h]anthracene.

Commercial Criteria: The following constituents were reported at concentrations in the soil in SB-8 that exceeded the regulatory screening levels for commercial usage: Arsenic, TPHd, TPHmo, Benzo[a]pyrene, and Dibenzo[a,h]anthracene.

**Soil Sample SB-9 (1.0-1.5):**

Residential Criteria: The following constituents were reported at concentrations in the soil in SB-8 that exceeded the regulatory screening levels for residential “unrestricted” usage: Lead.

Commercial Criteria: The following constituents were reported at concentrations in the soil in SB-8 that exceeded the regulatory screening levels for commercial usage: None.

**Soil Sample SB-9 (7.5-8.0):**

Residential Criteria: The following constituents were reported at concentrations in the soil in SB-8 that exceeded the regulatory screening levels for residential “unrestricted” usage: None.

Commercial Criteria: The following constituents were reported at concentrations in the soil in SB-8 that exceeded the regulatory screening levels for commercial usage: None.

**Soil Sample SB-10: No Soil Sample Collected**

**Soil Sample SB-11:**

Residential Criteria: The following constituents were reported at concentrations in the soil in SB-11 that exceeded the regulatory screening levels for residential “unrestricted” usage: Arsenic, Lead, Vanadium, TPHd, TPHmo, and TPHg.

Commercial Criteria: The following constituents were reported at concentrations in the soil in SB-11 that exceeded the regulatory screening levels for commercial usage: Arsenic, TPHd, TPHmo, TPHg, and Lead.

**Soil Sample SB-12:**

Residential Criteria: The following constituents were reported at concentrations in the soil in SB-12 that exceeded the regulatory screening levels for residential “unrestricted” usage: Arsenic, Lead, and Vanadium.

Commercial Criteria: The following constituents were reported at concentrations in the soil in SB-12 that exceeded the regulatory screening levels for commercial usage: Arsenic and Lead.

**Soil Sample SB-13:**

Residential Criteria: The following constituents were reported at concentrations in the soil in SB-13 that exceeded the regulatory screening levels for residential “unrestricted” usage: Arsenic, Lead, and Vanadium.

Commercial Criteria: The following constituents were reported at concentrations in the soil in SB-13 that exceeded the regulatory screening levels for commercial usage: Arsenic and Lead.

**Soil Sample SB-14:**

Residential Criteria: The following constituents were reported at concentrations in the soil in SB-14 that exceeded the regulatory screening levels for residential “unrestricted” usage: Arsenic and Vanadium.

Commercial Criteria: The following constituents were reported at concentrations in the soil in SB-14 that exceeded the regulatory screening levels for commercial usage: Arsenic.

**Soil Sample SB-15:**

Residential Criteria: The following constituents were reported at concentrations in the soil in SB-15 that exceeded the regulatory screening levels for residential “unrestricted” usage: Arsenic, Lead, TPHmo, Benzo[a]anthracene, Benzo[a]pyrene, Benzo[b]fluoranthene, Benzo[k]fluoranthene, Indo [1,2,3-cd]pyrene, and Dibenzo[a,h]anthracene.

Commercial Criteria: The following constituents were reported at concentrations in the soil in SB-15 that exceeded the regulatory screening levels for commercial usage: Arsenic, Lead, TPHmo, and Benzo[a]pyrene.

**Soil Sample SB-16:**

Residential Criteria: The following constituents were reported at concentrations in the soil in SB-16 that exceeded the regulatory screening levels for residential “unrestricted” usage: Arsenic, Lead, Vanadium, TPHd, TPHmo, Benzo[a]anthracene, Benzo[a]pyrene, Benzo[b]fluoranthene, Dibenzo[a,h]anthracene.

Commercial Criteria: The following constituents were reported at concentrations in the soil in SB-16 that exceeded the regulatory screening levels for commercial usage: Arsenic, Lead, TPHd, TPHmo, and Benzo[a]pyrene

**Soil Sample SB-17: No Soil Sample Collected**

**Soil Sample SB-18: No Soil Sample Collected**

**Soil Sample SB-19: Soil only analyzed for PCBs, No PCBs were detected.**

**Soil Sample SB-20 (1.0-1.5):**

Residential Criteria: The following constituents were reported at concentrations in the soil in SB-8 that exceeded the regulatory screening levels for residential “unrestricted” usage: None

Commercial Criteria: The following constituents were reported at concentrations in the soil in SB-8 that exceeded the regulatory screening levels for commercial usage: None

**Soil Sample SB-20 (1.0-1.5):**

Residential Criteria: The following constituents were reported at concentrations in the soil in SB-8 that exceeded the regulatory screening levels for residential “unrestricted” usage: None

Commercial Criteria: The following constituents were reported at concentrations in the soil in SB-8 that exceeded the regulatory screening levels for commercial usage: None

**Soil Sample SB-21 (1.0-1.5):**

Residential Criteria: The following constituents were reported at concentrations in the soil in SB-8 that exceeded the regulatory screening levels for residential “unrestricted” usage: Lead.

Commercial Criteria: The following constituents were reported at concentrations in the soil in SB-8 that exceeded the regulatory screening levels for commercial usage: Lead.

**Soil Sample SB-21 (3.5-4.0):**

Residential Criteria: The following constituents were reported at concentrations in the soil in SB-8 that exceeded the regulatory screening levels for residential “unrestricted” usage: Lead.

Commercial Criteria: The following constituents were reported at concentrations in the soil in SB-8 that exceeded the regulatory screening levels for commercial usage: Lead.

**Soil Sample SB-22 (1.0-1.5):**

Residential Criteria: The following constituents were reported at concentrations in the soil in SB-8 that exceeded the regulatory screening levels for residential “unrestricted” usage: TPHd, TPHmo, and Lead.

Commercial Criteria: The following constituents were reported at concentrations in the soil in SB-8 that exceeded the regulatory screening levels for commercial usage: TPHd, TPHmo, and Lead

**Soil Sample SB-22 (7.5-8.0):**

Residential Criteria: The following constituents were reported at concentrations in the soil in SB-8 that exceeded the regulatory screening levels for residential “unrestricted” usage: None.

Commercial Criteria: The following constituents were reported at concentrations in the soil in SB-8 that exceeded the regulatory screening levels for commercial usage: None.

**Soil Sample SB-23 (1.0-1.5):**

Residential Criteria: The following constituents were reported at concentrations in the soil in SB-8 that exceeded the regulatory screening levels for residential “unrestricted” usage: TPHmo.

Commercial Criteria: The following constituents were reported at concentrations in the soil in SB-8 that exceeded the regulatory screening levels for commercial usage: TPHmo.

**Soil Sample SB-23 (7.5-8.0):**

Residential Criteria: The following constituents were reported at concentrations in the soil in SB-8 that exceeded the regulatory screening levels for residential “unrestricted” usage: None.

Commercial Criteria: The following constituents were reported at concentrations in the soil in SB-8 that exceeded the regulatory screening levels for commercial usage: None.

**Soil Sample SB-24 (1.0-1.5):**

Residential Criteria: The following constituents were reported at concentrations in the soil in SB-8 that exceeded the regulatory screening levels for residential “unrestricted” usage: TPHmo, Lead, Benzo[a]anthracene, Benzo[a]pyrene, Benzo[b]fluoranthene, Indo [1,2,3-cd]pyrene , and Dibenzo[a,h]anthracene.

Commercial Criteria: The following constituents were reported at concentrations in the soil in SB-8 that exceeded the regulatory screening levels for commercial usage: TPHmo, Lead, and Benzo[a]pyrene.

**Soil Sample SB-24 (11.5-12.0):**

Residential Criteria: The following constituents were reported at concentrations in the soil in SB-8 that exceeded the regulatory screening levels for residential “unrestricted” usage: None.

Commercial Criteria: The following constituents were reported at concentrations in the soil in SB-8 that exceeded the regulatory screening levels for commercial usage: None.

**Soil Sample SB-25 (1.0-1.5):**

Residential Criteria: The following constituents were reported at concentrations in the soil in SB-8 that exceeded the regulatory screening levels for residential “unrestricted” usage: Lead and Benzo[a]pyrene.

Commercial Criteria: The following constituents were reported at concentrations in the soil in SB-8 that exceeded the regulatory screening levels for commercial usage: None.

**Soil Sample SB-25 (11.5-12.0):**

Residential Criteria: The following constituents were reported at concentrations in the soil in SB-8 that exceeded the regulatory screening levels for residential “unrestricted” usage: None.

Commercial Criteria: The following constituents were reported at concentrations in the soil in SB-8 that exceeded the regulatory screening levels for commercial usage: None.

**Soil Sample SB-26 (1.0-1.5):**

Residential Criteria: The following constituents were reported at concentrations in the soil in SB-8 that exceeded the regulatory screening levels for residential “unrestricted” usage: Lead.

Commercial Criteria: The following constituents were reported at concentrations in the soil in SB-8 that exceeded the regulatory screening levels for commercial usage: None.

**Soil Sample SB-27 (1.0-1.5):**

Residential Criteria: The following constituents were reported at concentrations in the soil in SB-8 that exceeded the regulatory screening levels for residential “unrestricted” usage: TPHmo, Lead, Benzo[a]pyrene, and Dibenzo[a,h]anthracene.

Commercial Criteria: The following constituents were reported at concentrations in the soil in SB-8 that exceeded the regulatory screening levels for commercial usage: TPHmo.

A Soil Analytical Summary Tables are attached as Table 1A, Table 1B, Table 1C, and Table 1D. The Laboratory Analytical Reports are attached as Appendix A.

**4.2 Groundwater Sampling Results**

Groundwater from the monitoring wells (MW-3 through MW-8) were analyzed for identified target constituents consisting of TPHg, TPHd, TPHmo, HVOCs, BTEX, 5 fuel oxygenates, and total oil and grease. Groundwater from the monitoring wells were not analyzed for CAM 17 metals. In general, the depth to water in the monitoring wells ranged from 1.02 to 4.0 ft bgs. With the except for a low concentration of DIPE reported in MW-5, no detectable concentrations of target constituents were reported in the groundwater monitoring wells.

**Groundwater Monitoring Well MW-3:**

No detectable concentrations of target constituents (TPHg, TPHd, TPHmo, HVOCs, BTEX, Five Fuel Oxygenates and Total Oil and Grease) were reported in MW-1.

**Groundwater Monitoring Well MW-4:**

No detectable concentrations of target constituents (TPHg, TPHd, TPHmo, HVOCs, BTEX, and Total Oil and Grease) were reported in MW-2.

**Groundwater Monitoring Well MW-5:**

Only DIPE (one of the five fuel oxygenates) was reported at 0.83 µg/L in MW-5. There is not a Risk Based Screening Level for DIPE.

**Groundwater Monitoring Well MW-6:**

No detectable concentrations of target constituents (TPHg, TPHd, TPHmo, HVOCs, BTEX, and Total Oil and Grease) were reported in MW-6.

**Groundwater Monitoring Well MW-7:**

No detectable concentrations of target constituents (TPHg, TPHd, TPHmo, HVOCs, BTEX, and Total Oil and Grease) were reported in MW-7.

**Groundwater Monitoring Well MW-8:**

No detectable concentrations of target constituents (TPHg, TPHd, TPHmo, HVOCs, BTEX, and Total Oil and Grease) were reported in MW-8.

**Groundwater Sample SB-1:**

The following constituents were reported at concentrations in the groundwater in SB-1 that exceeded the regulatory screening levels where groundwater is not a current or potential source of drinking water: Arsenic, TPHd, and TPHmo.

**Groundwater Sample SB-2:**

The following constituents were reported at concentrations in the groundwater in SB-1 that exceeded the regulatory screening levels where groundwater is not a current or potential source of drinking water: TPHd, TPHmo, Naphthalene, Phenanthrene, Anthracene, Benzo[a]anthracene, Chrysene, Benzo[a]pyrene, Benzo[b]fluoranthene, Benzo[k]fluoranthene, Benzo[g,h,i]perylene, Indo[1,2,3-cd]pyrene, Pyrene and Dibenzo[a,h]anthracene.

**Groundwater Sample SB-3:**

The following constituents were reported at concentrations in the groundwater in SB-1 that exceeded the regulatory screening levels where groundwater is not a current or potential source of drinking water: TPHd and TPHmo.

**Groundwater Sample SB-4:**

The following constituents were reported at concentrations in the groundwater in SB-1 that exceeded the regulatory screening levels where groundwater is not a current or potential source of drinking water: TPHd, TPHmo, Benzo[a]anthracene, Benzo[a]pyrene, Benzo[b]fluoranthene, Benzo[g,h,i]perylene, and Indo[1,2,3-cd]pyrene.

**Groundwater Sample SB-6:**

The following constituents were reported at concentrations in the groundwater in SB-1 that exceeded the regulatory screening levels where groundwater is not a current or potential source of drinking water: TPHd and TPHmo.

**Groundwater Sample SB-7:**

The following constituents were reported at concentrations in the groundwater in SB-1 that exceeded the regulatory screening levels where groundwater is not a current or potential source of drinking water: TPHd and TPHmo.

**Groundwater Sample SB-10:**



The following constituents were reported at concentrations in the groundwater in SB-1 that exceeded the regulatory screening levels where groundwater is not a current or potential source of drinking water: TPHd and TPHmo.

**Groundwater Sample SB-11:**

The following constituents were reported at concentrations in the groundwater in SB-1 that exceeded the regulatory screening levels where groundwater is not a current or potential source of drinking water: Nickel, TPHd, TPHmo, TPHg, and MTBE.

**Groundwater Sample SB-16:**

The following constituents were reported at concentrations in the groundwater in SB-1 that exceeded the regulatory screening levels where groundwater is not a current or potential source of drinking water: Arsenic, TPHd, TPHmo, MTBE, and Naphthalene.

**Groundwater Sample SB-17:**

The following constituents were reported at concentrations in the groundwater in SB-1 that exceeded the regulatory screening levels where groundwater is not a current or potential source of drinking water: Chromium, Cobalt, Copper, Lead, Nickel, Vanadium, Mercury, Zinc, TPHd, TPHmo, Tetrachloroethene, Benzo[a]pyrene, TPHd, TPHmo, Tetrachloroethene and Benzo[a]pyrene.

**Groundwater Sample SB-18:**

The following constituents were reported at concentrations in the groundwater in SB-1 that exceeded the regulatory screening levels where groundwater is not a current or potential source of drinking water: TPHd, TPHmo, and Naphthalene.

## **5.0 DISCUSSION AND RECOMMENDATIONS**

### **5.1 *Northwestern Corner UST Basin (SB-1, SB-2, SB-3)/REC #1-***

Representative soil and groundwater samples were collected to characterize subsurface conditions in the immediate vicinity of the Northwestern Corner UST Basin. SB-1 was collected on the western side of the UST Basin (down gradient location). SB-2 was collected on the eastern side of the UST basin (up gradient location). SB-3 was collected on the northern side of the UST basin. Soil in the vicinity of the Northwestern Corner UST Basin consisted of dark grey clays with fine sand. Groundwater was encountered in these borings at depths ranging from 1.6-3.6 feet bgs.

Soil in the vicinity of the Northwestern Corner UST Basin was impacted by metals (arsenic, barium, cadmium, copper, lead, vanadium, and zinc) and PNAs above Residential RBSLs and by metals and TPHd above Commercial RBSLs. However, ACC believes the levels of arsenic and vanadium are naturally occurring, a more detailed discussion on the naturally occurring metals is provided below in Section 6.0.

Groundwater in the vicinity of the Northwestern Corner UST Basin was impacted by metals (arsenic), TPH (as diesel and motor oil), Chloride, Total Oil and Grease, and PNAs above applicable groundwater screening levels where groundwater is not currently or potentially a source of drinking water. In addition, groundwater was impacted by naphthalene at levels exceeding the ESLs for both Residential and Commercial Groundwater Screening Levels for Evaluation of Potential Indoor Air Impacts.

As a result of the elevated levels of metals and gasoline constituents found in the Northwestern UST Basin above both Residential and Commercial Risk Based Screening Levels, ACC recommends that a confirmed unauthorized release be reported to Alameda County and the Regional Water Quality Control Board and that

these USTs be removed from the ground. In addition, ACC Recommends that a full contamination investigation be conducted to gain a “No Further Action” status pertaining to these USTs.

Estimated cost to remove the two closed in place USTs is: \$40,000-\$60,000. Estimated cost to conduct additional over-excavation and dewatering related to the impacted soil and groundwater is: \$25,000-\$30,000. Estimated costs to conduct the additional investigation to gain no Further Action are 50,000-75,000. Please note that these are estimated costs and until the full extent of the impact to both soil and groundwater is defined providing accurate costs to conduct cleanup are difficult to estimate.

## **5.2 Loading Dock Building HMIRS & CHMIRS Releases (SB-4, SB-5, SB-6, SB-7, & SB-8) REC# 6**

Representative soil and groundwater samples were collected to characterize soil and groundwater in the immediate vicinity of the Loading Dock Building to address any potential releases associated with the subject properties listing on the HMIRS and CHMIRS databases. Soil borings SB-4, SB-6 and SB-6 were located on the northern side of the loading dock building and soil borings SB-7 and SB-8 were located on the southern side of the loading dock building. Soil in the vicinity of the loading dock building consisted of dark grey clays with fine sand. Field observations indicated diesel odors and visible staining in all of these soil borings with the exception of SB-7. Groundwater was encountered in these borings at depths ranging from 2.2-7.5 feet bgs.

Soils in the vicinity of the loading dock buildings are impacted by metals (arsenic and vanadium), TPHd, TPHmo, and PNAs above the applicable Residential Risk Based Levels. Soils in the vicinity of the loading dock buildings are impacted by metals (arsenic and vanadium), TPHd, TPHmo, and PNAs above the applicable Residential Risk Based Levels. However, ACC believes that the levels of arsenic and vanadium are naturally occurring, a more detailed discussion on the naturally occurring metals is provided below in Section 6.0.

Groundwater in the vicinity of the loading dock area is impacted by TPHd, TPHmo, Total Oil and Grease, and PNAs above the applicable Residential Risk Based Levels.

Based on these findings ACC recommends that:

If the property is to remain utilized for commercial purposes ACC recommends that a land use restriction, (deed restriction, management plan or other), might be implemented in this area to prevent any potential exposure pathways to the impacted soil and groundwater in this area. A Deed Restriction and/or Land Use Restriction can include:

- Maintaining a current soil and groundwater management plan that informs any potential subsurface workers of pending hazards,
- Requiring surface covers,
- Maintaining an Operations and Maintenance (O&M) plan for required surface covers,
- Prohibiting day care centers and elder care centers,
- Prohibiting the excavation of contaminated soils without agency review and approval,
- Prohibiting the raising of food,
- Prohibiting the use of the property as a hospital,
- Performing a Health and Safety plan prior to all subsurface work,
- Notification to the proper government agencies prior to any new development,
- Notification to the proper government agencies after change of property owner,
- Notification to the proper government agencies prior to all subsurface work,
- Notification to the proper government agencies prior to change in land use,
- Prohibiting residence use with out remedial activities,

- Prohibiting public or private school use for persons under 21.

A land use restriction may be required to be recorded with Alameda County Recorders and Assessors'.

Estimated Costs to install appropriate surface covers and an operations and maintenance plan is \$150,000-\$200,000. Estimated Costs for a Soil and Groundwater Management Plan/Site Specific Health and Safety Plan is \$4,000-\$6,000. Agency correspondence and oversight costs estimated at \$6,000-\$10,000.

If implementing a Deed Restriction and/or Land Use Restrictions is not preferred and the property is to be redeveloped for Commercial and/or Residential Land Use, ACC Recommends entering the voluntary cleanup program through either the Department of Toxic Substance Control or the Regional Water Quality Control Board and prepare a Remedial Action Plan to remediate and/or remove impacted soil and groundwater. Estimated costs to evaluate, remediate and gain No Further Action related to the impacted soil and groundwater at the subject property is \$350,000-\$550,000.

### **5.3 Central-Eastern UST Basin LUST (REC #1)(MW-3, MW-4, MW-5, MW-6, MW-7, MW-8, SB-10, SB-11, SB-12, SB-13, and SB-14)**

Representative soil and groundwater samples were collected to characterize soil and groundwater in the immediate vicinity of the of the Central-Eastern UST Basin to confirm the recommendations of the Burns McDonnell Fourth Quarter 2009 Groundwater Monitoring Report. ACC collected groundwater samples from all six of the groundwater monitoring wells on the subject property and conducted five soil borings (four soil samples and two groundwater samples) in the immediate vicinity of the Central-Eastern UST Basin. Well Data Sheets for the groundwater monitoring wells are attached.

Soils in the vicinity of the Central-Eastern UST Basin were impacted by metals (arsenic, lead and vanadium) and SB-11 (adjacent to the oil water separator, discussed in more detail below in section 5.4) was found to be impacted by metals (arsenic, lead and vanadium), TPHg, TPHd, and TPHmo above Residential and Commercial (vanadium was not found above commercial levels) Risk Based Screening Levels. However, ACC believes the levels of arsenic and vanadium are naturally occurring, a more detailed discussion on the naturally occurring metals is provided below in Section 6.0.

Groundwater in the monitoring wells was not impacted above any applicable Risk Based Screening Levels. Groundwater in the grab groundwater samples from SB-10 and SB-11 was impacted by TPHd, TPHmo, Total Oil and Grease, MTBE, and Nickel above the applicable Risk-Based Screening Levels. These elevated constituents are more likely associated with the chemical storage/maintenance shed and the oil water separator discussed below in Section 5.4.

Based on these findings, ACC concurs with the Burns McDonnell Fourth Quarter Groundwater Monitoring Report that the release associated with the former USTs be granted "No Further Action" by Alameda County Environmental Health Services the Local Oversight Agency. ACC spoke with Mr. Paresh Khatri with Alameda County Environmental Health Services whom also concurs with the Burns McDonnell findings, but has not had a chance to conduct the site review to grant "No Further Action". ACC recommends that Burns McDonnell re-request regulatory closure. Estimated costs to fully close out (abandon the monitoring wells and closure reporting) the Regulatory Closure of this LUST is \$30,000-\$35,000. If closure is denied by Alameda County estimated costs for an additional year of quarterly monitoring is \$35,000 to \$40,000.

### **5.4 Oil Water Separator (REC #2) (SB-11)**

A representative soil and groundwater sample was collected to characterize soil and groundwater in the immediate vicinity of the oil water separator to address any potential releases. Soil boring SB-11 was

conducted immediately adjacent to the northern side of the oil water separator. Soil in the vicinity of the oil water separator consisted of dark grayish brown clays with fine sand. Field observations indicated gasoline odors and visible staining in this soil boring. Elevated PID reading ranged from 280-300 ppm. Groundwater was encountered in this boring at 2.5 feet bgs.

Soil in this boring was impacted with arsenic, lead, vanadium, TPHd, TPHmo and TPHg above Residential Risk Based Screening Levels. Soil in this boring was impacted with arsenic, lead, TPHd, TPHmo and TPHg above Commercial Risk Based Screening Levels.

Groundwater in the grab groundwater samples was impacted by TPHd, TPHmo, Total Oil and Grease, MTBE, and Nickel above the applicable Risk Based Screening Levels.

Based on these findings, ACC recommends that for both commercial and residential use of the site that the oil water separator be removed and additional soil over-excavation and possible dewatering of the excavation be conducted. Estimated costs to remove the oil water separator are \$14,000-\$16,000. Over-excavation and disposal of soils is estimated at \$6,500- \$8,000 and dewatering and water disposal costs are estimated at \$6,500- \$8,000.

#### **5.5 Maintenance Shop (REC #3) (SB-10)**

A representative groundwater sample was collected to characterize groundwater in the immediate vicinity of the maintenance shop to address any potential releases. No soil samples were collected, as pea gravel was encountered in the soil boring from. Soil boring SB-10 was conducted immediately adjacent to the southern side of the maintenance shop. Groundwater was encountered in this boring at 2.5 feet bgs.

Groundwater in the grab groundwater samples from SB-10 and SB-11 were impacted by TPHd, TPHmo, and Total Oil and Grease above the applicable Risk-Based Screening Levels.

Based on these findings ACC believes that actions to resolve the impact associated with the oil water separator will also address the impacted groundwater found in SB-10.

#### **5.6 Historical Use of the Subject Property: Roofing, Furniture Warehousing, Sheet Metal, Iron Works, McKinley Perkins, Historical USTs and California Motor Express (REC #4) (SB-15 and SB-16)**

Representative soil and groundwater samples (SB-14 and SB-15) were collected to characterize soil and groundwater eastern portion of the subject property to address the historical uses of that portion of the subject property (Sheet metal and McKinley Perkins). Soils in this vicinity consisted of dark brown to black clays with fine sand. Field observations indicated diesel odors and visible staining in this soil boring. Groundwater was encountered in this boring at 2.65 feet bgs.

Soils in the eastern portion of the subject property were impacted above Residential and Commercial Risk Based Screening Levels by metals (arsenic, lead and vanadium), TPHmo, and PNAs. However, ACC believes the levels of arsenic and vanadium are naturally occurring, a more detailed discussion on the naturally occurring metals is provided below in Section 6.0.

Groundwater in the grab groundwater sample was impacted by metals, Nickel, TPHd, TPHmo, TPHg, MTBE and Total Oil and Grease above the applicable Risk Based Screening Levels.

Based on these findings ACC recommends that the same actions address in Section 5.2 be conducted. The associated costs identified in Section 5.2 are applicable/inclusive for this area as well.

### **5.7 Potential Impacted Groundwater Migrating onto the Subject Property (REC #5) (SB-16, SB-17, and SB-18)**

Representative groundwater samples (SB-15, SB-16, and SB-17) were collected to characterize groundwater migrating onto the subject property. Soils were not logged. Groundwater was encountered in these borings at approximately 2.5 feet bgs.

Grab groundwater samples were reported impacted by metals, Metals (Nickel, chromium, cobalt, copper, lead, vanadium, mercury), TPHd, TPHmo, TPHg, MTBE, Naphthalene, Tetrachloroethene, Total Oil and Grease, and Benzo[a]pyrene above the applicable Risk Based Screening Levels.

Based on these findings, ACC recommends that the same actions addressed in Section 5.2 be conducted. The associated costs identified in Section 5.2 are applicable/inclusive for this area as well.

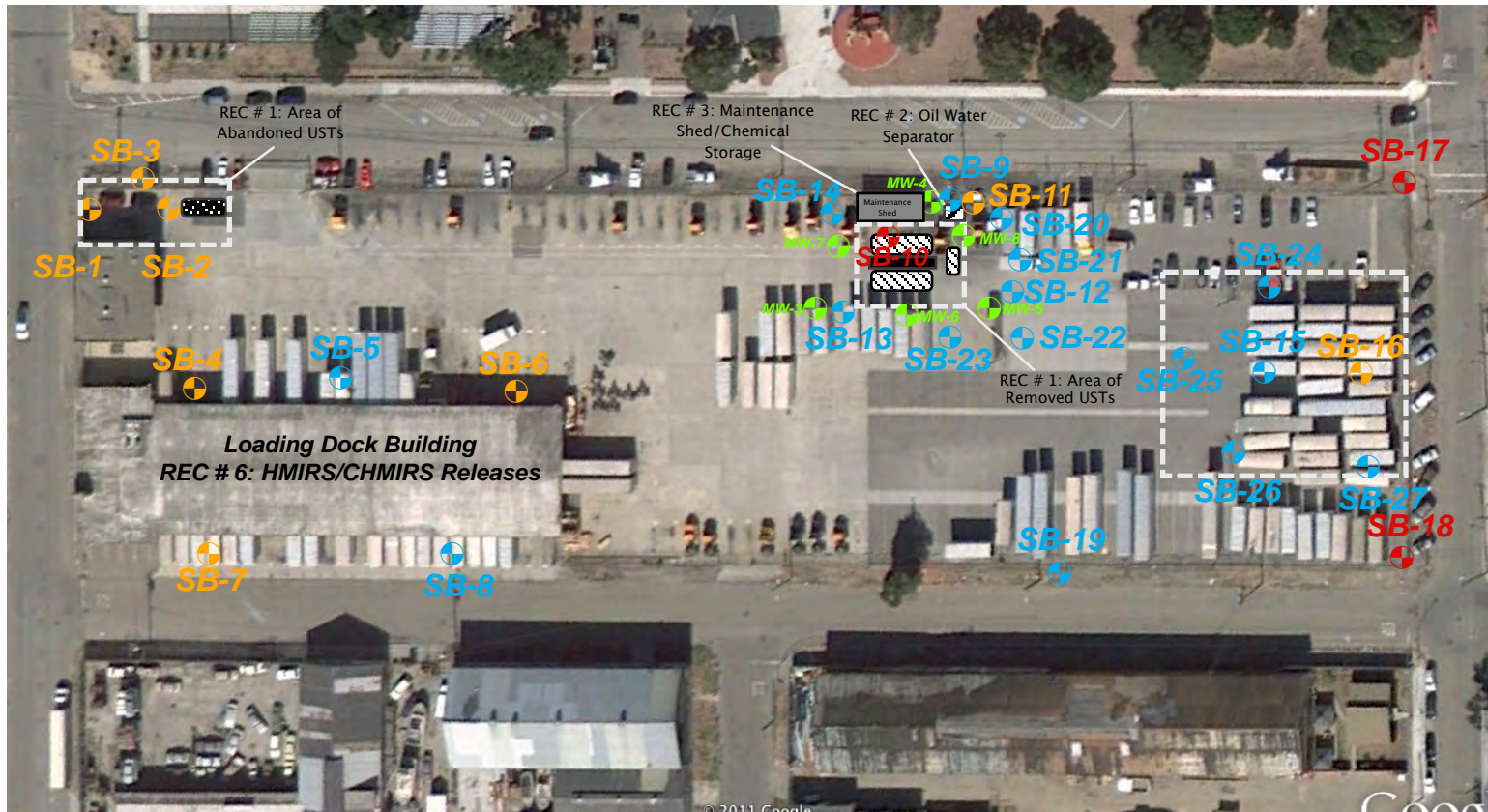
## **6.0 CONCLUSIONS**








Based on the two sampling events conducted at the subject property ACC Concludes the following:


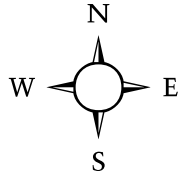
- Arsenic concentrations detected in the soil reported concentrations from 4.4 mg/kg to 11 mg/kg which exceed the both Residential and Commercial Risk Based Screening Levels. Many inorganic soil constituents exist at detectable “background” concentrations throughout the US that range from 1 to 97 ppm (mg/kg) nationally and conservatively estimated to be 0.59 to 11 ppm (mg/kg) in California. In the Bay Area, naturally occurring arsenic levels in soils, not impacted by any human activity, often exceed these levels (19 ppm (mg/kg) at some locations) but are still considered background levels (*Protocol for Determining Background Concentrations of Metals in Soil at Lawrence Berkeley Laboratory (LBNL) dated August 1995*). Therefore, the reported concentrations of arsenic in the onsite soil appear representative of natural background concentrations.
- Vanadium concentrations in the soil reported 25 mg/kg to 32 mg/kg, which exceed the Residential Risk Based Screening Levels. Many inorganic soil constituents exist at detectable concentrations throughout the San Francisco Bay Area. Vanadium ranges from <7 to 500 ppm (mg/kg) in soil nationally and conservatively estimated to be 100 to 300 ppm (mg/kg) in California. In the Bay Area, soils not impacted by any human activity often exceed this, with "background" levels near 200-500 ppm (mg/kg) at some locations (*Protocol for Determining Background Concentrations of Metals in Soil at Lawrence Berkeley Laboratory (LBL) dated August 1995*). Therefore, the reported concentrations of Vanadium in the onsite soil appear representative of natural background concentrations.
- As a result of the elevated levels of metals and gasoline constituents found in the Northwestern UST Basin above both Residential and Commercial Risk Based Screening Levels, ACC recommends that a confirmed unauthorized release be reported to Alameda County and the Regional Water Quality Control Board and that these USTs be removed from the ground. In addition, ACC Recommends that a full contamination investigation be conducted to gain a No Further Action pertaining to these USTs.
- Based on the wide spread nature of the soil and groundwater impacts found at the subject property ACC recommends that land use restriction, (deed restriction, management plan or other), might be implemented for the subject to prevent any potential exposure pathways to the impacted soil and groundwater in this area. ACC also recommends preparing a soil and groundwater management plan for the subject property to prevent potential exposure to impacted media at the

subject property.








- ACC recommends that Burns McDonnell re-request regulatory closure for the Central Eastern UST Basin Open Leaking Underground Storage Tank Case.
- ACC recommends that for both commercial and residential use of the site that the oil water separator is removed and additional soil over-excavation and possible dewatering of the excavation be conducted. Estimated costs to remove the oil water separator are \$14,000-\$16,000. Over-excavation and disposal of soils is estimated at \$6,500- \$8,000 and dewatering and water disposal costs are estimated at \$6,500- \$8,000.



-  **Approximate Location of Oil Water Separator**
-  **Approximate Location of Removed USTs Based on Burns McDonnell 2008 Additional Site Assessment**
-  **Approximate Location of Abandoned UST Based on Geophysical Anomalies-Burns McDonnell 2008 Additional Site Assessment Report**
-  **Soil and Groundwater Sample Collected**
-  **Groundwater Sample Collected**
-  **Soil Sample Collected**
-  **Monitoring Well Locations**

Title <b>Sample Location Map</b> <b>1708 Wood Street</b> <b>Oakland, California</b>	
Figure Number: 1	Drawn By: JS
Project Number: 6470-034.01	Date: 2/6/11
 <p><b>An Employee Owned Company</b></p>	



-  **Approximate Location of Oil Water Separator**
-  **Approximate Location of Removed USTs Based on Burns McDonnell 2008 Additional Site Assessment**
-  **Approximate Location of Abandoned UST Based on Geophysical Anomalies-Burns McDonnell 2008 Additional Site Assessment Report**
-  **Soil Samples that Exceed Residential RBSLs**
-  **Soil Samples that Exceed Commercial RBSLs**
-  **Soil Samples that do not Exceed RBSLs**
-  **Groundwater Monitoring Well Locations**


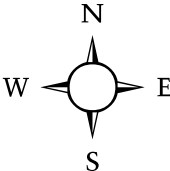
Title <b>Commercial and Residential Soil Sample Location Map</b> <b>1708 Wood Street</b> <b>Oakland, California</b>	
Figure Number: 2	Drawn By: JS
Project Number: 6470-034.01	Date: 2/6/11
 <b>An Employee Owned Company</b>	



TABLE 1A  
Soil Analytical Summary Table Title 22 Metals (CAM 17)  
1708 Wood Street  
Oakland, California

Boring ID & Depth (feet bgs)	Sampling Date	Matrix	Constituents & Concentrations mg/kg													
			Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Molybdenum	Nickel	Silver	Vanadium	Mercury	Zinc
SB-1 (2.5-3.0)	15-Feb-11	Soil (mg/kg)	11	1,000	<0.38	3.3	49	10	270	780	<1.9	60	1	25	0.67	1,200
SB-2 (2.5-3.0)	15-Feb-11	Soil (mg/kg)	4.8	77	<0.38	<0.48	39	5.5	23	44	<1.9	31	<0.95	32	0.097	120
SB-3 (2.0-2.5)	15-Feb-11	Soil (mg/kg)	4.4	21	<0.42	<0.53	40	5	16	18	<2.1	31	<1.1	29	0.037	48
SB-4 (2.0-2.5)	15-Feb-11	Soil (mg/kg)	8.6	13	<0.42	<0.52	42	3.7	21	3.2	3.4	24	<1.0	33	0.120	100
SB-5 (2.0-2.5)	15-Feb-11	Soil (mg/kg)	5.0	34	<0.41	<0.52	48	5.1	26	8.5	<2.1	33	<1.0	35	0.150	130
SB-6 (2.0-2.5)	15-Feb-11	Soil (mg/kg)	<3.8	85	<0.38	<0.48	49	4.4	18	19	<1.9	34	<0.95	34	0.043	47
SB-7 (2.5-3.0)	16-Feb-11	Soil (mg/kg)	4.5	120	<0.40	<0.50	81	10	23	15	<2.0	100	<1.0	31	0.062	60
SB-8 (1.5-2.0)	17-Feb-11	Soil (mg/kg)	<3.9	160	<0.39	<0.49	59	7.7	14	9.9	<2.0	59	<0.98	20	1.1	36
SB-10	16-Feb-11	Soil (mg/kg)	No Soil Sample Collected													
SB-11 (2.0-2.5)	16-Feb-11	Soil (mg/kg)	7.8	76	<0.42	1.1	39	7.7	36.0	420	<2.1	44	<1.0	17	0.270	210
SB-12 (2.0-2.5)	16-Feb-11	Soil (mg/kg)	5.9	270	<0.38	1.1	43	9	27	1,300	<1.9	37	<0.95	28	0.100	290
SB-13 (1.5-2.0)	16-Feb-11	Soil (mg/kg)	4.3	110	<0.42	<0.53	45	5.8	22	110	<2.1	32	<1.1	34	0.043	100
SB-14 (14.5-16)	16-Feb-11	Soil (mg/kg)	<4.2	87	<0.42	<0.53	26	4	<6.3	4.4	<2.1	18	<1.1	16	0.033	12
SB-15 (2.0-2.5)	16-Feb-11	Soil (mg/kg)	<2.0	110	<0.39	<0.49	46	7.5	28	250	<2.0	34	<0.98	28	0.38	100
SB-16 (2.0-2.5)	17-Feb-11	Soil (mg/kg)	4.2	130	<0.40	<0.50	35	6	41	340	<2.0	29	<0.99	26	0.18	250
SB-17	17-Feb-11	Soil (mg/kg)	No Soil Sample Collected													
SB-18	17-Feb-11	Soil (mg/kg)	No Soil Sample Collected													
SB-19	17-Feb-11	Soil (mg/kg)	Not Analyzed													
**ESLs - Residential (unrestricted site usage)	Shallow Soil (≤3 m)	Soil (mg/kg)	0.39	750	4	1.7	NA	40	230	200	40	150	20	16	1.3	600
	Deep Soil (>3 m)	Soil (mg/kg)	15	2,500	8	39	2,500	94	2,500	750	2,500	260	2,500	770	58.0	2,500
**ESLs - Commercial site usage	Shallow Soil (≤3 m)	Soil (mg/kg)	1.6	1,300	98	7.4	NA	80	230	750	40	150	40	200	10	600
	Deep Soil (>3 m)	Soil (mg/kg)	15	2,600	98	39	5,000	94	5,000	750	3,900	260	3,900	770	58	5,000
PRG's	Residential	Soil (mg/kg)	0.39	15,000	160	70	230	23	3,100	400	390	1,500	390	390	4	23,000
	Commercial	Soil (mg/kg)	1.6	190,000	2,000	800	1,400	300	41,000	800	5,100	20,000	5,100	5,200	24	310,000
California Human Health Screening Levels (CHHSLs)	Residential	Soil (mg/kg)	0.07	5,200	150	1.7	100,000	660	3,000	80	380	1,600	380	530	18	23,000
	Commercial	Soil (mg/kg)	0.24	63,000	1,700	7.5	100,000	3,200	38,000	320	4,800	16,000	4,800	6,700	180	100,000
*San Francisco Bay Area Background Levels		Soil (mg/kg)	16-65	500	<1	N/A	100-150	15-30	50-70	30-70	<3	30-70	N/A	150-200	120-190	0.082-0.13

Notes

\*\*ESLs = Bay Area Regional Water Quality Control Board Environmental Screening Levels (Interim Final May 2008), where groundwater is NOT a source of Drinking Water

PRGs=EPA Region 9 Preliminary Remediation Goal (April 2009)

CHHSLs = California Human Health Screening Levels for Soil, Cal EPA (January 2005) (Lead Revision September 2009)

Shaded Values Exceed Their Respective Criteria (Pink Residential/Blue Commercial)

TABLE 1B  
Soil Analytical Summary Table  
Petroleum Constituents PCBs  
1708 Wood Street  
Oakland, California

Boring ID & Depth (feet bgs)	Sampling Date	Matrix	Constituents & Concentrations mg/kg												
			TPH <sub>g</sub>	TPH <sub>d</sub>	TPH <sub>no</sub>	Benzene	Toluene	Ethylbenzene	Total Xylenes	MIBE	Acetone	cis-1,2-Dichloroethene	Chloride	Total Oil and Grease	PCBs
SB-1 (2.5-3.0)	15-Feb-11	Soil (mg/kg)	<0.26	9.7	<49	<0.0052	<0.0052	<0.0052	<0.01	<0.0052	NA	NA	56	510	NA
SB-2 (2.5-3.0)	15-Feb-11	Soil (mg/kg)	<0.28	130	49	<0.0056	<0.0056	<0.0056	<0.011	<0.0056	NA	NA	15	540	NA
SB-3 (2.0-2.5)	15-Feb-11	Soil (mg/kg)	<0.28	21	61	<0.0057	<0.0057	<0.0057	<0.011	<0.0057	NA	NA	94	1,000	NA
SB-4 (2.0-2.5)	15-Feb-11	Soil (mg/kg)	NA	37	84	<0.0069	<0.0069	<0.0069	<0.014	<0.0069	<0.0069	<0.0069	NA	NA	NA
SB-5 (2.0-2.5)	15-Feb-11	Soil (mg/kg)	NA	220	420	<0.0067	<0.0067	<0.0067	<0.013	<0.0067	<0.0067	<0.0067	NA	NA	NA
SB-6 (2.0-2.5)	15-Feb-11	Soil (mg/kg)	NA	2,700	9,200	<0.0050	<0.0050	<0.0050	<0.01	<0.0050	<0.0050	<0.0050	NA	NA	NA
SB-7 (2.5-3.0)	16-Feb-11	Soil (mg/kg)	NA	1.7	<50	<0.01	<0.01	<0.01	<0.02	<0.01	<0.050	<0.005	NA	NA	NA
SB-8 (1.5-2.0)	17-Feb-11	Soil (mg/kg)	<0.26	2,400	6,800	<0.0052	<0.0052	<0.0052	<0.01	<0.0052	<0.052	0.03	NA	NA	NA
SB-10	16-Feb-11	Soil (mg/kg)	No Soil Sample Collected												
SB-11 (2.0-2.5)	16-Feb-11	Soil (mg/kg)	310	8,700	3,400	<0.013	<0.013	<0.013	<0.027	<0.013	NA	<0.013	NA	20,000	NA
SB-12 (2.0-2.5)	16-Feb-11	Soil (mg/kg)	<0.34	19	54	<0.0068	<0.0068	<0.0068	<0.014	<0.0068	NA	<0.0068	NA	940	NA
SB-13 (1.5-2.0)	16-Feb-11	Soil (mg/kg)	<0.27	2.3	<50	<0.0055	<0.0055	<0.0055	<0.011	<0.0055	NA	<0.0055	NA	<490	NA
SB-14 (14.5-16)	16-Feb-11	Soil (mg/kg)	<0.22	1.9	<50	<0.0045	<0.0045	<0.0045	<0.0089	<0.0045	NA	<0.0045	NA	<490	NA
SB-15 (2.0-2.5)	16-Feb-11	Soil (mg/kg)	<0.27	45	240	<0.0053	<0.0053	<0.0053	<0.011	<0.0053	<0.053	<0.0053	NA	NA	NA
SB-16 (2.0-2.5)	17-Feb-11	Soil (mg/kg)	<0.38	290	2,200	<0.0077	<0.0077	<0.0077	<0.015	<0.0077	0.29	<0.0077	NA	NA	NA
SB-17	17-Feb-11	Soil (mg/kg)	No Soil Sample Collected												
SB-18	17-Feb-11	Soil (mg/kg)	No Soil Sample Collected												
SB-19	17-Feb-11	Soil (mg/kg)	Not Analyzed												
**ESLs - Residential (unrestricted site usage)	Shallow Soil (<3 m)	Soil (mg/kg)	83	83	83	0.044	2.9	2.3	2.3	0.023	0.5	0.19	NA	NA	0.22
	Deep Soil (>3 m)	Soil (mg/kg)	83	83	83	0.044	2.9	3.3	2.3	0.023	0.5	0.2	NA	NA	6.3
**ESLs - Commercial site usage	Shallow Soil (<3 m)	Soil (mg/kg)	83	83	83	0.044	2.9	3.3	2.3	0.023	0.5	0.19	NA	NA	0.74
	Deep Soil (>3 m)	Soil (mg/kg)	83	83	83	0.044	2.9	3.3	2.3	0.023	0.5	0.19	NA	NA	6.3
PRG's	Residential	Soil (mg/kg)	NA	NA	NA	1.10	5,000	5.7	600	39	61,000	780	NA	NA	NA
	Commercial	Soil (mg/kg)	NA	NA	NA	5.6	46,000	29	2,600	190	610,000	10,000	NA	NA	NA
California Human Health Screening Levels (CHHSLs)	Residential	Soil (mg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Commercial	Soil (mg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes

\*\*ESLs = Bay Area Regional Water Quality Control Board Environmental Screening Levels (Interim Final May 2008), where groundwater is NOT a source of Drinking Water

PRG's = EPA Region 9 Preliminary Remediation Goal (April 2009)

CHHSLs = California Human Health Screening Levels for Soil, Cal EPA (January 2005) (Lead Revision September 2009)

**Shaded Values Exceed Their Respective Criteria (Pink Residential/Blue Commercial)**

TABLE 1C  
Soil Analytical Summary Table  
PNAs  
1708 Wood Street  
Oakland, California

Boring ID & Depth (feet bgs)	Sampling Date	Matrix	Constituents & Concentrations mg/kg															
			Naphthalene	Acenaphthene	Acenaphthylene	Fluorene	Phenanthrene	Anthracene	Benzo[a]anthracene	Chrysene	Benzo[b]pyrene	Benzo[k]fluoranthene	Benzo[e]pyrene	Indeno[1,2,3-cd]pyrene	Fluoranthene	Pyrene	Dibenz[a,h]anthracene	
SB-1 (2.5-3.0)	15-Feb-11	Soil (mg/kg)	0.017	<0.0099	0.066	0.02	0.26	0.094	0.3	0.28	0.27	0.27	0.11	0.12	0.099	0.36	0.56	0.037
SB-2 (2.5-3.0)	15-Feb-11	Soil (mg/kg)	<0.00017	<0.00017	0.0053	<0.00017	0.011	0.006	0.0073	0.0063	0.0092	0.0085	<0.00017	0.007	<0.00017	0.012	0.016	<0.00017
SB-3 (2.0-2.5)	15-Feb-11	Soil (mg/kg)	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098
SB-4 (2.0-2.5)	15-Feb-11	Soil (mg/kg)	0.029	0.058	0.022	0.081	0.67	0.2	0.23	0.2	0.18	0.21	0.084	0.069	0.068	0.53	0.57	0.017
SB-5 (2.0-2.5)	15-Feb-11	Soil (mg/kg)	<0.0005	<0.0005	0.0057	<0.0005	0.052	0.013	0.082	0.1	0.16	0.18	0.054	0.14	0.09	0.15	0.25	0.017
SB-6 (2.0-2.5)	15-Feb-11	Soil (mg/kg)	<0.0005	<0.0005	<0.0005	<0.0005	0.12	<0.0005	0.055	0.083	0.058	0.1	<0.0005	<0.0005	<0.0005	0.065	0.099	<0.0005
SB-7 (2.5-3.0)	16-Feb-11	Soil (mg/kg)	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011
SB-8 (1.5-2.0)	17-Feb-11	Soil (mg/kg)	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	0.45	0.76	0.35	0.45	<0.25	<0.25	<0.25	0.41	0.68	<0.25
SB-10	16-Feb-11	Soil (mg/kg)	No Soil Sample Collected															
SB-11 (2.0-2.5)	16-Feb-11	Soil (mg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-12 (2.0-2.5)	16-Feb-11	Soil (mg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-13 (1.5-2.0)	16-Feb-11	Soil (mg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-14 (14.5-16)	16-Feb-11	Soil (mg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-15 (2.0-2.5)	16-Feb-11	Soil (mg/kg)	<0.50	<0.50	0.17	0.078	0.9	0.15	0.75	0.85	1.0	1.1	0.49	0.48	0.4	1.4	2.0	0.1
SB-16 (2.0-2.5)	17-Feb-11	Soil (mg/kg)	<0.50	<0.50	0.052	0.22	<0.50	<0.50	0.22	0.28	0.34	0.45	0.17	0.13	0.098	0.39	0.62	<0.50
SB-17	17-Feb-11	Soil (mg/kg)	No Soil Sample Collected															
SB-18	17-Feb-11	Soil (mg/kg)	No Soil Sample Collected															
SB-19	17-Feb-11	Soil (mg/kg)	Not Analyzed															
**ESLs - Residential (unrestricted site usage)	Shallow Soil (<= 3 m)	Soil (mg/kg)	1.3	19	13	8.9	11	2.8	0.380	23	0.038	0.38	0.38	27	0.62	40	85	0.06
	Deep Soil (>3 m)	Soil (mg/kg)	4.8	19	13	8.9	11	2.8	12	23	1.5	1.5	1.5	27	13	60	85	2.4
**ESLs - Commercial site usage	Shallow Soil (<= 3 m)	Soil (mg/kg)	2.8	19	13	8.9	11	2.8	1.3	23	0.130	1.3	1.3	27	2.1	40	85	0.21
	Deep Soil (>3 m)	Soil (mg/kg)	5	19	13	8.9	11	2.8	12	23	1.5	1.5	1.5	27	13	60	85	2.4
PRG's	Residential	Soil (mg/kg)	3.9	3,450	NA	2,300	NA	17,000	0.150	15	0.02	0.15	1.50	NA	0.15	2,300	1,700	0.02
	Commercial	Soil (mg/kg)	20	33,000	NA	22,000	NA	170,000	2.1	210	0.21	2.1	21	NA	2.1	22,000	17,000	21

Notes

\*\*ESLs = Bay Area Regional Water Quality Control Board Environmental Screening Levels (Interim Final May 2008), where groundwater is NOT a source of Drinking Water

PRG's-EPA Region 9 Preliminary Remediation Goal (April 2009)

Shaded Values Exceed Their Respective Criteria (Pink Residential/Blue Commercial)



TABLE 2A  
Groundwater Analytical Summary Table- Title 22 Metals (CAM 17)  
1708 Wood Street  
Oakland, California

Monitoring Well ID & Screened Interval And/or Boring ID & Depth (feet bgs)	Sampling Date	Matrix	Constituents & Concentrations (ug/L)												
			Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Molybdenum	Nickel	Vanadium	Mercury	Zinc
SB-1	15-Feb-11	Water	130	130	<2.0	<2.5	<10	<2.0	<20	<5.0	<10	<10	<10	<0.2	56
SB-2	15-Feb-11	Water	<10	65	<2.0	<2.5	<10	2.4	<20	<5.0	11	<10	<10	<0.2	25
SB-3	15-Feb-11	Water	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-4	15-Feb-11	Water	<10	77	<2.0	<2.5	<10	<2.0	<20	<5.0	<10	<10	<10	<0.2	<20
SB-6	16-Feb-11	Water	<10	110	<2.0	<2.5	<10	<2.0	<20	<5.0	11	<10	<10	<0.2	31
SB-7	17-Feb-11	Water	<10	53	<2.0	<2.5	<10	<2.0	<20	<5.0	<10	<10	10	<0.2	<20
SB-10	16-Feb-11	Water	<10	460	2.9	<2.5	<10	4.0	<20	<5.0	14	11	<10	<0.2	22
SB-11	16-Feb-11	Water	<10	240	<2.0	<2.5	<10	<2.0	<20	<5.0	<10	68	<10	<0.2	26
SB-16	17-Feb-11	Water	11	110	<2.0	<2.5	<10	<2.0	<20	<5.0	<10	<10	<10	<0.2	27
SB-17	17-Feb-11	Water	<10	240	<2.0	<2.5	88	18	70	100	<10	59	76	0.29	240
SB-18	17-Feb-11	Water	<10	36	<2.0	<2.5	<10	<2.0	<20	<5.0	<10	<10	<10	<0.2	<20
**ESLs - Final Groundwater Screening Levels	Groundwater is not a Current or Potential Source of Drinking Water	Water	36	1,300	0.53	0.25	11	3	3	2.50	240	8.20	19	0.03	81
PRG's	MCLs	Water	10	2,000	4	5	100		1,300	15	NA	NA	NA	2	NA
Oakland RBCA	MCLs	Water	50	1,000,000	4	10	NA	NA	1,300	NA	NA	100	NA	2	NA

Notes

\*\*ESLs = Bay Area Regional Water Quality Control Board Environmental Screening Levels (Interim Final May 2008)

PRGs=EPA Region 9 Preliminary Remediation Goal November 1991

MCLs= Maximum Contaminant Levels

RBCA=Risk Based Corrective Action Levels

Shaded Values Exceed Their Respective Criteria (Pink Residential/Blue Commercial)

NA=Not Applicable

TABLE 2B  
Groundwater Analytical Summary Table- Petroleum Constituents PCBs  
1708 Wood Street  
Oakland, California

Monitoring Well ID & Screened Interval And/or Boring ID & Depth (feet bgs)	Sampling Date	Matrix	Constituents & Concentrations (ug/L)												
			Diesel Range Organics		Volatile Organic Compounds VOCs								General Chemisrty		PCBs
			TPH as Diesel (TPHg)	TPH as Motor Oil (TPHmo)	TPH as Gasoline (TPHg)	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	DIPE	Tetrachloroethene	Chloride	Oil & Grease	PCBs
MW-3	14-Feb-11	Water	<51	<100	<50	<0.05	<0.05	<0.05	<1.0	NA	<0.50	<0.05	NA	<5,200	NA
MW-4	14-Feb-11	Water	<51	<100	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	NA	<5,300	NA
MW-5	14-Feb-11	Water	<51	<100	<50	<0.50	<0.50	<0.50	<1.0	<0.50	0.83	<0.50	NA	<5,200	NA
MW-6	14-Feb-11	Water	<51	130	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	NA	<5,100	NA
MW-7	14-Feb-11	Water	<51	<100	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	NA	<5,200	NA
MW-8	14-Feb-11	Water	<52	<100	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	NA	<5,500	NA
SB-1	15-Feb-11	Water	700	760	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	380,000	<7.4	<0.56
SB-2	15-Feb-11	Water	3,400	2,600	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	35,000	6,500	<0.68
SB-3	16-Feb-11	Water	690	2,400	NA	NA	NA	NA	NA	NA	NA	NA	NA	<28,000	NA
SB-4	15-Feb-11	Water	650	550	NA	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.05	NA	NA	NA
SB-6	16-Feb-11	Water	940	690	<50	<0.50	<0.50	<0.50	<1.0	<50	<0.50	<0.50	NA	NA	NA
SB-7	17-Feb-11	Water	490	510	<50	<0.50	<0.50	<0.50	<1.0	<50	<0.50	<0.50	NA	NA	NA
SB-10	16-Feb-11	Water	2,300	1,400	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	NA	7,000	NA
SB-11	16-Feb-11	Water	19,000	6,900	240	<0.50	<0.50	<0.50	<1.0	0.56	0.56	<0.05	NA	48,000	NA
SB-16	17-Feb-11	Water	1,100	1,600	<50	<0.50	<0.50	<0.50	<1.0	2.8	<0.50	<0.50	NA	NA	NA
SB-17	17-Feb-11	Water	230	330	<50	<0.50	<0.50	<0.50	<1.0	<50	<0.50	1.9	NA	NA	NA
SB-18	17-Feb-11	Water	3,100	2,200	<50	<0.50	<0.50	<0.50	<1.0	<50	<0.50	<0.50	NA	NA	NA
**ESLs - Final Groundwater Screening Levels	Groundwater is not a Current or Potential Source of Drinking Water	Water	210	210	210	46	130	43	100	1,800	NA	120	NA	NA	140
ESLs- Groundwater Screening Levels for Evaluation of Potential Indoor Air Impacts	Residential Land Use	Water	14,000	14,000	14,000	540	380,000	170,000	160,000	24,000	NA	120	NA	NA	NA
	Commercial/Industrial Land Use	Water	29,000	29,000	29,000	1,800	530,000	170,000	160,000	80,000	NA	420	NA	NA	NA
Oakland RBCA	MCLs	Water	NA	NA	NA	0.001	0.15	0.700	1.750	0.013	NA	0.005	NA	NA	NA
PRG's	MCLs	Water	NA	NA	NA	5	1,000	700	10,000	NA	NA	5.0	NA	NA	NA

Notes

\*\*ESLs = Bay Area Regional Water Quality Control Board Environmental Screening Levels (Interim Final May 2008)

PRGs=EPA Region 9 Preliminary Remediation Goal November 2009)

MCLs= Maximum Contaminant Levels

RBCA=Risk Based Corrective Action Levels


Shaded Values Exceed Their Respective Criteria (Pink Residential/Blue Commerical)

NA=Not Applicable

TABLE 2C  
Groundwater Analytical Summary Table- PNAs  
1708 Wood Street  
Oakland, California  
478-221-88

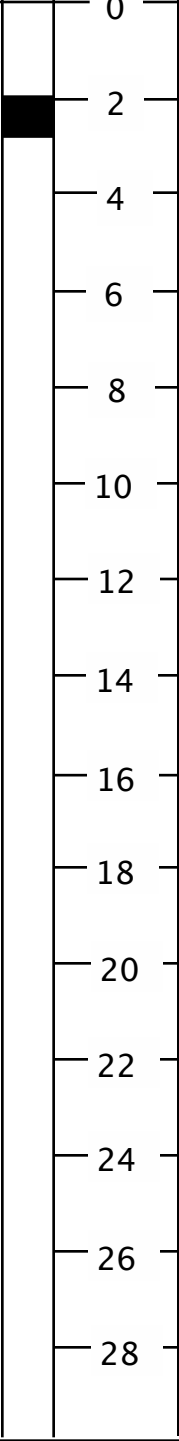
Monitoring Well ID & Screened Interval And/or Boring ID & Depth (feet bgs)	Sampling Date	Matrix	Constituents & Concentrations (ug/L)															
			Polynuclear Aromatic Hydrocarbons															
			Naphthalene	Acenaphthene	Acenaphthylene	Fluorene	Phenanthrene	Anthracene	Benzo[a]anthracene	Chrysene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[k]fluoranthene	Benzo[g,h,i]perylene	Indeno[1,2,3-cd]pyrene	Fluoranthene	Pyrene	Dibenzo[a,h]anthracene
SB-1	15-Feb-11	Water	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4
SB-2	15-Feb-11	Water	1.0	0.92	1.0	3.0	7.7	1.8	2.2	2.5	2.5	1.6	1.8	1.5	1.3	5.5	6.3	0.29
SB-3	16-Feb-11	Water	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
SB-4	16-Feb-11	Water	<2.4	<2.4	<2.4	<2.4	0.25	<2.4	0.20	0.21	0.22	0.26	0.14	0.17	0.10	0.32	0.44	<2.4
SB-6	16-Feb-11	Water	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
SB-7		Water	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11
SB-10	16-Feb-11	Water	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-11	16-Feb-11	Water	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-16	17-Feb-11	Water	0.17	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11
SB-17	17-Feb-11	Water	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	0.2	<0.14	0.14	0.17	<0.14
SB-18	17-Feb-11	Water	0.24	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16
**ESLs - Residential (unrestricted site usage)	Groundwater is not a Current or Potential Source of Drinking Water	Water	24	23	30	4	5	0.730	0.027	0.350	0.014	0.029	0.40	0.10	0.05	8	2	0.25
ESLs- Groundwater Screening Levels for Evaluation of Potential Indoor Air Impacts	Residential Land Use	Water	0.072	44	22	29	22	220	NA	NA	NA	NA	NA	NA	NA	NA	22	NA
	Commercial/Industrial Land Use	Water	0.120	61	31	41	31	310	NA	NA	NA	NA	NA	NA	NA	NA	31	NA
Oakland RBCA	MCLs	Water	0.0002	NA	NA	NA	NA	NA	NA	NA	0.0002	NA	NA	NA	NA	NA	NA	NA
PRG's	MCLs	Water	NA	NA	NA	NA	NA	NA	NA	NA	0.20	NA	NA	NA	NA	NA	NA	NA



Notes  
 \*\*ESLs = Bay Area Regional Water Quality Control Board Environmental Screening Levels (Interim Final May 2008)  
 PRGs=EPA Region 9 Preliminary Remediation Goal November 2009)  
 MCLs= Maximum Contaminate Levels  
 RBCA=Risk Based Corrective Action Levels  
 Shaded Values Exceed Their Respective Criteria (Pink Residential/Blue Commercial)

Additional Observations	PID (ppm)	SAMPLE ID	SAMPLE INTERVAL	depth below ground surface (ft)	<b>EQUIPMENT: Geoprobe Hydraulic Sampling Device</b> <b>OPERATED BY: EnProb</b> <b>LOGGED BY: Julia Siudyla &amp; Gwen Santos</b> <b>LOCATION: 1708 Wood Street, Oakland</b> <b>WORK DATE: 2/15/2011</b> <b>BORING: SB-1</b>
CL 10YR 2/1 Black	0	SB-1 (2.5-3.0')		0 — 2 — 4 — 6 — 8 — 10 — 12 — 14 — 16 — 18 — 20 — 22 — 24 — 26 — 28	Asphalt top layer. ▽ Clay with fine grained sand and trace gravel. Diesel odor. Groundwater equilibrated at 1.67. Water turbid.  EOB at 6' bgs.
<b>ACC Environmental Consultants, Inc.</b> 7977 Capwell Drive, Suite 100 Oakland, California 94621 (510)638-8400 FAX: (510)638-8404			Project Number 6470-034.01	<b>Date:</b> 2/15/2011	▽ Sampled after Temporary Well Set. EOB: End of Boring Bgs: Below Ground Surface Hand Augered to 6' bgs



Additional Observations	PID (ppm)	SAMPLE ID	SAMPLE INTERVAL	depth below ground surface (ft)	<b>EQUIPMENT: Geoprobe Hydraulic Sampling Device</b> <b>OPERATED BY: EnProb</b> <b>LOGGED BY: Julia Siudyla &amp; Gwen Santos</b> <b>LOCATION: 1708 Wood Street, Oakland</b> <b>WORK DATE: 2/15/2011</b> <b>BORING: SB-2</b>
SM 10YR 3/4 Dark Yellow Brown	0	SB-2 (2.5-3.0')	█	0 1 3	Concrete top layer (6"). Gravel to 1' Sand with clay, fine grained with medium trace gravel. Dry. No odor or sheen. ▽ Groundwater encountered at 3' bgs, equilibrated to 2.5' bgs. Water turbid.
SM 10YR 3/4 Dark Yellow Brown	0			3.5 5 10 12 14 16 18 20 22 24 26 28	Sand with clay, fine grained with medium trace gravel. Wet with staining. Clay with silt. Diesel odor & sheen. Wet. EOB at 6' bgs.
<b>ACC Environmental Consultants, Inc.</b> 7977 Capwell Drive, Suite 100 Oakland, California 94621 (510)638-8400 FAX: (510)638-8404			Project Number 6470-034.01	Date: 2/15/2011	▽ Sampled after Temporary Well Set. EOB: End of Boring Bgs: Below Ground Surface Hand Augered to 6' bgs

Additional Observations	PID (ppm)	SAMPLE ID	SAMPLE INTERVAL	depth below ground surface (ft)	<b>EQUIPMENT: Geoprobe Hydraulic Sampling Device</b> <b>OPERATED BY: EnProb</b> <b>LOGGED BY: Julia Siudyla &amp; Gwen Santos</b> <b>LOCATION: 1708 Wood Street, Oakland</b> <b>WORK DATE: 2/15/2011</b> <b>BORING: SB-3</b>
CL 10YR 4/1 Dark Gray	0	SB-3 (2-2.5')		0 2 4 6 8 10 12 14 16 18 20 22 24 26 28	<p>Asphalt Top Layer</p> <p>Clay - Gray/brown with trace sand and silts. Moist to wet. Diesel odor. Gray staining.</p> <p>▽ Groundwater encountered at 3.6' bgs, Water turbid.</p> <p>EOB at 5' bgs.</p>
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Additional Observations	PID (ppm)	SAMPLE ID	SAMPLE INTERVAL	depth below ground surface (ft)	<b>EQUIPMENT: Geoprobe Hydraulic Sampling Device</b> <b>OPERATED BY: EnProb</b> <b>LOGGED BY: Julia Siudyla &amp; Gwen Santos</b> <b>LOCATION: 1708 Wood Street, Oakland</b> <b>WORK DATE: 2/15/2011</b> <b>BORING: SB-4</b>
CL 10YR 3/1 Very Dark Gray No Odor.	0	SB-4 (2-2.5')		0  2  4  6  8  10  12  14  16  18  20  22  24  26  28	<div style="border: 1px solid black; padding: 2px;">Asphalt Top Layer</div> <div style="border: 1px solid black; padding: 2px;">Concrete</div> <div style="border: 1px solid black; padding: 2px;">  Groundwater encountered at 2' bgs, Water turbid.            Clay - Brown to black. Plastic.            Moist to wet.         </div> <div style="border: 1px solid black; padding: 2px;">           EOB at 5'            Standing water in hole due to rain.         </div>
					<b>ACC Environmental Consultants, Inc.</b> 7977 Capwell Drive, Suite 100 Oakland, California 94621 (510)638-8400 FAX: (510)638-8404

Additional Observations	PID (ppm)	SAMPLE ID	SAMPLE INTERVAL	depth below ground surface (ft)	<b>EQUIPMENT: Geoprobe Hydraulic Sampling Device</b> <b>OPERATED BY: EnProb</b> <b>LOGGED BY: Julia Siudyla &amp; Gwen Santos</b> <b>LOCATION: 1708 Wood Street, Oakland</b> <b>WORK DATE: 2/15/2011</b> <b>BORING: SB-5</b>
SM 10YR 4/2 Dark Grayish Brown	0	SB-5 (1-1.5')	█	0	8" Concrete
CL 10 YR 4/2 Dark Grayish Brown	0	SB-5 (2-2.5')	█	2	Sand - Very fine to medium with trace coarse. Clay - Grayish Brown. Diesel Odor.
SM 10YR 4/2 Dark Grayish Brown	0			4	
				6	Sand - Fine grain. Seam with seashells at 7.5 to 8'. Sulfur odor.
CL 10 YR 4/2 Dark Grayish Brown	0			8	▽ Groundwater encountered at 2' bgs, Water turbid.
CL 10 YR 4/2 Dark Grayish Brown	0			10	Clay - with organic material, gray/brown color.
CL 10 YR 4/2 Dark Grayish Brown	0			12	Clay - with fine grain sand. Sulfur odor.
				14	EOB at 12'
				16	
				18	
				20	
				22	
				24	
				26	
				28	

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Project Number  
6470-034.01

Date:  
2/15/2011

▽ Sampled after Temporary Well Set.  
EOB: End of Boring  
Bgs: Below Ground Surface

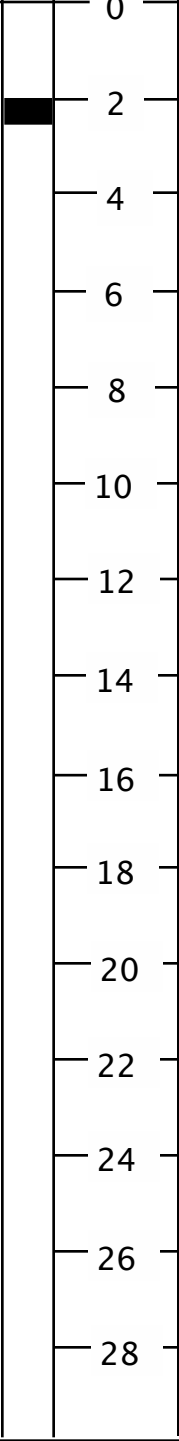
Additional Observations	PID (ppm)	SAMPLE ID	SAMPLE INTERVAL	depth below ground surface (ft)	<b>EQUIPMENT: Geoprobe Hydraulic Sampling Device</b> <b>OPERATED BY: EnProb</b> <b>LOGGED BY: Julia Siudyla &amp; Gwen Santos</b> <b>LOCATION: 1708 Wood Street, Oakland</b> <b>WORK DATE: 2/15/2011</b> <b>BORING: SB-6</b>
CL 10YR 4/1 Dark Gray	0	SB-6 (2-2.5')	█	0 2 4 6	Concrete Clay - Blueish gray to black. With fine sands. Moist, organic. Hydrocarbon odor.
SM 10YR 4/1 Dark Gray	0			8	▽ Groundwater encountered at 2' bgs, Water turbid. Sand - Very fine-fine with clay. Dark Gray. Moist. Clay with organic debris. Dark Gray. Moist to Wet. Clay - Dark gray. Wet.
CL 10YR 4/1 Dark Gray				10 12 14 16 18 20 22 24 26 28	EOB at 12'
<b>ACC Environmental Consultants, Inc.</b> 7977 Capwell Drive, Suite 100 Oakland, California 94621 (510)638-8400 FAX: (510)638-8404			Project Number 6470-034.01	<b>Date:</b> 2/15/2011	▽ Sampled after Temporary Well Set. EOB: End of Boring Bgs: Below Ground Surface Hand Augered to 6' bgs.

Additional Observations	PID (ppm)	SAMPLE ID	SAMPLE INTERVAL	depth below ground surface (ft)	<b>EQUIPMENT: Geoprobe Hydraulic Sampling Device</b> <b>OPERATED BY: EnProb</b> <b>LOGGED BY: Julia Siudyla &amp; Gwen Santos</b> <b>LOCATION: 1708 Wood Street, Oakland</b> <b>WORK DATE: 2/15/2011</b> <b>BORING: SB-7</b>
CL GLEY1 3/1 Very Dark Greenish Gray	0	SB-7 (2.5-3')	█	0 2	Concrete Clay - Very dark greenish gray with very fine-fine sands. Moist to wet. Diesel odor with staining. Groundwater encountered at 2.43', water turbid.
CL GLEY1 3/1 Very Dark Greenish Gray  CL 2.5Y 3/1 Very Dark Brown CL GLEY1 4/2 Greyish Green	0  0 0			4 6 8 10	Clay - Very dark greenish gray with very fine-fine sands. Moist to wet. Diesel odor with staining.  Well set. Clay with fine sand and silt. Black. Moist to wet. No odor. Clay - silty. Greyish green. Very dense.
				12 14 16 18 20 22 24 26 28	EOB at 12'
<b>ACC Environmental Consultants, Inc.</b> 7977 Capwell Drive, Suite 100 Oakland, California 94621 (510)638-8400 FAX: (510)638-8404			Project Number 6470-034.01  <b>Date:</b> 2/16/2011	▽ Sampled after Temporary Well Set. EOB: End of Boring Bgs: Below Ground Surface	

Additional Observations	PID (ppm)	SAMPLE ID	SAMPLE INTERVAL	depth below ground surface (ft)	<b>EQUIPMENT: Geoprobe Hydraulic Sampling Device</b> <b>OPERATED BY: EnProb</b> <b>LOGGED BY: Julia Siudyla &amp; Gwen Santos</b> <b>LOCATION: 1708 Wood Street, Oakland</b> <b>WORK DATE: 3/18/2011</b> <b>BORING: SB-9</b>
CL 10YR 3/1 Very Dark Gray	0	SB-9 (1-1.5')	█	0	Concrete 6-7"
CL GLEY1 4/1 Dark Greenish Gray	0	SB-9 (7.5-8')	█	2 4 6 8 10 12 14 16 18 20 22 24 26 28	<div data-bbox="846 373 889 422" style="text-align: center;">▽</div> Groundwater encountered at 1.2' bgs, Water turbid. Clay - Very dark gray with very fine-fine grained sand and trace gravel. Moist. Diesel odor. Sandy Clay - Dark greenish gray. Moist. Diesel odor. EOB at 8' Standing water in hole due to rain. Push to 16' No recovery to wet.
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Additional Observations	PID (ppm)	SAMPLE ID	SAMPLE INTERVAL	depth below ground surface (ft)	<b>EQUIPMENT: Geoprobe Hydraulic Sampling Device</b> <b>OPERATED BY: EnProb</b> <b>LOGGED BY: Julia Siudyla &amp; Gwen Santos</b> <b>LOCATION: 1708 Wood Street, Oakland</b> <b>WORK DATE: 2/16/2011</b> <b>BORING: SB-12A</b>
CL 2.5Y 2.5/1 Black CL 10YR 2/1 Black	0	SB-12A (2-2.5')		0 2 4 6 8 10 12 14 16 18 20 22 24 26 28	Concrete Fill material Clay - very fine to medium grained. Clay - with fine sand and trace gravel. Black. Diesel odor. EOB at 3' Hit refusal at 3' bgs. Could be a possible UST or utilities.
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Additional Observations	PID (ppm)	SAMPLE ID	SAMPLE INTERVAL	depth below ground surface (ft)	<b>EQUIPMENT: Geoprobe Hydraulic Sampling Device</b> <b>OPERATED BY: EnProb</b> <b>LOGGED BY: Julia Siudyla &amp; Gwen Santos</b> <b>LOCATION: 1708 Wood Street, Oakland</b> <b>WORK DATE: 2/16/2011</b> <b>BORING: SB-12B</b>
CL 10YR 2/1 Black	0			0 — 2 — 4 — 6 — 8 — 10 — 12 — 14 — 16 — 18 — 20 — 22 — 24 — 26 — 28 —	Concrete Fill material Clay - with fine sand and trace gravel. Some greenish blue clay.  EOB at 4' Hit refusal at 4' bgs.
<b>ACC Environmental Consultants, Inc.</b> 7977 Capwell Drive, Suite 100 Oakland, California 94621 (510)638-8400 FAX: (510)638-8404			Project Number 6470-034.01	<b>Date:</b> 2/16/2011	<input checked="" type="checkbox"/> Sampled after Temporary Well Set. EOB: End of Boring Bgs: Below Ground Surface

Additional Observations	PID (ppm)	SAMPLE ID	SAMPLE INTERVAL	depth below ground surface (ft)	<b>EQUIPMENT: Geoprobe Hydraulic Sampling Device</b> <b>OPERATED BY: EnProb</b> <b>LOGGED BY: Julia Siudyla &amp; Gwen Santos</b> <b>LOCATION: 1708 Wood Street, Oakland</b> <b>WORK DATE: 2/16/2011</b> <b>BORING: SB-13</b>
CL 10YR 3/2 Very Dark Greyish Brown	0			0 — 2 — 4 — 6 — 8 — 10 — 12 — 14 — 16 — 18 — 20 — 22 — 24 — 26 — 28	Concrete Clay with sand and gravel. Moist to wet. Diesel odor. Very dark greyish brown. ▽ Groundwater at 2.8' bgs.  Unable to log soil or get recovery from Geoprobe.  EOB at 12' bgs.
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Additional Observations	PID (ppm)	SAMPLE ID	SAMPLE INTERVAL	depth below ground surface (ft)	<b>EQUIPMENT: Geoprobe Hydraulic Sampling Device</b> <b>OPERATED BY: EnProb</b> <b>LOGGED BY: Julia Siudyla &amp; Gwen Santos</b> <b>LOCATION: 1708 Wood Street, Oakland</b> <b>WORK DATE: 2/16/2011</b> <b>BORING: SB-14</b>
CL GLEY1 3/2 Very Dark Greenish Grey	0			0	Concrete to 9" ▽ Clay with fine sand. Wet. Greenish gray. Groundwater encountered.
CL GLEY1 3/2 Very Dark Greenish Grey	0			2 4 6 8 10	Clay with trace sand. Moist to wet. Plastic. Very dark greenish gray.
SM 10YR 3/1 Very Dark Gray	0			12	Sand - fine grained. Wet. Blackish gray.
CL GLEY1 3/2 Very Dark Greenish Grey	0	SB-14 (14.5-16)	[shaded]	14	Clay with trace sand. Moist to wet. Plastic. Very dark greenish gray.
				16 18 20 22 24 26 28	EOB at 16' bgs.
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Additional Observations	PID (ppm)	SAMPLE ID	SAMPLE INTERVAL	depth below ground surface (ft)	<b>EQUIPMENT: Geoprobe Hydraulic Sampling Device</b> <b>OPERATED BY: EnProb</b> <b>LOGGED BY: Julia Siudyla &amp; Gwen Santos</b> <b>LOCATION: 1708 Wood Street, Oakland</b> <b>WORK DATE: 2/17/2011</b> <b>BORING: SB-15</b>
	0			0	Asphalt to 9"
					Base Rock 6"
CL 10YR 4/4 Dark Yellowish Brown	0	SB-15 (2-2.5')	█	2	∇ Clay with sand very fine to fine. Moist. Dark yellowish brown. Gas odor.
CL 10YR 2/1 Black				4	Clay with sand very fine to fine. Moist. Black. Gas odor. Transition to clay. Plastic. Moist. Black to gray. Bay mud.
SM 2.5Y 4/4 Olive Brown				6	∇ Sand - very fine. Wet. Gray.
CL 2.5Y 4/1 Dark Gray				8	∇ Clay. Wet. Gray to black
SM 2.5Y 3/2 Very Dark Grayish Brown				10	∇ Sand - fine with clay. Wet. Dark grayish brown
				12	EOB at 12' bgs. Groundwater encountered at 2' bgs, 6' bgs, 7' bgs, and 10' bgs. Water turbid.
				14	
				16	
				18	
				20	
				22	
				24	
				26	
				28	
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Additional Observations	PID (ppm)	SAMPLE ID	SAMPLE INTERVAL	depth below ground surface (ft)	<b>EQUIPMENT: Geoprobe Hydraulic Sampling Device</b> <b>OPERATED BY: EnProb</b> <b>LOGGED BY: Julia Siudyla &amp; Gwen Santos</b> <b>LOCATION: 1708 Wood Street, Oakland</b> <b>WORK DATE: 2/17/2011</b> <b>BORING: SB-16</b>
CL 10YR 2/1 Dark Brown	0			0 — 2 — 4 — 6	Asphalt Clay with sand. Moist. Dark brown. Motor oil odor. ▽ Depth to groundwater at 2.65' bgs. Clay. Moist. Greyish black. Transition to black clay.
SM GLE1 4/2 Greenish Grey	0			— 8 — 10	▽ Groundwater encountered at 8' bgs. Water turbid. Sand – silty, greenish grey. Transitioning to black silty sands with clay.
				— 12 — 14 — 16 — 18 — 20 — 22 — 24 — 26 — 28	EOB at 12' bgs.
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Additional Observations	PID (ppm)	SAMPLE ID	SAMPLE INTERVAL	depth below ground surface (ft)	<b>EQUIPMENT: Geoprobe Hydraulic Sampling Device</b> <b>OPERATED BY: EnProb</b> <b>LOGGED BY: Julia Siudyla &amp; Gwen Santos</b> <b>LOCATION: 1708 Wood Street, Oakland</b> <b>WORK DATE: 2/17/2011</b> <b>BORING: SB-17</b>	
				0	Asphalt	
				2	Pushed to 12' bgs. No soil logging.	
				4		
				6		
				8		
				10		
				12		
				14		EOB at 12' bgs.
				16		
				18		
				20		
				22		
				24		
				26		
				28		
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Additional Observations	PID (ppm)	SAMPLE ID	SAMPLE INTERVAL	depth below ground surface (ft)	<b>EQUIPMENT: Geoprobe Hydraulic Sampling Device</b> <b>OPERATED BY: EnProb</b> <b>LOGGED BY: Julia Siudyla &amp; Gwen Santos</b> <b>LOCATION: 1708 Wood Street, Oakland</b> <b>WORK DATE: 2/17/2011</b> <b>BORING: SB-18</b>
				0	Asphalt
				2	Pushed to 12' bgs. No soil logging.  ▽ Groundwater encountered at 2.33' bgs. Water turbid.
				4	
				6	
				8	
				10	
				12	
				14	
				16	
				18	
				20	
				22	EOB at 12' bgs.
				24	
				26	
				28	
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Additional Observations	PID (ppm)	SAMPLE ID	SAMPLE INTERVAL	depth below ground surface (ft)	<b>EQUIPMENT: Geoprobe Hydraulic Sampling Device</b> <b>OPERATED BY: EnProb</b> <b>LOGGED BY: Julia Siudyla &amp; Gwen Santos</b> <b>LOCATION: 1708 Wood Street, Oakland</b> <b>WORK DATE: 3/18/2011</b> <b>BORING: SB-20</b>
CL GLEY2 3/1 Very Dark Grey	0	SB-20 (1.0-1.5)	█	0	Concrete 6" ▽ Depth to groundwater at 1.2' bgs. Clay with sand very fine to fine grained. Very dark greenish grey. Moist. Sulfur odor.
CL GLEY1 4/10y Dark Greenish Grey	0	SB-20 (11.5-12)	█	2	▽ Clay with silty sand. Very fine. Wet. Sulfur odor.
	7600 ppb 8000 ppb			4	▽ Clay with silty sand. Very fine. Wet. Sulfur odor.
				8	▽ Clay with silty sand. Very fine. Wet. Sulfur odor.
				10	
				12	EOB at 12' bgs. Groundwater encountered at 1.2' bgs, 4' bgs, and 8' bgs. Water turbid.
				14	
				16	
				18	
				20	
				22	
				24	
				26	
				28	

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▽ Sampled after Temporary Well Set.  
 EOB: End of Boring  
 Bgs: Below Ground Surface

Additional Observations	PID (ppm)	SAMPLE ID	SAMPLE INTERVAL	depth below ground surface (ft)	<b>EQUIPMENT: Geoprobe Hydraulic Sampling Device</b> <b>OPERATED BY: EnProb</b> <b>LOGGED BY: Julia Siudyla &amp; Gwen Santos</b> <b>LOCATION: 1708 Wood Street, Oakland</b> <b>WORK DATE: 3/18/2011</b> <b>BORING: SB-21</b>
CL 10YR 2/2 Very Dark Brown	0	SB-21 (1.0-1.5)	█	0	Concrete 6"
		SB-21 (3.5-4)	█	2	▽ Depth to groundwater at 1.3' bgs. Clay with sand very fine grained with fill material. Very dark brown. Moist to wet. No odor.
				4	▽ No recovery, too wet.
				6	
				8	
				10	
				12	
				14	EOB at 12' bgs. Groundwater encountered at 1.3' bgs. Water turbid.
				16	
				18	
				20	
				22	
				24	
				26	
				28	
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Additional Observations	PID (ppm)	SAMPLE ID	SAMPLE INTERVAL	depth below ground surface (ft)	<b>EQUIPMENT: Geoprobe Hydraulic Sampling Device</b> <b>OPERATED BY: EnProb</b> <b>LOGGED BY: Julia Siudyla &amp; Gwen Santos</b> <b>LOCATION: 1708 Wood Street, Oakland</b> <b>WORK DATE: 3/18/2011</b> <b>BORING: SB-22</b>
CL 10YR 2/1 Black	0	SB-22 (1.0-1.5)	█	0 2	Concrete ▽ Clay with sand/gravel fill material. Moist. No odor.
CL GLE1 3/N Very Dark Grey	0	SB-22 (7.5-8)	█	4 6 8	▽ Clay - plastic. Very dark grey. Moist to wet. No odor.
				10 12 14 16 18 20 22 24 26 28	No recovery.  EOB at 12' bgs. Groundwater encountered at 1' bgs and 4' bgs. Water turbid.
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Additional Observations	PID (ppm)	SAMPLE ID	SAMPLE INTERVAL	depth below ground surface (ft)	<b>EQUIPMENT: Geoprobe Hydraulic Sampling Device</b> <b>OPERATED BY: EnProb</b> <b>LOGGED BY: Julia Siudyla &amp; Gwen Santos</b> <b>LOCATION: 1708 Wood Street, Oakland</b> <b>WORK DATE: 3/18/2011</b> <b>BORING: SB-23</b>
CL 10YR 2/1 Black	0	SB-23 (1.0-1.5)	█	0 2	Concrete Clay with fill material. No odor.
				4 6	No recovery.
CL GLE1 3/N Very Dark Grey	0	SB-23 (11.5-12)	█	8 10 12	Clay. Very dark grey. Moist. No odor.
				14 16 18 20 22 24 26 28	▽ EOB at 12' bgs. Groundwater encountered at 11.5' bgs. Water turbid.
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Additional Observations	PID (ppm)	SAMPLE ID	SAMPLE INTERVAL	depth below ground surface (ft)	<b>EQUIPMENT: Geoprobe Hydraulic Sampling Device</b> <b>OPERATED BY: EnProb</b> <b>LOGGED BY: Julia Siudyla &amp; Gwen Santos</b> <b>LOCATION: 1708 Wood Street, Oakland</b> <b>WORK DATE: 3/18/2011</b> <b>BORING: SB-24</b>
CL GLEY1 2.2/10Y Greenish Black	0	SB-24 (1.0-1.5)	█	0 2 4 6 8	Asphalt Clay with sand, gravel and fill material. Black. No odor. ▽ Clay - Brownish grey. Moist. Plastic. No odor.
CL GLEY1 4/1 Dark Greenish Grey	0	SB-24 (11.5-12)	█	10 12	▽ Clay with fine sand, grey. Wet. Plastic. No odor.
				14 16 18 20 22 24 26 28	EOB at 12' bgs. Groundwater encountered at 1-2' bgs and 11.5' bgs. Water turbid.
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Additional Observations	PID (ppm)	SAMPLE ID	SAMPLE INTERVAL	depth below ground surface (ft)	<b>EQUIPMENT: Geoprobe Hydraulic Sampling Device</b> <b>OPERATED BY: EnProb</b> <b>LOGGED BY: Julia Siudyla &amp; Gwen Santos</b> <b>LOCATION: 1708 Wood Street, Oakland</b> <b>WORK DATE: 3/18/2011</b> <b>BORING: SB-25</b>
CL 10YR 3/1 Very Dark Grey	0	SB-25 (1.0-1.5)	█	0	Asphalt
CL 10YR 2/1 Black	0			2	▽ Clay with sand and fill material. Very dark grey. Moist. No odor.
CL GLE1 4/1 Dark Greenish Grey	0			4	Clay with sand. Moist. Black. No odor.
CL GLE1 4/1 Dark Greenish Grey	0			6	Clay - very dark greenish grey. Plastic. No odor.
CL GLE1 4/1 Dark Greenish Grey	0	SB-25 (11.5-12)	█	8	Clay with silty sand. Moist to wet. Greenish grey. No odor.
				10	▽
				12	EOB at 12' bgs. Groundwater encountered at 1-2' bgs and 11.5' bgs. Water turbid.
				14	
				16	
				18	
				20	
				22	
				24	
				26	
				28	
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	<b>Date:</b> 3/18/2011				

Additional Observations	PID (ppm)	SAMPLE ID	SAMPLE INTERVAL	depth below ground surface (ft)	<b>EQUIPMENT: Geoprobe Hydraulic Sampling Device</b> <b>OPERATED BY: EnProb</b> <b>LOGGED BY: Julia Siudyla &amp; Gwen Santos</b> <b>LOCATION: 1708 Wood Street, Oakland</b> <b>WORK DATE: 3/18/2011</b> <b>BORING: SB-26</b>
CL GLEY 3/1 Very Dark Grey	0	SB-26 (1.0-1.5)	█	0 2	Asphalt ▽ Clay with sand. Dark greenish grey. Moist. No odor.
CL 10YR 2/1 Black CL 10YR 2/3 Very Dark Brown	0			4 6	▽ Clay - Dark greenish grey. Wet. Transitioning to clay with silty sand. Black/very dark greyish brown. No odor.
SM 10YR 4/2 Dark Greyish Brown	0	SB-26 (11.5-12)	█	8 10 12	Sand with clay. Moist. No odor. No staining. ▽
				14 16 18 20 22 24 26 28	EOB at 12' bgs. Groundwater encountered at 1-1.5' bgs, 4' bgs, and 11.5' bgs. Water turbid.
<b>ACC Environmental Consultants, Inc.</b> 7977 Capwell Drive, Suite 100 Oakland, California 94621 (510)638-8400 FAX: (510)638-8404			Project Number 6470-034.01	Date: 3/18/2011	▽ Sampled after Temporary Well Set. EOB: End of Boring Bgs: Below Ground Surface

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

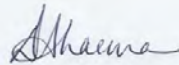
## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.  
TestAmerica San Francisco  
1220 Quarry Lane  
Pleasanton, CA 94566  
Tel: (925)484-1919

TestAmerica Job ID: 720-33350-1  
Client Project/Site: USF Roadway Express, Oakland  
Revision: 1

For:  
ACC Environmental Consultants  
7977 Capwell Drive  
Suite 100  
Oakland, California 94621

Attn: Environmental Scientist Julia Siudyla



Authorized for release by:  
2/25/2011 12:31 PM

Dimple Sharma  
Project Manager I  
[dimple.sharma@testamericainc.com](mailto:dimple.sharma@testamericainc.com)

### LINKS

Review your project  
results through  
**TotalAccess**

Have a Question?



Visit us at:  
[www.testamericainc.com](http://www.testamericainc.com)

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

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# Qualifier Definition/Glossary

Client: ACC Environmental Consultants  
Project/Site: USF Roadway Express, Oakland

TestAmerica Job ID: 720-33350-1

## Glossary

Glossary	Glossary Description
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis.

- 1
- 2
- 3
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- 14

# Case Narrative

Client: ACC Environmental Consultants  
Project/Site: USF Roadway Express, Oakland

TestAmerica Job ID: 720-33350-1

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**Job ID: 720-33350-1**

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**Laboratory: TestAmerica San Francisco**

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**Narrative**

**Job Narrative**  
720-33350-1

**Comments**

No additional comments.

**Receipt**

All samples were received in good condition within temperature requirements.

**GC/MS VOA**

No analytical or quality issues were noted.

**GC Semi VOA**

No analytical or quality issues were noted.

**General Chemistry**

No analytical or quality issues were noted.

**Organic Prep**

No analytical or quality issues were noted.

- 1
- 2
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- 9
- 10
- 11
- 12
- 13
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# Detection Summary

Client: ACC Environmental Consultants  
Project/Site: USF Roadway Express, Oakland

TestAmerica Job ID: 720-33350-1

## Client Sample ID: MW-3

Lab Sample ID: 720-33350-1

No Detections.

## Client Sample ID: MW-4

Lab Sample ID: 720-33350-2

No Detections.

## Client Sample ID: MW-5

Lab Sample ID: 720-33350-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
DIPE	0.83		0.50		ug/L	1		8260B/CA_LUFTM	Total/NA

## Client Sample ID: MW-6

Lab Sample ID: 720-33350-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Motor Oil Range Organics [C24-C36]	130		100		ug/L	1		8015B	Silica Gel Clear

## Client Sample ID: MW-7

Lab Sample ID: 720-33350-5

No Detections.

## Client Sample ID: MW-8

Lab Sample ID: 720-33350-6

No Detections.

## Client Sample ID: TB-1

Lab Sample ID: 720-33350-7

No Detections.

# Analytical Data

Client: ACC Environmental Consultants  
 Project/Site: USF Roadway Express, Oakland

TestAmerica Job ID: 720-33350-1

**Client Sample ID: MW-3**

**Date Collected: 02/14/11 11:00**

**Date Received: 02/15/11 11:30**

**Lab Sample ID: 720-33350-1**

**Matrix: Water**

**Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.50		ug/L			02/16/11 00:16	1
MTBE	ND		0.50		ug/L			02/16/11 00:16	1
1,1-Dichloroethane	ND		0.50		ug/L			02/16/11 00:16	1
Dichlorodifluoromethane	ND		0.50		ug/L			02/16/11 00:16	1
Vinyl chloride	ND		0.50		ug/L			02/16/11 00:16	1
Chloroethane	ND		1.0		ug/L			02/16/11 00:16	1
Trichlorofluoromethane	ND		1.0		ug/L			02/16/11 00:16	1
Methylene Chloride	ND		5.0		ug/L			02/16/11 00:16	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			02/16/11 00:16	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			02/16/11 00:16	1
Chloroform	ND		1.0		ug/L			02/16/11 00:16	1
1,1,1-Trichloroethane	ND		0.50		ug/L			02/16/11 00:16	1
Carbon tetrachloride	ND		0.50		ug/L			02/16/11 00:16	1
1,2-Dichloroethane	ND		0.50		ug/L			02/16/11 00:16	1
Trichloroethene	ND		0.50		ug/L			02/16/11 00:16	1
1,2-Dichloropropane	ND		0.50		ug/L			02/16/11 00:16	1
Dichlorobromomethane	ND		0.50		ug/L			02/16/11 00:16	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			02/16/11 00:16	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			02/16/11 00:16	1
1,1,2-Trichloroethane	ND		0.50		ug/L			02/16/11 00:16	1
Tetrachloroethene	ND		0.50		ug/L			02/16/11 00:16	1
Chlorodibromomethane	ND		0.50		ug/L			02/16/11 00:16	1
Chlorobenzene	ND		0.50		ug/L			02/16/11 00:16	1
Bromoform	ND		1.0		ug/L			02/16/11 00:16	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			02/16/11 00:16	1
1,3-Dichlorobenzene	ND		0.50		ug/L			02/16/11 00:16	1
1,4-Dichlorobenzene	ND		0.50		ug/L			02/16/11 00:16	1
1,2-Dichlorobenzene	ND		0.50		ug/L			02/16/11 00:16	1
Chloromethane	ND		1.0		ug/L			02/16/11 00:16	1
Bromomethane	ND		1.0		ug/L			02/16/11 00:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			02/16/11 00:16	1
EDB	ND		0.50		ug/L			02/16/11 00:16	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			02/16/11 00:16	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			02/16/11 00:16	1
TBA	ND		4.0		ug/L			02/16/11 00:16	1
DIPE	ND		0.50		ug/L			02/16/11 00:16	1
TAME	ND		0.50		ug/L			02/16/11 00:16	1
Ethyl tert-butyl ether	ND		0.50		ug/L			02/16/11 00:16	1
Benzene	ND		0.50		ug/L			02/16/11 00:16	1
Toluene	ND		0.50		ug/L			02/16/11 00:16	1
Ethylbenzene	ND		0.50		ug/L			02/16/11 00:16	1
Xylenes, Total	ND		1.0		ug/L			02/16/11 00:16	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	97		70 - 130					02/16/11 00:16	1
4-Bromofluorobenzene	97		67 - 130					02/16/11 00:16	1
1,2-Dichloroethane-d4 (Surr)	104		67 - 130					02/16/11 00:16	1

# Analytical Data

Client: ACC Environmental Consultants  
 Project/Site: USF Roadway Express, Oakland

TestAmerica Job ID: 720-33350-1

## Client Sample ID: MW-3

Date Collected: 02/14/11 11:00

Date Received: 02/15/11 11:30

## Lab Sample ID: 720-33350-1

Matrix: Water

### Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		51		ug/L		02/15/11 16:10	02/16/11 12:40	1
Motor Oil Range Organics [C24-C36]	ND		100		ug/L		02/15/11 16:10	02/16/11 12:40	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Capric Acid (Surr)	0.2		0 - 5				02/15/11 16:10	02/16/11 12:40	1
p-Terphenyl	87		31 - 150				02/15/11 16:10	02/16/11 12:40	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	ND		5.2		mg/L		02/18/11 08:04	02/18/11 12:45	1

## Client Sample ID: MW-4

Date Collected: 02/14/11 14:50

Date Received: 02/15/11 11:30

## Lab Sample ID: 720-33350-2

Matrix: Water

### Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.50		ug/L			02/16/11 01:53	1
MTBE	ND		0.50		ug/L			02/16/11 01:53	1
1,1-Dichloroethane	ND		0.50		ug/L			02/16/11 01:53	1
Dichlorodifluoromethane	ND		0.50		ug/L			02/16/11 01:53	1
Vinyl chloride	ND		0.50		ug/L			02/16/11 01:53	1
Chloroethane	ND		1.0		ug/L			02/16/11 01:53	1
Trichlorofluoromethane	ND		1.0		ug/L			02/16/11 01:53	1
Methylene Chloride	ND		5.0		ug/L			02/16/11 01:53	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			02/16/11 01:53	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			02/16/11 01:53	1
Chloroform	ND		1.0		ug/L			02/16/11 01:53	1
1,1,1-Trichloroethane	ND		0.50		ug/L			02/16/11 01:53	1
Carbon tetrachloride	ND		0.50		ug/L			02/16/11 01:53	1
1,2-Dichloroethane	ND		0.50		ug/L			02/16/11 01:53	1
Trichloroethene	ND		0.50		ug/L			02/16/11 01:53	1
1,2-Dichloropropane	ND		0.50		ug/L			02/16/11 01:53	1
Dichlorobromomethane	ND		0.50		ug/L			02/16/11 01:53	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			02/16/11 01:53	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			02/16/11 01:53	1
1,1,2-Trichloroethane	ND		0.50		ug/L			02/16/11 01:53	1
Tetrachloroethene	ND		0.50		ug/L			02/16/11 01:53	1
Chlorodibromomethane	ND		0.50		ug/L			02/16/11 01:53	1
Chlorobenzene	ND		0.50		ug/L			02/16/11 01:53	1
Bromoform	ND		1.0		ug/L			02/16/11 01:53	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			02/16/11 01:53	1
1,3-Dichlorobenzene	ND		0.50		ug/L			02/16/11 01:53	1
1,4-Dichlorobenzene	ND		0.50		ug/L			02/16/11 01:53	1
1,2-Dichlorobenzene	ND		0.50		ug/L			02/16/11 01:53	1
Chloromethane	ND		1.0		ug/L			02/16/11 01:53	1
Bromomethane	ND		1.0		ug/L			02/16/11 01:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			02/16/11 01:53	1
EDB	ND		0.50		ug/L			02/16/11 01:53	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			02/16/11 01:53	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			02/16/11 01:53	1

TestAmerica San Francisco

# Analytical Data

Client: ACC Environmental Consultants  
 Project/Site: USF Roadway Express, Oakland

TestAmerica Job ID: 720-33350-1

**Client Sample ID: MW-4**  
**Date Collected: 02/14/11 14:50**  
**Date Received: 02/15/11 11:30**

**Lab Sample ID: 720-33350-2**  
**Matrix: Water**

**Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TBA	ND		4.0		ug/L			02/16/11 01:53	1
DIPE	ND		0.50		ug/L			02/16/11 01:53	1
TAME	ND		0.50		ug/L			02/16/11 01:53	1
Ethyl tert-butyl ether	ND		0.50		ug/L			02/16/11 01:53	1
Benzene	ND		0.50		ug/L			02/16/11 01:53	1
Toluene	ND		0.50		ug/L			02/16/11 01:53	1
Ethylbenzene	ND		0.50		ug/L			02/16/11 01:53	1
Xylenes, Total	ND		1.0		ug/L			02/16/11 01:53	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	97		70 - 130		02/16/11 01:53	1
4-Bromofluorobenzene	98		67 - 130		02/16/11 01:53	1
1,2-Dichloroethane-d4 (Surr)	103		67 - 130		02/16/11 01:53	1

**Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		51		ug/L		02/15/11 16:10	02/16/11 13:03	1
Motor Oil Range Organics [C24-C36]	ND		100		ug/L		02/15/11 16:10	02/16/11 13:03	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Capric Acid (Surr)	0.3		0 - 5	02/15/11 16:10	02/16/11 13:03	1
p-Terphenyl	94		31 - 150	02/15/11 16:10	02/16/11 13:03	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	ND		5.3		mg/L		02/18/11 08:30	02/18/11 12:53	1

**Client Sample ID: MW-5**  
**Date Collected: 02/14/11 12:25**  
**Date Received: 02/15/11 11:30**

**Lab Sample ID: 720-33350-3**  
**Matrix: Water**

**Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.50		ug/L			02/16/11 02:25	1
MTBE	ND		0.50		ug/L			02/16/11 02:25	1
1,1-Dichloroethane	ND		0.50		ug/L			02/16/11 02:25	1
Dichlorodifluoromethane	ND		0.50		ug/L			02/16/11 02:25	1
Vinyl chloride	ND		0.50		ug/L			02/16/11 02:25	1
Chloroethane	ND		1.0		ug/L			02/16/11 02:25	1
Trichlorofluoromethane	ND		1.0		ug/L			02/16/11 02:25	1
Methylene Chloride	ND		5.0		ug/L			02/16/11 02:25	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			02/16/11 02:25	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			02/16/11 02:25	1
Chloroform	ND		1.0		ug/L			02/16/11 02:25	1
1,1,1-Trichloroethane	ND		0.50		ug/L			02/16/11 02:25	1
Carbon tetrachloride	ND		0.50		ug/L			02/16/11 02:25	1
1,2-Dichloroethane	ND		0.50		ug/L			02/16/11 02:25	1
Trichloroethene	ND		0.50		ug/L			02/16/11 02:25	1
1,2-Dichloropropane	ND		0.50		ug/L			02/16/11 02:25	1
Dichlorobromomethane	ND		0.50		ug/L			02/16/11 02:25	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			02/16/11 02:25	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			02/16/11 02:25	1

# Analytical Data

Client: ACC Environmental Consultants  
Project/Site: USF Roadway Express, Oakland

TestAmerica Job ID: 720-33350-1

**Client Sample ID: MW-5**  
**Date Collected: 02/14/11 12:25**  
**Date Received: 02/15/11 11:30**

**Lab Sample ID: 720-33350-3**  
**Matrix: Water**

**Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		0.50		ug/L			02/16/11 02:25	1
Tetrachloroethene	ND		0.50		ug/L			02/16/11 02:25	1
Chlorodibromomethane	ND		0.50		ug/L			02/16/11 02:25	1
Chlorobenzene	ND		0.50		ug/L			02/16/11 02:25	1
Bromoform	ND		1.0		ug/L			02/16/11 02:25	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			02/16/11 02:25	1
1,3-Dichlorobenzene	ND		0.50		ug/L			02/16/11 02:25	1
1,4-Dichlorobenzene	ND		0.50		ug/L			02/16/11 02:25	1
1,2-Dichlorobenzene	ND		0.50		ug/L			02/16/11 02:25	1
Chloromethane	ND		1.0		ug/L			02/16/11 02:25	1
Bromomethane	ND		1.0		ug/L			02/16/11 02:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			02/16/11 02:25	1
EDB	ND		0.50		ug/L			02/16/11 02:25	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			02/16/11 02:25	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			02/16/11 02:25	1
TBA	ND		4.0		ug/L			02/16/11 02:25	1
<b>DIPE</b>	<b>0.83</b>		0.50		ug/L			02/16/11 02:25	1
TAME	ND		0.50		ug/L			02/16/11 02:25	1
Ethyl tert-butyl ether	ND		0.50		ug/L			02/16/11 02:25	1
Benzene	ND		0.50		ug/L			02/16/11 02:25	1
Toluene	ND		0.50		ug/L			02/16/11 02:25	1
Ethylbenzene	ND		0.50		ug/L			02/16/11 02:25	1
Xylenes, Total	ND		1.0		ug/L			02/16/11 02:25	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	97		70 - 130		02/16/11 02:25	1
4-Bromofluorobenzene	97		67 - 130		02/16/11 02:25	1
1,2-Dichloroethane-d4 (Surr)	106		67 - 130		02/16/11 02:25	1

**Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		51		ug/L		02/15/11 16:10	02/16/11 13:27	1
Motor Oil Range Organics [C24-C36]	ND		100		ug/L		02/15/11 16:10	02/16/11 13:27	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Capric Acid (Surr)	0.2		0 - 5	02/15/11 16:10	02/16/11 13:27	1
p-Terphenyl	93		31 - 150	02/15/11 16:10	02/16/11 13:27	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	ND		5.2		mg/L		02/18/11 08:43	02/18/11 12:56	1

**Client Sample ID: MW-6**  
**Date Collected: 02/14/11 11:50**  
**Date Received: 02/15/11 11:30**

**Lab Sample ID: 720-33350-4**  
**Matrix: Water**

**Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.50		ug/L			02/16/11 02:57	1
MTBE	ND		0.50		ug/L			02/16/11 02:57	1
1,1-Dichloroethane	ND		0.50		ug/L			02/16/11 02:57	1



# Analytical Data

Client: ACC Environmental Consultants  
 Project/Site: USF Roadway Express, Oakland

TestAmerica Job ID: 720-33350-1

**Client Sample ID: MW-6**  
**Date Collected: 02/14/11 11:50**  
**Date Received: 02/15/11 11:30**

**Lab Sample ID: 720-33350-4**  
**Matrix: Water**

**Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50		ug/L			02/16/11 02:57	1
Vinyl chloride	ND		0.50		ug/L			02/16/11 02:57	1
Chloroethane	ND		1.0		ug/L			02/16/11 02:57	1
Trichlorofluoromethane	ND		1.0		ug/L			02/16/11 02:57	1
Methylene Chloride	ND		5.0		ug/L			02/16/11 02:57	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			02/16/11 02:57	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			02/16/11 02:57	1
Chloroform	ND		1.0		ug/L			02/16/11 02:57	1
1,1,1-Trichloroethane	ND		0.50		ug/L			02/16/11 02:57	1
Carbon tetrachloride	ND		0.50		ug/L			02/16/11 02:57	1
1,2-Dichloroethane	ND		0.50		ug/L			02/16/11 02:57	1
Trichloroethene	ND		0.50		ug/L			02/16/11 02:57	1
1,2-Dichloropropane	ND		0.50		ug/L			02/16/11 02:57	1
Dichlorobromomethane	ND		0.50		ug/L			02/16/11 02:57	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			02/16/11 02:57	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			02/16/11 02:57	1
1,1,2-Trichloroethane	ND		0.50		ug/L			02/16/11 02:57	1
Tetrachloroethene	ND		0.50		ug/L			02/16/11 02:57	1
Chlorodibromomethane	ND		0.50		ug/L			02/16/11 02:57	1
Chlorobenzene	ND		0.50		ug/L			02/16/11 02:57	1
Bromoform	ND		1.0		ug/L			02/16/11 02:57	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			02/16/11 02:57	1
1,3-Dichlorobenzene	ND		0.50		ug/L			02/16/11 02:57	1
1,4-Dichlorobenzene	ND		0.50		ug/L			02/16/11 02:57	1
1,2-Dichlorobenzene	ND		0.50		ug/L			02/16/11 02:57	1
Chloromethane	ND		1.0		ug/L			02/16/11 02:57	1
Bromomethane	ND		1.0		ug/L			02/16/11 02:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			02/16/11 02:57	1
EDB	ND		0.50		ug/L			02/16/11 02:57	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			02/16/11 02:57	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			02/16/11 02:57	1
TBA	ND		4.0		ug/L			02/16/11 02:57	1
DIPE	ND		0.50		ug/L			02/16/11 02:57	1
TAME	ND		0.50		ug/L			02/16/11 02:57	1
Ethyl tert-butyl ether	ND		0.50		ug/L			02/16/11 02:57	1
Benzene	ND		0.50		ug/L			02/16/11 02:57	1
Toluene	ND		0.50		ug/L			02/16/11 02:57	1
Ethylbenzene	ND		0.50		ug/L			02/16/11 02:57	1
Xylenes, Total	ND		1.0		ug/L			02/16/11 02:57	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	97		70 - 130		02/16/11 02:57	1
4-Bromofluorobenzene	96		67 - 130		02/16/11 02:57	1
1,2-Dichloroethane-d4 (Surr)	107		67 - 130		02/16/11 02:57	1

**Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		51		ug/L		02/15/11 16:10	02/16/11 13:50	1
<b>Motor Oil Range Organics [C24-C36]</b>	<b>130</b>		100		ug/L		02/15/11 16:10	02/16/11 13:50	1

# Analytical Data

Client: ACC Environmental Consultants  
 Project/Site: USF Roadway Express, Oakland

TestAmerica Job ID: 720-33350-1

**Client Sample ID: MW-6**

**Date Collected: 02/14/11 11:50**

**Date Received: 02/15/11 11:30**

**Lab Sample ID: 720-33350-4**

**Matrix: Water**

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Capric Acid (Surr)	0.3		0 - 5	02/15/11 16:10	02/16/11 13:50	1
p-Terphenyl	90		31 - 150	02/15/11 16:10	02/16/11 13:50	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	ND		5.1		mg/L		02/18/11 08:56	02/18/11 13:00	1

**Client Sample ID: MW-7**

**Date Collected: 02/14/11 10:00**

**Date Received: 02/15/11 11:30**

**Lab Sample ID: 720-33350-5**

**Matrix: Water**

**Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.50		ug/L			02/16/11 03:30	1
MTBE	ND		0.50		ug/L			02/16/11 03:30	1
1,1-Dichloroethane	ND		0.50		ug/L			02/16/11 03:30	1
Dichlorodifluoromethane	ND		0.50		ug/L			02/16/11 03:30	1
Vinyl chloride	ND		0.50		ug/L			02/16/11 03:30	1
Chloroethane	ND		1.0		ug/L			02/16/11 03:30	1
Trichlorofluoromethane	ND		1.0		ug/L			02/16/11 03:30	1
Methylene Chloride	ND		5.0		ug/L			02/16/11 03:30	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			02/16/11 03:30	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			02/16/11 03:30	1
Chloroform	ND		1.0		ug/L			02/16/11 03:30	1
1,1,1-Trichloroethane	ND		0.50		ug/L			02/16/11 03:30	1
Carbon tetrachloride	ND		0.50		ug/L			02/16/11 03:30	1
1,2-Dichloroethane	ND		0.50		ug/L			02/16/11 03:30	1
Trichloroethene	ND		0.50		ug/L			02/16/11 03:30	1
1,2-Dichloropropane	ND		0.50		ug/L			02/16/11 03:30	1
Dichlorobromomethane	ND		0.50		ug/L			02/16/11 03:30	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			02/16/11 03:30	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			02/16/11 03:30	1
1,1,2-Trichloroethane	ND		0.50		ug/L			02/16/11 03:30	1
Tetrachloroethene	ND		0.50		ug/L			02/16/11 03:30	1
Chlorodibromomethane	ND		0.50		ug/L			02/16/11 03:30	1
Chlorobenzene	ND		0.50		ug/L			02/16/11 03:30	1
Bromoform	ND		1.0		ug/L			02/16/11 03:30	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			02/16/11 03:30	1
1,3-Dichlorobenzene	ND		0.50		ug/L			02/16/11 03:30	1
1,4-Dichlorobenzene	ND		0.50		ug/L			02/16/11 03:30	1
1,2-Dichlorobenzene	ND		0.50		ug/L			02/16/11 03:30	1
Chloromethane	ND		1.0		ug/L			02/16/11 03:30	1
Bromomethane	ND		1.0		ug/L			02/16/11 03:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			02/16/11 03:30	1
EDB	ND		0.50		ug/L			02/16/11 03:30	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			02/16/11 03:30	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			02/16/11 03:30	1
TBA	ND		4.0		ug/L			02/16/11 03:30	1
DIPE	ND		0.50		ug/L			02/16/11 03:30	1
TAME	ND		0.50		ug/L			02/16/11 03:30	1
Ethyl tert-butyl ether	ND		0.50		ug/L			02/16/11 03:30	1

# Analytical Data

Client: ACC Environmental Consultants  
 Project/Site: USF Roadway Express, Oakland

TestAmerica Job ID: 720-33350-1

**Client Sample ID: MW-7**  
**Date Collected: 02/14/11 10:00**  
**Date Received: 02/15/11 11:30**

**Lab Sample ID: 720-33350-5**  
**Matrix: Water**

**Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			02/16/11 03:30	1
Toluene	ND		0.50		ug/L			02/16/11 03:30	1
Ethylbenzene	ND		0.50		ug/L			02/16/11 03:30	1
Xylenes, Total	ND		1.0		ug/L			02/16/11 03:30	1
<b>Surrogate</b>	<b>% Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
Toluene-d8 (Surr)	97		70 - 130					02/16/11 03:30	1
4-Bromofluorobenzene	95		67 - 130					02/16/11 03:30	1
1,2-Dichloroethane-d4 (Surr)	102		67 - 130					02/16/11 03:30	1

**Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		51		ug/L		02/15/11 16:10	02/16/11 15:47	1
Motor Oil Range Organics [C24-C36]	ND		100		ug/L		02/15/11 16:10	02/16/11 15:47	1
<b>Surrogate</b>	<b>% Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
Capric Acid (Surr)	0.06		0 - 5				02/15/11 16:10	02/16/11 15:47	1
p-Terphenyl	93		31 - 150				02/15/11 16:10	02/16/11 15:47	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	ND		5.2		mg/L		02/18/11 09:08	02/18/11 13:04	1

**Client Sample ID: MW-8**  
**Date Collected: 02/14/11 13:40**  
**Date Received: 02/15/11 11:30**

**Lab Sample ID: 720-33350-6**  
**Matrix: Water**

**Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.50		ug/L			02/16/11 04:02	1
MTBE	ND		0.50		ug/L			02/16/11 04:02	1
1,1-Dichloroethane	ND		0.50		ug/L			02/16/11 04:02	1
Dichlorodifluoromethane	ND		0.50		ug/L			02/16/11 04:02	1
Vinyl chloride	ND		0.50		ug/L			02/16/11 04:02	1
Chloroethane	ND		1.0		ug/L			02/16/11 04:02	1
Trichlorofluoromethane	ND		1.0		ug/L			02/16/11 04:02	1
Methylene Chloride	ND		5.0		ug/L			02/16/11 04:02	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			02/16/11 04:02	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			02/16/11 04:02	1
Chloroform	ND		1.0		ug/L			02/16/11 04:02	1
1,1,1-Trichloroethane	ND		0.50		ug/L			02/16/11 04:02	1
Carbon tetrachloride	ND		0.50		ug/L			02/16/11 04:02	1
1,2-Dichloroethane	ND		0.50		ug/L			02/16/11 04:02	1
Trichloroethene	ND		0.50		ug/L			02/16/11 04:02	1
1,2-Dichloropropane	ND		0.50		ug/L			02/16/11 04:02	1
Dichlorobromomethane	ND		0.50		ug/L			02/16/11 04:02	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			02/16/11 04:02	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			02/16/11 04:02	1
1,1,2-Trichloroethane	ND		0.50		ug/L			02/16/11 04:02	1
Tetrachloroethene	ND		0.50		ug/L			02/16/11 04:02	1
Chlorodibromomethane	ND		0.50		ug/L			02/16/11 04:02	1
Chlorobenzene	ND		0.50		ug/L			02/16/11 04:02	1

# Analytical Data

Client: ACC Environmental Consultants  
Project/Site: USF Roadway Express, Oakland

TestAmerica Job ID: 720-33350-1

**Client Sample ID: MW-8**  
**Date Collected: 02/14/11 13:40**  
**Date Received: 02/15/11 11:30**

**Lab Sample ID: 720-33350-6**  
**Matrix: Water**

**Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		1.0		ug/L			02/16/11 04:02	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			02/16/11 04:02	1
1,3-Dichlorobenzene	ND		0.50		ug/L			02/16/11 04:02	1
1,4-Dichlorobenzene	ND		0.50		ug/L			02/16/11 04:02	1
1,2-Dichlorobenzene	ND		0.50		ug/L			02/16/11 04:02	1
Chloromethane	ND		1.0		ug/L			02/16/11 04:02	1
Bromomethane	ND		1.0		ug/L			02/16/11 04:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			02/16/11 04:02	1
EDB	ND		0.50		ug/L			02/16/11 04:02	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			02/16/11 04:02	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			02/16/11 04:02	1
TBA	ND		4.0		ug/L			02/16/11 04:02	1
DIPE	ND		0.50		ug/L			02/16/11 04:02	1
TAME	ND		0.50		ug/L			02/16/11 04:02	1
Ethyl tert-butyl ether	ND		0.50		ug/L			02/16/11 04:02	1
Benzene	ND		0.50		ug/L			02/16/11 04:02	1
Toluene	ND		0.50		ug/L			02/16/11 04:02	1
Ethylbenzene	ND		0.50		ug/L			02/16/11 04:02	1
Xylenes, Total	ND		1.0		ug/L			02/16/11 04:02	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	95		70 - 130		02/16/11 04:02	1
4-Bromofluorobenzene	97		67 - 130		02/16/11 04:02	1
1,2-Dichloroethane-d4 (Surr)	104		67 - 130		02/16/11 04:02	1

**Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		52		ug/L		02/15/11 16:10	02/16/11 16:10	1
Motor Oil Range Organics [C24-C36]	ND		100		ug/L		02/15/11 16:10	02/16/11 16:10	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Capric Acid (Surr)	1		0 - 5	02/15/11 16:10	02/16/11 16:10	1
p-Terphenyl	88		31 - 150	02/15/11 16:10	02/16/11 16:10	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	ND		5.5		mg/L		02/18/11 09:21	02/18/11 13:08	1

**Client Sample ID: TB-1**  
**Date Collected: 02/14/11 09:00**  
**Date Received: 02/15/11 11:30**

**Lab Sample ID: 720-33350-7**  
**Matrix: Water**

**Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.50		ug/L			02/15/11 21:01	1
MTBE	ND		0.50		ug/L			02/15/11 21:01	1
1,1-Dichloroethane	ND		0.50		ug/L			02/15/11 21:01	1
Dichlorodifluoromethane	ND		0.50		ug/L			02/15/11 21:01	1
Vinyl chloride	ND		0.50		ug/L			02/15/11 21:01	1
Chloroethane	ND		1.0		ug/L			02/15/11 21:01	1
Trichlorofluoromethane	ND		1.0		ug/L			02/15/11 21:01	1

# Analytical Data

Client: ACC Environmental Consultants  
 Project/Site: USF Roadway Express, Oakland

TestAmerica Job ID: 720-33350-1

**Client Sample ID: TB-1**  
**Date Collected: 02/14/11 09:00**  
**Date Received: 02/15/11 11:30**

**Lab Sample ID: 720-33350-7**  
**Matrix: Water**

**Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		5.0		ug/L			02/15/11 21:01	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			02/15/11 21:01	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			02/15/11 21:01	1
Chloroform	ND		1.0		ug/L			02/15/11 21:01	1
1,1,1-Trichloroethane	ND		0.50		ug/L			02/15/11 21:01	1
Carbon tetrachloride	ND		0.50		ug/L			02/15/11 21:01	1
1,2-Dichloroethane	ND		0.50		ug/L			02/15/11 21:01	1
Trichloroethene	ND		0.50		ug/L			02/15/11 21:01	1
1,2-Dichloropropane	ND		0.50		ug/L			02/15/11 21:01	1
Dichlorobromomethane	ND		0.50		ug/L			02/15/11 21:01	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			02/15/11 21:01	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			02/15/11 21:01	1
1,1,2-Trichloroethane	ND		0.50		ug/L			02/15/11 21:01	1
Tetrachloroethene	ND		0.50		ug/L			02/15/11 21:01	1
Chlorodibromomethane	ND		0.50		ug/L			02/15/11 21:01	1
Chlorobenzene	ND		0.50		ug/L			02/15/11 21:01	1
Bromoform	ND		1.0		ug/L			02/15/11 21:01	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			02/15/11 21:01	1
1,3-Dichlorobenzene	ND		0.50		ug/L			02/15/11 21:01	1
1,4-Dichlorobenzene	ND		0.50		ug/L			02/15/11 21:01	1
1,2-Dichlorobenzene	ND		0.50		ug/L			02/15/11 21:01	1
Chloromethane	ND		1.0		ug/L			02/15/11 21:01	1
Bromomethane	ND		1.0		ug/L			02/15/11 21:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			02/15/11 21:01	1
EDB	ND		0.50		ug/L			02/15/11 21:01	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			02/15/11 21:01	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			02/15/11 21:01	1
TBA	ND		4.0		ug/L			02/15/11 21:01	1
DIPE	ND		0.50		ug/L			02/15/11 21:01	1
TAME	ND		0.50		ug/L			02/15/11 21:01	1
Ethyl tert-butyl ether	ND		0.50		ug/L			02/15/11 21:01	1
Benzene	ND		0.50		ug/L			02/15/11 21:01	1
Toluene	ND		0.50		ug/L			02/15/11 21:01	1
Ethylbenzene	ND		0.50		ug/L			02/15/11 21:01	1
Xylenes, Total	ND		1.0		ug/L			02/15/11 21:01	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	96		70 - 130					02/15/11 21:01	1
4-Bromofluorobenzene	98		67 - 130					02/15/11 21:01	1
1,2-Dichloroethane-d4 (Surr)	100		67 - 130					02/15/11 21:01	1

# Quality Control Data

Client: ACC Environmental Consultants  
 Project/Site: USF Roadway Express, Oakland

TestAmerica Job ID: 720-33350-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS

**Lab Sample ID: MB 720-86290/5**

**Matrix: Water**

**Analysis Batch: 86290**

**Client Sample ID: MB 720-86290/5**

**Prep Type: Total/NA**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1-Dichloroethene	ND		0.50		ug/L			02/15/11 17:47	1
MTBE	ND		0.50		ug/L			02/15/11 17:47	1
1,1-Dichloroethane	ND		0.50		ug/L			02/15/11 17:47	1
Dichlorodifluoromethane	ND		0.50		ug/L			02/15/11 17:47	1
Vinyl chloride	ND		0.50		ug/L			02/15/11 17:47	1
Chloroethane	ND		1.0		ug/L			02/15/11 17:47	1
Trichlorofluoromethane	ND		1.0		ug/L			02/15/11 17:47	1
Methylene Chloride	ND		5.0		ug/L			02/15/11 17:47	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			02/15/11 17:47	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			02/15/11 17:47	1
Chloroform	ND		1.0		ug/L			02/15/11 17:47	1
1,1,1-Trichloroethane	ND		0.50		ug/L			02/15/11 17:47	1
Carbon tetrachloride	ND		0.50		ug/L			02/15/11 17:47	1
1,2-Dichloroethane	ND		0.50		ug/L			02/15/11 17:47	1
Trichloroethene	ND		0.50		ug/L			02/15/11 17:47	1
1,2-Dichloropropane	ND		0.50		ug/L			02/15/11 17:47	1
Dichlorobromomethane	ND		0.50		ug/L			02/15/11 17:47	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			02/15/11 17:47	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			02/15/11 17:47	1
1,1,2-Trichloroethane	ND		0.50		ug/L			02/15/11 17:47	1
Tetrachloroethene	ND		0.50		ug/L			02/15/11 17:47	1
Chlorodibromomethane	ND		0.50		ug/L			02/15/11 17:47	1
Chlorobenzene	ND		0.50		ug/L			02/15/11 17:47	1
Bromoform	ND		1.0		ug/L			02/15/11 17:47	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			02/15/11 17:47	1
1,3-Dichlorobenzene	ND		0.50		ug/L			02/15/11 17:47	1
1,4-Dichlorobenzene	ND		0.50		ug/L			02/15/11 17:47	1
1,2-Dichlorobenzene	ND		0.50		ug/L			02/15/11 17:47	1
Chloromethane	ND		1.0		ug/L			02/15/11 17:47	1
Bromomethane	ND		1.0		ug/L			02/15/11 17:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			02/15/11 17:47	1
EDB	ND		0.50		ug/L			02/15/11 17:47	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			02/15/11 17:47	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			02/15/11 17:47	1
TBA	ND		4.0		ug/L			02/15/11 17:47	1
DIPE	ND		0.50		ug/L			02/15/11 17:47	1
TAME	ND		0.50		ug/L			02/15/11 17:47	1
Ethyl tert-butyl ether	ND		0.50		ug/L			02/15/11 17:47	1
Benzene	ND		0.50		ug/L			02/15/11 17:47	1
Toluene	ND		0.50		ug/L			02/15/11 17:47	1
o-Xylene	ND		0.50		ug/L			02/15/11 17:47	1
Ethylbenzene	ND		0.50		ug/L			02/15/11 17:47	1
Xylenes, Total	ND		1.0		ug/L			02/15/11 17:47	1
m-Xylene & p-Xylene	ND		1.0		ug/L			02/15/11 17:47	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	% Recovery	Qualifier				
Toluene-d8 (Surr)	99		70 - 130		02/15/11 17:47	1
4-Bromofluorobenzene	100		67 - 130		02/15/11 17:47	1

# Quality Control Data

Client: ACC Environmental Consultants  
 Project/Site: USF Roadway Express, Oakland

TestAmerica Job ID: 720-33350-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

**Lab Sample ID: MB 720-86290/5**  
**Matrix: Water**  
**Analysis Batch: 86290**

**Client Sample ID: MB 720-86290/5**  
**Prep Type: Total/NA**

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	% Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	99		67 - 130		02/15/11 17:47	1

**Lab Sample ID: LCS 720-86290/6**  
**Matrix: Water**  
**Analysis Batch: 86290**

**Client Sample ID: LCS 720-86290/6**  
**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
MTBE	25.0	26.3		ug/L		105	62 - 130
1,1-Dichloroethane	25.0	25.1		ug/L		100	70 - 130
Dichlorodifluoromethane	25.0	22.1		ug/L		88	33 - 125
Vinyl chloride	25.0	24.1		ug/L		96	65 - 156
Chloroethane	25.0	25.9		ug/L		104	62 - 138
Trichlorofluoromethane	25.0	26.8		ug/L		107	74 - 146
Methylene Chloride	25.0	20.1		ug/L		80	73 - 147
trans-1,2-Dichloroethene	25.0	22.4		ug/L		89	75 - 131
cis-1,2-Dichloroethene	25.0	29.1		ug/L		116	70 - 130
Chloroform	25.0	25.2		ug/L		101	70 - 130
1,1,1-Trichloroethane	25.0	25.8		ug/L		103	70 - 130
Carbon tetrachloride	25.0	26.8		ug/L		107	77 - 146
1,2-Dichloroethane	25.0	25.4		ug/L		102	70 - 126
Trichloroethene	25.0	25.7		ug/L		103	70 - 130
1,2-Dichloropropane	25.0	25.2		ug/L		101	70 - 130
Dichlorobromomethane	25.0	26.4		ug/L		106	70 - 130
trans-1,3-Dichloropropene	25.0	27.1		ug/L		109	83 - 140
cis-1,3-Dichloropropene	25.0	27.4		ug/L		110	88 - 137
1,1,2-Trichloroethane	25.0	26.5		ug/L		106	82 - 128
Tetrachloroethene	25.0	26.1		ug/L		104	70 - 130
Chlorodibromomethane	25.0	26.7		ug/L		107	78 - 145
Chlorobenzene	25.0	25.7		ug/L		103	70 - 130
Bromoform	25.0	24.2		ug/L		97	68 - 136
1,1,2,2-Tetrachloroethane	25.0	27.1		ug/L		108	70 - 130
1,3-Dichlorobenzene	25.0	25.8		ug/L		103	70 - 130
1,4-Dichlorobenzene	25.0	25.6		ug/L		102	87 - 118
1,2-Dichlorobenzene	25.0	25.7		ug/L		103	70 - 130
Chloromethane	25.0	25.2		ug/L		101	52 - 175
Bromomethane	25.0	26.4		ug/L		105	43 - 151
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	25.2		ug/L		101	42 - 162
EDB	25.0	28.3		ug/L		113	70 - 130
1,2,4-Trichlorobenzene	25.0	27.2		ug/L		109	70 - 130
TBA	500	493		ug/L		99	82 - 116
DIPE	25.0	26.6		ug/L		106	74 - 155
TAME	25.0	28.6		ug/L		114	79 - 129
Ethyl tert-butyl ether	25.0	26.8		ug/L		107	70 - 130
Benzene	25.0	25.9		ug/L		104	82 - 127
Toluene	25.0	25.9		ug/L		103	83 - 129
o-Xylene	25.0	26.3		ug/L		105	89 - 136
Ethylbenzene	25.0	25.4		ug/L		102	86 - 135
m-Xylene & p-Xylene	50.0	51.4		ug/L		103	70 - 142

# Quality Control Data

Client: ACC Environmental Consultants  
 Project/Site: USF Roadway Express, Oakland

TestAmerica Job ID: 720-33350-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

**Lab Sample ID: LCS 720-86290/6**

**Matrix: Water**

**Analysis Batch: 86290**

**Client Sample ID: LCS 720-86290/6**

**Prep Type: Total/NA**

Surrogate	LCS LCS		Limits
	% Recovery	Qualifier	
Toluene-d8 (Surr)	100		70 - 130
4-Bromofluorobenzene	100		67 - 130
1,2-Dichloroethane-d4 (Surr)	100		67 - 130

**Lab Sample ID: LCSD 720-86290/7**

**Matrix: Water**

**Analysis Batch: 86290**

**Client Sample ID: LCSD 720-86290/7**

**Prep Type: Total/NA**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec.		RPD	RPD Limit
							Limits	RPD		
1,1-Dichloroethene	25.0	25.3		ug/L		101	64 - 128	1	20	
MTBE	25.0	25.5		ug/L		102	62 - 130	3	20	
1,1-Dichloroethane	25.0	24.8		ug/L		99	70 - 130	1	20	
Dichlorodifluoromethane	25.0	22.1		ug/L		88	33 - 125	0	20	
Vinyl chloride	25.0	24.6		ug/L		98	65 - 156	2	20	
Chloroethane	25.0	26.2		ug/L		105	62 - 138	1	20	
Trichlorofluoromethane	25.0	26.4		ug/L		106	74 - 146	1	20	
Methylene Chloride	25.0	19.6		ug/L		78	73 - 147	2	20	
trans-1,2-Dichloroethene	25.0	22.3		ug/L		89	75 - 131	1	20	
cis-1,2-Dichloroethene	25.0	28.7		ug/L		115	70 - 130	1	20	
Chloroform	25.0	24.8		ug/L		99	70 - 130	1	20	
1,1,1-Trichloroethane	25.0	25.7		ug/L		103	70 - 130	0	20	
Carbon tetrachloride	25.0	26.8		ug/L		107	77 - 146	0	20	
1,2-Dichloroethane	25.0	25.0		ug/L		100	70 - 126	1	20	
Trichloroethene	25.0	25.6		ug/L		102	70 - 130	1	20	
1,2-Dichloropropane	25.0	25.1		ug/L		100	70 - 130	1	20	
Dichlorobromomethane	25.0	25.8		ug/L		103	70 - 130	2	20	
trans-1,3-Dichloropropene	25.0	26.6		ug/L		107	83 - 140	2	20	
cis-1,3-Dichloropropene	25.0	26.8		ug/L		107	88 - 137	2	20	
1,1,2-Trichloroethane	25.0	25.9		ug/L		104	82 - 128	2	20	
Tetrachloroethene	25.0	25.9		ug/L		104	70 - 130	1	20	
Chlorodibromomethane	25.0	26.1		ug/L		104	78 - 145	2	20	
Chlorobenzene	25.0	25.5		ug/L		102	70 - 130	1	20	
Bromoform	25.0	23.9		ug/L		95	68 - 136	2	20	
1,1,2,2-Tetrachloroethane	25.0	26.5		ug/L		106	70 - 130	2	20	
1,3-Dichlorobenzene	25.0	25.4		ug/L		102	70 - 130	1	20	
1,4-Dichlorobenzene	25.0	25.4		ug/L		101	87 - 118	1	20	
1,2-Dichlorobenzene	25.0	25.5		ug/L		102	70 - 130	1	20	
Chloromethane	25.0	25.4		ug/L		101	52 - 175	1	20	
Bromomethane	25.0	26.4		ug/L		106	43 - 151	0	20	
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	25.3		ug/L		101	42 - 162	0	20	
EDB	25.0	27.7		ug/L		111	70 - 130	2	20	
1,2,4-Trichlorobenzene	25.0	27.0		ug/L		108	70 - 130	1	20	
TBA	500	478		ug/L		96	82 - 116	3	20	
DIPE	25.0	25.8		ug/L		103	74 - 155	3	20	
TAME	25.0	27.8		ug/L		111	79 - 129	3	20	
Ethyl tert-butyl ether	25.0	25.7		ug/L		103	70 - 130	4	20	
Benzene	25.0	25.6		ug/L		102	82 - 127	1	20	
Toluene	25.0	26.0		ug/L		104	83 - 129	0	20	
o-Xylene	25.0	26.2		ug/L		105	89 - 136	0	20	



# Quality Control Data

Client: ACC Environmental Consultants  
 Project/Site: USF Roadway Express, Oakland

TestAmerica Job ID: 720-33350-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

**Lab Sample ID: LCSD 720-86290/7**

**Matrix: Water**

**Analysis Batch: 86290**

**Client Sample ID: LCSD 720-86290/7**

**Prep Type: Total/NA**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Ethylbenzene	25.0	25.4		ug/L		101	86 - 135	0	20
m-Xylene & p-Xylene	50.0	51.6		ug/L		103	70 - 142	0	20

Surrogate	LCSD % Recovery	LCSD Qualifier	Limits
Toluene-d8 (Surr)	99		70 - 130
4-Bromofluorobenzene	99		67 - 130
1,2-Dichloroethane-d4 (Surr)	98		67 - 130

**Lab Sample ID: 720-33350-1 MS**

**Matrix: Water**

**Analysis Batch: 86290**

**Client Sample ID: MW-3**

**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
1,1-Dichloroethene	ND		25.0	25.5		ug/L		102	60 - 140
MTBE	ND		25.0	24.1		ug/L		97	60 - 138
1,1-Dichloroethane	ND		25.0	25.3		ug/L		101	60 - 140
Dichlorodifluoromethane	ND		25.0	28.5		ug/L		114	38 - 140
Vinyl chloride	ND		25.0	27.3		ug/L		109	58 - 140
Chloroethane	ND		25.0	27.1		ug/L		108	51 - 140
Trichlorofluoromethane	ND		25.0	29.0		ug/L		116	60 - 140
Methylene Chloride	ND		25.0	19.7		ug/L		79	40 - 140
trans-1,2-Dichloroethene	ND		25.0	25.4		ug/L		102	60 - 140
cis-1,2-Dichloroethene	ND		25.0	25.2		ug/L		101	60 - 140
Chloroform	ND		25.0	25.4		ug/L		102	60 - 140
1,1,1-Trichloroethane	ND		25.0	26.5		ug/L		106	60 - 140
Carbon tetrachloride	ND		25.0	27.7		ug/L		111	60 - 140
1,2-Dichloroethane	ND		25.0	25.3		ug/L		101	60 - 140
Trichloroethene	ND		25.0	25.6		ug/L		102	60 - 140
1,2-Dichloropropane	ND		25.0	24.4		ug/L		98	60 - 140
Dichlorobromomethane	ND		25.0	24.4		ug/L		98	60 - 140
trans-1,3-Dichloropropene	ND		25.0	24.8		ug/L		99	60 - 140
cis-1,3-Dichloropropene	ND		25.0	25.7		ug/L		103	60 - 140
1,1,2-Trichloroethane	ND		25.0	25.1		ug/L		101	60 - 140
Tetrachloroethene	ND		25.0	26.2		ug/L		105	60 - 140
Chlorodibromomethane	ND		25.0	24.8		ug/L		99	60 - 140
Chlorobenzene	ND		25.0	25.3		ug/L		101	60 - 140
Bromoform	ND		25.0	23.1		ug/L		92	56 - 140
1,1,2,2-Tetrachloroethane	ND		25.0	28.2		ug/L		113	60 - 140
1,3-Dichlorobenzene	ND		25.0	25.2		ug/L		101	60 - 140
1,4-Dichlorobenzene	ND		25.0	25.5		ug/L		102	60 - 140
1,2-Dichlorobenzene	ND		25.0	25.2		ug/L		101	60 - 140
Chloromethane	ND		25.0	26.6		ug/L		106	52 - 140
Bromomethane	ND		25.0	24.7		ug/L		99	23 - 140
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	26.6		ug/L		106	60 - 140
EDB	ND		25.0	26.5		ug/L		106	60 - 140
1,2,4-Trichlorobenzene	ND		25.0	26.1		ug/L		104	60 - 140
TBA	ND		500	538		ug/L		108	60 - 140
DIPE	ND		25.0	24.7		ug/L		99	60 - 140
TAME	ND		25.0	24.6		ug/L		98	60 - 140

# Quality Control Data

Client: ACC Environmental Consultants  
 Project/Site: USF Roadway Express, Oakland

TestAmerica Job ID: 720-33350-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

**Lab Sample ID: 720-33350-1 MS**

**Matrix: Water**

**Analysis Batch: 86290**

**Client Sample ID: MW-3**

**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Ethyl tert-butyl ether	ND		25.0	24.7		ug/L		99	60 - 140
<b>Surrogate</b>	<b>% Recovery</b>	<b>MS Qualifier</b>	<b>Limits</b>						
Toluene-d8 (Surr)	99		70 - 130						
4-Bromofluorobenzene	97		67 - 130						
1,2-Dichloroethane-d4 (Surr)	100		67 - 130						

**Lab Sample ID: 720-33350-1 MSD**

**Matrix: Water**

**Analysis Batch: 86290**

**Client Sample ID: MW-3**

**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
1,1-Dichloroethene	ND		25.0	24.3		ug/L		97	60 - 140	5	20
MTBE	ND		25.0	24.3		ug/L		97	60 - 138	1	20
1,1-Dichloroethane	ND		25.0	24.8		ug/L		99	60 - 140	2	20
Dichlorodifluoromethane	ND		25.0	26.4		ug/L		106	38 - 140	8	20
Vinyl chloride	ND		25.0	26.7		ug/L		107	58 - 140	2	20
Chloroethane	ND		25.0	26.3		ug/L		105	51 - 140	3	20
Trichlorofluoromethane	ND		25.0	27.5		ug/L		110	60 - 140	5	20
Methylene Chloride	ND		25.0	19.3		ug/L		77	40 - 140	2	20
trans-1,2-Dichloroethene	ND		25.0	24.4		ug/L		98	60 - 140	4	20
cis-1,2-Dichloroethene	ND		25.0	24.7		ug/L		99	60 - 140	2	20
Chloroform	ND		25.0	25.0		ug/L		100	60 - 140	2	20
1,1,1-Trichloroethane	ND		25.0	26.0		ug/L		104	60 - 140	2	20
Carbon tetrachloride	ND		25.0	26.9		ug/L		108	60 - 140	3	20
1,2-Dichloroethane	ND		25.0	25.2		ug/L		101	60 - 140	1	20
Trichloroethene	ND		25.0	25.2		ug/L		101	60 - 140	1	20
1,2-Dichloropropane	ND		25.0	24.3		ug/L		97	60 - 140	1	20
Dichlorobromomethane	ND		25.0	24.9		ug/L		100	60 - 140	2	20
trans-1,3-Dichloropropene	ND		25.0	24.9		ug/L		100	60 - 140	0	20
cis-1,3-Dichloropropene	ND		25.0	25.7		ug/L		103	60 - 140	0	20
1,1,2-Trichloroethane	ND		25.0	25.2		ug/L		101	60 - 140	0	20
Tetrachloroethene	ND		25.0	25.7		ug/L		103	60 - 140	2	20
Chlorodibromomethane	ND		25.0	25.3		ug/L		101	60 - 140	2	20
Chlorobenzene	ND		25.0	25.2		ug/L		101	60 - 140	0	20
Bromoform	ND		25.0	23.5		ug/L		94	56 - 140	2	20
1,1,2,2-Tetrachloroethane	ND		25.0	27.3		ug/L		109	60 - 140	3	20
1,3-Dichlorobenzene	ND		25.0	25.5		ug/L		102	60 - 140	1	20
1,4-Dichlorobenzene	ND		25.0	25.6		ug/L		102	60 - 140	0	20
1,2-Dichlorobenzene	ND		25.0	25.7		ug/L		103	60 - 140	2	20
Chloromethane	ND		25.0	25.4		ug/L		102	52 - 140	4	20
Bromomethane	ND		25.0	24.6		ug/L		98	23 - 140	1	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	25.2		ug/L		101	60 - 140	5	20
EDB	ND		25.0	25.9		ug/L		103	60 - 140	2	20
1,2,4-Trichlorobenzene	ND		25.0	26.7		ug/L		107	60 - 140	3	20
TBA	ND		500	516		ug/L		103	60 - 140	4	20
DIPE	ND		25.0	24.9		ug/L		99	60 - 140	1	20
TAME	ND		25.0	24.5		ug/L		98	60 - 140	0	20
Ethyl tert-butyl ether	ND		25.0	25.3		ug/L		101	60 - 140	2	20

# Quality Control Data

Client: ACC Environmental Consultants  
 Project/Site: USF Roadway Express, Oakland

TestAmerica Job ID: 720-33350-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

**Lab Sample ID: 720-33350-1 MSD**  
**Matrix: Water**  
**Analysis Batch: 86290**

**Client Sample ID: MW-3**  
**Prep Type: Total/NA**

Surrogate	MSD MSD		Limits
	% Recovery	Qualifier	
Toluene-d8 (Surr)	99		70 - 130
4-Bromofluorobenzene	98		67 - 130
1,2-Dichloroethane-d4 (Surr)	100		67 - 130

## Method: 8015B - Diesel Range Organics (DRO) (GC)

**Lab Sample ID: MB 720-86278/1-A**  
**Matrix: Water**  
**Analysis Batch: 86306**

**Client Sample ID: MB 720-86278/1-A**  
**Prep Type: Silica Gel Cleanup**  
**Prep Batch: 86278**

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Diesel Range Organics [C10-C28]	ND		50		ug/L		02/15/11 13:09	02/16/11 10:19	1
Motor Oil Range Organics [C24-C36]	ND		99		ug/L		02/15/11 13:09	02/16/11 10:19	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	% Recovery	Qualifier				
Capric Acid (Surr)	0.2		0 - 5	02/15/11 13:09	02/16/11 10:19	1
p-Terphenyl	87		31 - 150	02/15/11 13:09	02/16/11 10:19	1

**Lab Sample ID: LCS 720-86278/2-A**  
**Matrix: Water**  
**Analysis Batch: 86306**

**Client Sample ID: LCS 720-86278/2-A**  
**Prep Type: Silica Gel Cleanup**  
**Prep Batch: 86278**

Analyte	Spike Added	LCS LCS		Unit	D	% Rec	% Rec. Limits
		Result	Qualifier				
Diesel Range Organics [C10-C28]	2500	1550		ug/L		62	32 - 119

Surrogate	LCS LCS		Limits
	% Recovery	Qualifier	
p-Terphenyl	107		31 - 150

**Lab Sample ID: LCSD 720-86278/3-A**  
**Matrix: Water**  
**Analysis Batch: 86306**

**Client Sample ID: LCSD 720-86278/3-A**  
**Prep Type: Silica Gel Cleanup**  
**Prep Batch: 86278**

Analyte	Spike Added	LCSD LCSD		Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
		Result	Qualifier						
Diesel Range Organics [C10-C28]	2500	1430		ug/L		57	32 - 119	8	35

Surrogate	LCSD LCSD		Limits
	% Recovery	Qualifier	
p-Terphenyl	101		31 - 150

## Method: 1664A - HEM and SGT-HEM

**Lab Sample ID: MB 500-105850/1-A**  
**Matrix: Water**  
**Analysis Batch: 105851**

**Client Sample ID: MB 500-105850/1-A**  
**Prep Type: Total/NA**  
**Prep Batch: 105850**

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
HEM (Oil & Grease)	ND		5.0		mg/L		02/18/11 06:35	02/18/11 12:20	1

# Quality Control Data

Client: ACC Environmental Consultants  
 Project/Site: USF Roadway Express, Oakland

TestAmerica Job ID: 720-33350-1

## Method: 1664A - HEM and SGT-HEM (Continued)

**Lab Sample ID: LCS 500-105850/2-A**  
**Matrix: Water**  
**Analysis Batch: 105851**

**Client Sample ID: LCS 500-105850/2-A**  
**Prep Type: Total/NA**  
**Prep Batch: 105850**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
HEM (Oil & Grease)	40.0	39.1		mg/L		98	78 - 114

**Lab Sample ID: 720-33350-1 MS**  
**Matrix: Water**  
**Analysis Batch: 105851**

**Client Sample ID: MW-3**  
**Prep Type: Total/NA**  
**Prep Batch: 105850**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
HEM (Oil & Grease)	ND		41.0	39.8		mg/L		97	78 - 114

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# QC Association Summary

Client: ACC Environmental Consultants  
 Project/Site: USF Roadway Express, Oakland

TestAmerica Job ID: 720-33350-1

## GC/MS VOA

### Analysis Batch: 86290

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33350-7	TB-1	Total/NA	Water	8260B/CA_LUF TMS	
720-33350-1	MW-3	Total/NA	Water	8260B/CA_LUF TMS	
720-33350-1 MS	MW-3	Total/NA	Water	8260B/CA_LUF TMS	
720-33350-1 MSD	MW-3	Total/NA	Water	8260B/CA_LUF TMS	
720-33350-2	MW-4	Total/NA	Water	8260B/CA_LUF TMS	
720-33350-3	MW-5	Total/NA	Water	8260B/CA_LUF TMS	
720-33350-4	MW-6	Total/NA	Water	8260B/CA_LUF TMS	
720-33350-5	MW-7	Total/NA	Water	8260B/CA_LUF TMS	
720-33350-6	MW-8	Total/NA	Water	8260B/CA_LUF TMS	
MB 720-86290/5	MB 720-86290/5	Total/NA	Water	8260B/CA_LUF TMS	
LCS 720-86290/6	LCS 720-86290/6	Total/NA	Water	8260B/CA_LUF TMS	
LCSD 720-86290/7	LCSD 720-86290/7	Total/NA	Water	8260B/CA_LUF TMS	

## GC Semi VOA

### Prep Batch: 86278

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86278/1-A	MB 720-86278/1-A	Silica Gel Cleanup	Water	3510C SGC	
720-33350-5	MW-7	Silica Gel Cleanup	Water	3510C SGC	
720-33350-6	MW-8	Silica Gel Cleanup	Water	3510C SGC	
LCS 720-86278/2-A	LCS 720-86278/2-A	Silica Gel Cleanup	Water	3510C SGC	
LCSD 720-86278/3-A	LCSD 720-86278/3-A	Silica Gel Cleanup	Water	3510C SGC	
720-33350-1	MW-3	Silica Gel Cleanup	Water	3510C SGC	
720-33350-2	MW-4	Silica Gel Cleanup	Water	3510C SGC	
720-33350-3	MW-5	Silica Gel Cleanup	Water	3510C SGC	
720-33350-4	MW-6	Silica Gel Cleanup	Water	3510C SGC	

### Analysis Batch: 86306

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-86278/2-A	LCS 720-86278/2-A	Silica Gel Cleanup	Water	8015B	86278
LCSD 720-86278/3-A	LCSD 720-86278/3-A	Silica Gel Cleanup	Water	8015B	86278
720-33350-1	MW-3	Silica Gel Cleanup	Water	8015B	86278
720-33350-2	MW-4	Silica Gel Cleanup	Water	8015B	86278
720-33350-3	MW-5	Silica Gel Cleanup	Water	8015B	86278
720-33350-4	MW-6	Silica Gel Cleanup	Water	8015B	86278
720-33350-5	MW-7	Silica Gel Cleanup	Water	8015B	86278
720-33350-6	MW-8	Silica Gel Cleanup	Water	8015B	86278
MB 720-86278/1-A	MB 720-86278/1-A	Silica Gel Cleanup	Water	8015B	86278

## General Chemistry

### Prep Batch: 105850

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-105850/1-A	MB 500-105850/1-A	Total/NA	Water	1664A	
720-33350-2	MW-4	Total/NA	Water	1664A	

# QC Association Summary

Client: ACC Environmental Consultants  
 Project/Site: USF Roadway Express, Oakland

TestAmerica Job ID: 720-33350-1

## General Chemistry (Continued)

### Prep Batch: 105850 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33350-3	MW-5	Total/NA	Water	1664A	
720-33350-4	MW-6	Total/NA	Water	1664A	
720-33350-5	MW-7	Total/NA	Water	1664A	
720-33350-6	MW-8	Total/NA	Water	1664A	
LCS 500-105850/2-A	LCS 500-105850/2-A	Total/NA	Water	1664A	
720-33350-1	MW-3	Total/NA	Water	1664A	
720-33350-1 MS	MW-3	Total/NA	Water	1664A	

### Analysis Batch: 105851

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-105850/1-A	MB 500-105850/1-A	Total/NA	Water	1664A	105850
720-33350-2	MW-4	Total/NA	Water	1664A	105850
720-33350-3	MW-5	Total/NA	Water	1664A	105850
720-33350-4	MW-6	Total/NA	Water	1664A	105850
720-33350-5	MW-7	Total/NA	Water	1664A	105850
720-33350-6	MW-8	Total/NA	Water	1664A	105850
LCS 500-105850/2-A	LCS 500-105850/2-A	Total/NA	Water	1664A	105850
720-33350-1	MW-3	Total/NA	Water	1664A	105850
720-33350-1 MS	MW-3	Total/NA	Water	1664A	105850

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# Lab Chronicle

Client: ACC Environmental Consultants  
 Project/Site: USF Roadway Express, Oakland

TestAmerica Job ID: 720-33350-1

## Client Sample ID: MW-3

Date Collected: 02/14/11 11:00

Date Received: 02/15/11 11:30

## Lab Sample ID: 720-33350-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUF TMS		1	86290	02/16/11 00:16	AC	TestAmerica San Francisco
Silica Gel Cleanup	Prep	3510C SGC			86278	02/15/11 16:10	NP	TestAmerica San Francisco
Silica Gel Cleanup	Analysis	8015B		1	86306	02/16/11 12:40	DH	TestAmerica San Francisco
Total/NA	Prep	1664A			105850	02/18/11 08:04	MTB	TestAmerica Chicago
Total/NA	Analysis	1664A		1	105851	02/18/11 12:45	MTB	TestAmerica Chicago

## Client Sample ID: MW-4

Date Collected: 02/14/11 14:50

Date Received: 02/15/11 11:30

## Lab Sample ID: 720-33350-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUF TMS		1	86290	02/16/11 01:53	AC	TestAmerica San Francisco
Silica Gel Cleanup	Prep	3510C SGC			86278	02/15/11 16:10	NP	TestAmerica San Francisco
Silica Gel Cleanup	Analysis	8015B		1	86306	02/16/11 13:03	DH	TestAmerica San Francisco
Total/NA	Prep	1664A			105850	02/18/11 08:30	MTB	TestAmerica Chicago
Total/NA	Analysis	1664A		1	105851	02/18/11 12:53	MTB	TestAmerica Chicago

## Client Sample ID: MW-5

Date Collected: 02/14/11 12:25

Date Received: 02/15/11 11:30

## Lab Sample ID: 720-33350-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUF TMS		1	86290	02/16/11 02:25	AC	TestAmerica San Francisco
Silica Gel Cleanup	Prep	3510C SGC			86278	02/15/11 16:10	NP	TestAmerica San Francisco
Silica Gel Cleanup	Analysis	8015B		1	86306	02/16/11 13:27	DH	TestAmerica San Francisco
Total/NA	Prep	1664A			105850	02/18/11 08:43	MTB	TestAmerica Chicago
Total/NA	Analysis	1664A		1	105851	02/18/11 12:56	MTB	TestAmerica Chicago

## Client Sample ID: MW-6

Date Collected: 02/14/11 11:50

Date Received: 02/15/11 11:30

## Lab Sample ID: 720-33350-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUF TMS		1	86290	02/16/11 02:57	AC	TestAmerica San Francisco
Silica Gel Cleanup	Prep	3510C SGC			86278	02/15/11 16:10	NP	TestAmerica San Francisco
Silica Gel Cleanup	Analysis	8015B		1	86306	02/16/11 13:50	DH	TestAmerica San Francisco
Total/NA	Prep	1664A			105850	02/18/11 08:56	MTB	TestAmerica Chicago
Total/NA	Analysis	1664A		1	105851	02/18/11 13:00	MTB	TestAmerica Chicago

# Lab Chronicle

Client: ACC Environmental Consultants  
Project/Site: USF Roadway Express, Oakland

TestAmerica Job ID: 720-33350-1

## Client Sample ID: MW-7

Date Collected: 02/14/11 10:00

Date Received: 02/15/11 11:30

Lab Sample ID: 720-33350-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUF TMS		1	86290	02/16/11 03:30	AC	TestAmerica San Francisco
Silica Gel Cleanup	Prep	3510C SGC			86278	02/15/11 16:10	NP	TestAmerica San Francisco
Silica Gel Cleanup	Analysis	8015B		1	86306	02/16/11 15:47	DH	TestAmerica San Francisco
Total/NA	Prep	1664A			105850	02/18/11 09:08	MTB	TestAmerica Chicago
Total/NA	Analysis	1664A		1	105851	02/18/11 13:04	MTB	TestAmerica Chicago

## Client Sample ID: MW-8

Date Collected: 02/14/11 13:40

Date Received: 02/15/11 11:30

Lab Sample ID: 720-33350-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUF TMS		1	86290	02/16/11 04:02	AC	TestAmerica San Francisco
Silica Gel Cleanup	Prep	3510C SGC			86278	02/15/11 16:10	NP	TestAmerica San Francisco
Silica Gel Cleanup	Analysis	8015B		1	86306	02/16/11 16:10	DH	TestAmerica San Francisco
Total/NA	Prep	1664A			105850	02/18/11 09:21	MTB	TestAmerica Chicago
Total/NA	Analysis	1664A		1	105851	02/18/11 13:08	MTB	TestAmerica Chicago

## Client Sample ID: TB-1

Date Collected: 02/14/11 09:00

Date Received: 02/15/11 11:30

Lab Sample ID: 720-33350-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUF TMS		1	86290	02/15/11 21:01	AC	TestAmerica San Francisco



# Certification Summary

Client: ACC Environmental Consultants  
 Project/Site: USF Roadway Express, Oakland

TestAmerica Job ID: 720-33350-1

Laboratory	Authority	Program	EPA Region	Certification ID	* Expiration Date
TestAmerica San Francisco	California	State Program	9	2496	01/31/12
TestAmerica Chicago		USDA		P330-09-00027	02/03/12
TestAmerica Chicago	ACLASS	DoD ELAP	0	ADE-1429	01/06/12
TestAmerica Chicago	ACLASS	ISO/IEC 17025	0	AT-1428	01/06/12
TestAmerica Chicago	Alabama	State Program	4	40461	04/30/11
TestAmerica Chicago	California	NELAC	9	01132CA	04/30/11
TestAmerica Chicago	Florida	NELAC	4	E871072	06/30/11
TestAmerica Chicago	Georgia	Georgia EPD	4	N/A	04/30/11
TestAmerica Chicago	Georgia	State Program	4	939	04/30/11
TestAmerica Chicago	Hawaii	State Program	9	N/A	04/30/11
TestAmerica Chicago	Illinois	NELAC	5	100201	04/30/11
TestAmerica Chicago	Indiana	State Program	5	C-IL-02	04/30/11
TestAmerica Chicago	Iowa	State Program	7	82	05/01/12
TestAmerica Chicago	Kansas	NELAC	7	E-10161	10/31/11
TestAmerica Chicago	Kentucky	Kentucky UST	4	66	05/13/11
TestAmerica Chicago	Kentucky	State Program	4	90023	12/31/11
TestAmerica Chicago	Louisiana	NELAC	6	30720	06/30/11
TestAmerica Chicago	Massachusetts	State Program	1	M-IL035	06/30/11
TestAmerica Chicago	Mississippi	State Program	4	N/A	04/30/11
TestAmerica Chicago	North Carolina	North Carolina DENR	4	291	12/31/11
TestAmerica Chicago	Oklahoma	State Program	6	8908	08/31/11
TestAmerica Chicago	South Carolina	State Program	4	77001	04/30/11
TestAmerica Chicago	Texas	NELAC	6	T104704252-09-TX	02/28/11
TestAmerica Chicago	Wisconsin	State Program	5	999580010	08/31/11
TestAmerica Chicago	Wyoming	State Program	8	8TMS-Q	04/30/11

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

\* Any expired certifications in this list are currently pending renewal and are considered valid.



# Method Summary

Client: ACC Environmental Consultants  
Project/Site: USF Roadway Express, Oakland

TestAmerica Job ID: 720-33350-1

Method	Method Description	Protocol	Laboratory
8260B/CA_LUFT MS	8260B / CA LUFT MS	SW846	TAL SF
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL SF
1664A	HEM and SGT-HEM	1664A	TAL CHI

**Protocol References:**

1664A = EPA-821-98-002

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

TAL SF = TestAmerica San Francisco, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919



# Sample Summary

Client: ACC Environmental Consultants  
Project/Site: USF Roadway Express, Oakland

TestAmerica Job ID: 720-33350-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-33350-1	MW-3	Water	02/14/11 11:00	02/15/11 11:30
720-33350-2	MW-4	Water	02/14/11 14:50	02/15/11 11:30
720-33350-3	MW-5	Water	02/14/11 12:25	02/15/11 11:30
720-33350-4	MW-6	Water	02/14/11 11:50	02/15/11 11:30
720-33350-5	MW-7	Water	02/14/11 10:00	02/15/11 11:30
720-33350-6	MW-8	Water	02/14/11 13:40	02/15/11 11:30
720-33350-7	TB-1	Water	02/14/11 09:00	02/15/11 11:30

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# BLAINE

1680 ROGERS AVENUE  
 SAN JOSE, CALIFORNIA 95112-1105  
 FAX (408) 573-7771  
 PHONE (408) 573-0555

TECH SERVICES, INC.

CHAIN OF CUSTODY  
 CLIENT: ACC Environmental  
 SITE: USF Roadway Express  
 1708 Wood St.  
 Oakland, CA

BTS # 110214-F51

SAMPLE I.D.	DATE	TIME	CONTAINERS	
			MATRIX	TOTAL
MW-3	2-14-11	1000	W	7
MW-4		1450		7
MW-5		1225		7
MW-6		1150		7
MW-7		1000		7
MW-8		1340		7
TB-1		900	V	2

VOPS +  
PAGES

C = COMPOSITE ALL CONTAINERS

70-33350

Test America - SF  
 ANALYSES MUST MEET SPECIFICATIONS AND DETECTION LIMITS SET BY CALIFORNIA DHS AND  
 EPA  RWQCB REGION  
 LIA  OTHER  
 SPECIAL INSTRUCTIONS  
 Invoice to: ACC Environmental  
 Attn: Julia Siudyla  
 Report to: Julia Siudyla; jsudyla@accenv.com

129665

DHS #  
 ADD'L INFORMATION STATUS CONDITION LAB SAMPLE #

SAMPLING COMPLETED	DATE	TIME	SAMPLING PERFORMED BY	DATE	TIME	RECEIVED BY	DATE	TIME	RESULTS NEEDED NO LATER THAN	Standard TAT
	2-14-11		G. SPINOWSKI	2-14-11	1700		2-14-11	1700		
RELEASED BY				2-15-11	0830		2-15-11	0830	TASE	
RELEASED BY				2-15-11	1130		2-15-11	1130	TASF	
SHIPPED VIA										

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## Sharma, Dimple

---

**From:** jsiudyla [jsiudyla@accenv.com]  
**Sent:** Thursday, February 24, 2011 2:24 PM  
**To:** Sharma, Dimple  
**Subject:** Re: Files from 720-33350-1 USF Roadway Express, Oakland

Dimple,  
Can you please report BTEX and MTBE on this?  
Julia Siudyla  
Staff Geologist  
ACC Environmental Consultants  
7977 Capwell Drive  
Oakland, CA 94621

ph: 510-638-8400 x110  
fax: 510-638-8404

jsiudyla@accenv.com

On Feb 22, 2011, at 4:41 PM, Sharma, Dimple wrote:

> <J33350-1 UDS Level 2 Report Final Report.pdf>

## Login Sample Receipt Check List

Client: ACC Environmental Consultants

Job Number: 720-33350-1

**Login Number: 33350**  
**Creator: Apostol, Anita**  
**List Number: 1**

**List Source: TestAmerica San Francisco**

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	



## Login Sample Receipt Check List

Client: ACC Environmental Consultants

Job Number: 720-33350-1

Login Number: 33350

Creator: Kelsey, Shawn M

List Number: 1

List Source: TestAmerica Chicago

List Creation: 02/16/11 10:53 AM

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

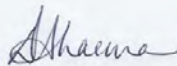
## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.  
TestAmerica San Francisco  
1220 Quarry Lane  
Pleasanton, CA 94566  
Tel: (925)484-1919

TestAmerica Job ID: 720-33377-1  
Client Project/Site: 1708 Wood PSAI

For:  
ACC Environmental Consultants  
7977 Capwell Drive  
Suite 100  
Oakland, California 94621

Attn: Environmental Scientist Julia Siudyla



Authorized for release by:  
2/23/2011 4:42 PM

Dimple Sharma  
Project Manager I  
[dimple.sharma@testamericainc.com](mailto:dimple.sharma@testamericainc.com)

### LINKS

Review your project  
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# Qualifier Definition/Glossary

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33377-1

## Qualifiers

### GC/MS Semi VOA

Qualifier	Qualifier Description
F	RPD of the MS and MSD exceeds the control limits
X	Surrogate is outside control limits

### GC Semi VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits

### General Chemistry

Qualifier	Qualifier Description
F	MS or MSD exceeds the control limits
H	Sample was prepped or analyzed beyond the specified holding time

## Glossary

Glossary	Glossary Description
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis.

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# Case Narrative

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33377-1

**Job ID: 720-33377-1**

**Laboratory: TestAmerica San Francisco**

## Narrative

### Job Narrative 720-33377-1

#### Comments

No additional comments.

#### Receipt

Did not receive water samples for SB-3.

The following samples were received outside of holding time: SB-1 and SB-2 for Cr6. (Did not receive SB-3)

All other samples were received in good condition within temperature requirements.

#### GC/MS VOA

No analytical or quality issues were noted.

#### GC/MS Semi VOA

Method 8270C: The matrix spike / matrix spike duplicate (MS/MSD) precision for batch #86362 was outside control limits. Non-homogeneity of the sample matrix is suspected. The associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision met acceptance criteria.

Method 8270C SIM: The following sample was diluted due to the abundance of non-target analytes: SB-3 (720-33377-5). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

#### GC Semi VOA

Method 8082: Surrogate recovery for the following sample was outside control limits: SB-1 (720-33377-2). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8082: Sample required TBA cleanup by method 3660B due to sample matrix interferences caused by sulfur.

No other analytical or quality issues were noted.

#### Metals

No analytical or quality issues were noted.

#### General Chemistry

Method 7196A: The hexavalent matrix spike / matrix spike duplicate (MS/MSD) and post digestion spike recoveries for batch 105915 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.SB-2 (720-33377-3)

Method 7196A: The following sample was filtered prior to analysis due to excessive cloudiness which interfered with the sample analysis 720-33377-2(SB-1) and 720-33377-4(SB-2).

No other analytical or quality issues were noted.

#### Organic Prep

No analytical or quality issues were noted.

# Detection Summary

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33377-1

## Client Sample ID: SB-1

## Lab Sample ID: 720-33377-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	17		9.9		ug/Kg	2		8270C SIM	Total/NA
Acenaphthylene	66		9.9		ug/Kg	2		8270C SIM	Total/NA
Fluorene	20		9.9		ug/Kg	2		8270C SIM	Total/NA
Phenanthrene	260		9.9		ug/Kg	2		8270C SIM	Total/NA
Anthracene	94		9.9		ug/Kg	2		8270C SIM	Total/NA
Benzo[a]anthracene	300		9.9		ug/Kg	2		8270C SIM	Total/NA
Chrysene	280		9.9		ug/Kg	2		8270C SIM	Total/NA
Benzo[a]pyrene	270		9.9		ug/Kg	2		8270C SIM	Total/NA
Benzo[b]fluoranthene	270		9.9		ug/Kg	2		8270C SIM	Total/NA
Benzo[k]fluoranthene	110		9.9		ug/Kg	2		8270C SIM	Total/NA
Benzo[g,h,i]perylene	120		9.9		ug/Kg	2		8270C SIM	Total/NA
Indeno[1,2,3-cd]pyrene	99		9.9		ug/Kg	2		8270C SIM	Total/NA
Fluoranthene	360		9.9		ug/Kg	2		8270C SIM	Total/NA
Pyrene	560		9.9		ug/Kg	2		8270C SIM	Total/NA
Dibenz(a,h)anthracene	37		9.9		ug/Kg	2		8270C SIM	Total/NA
Diesel Range Organics [C10-C28]	9.7		0.99		mg/Kg	1		8015B	Total/NA
Arsenic	11		3.8		mg/Kg	4		6010B	Total/NA
Barium	1000		1.9		mg/Kg	4		6010B	Total/NA
Cadmium	3.3		0.48		mg/Kg	4		6010B	Total/NA
Chromium	49		1.9		mg/Kg	4		6010B	Total/NA
Cobalt	10		0.76		mg/Kg	4		6010B	Total/NA
Copper	270		5.7		mg/Kg	4		6010B	Total/NA
Lead	780		1.9		mg/Kg	4		6010B	Total/NA
Nickel	60		1.9		mg/Kg	4		6010B	Total/NA
Silver	1.0		0.95		mg/Kg	4		6010B	Total/NA
Vanadium	25		1.9		mg/Kg	4		6010B	Total/NA
Zinc	1200		5.7		mg/Kg	4		6010B	Total/NA
Mercury	0.67		0.010		mg/Kg	1		7471A	Total/NA
HEM (Oil & Grease)	510		500		mg/Kg	1		9071B	Total/NA
Chloride	56		9.6		mg/Kg	1		300.0	Soluble

## Client Sample ID: SB-1

## Lab Sample ID: 720-33377-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	700		77		ug/L	1		8015B	Total/NA
Motor Oil Range Organics [C24-C36]	760		150		ug/L	1		8015B	Total/NA
Arsenic	0.13		0.010		mg/L	1		6010B	Total/NA
Barium	0.13		0.0050		mg/L	1		6010B	Total/NA
Zinc	0.056		0.020		mg/L	1		6010B	Total/NA
Chloride	380		100		mg/L	100		300.0	Total/NA

## Client Sample ID: SB-2

## Lab Sample ID: 720-33377-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	5.3		5.0		ug/Kg	1		8270C SIM	Total/NA
Phenanthrene	11		5.0		ug/Kg	1		8270C SIM	Total/NA
Anthracene	6.0		5.0		ug/Kg	1		8270C SIM	Total/NA
Benzo[a]anthracene	7.3		5.0		ug/Kg	1		8270C SIM	Total/NA
Chrysene	6.3		5.0		ug/Kg	1		8270C SIM	Total/NA
Benzo[a]pyrene	9.2		5.0		ug/Kg	1		8270C SIM	Total/NA
Benzo[b]fluoranthene	8.5		5.0		ug/Kg	1		8270C SIM	Total/NA
Benzo[g,h,i]perylene	7.0		5.0		ug/Kg	1		8270C SIM	Total/NA
Fluoranthene	12		5.0		ug/Kg	1		8270C SIM	Total/NA
Pyrene	16		5.0		ug/Kg	1		8270C SIM	Total/NA

# Detection Summary

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33377-1

## Client Sample ID: SB-2 (Continued)

Lab Sample ID: 720-33377-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	130		0.98		mg/Kg	1		8015B	Total/NA
Motor Oil Range Organics [C24-C36]	49		49		mg/Kg	1		8015B	Total/NA
Arsenic	4.8		3.8		mg/Kg	4		6010B	Total/NA
Barium	77		1.9		mg/Kg	4		6010B	Total/NA
Chromium	39		1.9		mg/Kg	4		6010B	Total/NA
Cobalt	5.5		0.76		mg/Kg	4		6010B	Total/NA
Copper	23		5.7		mg/Kg	4		6010B	Total/NA
Lead	44		1.9		mg/Kg	4		6010B	Total/NA
Nickel	31		1.9		mg/Kg	4		6010B	Total/NA
Vanadium	32		1.9		mg/Kg	4		6010B	Total/NA
Zinc	120		5.7		mg/Kg	4		6010B	Total/NA
Mercury	0.097		0.010		mg/Kg	1		7471A	Total/NA
HEM (Oil & Grease)	540		490		mg/Kg	1		9071B	Total/NA
Chloride	15		9.8		mg/Kg	1		300.0	Soluble

## Client Sample ID: SB-2

Lab Sample ID: 720-33377-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	1.0		0.17		ug/L	1		8270C SIM	Total/NA
Acenaphthene	0.92		0.17		ug/L	1		8270C SIM	Total/NA
Acenaphthylene	1.0		0.17		ug/L	1		8270C SIM	Total/NA
Fluorene	3.0		0.17		ug/L	1		8270C SIM	Total/NA
Phenanthrene	7.7		0.17		ug/L	1		8270C SIM	Total/NA
Anthracene	1.8		0.17		ug/L	1		8270C SIM	Total/NA
Benzo[a]anthracene	2.2		0.17		ug/L	1		8270C SIM	Total/NA
Chrysene	2.5		0.17		ug/L	1		8270C SIM	Total/NA
Benzo[a]pyrene	2.5		0.17		ug/L	1		8270C SIM	Total/NA
Benzo[b]fluoranthene	1.6		0.17		ug/L	1		8270C SIM	Total/NA
Benzo[k]fluoranthene	1.8		0.17		ug/L	1		8270C SIM	Total/NA
Benzo[g,h,i]perylene	1.5		0.17		ug/L	1		8270C SIM	Total/NA
Indeno[1,2,3-cd]pyrene	1.3		0.17		ug/L	1		8270C SIM	Total/NA
Fluoranthene	5.5		0.17		ug/L	1		8270C SIM	Total/NA
Pyrene	6.3		0.17		ug/L	1		8270C SIM	Total/NA
Dibenz(a,h)anthracene	0.29		0.17		ug/L	1		8270C SIM	Total/NA
Diesel Range Organics [C10-C28]	3400		74		ug/L	1		8015B	Total/NA
Motor Oil Range Organics [C24-C36]	2600		150		ug/L	1		8015B	Total/NA
Barium	0.065		0.0050		mg/L	1		6010B	Total/NA
Cobalt	0.0024		0.0020		mg/L	1		6010B	Total/NA
Molybdenum	0.011		0.010		mg/L	1		6010B	Total/NA
Zinc	0.025		0.020		mg/L	1		6010B	Total/NA
HEM (Oil & Grease)	6.5		4.7		mg/L	1		1664A	Total/NA
Chloride	35		10		mg/L	10		300.0	Total/NA

## Client Sample ID: SB-3

Lab Sample ID: 720-33377-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	21		0.98		mg/Kg	1		8015B	Total/NA
Motor Oil Range Organics [C24-C36]	61		49		mg/Kg	1		8015B	Total/NA
Arsenic	4.4		4.2		mg/Kg	4		6010B	Total/NA
Barium	21		2.1		mg/Kg	4		6010B	Total/NA
Chromium	40		2.1		mg/Kg	4		6010B	Total/NA
Cobalt	4.9		0.84		mg/Kg	4		6010B	Total/NA
Copper	16		6.3		mg/Kg	4		6010B	Total/NA
Lead	18		2.1		mg/Kg	4		6010B	Total/NA

# Detection Summary

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33377-1

**Client Sample ID: SB-3 (Continued)**

**Lab Sample ID: 720-33377-5**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	31		2.1		mg/Kg	4		6010B	Total/NA
Vanadium	29		2.1		mg/Kg	4		6010B	Total/NA
Zinc	48		6.3		mg/Kg	4		6010B	Total/NA
Mercury	0.037		0.0098		mg/Kg	1		7471A	Total/NA
HEM (Oil & Grease)	1000		490		mg/Kg	1		9071B	Total/NA
Chloride	94		9.6		mg/Kg	1		300.0	Soluble

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# Analytical Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33377-1

**Client Sample ID: SB-1**

**Lab Sample ID: 720-33377-1**

**Date Collected: 02/15/11 08:30**

**Matrix: Solid**

**Date Received: 02/16/11 11:15**

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		5.2		ug/Kg		02/16/11 17:00	02/16/11 17:24	1
Gasoline Range Organics (GRO) -C5-C12	ND		260		ug/Kg		02/16/11 17:00	02/16/11 17:24	1
Ethylbenzene	ND		5.2		ug/Kg		02/16/11 17:00	02/16/11 17:24	1
Ethanol	ND		100		ug/Kg		02/16/11 17:00	02/16/11 17:24	1
MTBE	ND		5.2		ug/Kg		02/16/11 17:00	02/16/11 17:24	1
TAME	ND		5.2		ug/Kg		02/16/11 17:00	02/16/11 17:24	1
Ethyl t-butyl ether	ND		5.2		ug/Kg		02/16/11 17:00	02/16/11 17:24	1
Toluene	ND		5.2		ug/Kg		02/16/11 17:00	02/16/11 17:24	1
EDB	ND		5.2		ug/Kg		02/16/11 17:00	02/16/11 17:24	1
Xylenes, Total	ND		10		ug/Kg		02/16/11 17:00	02/16/11 17:24	1
1,2-DCA	ND		5.2		ug/Kg		02/16/11 17:00	02/16/11 17:24	1
TBA	ND		10		ug/Kg		02/16/11 17:00	02/16/11 17:24	1
DIPE	ND		5.2		ug/Kg		02/16/11 17:00	02/16/11 17:24	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	98		65 - 117	02/16/11 17:00	02/16/11 17:24	1
1,2-Dichloroethane-d4 (Surr)	110		73 - 140	02/16/11 17:00	02/16/11 17:24	1
Toluene-d8 (Surr)	99		84 - 116	02/16/11 17:00	02/16/11 17:24	1

## Method: 8270C SIM - PAHs by GCMS (SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	17		9.9		ug/Kg		02/16/11 18:32	02/17/11 15:35	2
Acenaphthene	ND		9.9		ug/Kg		02/16/11 18:32	02/17/11 15:35	2
Acenaphthylene	66		9.9		ug/Kg		02/16/11 18:32	02/17/11 15:35	2
Fluorene	20		9.9		ug/Kg		02/16/11 18:32	02/17/11 15:35	2
Phenanthrene	260		9.9		ug/Kg		02/16/11 18:32	02/17/11 15:35	2
Anthracene	94		9.9		ug/Kg		02/16/11 18:32	02/17/11 15:35	2
Benzo[a]anthracene	300		9.9		ug/Kg		02/16/11 18:32	02/17/11 15:35	2
Chrysene	280		9.9		ug/Kg		02/16/11 18:32	02/17/11 15:35	2
Benzo[a]pyrene	270		9.9		ug/Kg		02/16/11 18:32	02/17/11 15:35	2
Benzo[b]fluoranthene	270		9.9		ug/Kg		02/16/11 18:32	02/17/11 15:35	2
Benzo[k]fluoranthene	110		9.9		ug/Kg		02/16/11 18:32	02/17/11 15:35	2
Benzo[g,h,i]perylene	120		9.9		ug/Kg		02/16/11 18:32	02/17/11 15:35	2
Indeno[1,2,3-cd]pyrene	99		9.9		ug/Kg		02/16/11 18:32	02/17/11 15:35	2
Fluoranthene	360		9.9		ug/Kg		02/16/11 18:32	02/17/11 15:35	2
Pyrene	560		9.9		ug/Kg		02/16/11 18:32	02/17/11 15:35	2
Dibenz(a,h)anthracene	37		9.9		ug/Kg		02/16/11 18:32	02/17/11 15:35	2

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	71		33 - 120	02/16/11 18:32	02/17/11 15:35	2
Terphenyl-d14	78		35 - 146	02/16/11 18:32	02/17/11 15:35	2

## Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		0.067		mg/Kg		02/16/11 18:34	02/17/11 14:36	1
Methylphenol, 3 & 4	ND		0.067		mg/Kg		02/16/11 18:34	02/17/11 14:36	1
Pentachlorophenol	ND		0.33		mg/Kg		02/16/11 18:34	02/17/11 14:36	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	80		28 - 98	02/16/11 18:34	02/17/11 14:36	1
Phenol-d5	80		23 - 101	02/16/11 18:34	02/17/11 14:36	1

# Analytical Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33377-1

**Client Sample ID: SB-1**

**Date Collected: 02/15/11 08:30**

**Date Received: 02/16/11 11:15**

**Lab Sample ID: 720-33377-1**

**Matrix: Solid**

**Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)**

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	87		37 - 114	02/16/11 18:34	02/17/11 14:36	1

**Method: 8015B - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	9.7		0.99		mg/Kg		02/16/11 16:19	02/17/11 00:53	1
Motor Oil Range Organics [C24-C36]	ND		49		mg/Kg		02/16/11 16:19	02/17/11 00:53	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	78		31 - 114	02/16/11 16:19	02/17/11 00:53	1

**Method: 8082\_ASP - Polychlorinated Biphenyls (PCBs) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		49		ug/Kg		02/16/11 16:21	02/17/11 16:18	1
PCB-1221	ND		49		ug/Kg		02/16/11 16:21	02/17/11 16:18	1
PCB-1232	ND		49		ug/Kg		02/16/11 16:21	02/17/11 16:18	1
PCB-1242	ND		49		ug/Kg		02/16/11 16:21	02/17/11 16:18	1
PCB-1248	ND		49		ug/Kg		02/16/11 16:21	02/17/11 16:18	1
PCB-1254	ND		49		ug/Kg		02/16/11 16:21	02/17/11 16:18	1
PCB-1260	ND		49		ug/Kg		02/16/11 16:21	02/17/11 16:18	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	78		32 - 112	02/16/11 16:21	02/17/11 16:18	1
DCB Decachlorobiphenyl	75		2 - 122	02/16/11 16:21	02/17/11 16:18	1

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.9		mg/Kg		02/22/11 09:39	02/22/11 15:16	4
Arsenic	11		3.8		mg/Kg		02/22/11 09:39	02/22/11 15:16	4
Barium	1000		1.9		mg/Kg		02/22/11 09:39	02/22/11 15:16	4
Beryllium	ND		0.38		mg/Kg		02/22/11 09:39	02/22/11 15:16	4
Cadmium	3.3		0.48		mg/Kg		02/22/11 09:39	02/22/11 15:16	4
Chromium	49		1.9		mg/Kg		02/22/11 09:39	02/22/11 15:16	4
Cobalt	10		0.76		mg/Kg		02/22/11 09:39	02/22/11 15:16	4
Copper	270		5.7		mg/Kg		02/22/11 09:39	02/22/11 15:16	4
Lead	780		1.9		mg/Kg		02/22/11 09:39	02/22/11 15:16	4
Molybdenum	ND		1.9		mg/Kg		02/22/11 09:39	02/22/11 15:16	4
Nickel	60		1.9		mg/Kg		02/22/11 09:39	02/22/11 15:16	4
Selenium	ND		3.8		mg/Kg		02/22/11 09:39	02/22/11 15:16	4
Silver	1.0		0.95		mg/Kg		02/22/11 09:39	02/22/11 15:16	4
Thallium	ND		1.9		mg/Kg		02/22/11 09:39	02/22/11 15:16	4
Vanadium	25		1.9		mg/Kg		02/22/11 09:39	02/22/11 15:16	4
Zinc	1200		5.7		mg/Kg		02/22/11 09:39	02/22/11 15:16	4

**Method: 7471A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.67		0.010		mg/Kg		02/22/11 10:50	02/22/11 16:21	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		0.94		mg/Kg		02/17/11 13:30	02/18/11 08:19	1
HEM (Oil & Grease)	510		500		mg/Kg		02/21/11 06:45	02/21/11 12:42	1



# Analytical Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33377-1

**Client Sample ID: SB-1**  
**Date Collected: 02/15/11 08:30**  
**Date Received: 02/16/11 11:15**

**Lab Sample ID: 720-33377-1**  
**Matrix: Solid**

## General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	56		9.6		mg/Kg			02/18/11 21:42	1

**Client Sample ID: SB-1**  
**Date Collected: 02/15/11 08:30**  
**Date Received: 02/16/11 11:15**

**Lab Sample ID: 720-33377-2**  
**Matrix: Water**

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			02/17/11 04:47	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			02/17/11 04:47	1
Ethylbenzene	ND		0.50		ug/L			02/17/11 04:47	1
Ethanol	ND		250		ug/L			02/17/11 04:47	1
MTBE	ND		0.50		ug/L			02/17/11 04:47	1
TAME	ND		0.50		ug/L			02/17/11 04:47	1
Ethyl t-butyl ether	ND		0.50		ug/L			02/17/11 04:47	1
Toluene	ND		0.50		ug/L			02/17/11 04:47	1
EDB	ND		0.50		ug/L			02/17/11 04:47	1
Xylenes, Total	ND		1.0		ug/L			02/17/11 04:47	1
1,2-DCA	ND		0.50		ug/L			02/17/11 04:47	1
TBA	ND		4.0		ug/L			02/17/11 04:47	1
DIPE	ND		0.50		ug/L			02/17/11 04:47	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	103		67 - 130		02/17/11 04:47	1
1,2-Dichloroethane-d4 (Surr)	114		67 - 130		02/17/11 04:47	1
Toluene-d8 (Surr)	100		70 - 130		02/17/11 04:47	1

## Method: 8270C SIM - PAHs by GCMS (SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		0.73		ug/L		02/22/11 16:24	02/23/11 12:02	1
Naphthalene	ND		0.24		ug/L		02/22/11 16:24	02/23/11 12:02	1
Acenaphthene	ND		0.24		ug/L		02/22/11 16:24	02/23/11 12:02	1
Acenaphthylene	ND		0.24		ug/L		02/22/11 16:24	02/23/11 12:02	1
Fluorene	ND		0.24		ug/L		02/22/11 16:24	02/23/11 12:02	1
Phenanthrene	ND		0.24		ug/L		02/22/11 16:24	02/23/11 12:02	1
Anthracene	ND		0.24		ug/L		02/22/11 16:24	02/23/11 12:02	1
Benzo[a]anthracene	ND		0.24		ug/L		02/22/11 16:24	02/23/11 12:02	1
Chrysene	ND		0.24		ug/L		02/22/11 16:24	02/23/11 12:02	1
Benzo[a]pyrene	ND		0.24		ug/L		02/22/11 16:24	02/23/11 12:02	1
Benzo[b]fluoranthene	ND		0.24		ug/L		02/22/11 16:24	02/23/11 12:02	1
Benzo[k]fluoranthene	ND		0.24		ug/L		02/22/11 16:24	02/23/11 12:02	1
Benzo[g,h,i]perylene	ND		0.24		ug/L		02/22/11 16:24	02/23/11 12:02	1
Indeno[1,2,3-cd]pyrene	ND		0.24		ug/L		02/22/11 16:24	02/23/11 12:02	1
Fluoranthene	ND		0.24		ug/L		02/22/11 16:24	02/23/11 12:02	1
Pyrene	ND		0.24		ug/L		02/22/11 16:24	02/23/11 12:02	1
Dibenz(a,h)anthracene	ND		0.24		ug/L		02/22/11 16:24	02/23/11 12:02	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	56		29 - 120	02/22/11 16:24	02/23/11 12:02	1
Terphenyl-d14	61		45 - 120	02/22/11 16:24	02/23/11 12:02	1

# Analytical Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33377-1

**Client Sample ID: SB-1**

**Lab Sample ID: 720-33377-2**

**Date Collected: 02/15/11 08:30**

**Matrix: Water**

**Date Received: 02/16/11 11:15**

**Method: 8270C - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		7.8		ug/L		02/17/11 13:39	02/18/11 14:06	1
Methylphenol, 3 & 4	ND		16		ug/L		02/17/11 13:39	02/18/11 14:06	1
Pentachlorophenol	ND		20		ug/L		02/17/11 13:39	02/18/11 14:06	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorophenol	22		10 - 65				02/17/11 13:39	02/18/11 14:06	1
Phenol-d5	19		10 - 46				02/17/11 13:39	02/18/11 14:06	1
2,4,6-Tribromophenol	43		34 - 131				02/17/11 13:39	02/18/11 14:06	1

**Method: 8015B - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Diesel Range Organics [C10-C28]</b>	<b>700</b>		77		ug/L		02/19/11 10:22	02/22/11 10:52	1
<b>Motor Oil Range Organics [C24-C36]</b>	<b>760</b>		150		ug/L		02/19/11 10:22	02/22/11 10:52	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
p-Terphenyl	55		23 - 156				02/19/11 10:22	02/22/11 10:52	1

**Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.56		ug/L		02/16/11 17:21	02/18/11 10:44	1
PCB-1221	ND		0.56		ug/L		02/16/11 17:21	02/18/11 10:44	1
PCB-1232	ND		0.56		ug/L		02/16/11 17:21	02/18/11 10:44	1
PCB-1242	ND		0.56		ug/L		02/16/11 17:21	02/18/11 10:44	1
PCB-1248	ND		0.56		ug/L		02/16/11 17:21	02/18/11 10:44	1
PCB-1254	ND		0.56		ug/L		02/16/11 17:21	02/18/11 10:44	1
PCB-1260	ND		0.56		ug/L		02/16/11 17:21	02/18/11 10:44	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	11	X	28 - 124				02/16/11 17:21	02/18/11 10:44	1
DCB Decachlorobiphenyl	2	X	5 - 122				02/16/11 17:21	02/18/11 10:44	1

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.010		mg/L		02/18/11 14:20	02/22/11 10:32	1
<b>Arsenic</b>	<b>0.13</b>		0.010		mg/L		02/18/11 14:20	02/22/11 10:32	1
<b>Barium</b>	<b>0.13</b>		0.0050		mg/L		02/18/11 14:20	02/22/11 10:32	1
Beryllium	ND		0.0020		mg/L		02/18/11 14:20	02/22/11 10:32	1
Cadmium	ND		0.0025		mg/L		02/18/11 14:20	02/22/11 10:32	1
Chromium	ND		0.010		mg/L		02/18/11 14:20	02/22/11 10:32	1
Cobalt	ND		0.0020		mg/L		02/18/11 14:20	02/22/11 10:32	1
Copper	ND		0.020		mg/L		02/18/11 14:20	02/22/11 10:32	1
Lead	ND		0.0050		mg/L		02/18/11 14:20	02/22/11 10:32	1
Molybdenum	ND		0.010		mg/L		02/18/11 14:20	02/22/11 10:32	1
Nickel	ND		0.010		mg/L		02/18/11 14:20	02/22/11 10:32	1
Selenium	ND		0.020		mg/L		02/18/11 14:20	02/22/11 10:32	1
Silver	ND		0.0050		mg/L		02/18/11 14:20	02/22/11 10:32	1
Thallium	ND		0.010		mg/L		02/18/11 14:20	02/22/11 10:32	1
Vanadium	ND		0.010		mg/L		02/18/11 14:20	02/22/11 10:32	1
<b>Zinc</b>	<b>0.056</b>		0.020		mg/L		02/18/11 14:20	02/22/11 10:32	1

# Analytical Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33377-1

## Client Sample ID: SB-1

Date Collected: 02/15/11 08:30

Date Received: 02/16/11 11:15

## Lab Sample ID: 720-33377-2

Matrix: Water

### Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		02/22/11 08:13	02/22/11 13:06	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	ND		7.4		mg/L		02/21/11 09:41	02/21/11 14:46	1
<b>Chloride</b>	<b>380</b>		100		mg/L			02/22/11 17:01	100
Cr (VI)	ND	H	0.010		mg/L			02/16/11 16:20	1

## Client Sample ID: SB-2

Date Collected: 02/15/11 10:00

Date Received: 02/16/11 11:15

## Lab Sample ID: 720-33377-3

Matrix: Solid

### Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		5.6		ug/Kg		02/16/11 17:00	02/16/11 17:57	1
Gasoline Range Organics (GRO) -C5-C12	ND		280		ug/Kg		02/16/11 17:00	02/16/11 17:57	1
Ethylbenzene	ND		5.6		ug/Kg		02/16/11 17:00	02/16/11 17:57	1
Ethanol	ND		110		ug/Kg		02/16/11 17:00	02/16/11 17:57	1
MTBE	ND		5.6		ug/Kg		02/16/11 17:00	02/16/11 17:57	1
TAME	ND		5.6		ug/Kg		02/16/11 17:00	02/16/11 17:57	1
Ethyl t-butyl ether	ND		5.6		ug/Kg		02/16/11 17:00	02/16/11 17:57	1
Toluene	ND		5.6		ug/Kg		02/16/11 17:00	02/16/11 17:57	1
EDB	ND		5.6		ug/Kg		02/16/11 17:00	02/16/11 17:57	1
Xylenes, Total	ND		11		ug/Kg		02/16/11 17:00	02/16/11 17:57	1
1,2-DCA	ND		5.6		ug/Kg		02/16/11 17:00	02/16/11 17:57	1
TBA	ND		11		ug/Kg		02/16/11 17:00	02/16/11 17:57	1
DIPE	ND		5.6		ug/Kg		02/16/11 17:00	02/16/11 17:57	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	96		65 - 117	02/16/11 17:00	02/16/11 17:57	1
1,2-Dichloroethane-d4 (Surr)	111		73 - 140	02/16/11 17:00	02/16/11 17:57	1
Toluene-d8 (Surr)	100		84 - 116	02/16/11 17:00	02/16/11 17:57	1

### Method: 8270C SIM - PAHs by GCMS (SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		5.0		ug/Kg		02/16/11 18:32	02/17/11 15:58	1
Acenaphthene	ND		5.0		ug/Kg		02/16/11 18:32	02/17/11 15:58	1
<b>Acenaphthylene</b>	<b>5.3</b>		5.0		ug/Kg		02/16/11 18:32	02/17/11 15:58	1
Fluorene	ND		5.0		ug/Kg		02/16/11 18:32	02/17/11 15:58	1
<b>Phenanthrene</b>	<b>11</b>		5.0		ug/Kg		02/16/11 18:32	02/17/11 15:58	1
<b>Anthracene</b>	<b>6.0</b>		5.0		ug/Kg		02/16/11 18:32	02/17/11 15:58	1
<b>Benzo[a]anthracene</b>	<b>7.3</b>		5.0		ug/Kg		02/16/11 18:32	02/17/11 15:58	1
<b>Chrysene</b>	<b>6.3</b>		5.0		ug/Kg		02/16/11 18:32	02/17/11 15:58	1
<b>Benzo[a]pyrene</b>	<b>9.2</b>		5.0		ug/Kg		02/16/11 18:32	02/17/11 15:58	1
<b>Benzo[b]fluoranthene</b>	<b>8.5</b>		5.0		ug/Kg		02/16/11 18:32	02/17/11 15:58	1
Benzo[k]fluoranthene	ND		5.0		ug/Kg		02/16/11 18:32	02/17/11 15:58	1
<b>Benzo[g,h,i]perylene</b>	<b>7.0</b>		5.0		ug/Kg		02/16/11 18:32	02/17/11 15:58	1
Indeno[1,2,3-cd]pyrene	ND		5.0		ug/Kg		02/16/11 18:32	02/17/11 15:58	1
<b>Fluoranthene</b>	<b>12</b>		5.0		ug/Kg		02/16/11 18:32	02/17/11 15:58	1
<b>Pyrene</b>	<b>16</b>		5.0		ug/Kg		02/16/11 18:32	02/17/11 15:58	1
Dibenz(a,h)anthracene	ND		5.0		ug/Kg		02/16/11 18:32	02/17/11 15:58	1

TestAmerica San Francisco

# Analytical Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33377-1

**Client Sample ID: SB-2**

**Date Collected: 02/15/11 10:00**

**Date Received: 02/16/11 11:15**

**Lab Sample ID: 720-33377-3**

**Matrix: Solid**

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	69		33 - 120	02/16/11 18:32	02/17/11 15:58	1
Terphenyl-d14	91		35 - 146	02/16/11 18:32	02/17/11 15:58	1

**Method: 8270C - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		0.066		mg/Kg		02/16/11 18:34	02/17/11 15:08	1
Methylphenol, 3 & 4	ND		0.066		mg/Kg		02/16/11 18:34	02/17/11 15:08	1
Pentachlorophenol	ND		0.33		mg/Kg		02/16/11 18:34	02/17/11 15:08	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	59		28 - 98	02/16/11 18:34	02/17/11 15:08	1
Phenol-d5	64		23 - 101	02/16/11 18:34	02/17/11 15:08	1
2,4,6-Tribromophenol	87		37 - 114	02/16/11 18:34	02/17/11 15:08	1

**Method: 8015B - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	130		0.98		mg/Kg		02/16/11 16:19	02/17/11 01:16	1
Motor Oil Range Organics [C24-C36]	49		49		mg/Kg		02/16/11 16:19	02/17/11 01:16	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	57		31 - 114	02/16/11 16:19	02/17/11 01:16	1

**Method: 8082\_ASP - Polychlorinated Biphenyls (PCBs) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50		ug/Kg		02/16/11 16:21	02/17/11 16:35	1
PCB-1221	ND		50		ug/Kg		02/16/11 16:21	02/17/11 16:35	1
PCB-1232	ND		50		ug/Kg		02/16/11 16:21	02/17/11 16:35	1
PCB-1242	ND		50		ug/Kg		02/16/11 16:21	02/17/11 16:35	1
PCB-1248	ND		50		ug/Kg		02/16/11 16:21	02/17/11 16:35	1
PCB-1254	ND		50		ug/Kg		02/16/11 16:21	02/17/11 16:35	1
PCB-1260	ND		50		ug/Kg		02/16/11 16:21	02/17/11 16:35	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	81		32 - 112	02/16/11 16:21	02/17/11 16:35	1
DCB Decachlorobiphenyl	78		2 - 122	02/16/11 16:21	02/17/11 16:35	1

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.9		mg/Kg		02/22/11 09:39	02/22/11 15:20	4
Arsenic	4.8		3.8		mg/Kg		02/22/11 09:39	02/22/11 15:20	4
Barium	77		1.9		mg/Kg		02/22/11 09:39	02/22/11 15:20	4
Beryllium	ND		0.38		mg/Kg		02/22/11 09:39	02/22/11 15:20	4
Cadmium	ND		0.48		mg/Kg		02/22/11 09:39	02/22/11 15:20	4
Chromium	39		1.9		mg/Kg		02/22/11 09:39	02/22/11 15:20	4
Cobalt	5.5		0.76		mg/Kg		02/22/11 09:39	02/22/11 15:20	4
Copper	23		5.7		mg/Kg		02/22/11 09:39	02/22/11 15:20	4
Lead	44		1.9		mg/Kg		02/22/11 09:39	02/22/11 15:20	4
Molybdenum	ND		1.9		mg/Kg		02/22/11 09:39	02/22/11 15:20	4
Nickel	31		1.9		mg/Kg		02/22/11 09:39	02/22/11 15:20	4
Selenium	ND		3.8		mg/Kg		02/22/11 09:39	02/22/11 15:20	4
Silver	ND		0.95		mg/Kg		02/22/11 09:39	02/22/11 15:20	4
Thallium	ND		1.9		mg/Kg		02/22/11 09:39	02/22/11 15:20	4

# Analytical Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33377-1

**Client Sample ID: SB-2**

Date Collected: 02/15/11 10:00

Date Received: 02/16/11 11:15

**Lab Sample ID: 720-33377-3**

Matrix: Solid

**Method: 6010B - Metals (ICP) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	32		1.9		mg/Kg		02/22/11 09:39	02/22/11 15:20	4
Zinc	120		5.7		mg/Kg		02/22/11 09:39	02/22/11 15:20	4

**Method: 7471A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.097		0.010		mg/Kg		02/22/11 10:50	02/22/11 16:23	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		0.93		mg/Kg		02/17/11 13:30	02/18/11 08:20	1
HEM (Oil & Grease)	540		490		mg/Kg		02/21/11 06:45	02/21/11 12:48	1

**General Chemistry - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15		9.8		mg/Kg			02/18/11 23:25	1

**Client Sample ID: SB-2**

Date Collected: 02/15/11 10:00

Date Received: 02/16/11 11:15

**Lab Sample ID: 720-33377-4**

Matrix: Water

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			02/17/11 05:20	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			02/17/11 05:20	1
Ethylbenzene	ND		0.50		ug/L			02/17/11 05:20	1
Ethanol	ND		250		ug/L			02/17/11 05:20	1
MTBE	ND		0.50		ug/L			02/17/11 05:20	1
TAME	ND		0.50		ug/L			02/17/11 05:20	1
Ethyl t-butyl ether	ND		0.50		ug/L			02/17/11 05:20	1
Toluene	ND		0.50		ug/L			02/17/11 05:20	1
EDB	ND		0.50		ug/L			02/17/11 05:20	1
Xylenes, Total	ND		1.0		ug/L			02/17/11 05:20	1
1,2-DCA	ND		0.50		ug/L			02/17/11 05:20	1
TBA	ND		4.0		ug/L			02/17/11 05:20	1
DIPE	ND		0.50		ug/L			02/17/11 05:20	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	102		67 - 130		02/17/11 05:20	1
1,2-Dichloroethane-d4 (Surr)	112		67 - 130		02/17/11 05:20	1
Toluene-d8 (Surr)	100		70 - 130		02/17/11 05:20	1

**Method: 8270C SIM - PAHs by GCMS (SIM)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		0.51		ug/L		02/22/11 16:24	02/23/11 12:25	1
Naphthalene	1.0		0.17		ug/L		02/22/11 16:24	02/23/11 12:25	1
Acenaphthene	0.92		0.17		ug/L		02/22/11 16:24	02/23/11 12:25	1
Acenaphthylene	1.0		0.17		ug/L		02/22/11 16:24	02/23/11 12:25	1
Fluorene	3.0		0.17		ug/L		02/22/11 16:24	02/23/11 12:25	1
Phenanthrene	7.7		0.17		ug/L		02/22/11 16:24	02/23/11 12:25	1
Anthracene	1.8		0.17		ug/L		02/22/11 16:24	02/23/11 12:25	1
Benzo[a]anthracene	2.2		0.17		ug/L		02/22/11 16:24	02/23/11 12:25	1

TestAmerica San Francisco

# Analytical Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33377-1

**Client Sample ID: SB-2**

Date Collected: 02/15/11 10:00

Date Received: 02/16/11 11:15

**Lab Sample ID: 720-33377-4**

Matrix: Water

## Method: 8270C SIM - PAHs by GCMS (SIM) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	2.5		0.17		ug/L		02/22/11 16:24	02/23/11 12:25	1
Benzo[a]pyrene	2.5		0.17		ug/L		02/22/11 16:24	02/23/11 12:25	1
Benzo[b]fluoranthene	1.6		0.17		ug/L		02/22/11 16:24	02/23/11 12:25	1
Benzo[k]fluoranthene	1.8		0.17		ug/L		02/22/11 16:24	02/23/11 12:25	1
Benzo[g,h,i]perylene	1.5		0.17		ug/L		02/22/11 16:24	02/23/11 12:25	1
Indeno[1,2,3-cd]pyrene	1.3		0.17		ug/L		02/22/11 16:24	02/23/11 12:25	1
Fluoranthene	5.5		0.17		ug/L		02/22/11 16:24	02/23/11 12:25	1
Pyrene	6.3		0.17		ug/L		02/22/11 16:24	02/23/11 12:25	1
Dibenz(a,h)anthracene	0.29		0.17		ug/L		02/22/11 16:24	02/23/11 12:25	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	49		29 - 120				02/22/11 16:24	02/23/11 12:25	1
Terphenyl-d14	61		45 - 120				02/22/11 16:24	02/23/11 12:25	1

## Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		5.7		ug/L		02/17/11 13:39	02/18/11 14:38	1
Methylphenol, 3 & 4	ND		11		ug/L		02/17/11 13:39	02/18/11 14:38	1
Pentachlorophenol	ND		14		ug/L		02/17/11 13:39	02/18/11 14:38	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorophenol	33		10 - 65				02/17/11 13:39	02/18/11 14:38	1
Phenol-d5	23		10 - 46				02/17/11 13:39	02/18/11 14:38	1
2,4,6-Tribromophenol	88		34 - 131				02/17/11 13:39	02/18/11 14:38	1

## Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	3400		74		ug/L		02/16/11 16:49	02/17/11 12:44	1
Motor Oil Range Organics [C24-C36]	2600		150		ug/L		02/16/11 16:49	02/17/11 12:44	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
p-Terphenyl	53		23 - 156				02/16/11 16:49	02/17/11 12:44	1

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.68		ug/L		02/16/11 17:21	02/18/11 11:01	1
PCB-1221	ND		0.68		ug/L		02/16/11 17:21	02/18/11 11:01	1
PCB-1232	ND		0.68		ug/L		02/16/11 17:21	02/18/11 11:01	1
PCB-1242	ND		0.68		ug/L		02/16/11 17:21	02/18/11 11:01	1
PCB-1248	ND		0.68		ug/L		02/16/11 17:21	02/18/11 11:01	1
PCB-1254	ND		0.68		ug/L		02/16/11 17:21	02/18/11 11:01	1
PCB-1260	ND		0.68		ug/L		02/16/11 17:21	02/18/11 11:01	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	76		28 - 124				02/16/11 17:21	02/18/11 11:01	1
DCB Decachlorobiphenyl	41		5 - 122				02/16/11 17:21	02/18/11 11:01	1

## Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.010		mg/L		02/18/11 14:20	02/22/11 10:36	1
Arsenic	ND		0.010		mg/L		02/18/11 14:20	02/22/11 10:36	1
Barium	0.065		0.0050		mg/L		02/18/11 14:20	02/22/11 10:36	1

# Analytical Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33377-1

**Client Sample ID: SB-2**

Date Collected: 02/15/11 10:00

Date Received: 02/16/11 11:15

**Lab Sample ID: 720-33377-4**

Matrix: Water

**Method: 6010B - Metals (ICP) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	ND		0.0020		mg/L		02/18/11 14:20	02/22/11 10:36	1
Cadmium	ND		0.0025		mg/L		02/18/11 14:20	02/22/11 10:36	1
Chromium	ND		0.010		mg/L		02/18/11 14:20	02/22/11 10:36	1
<b>Cobalt</b>	<b>0.0024</b>		0.0020		mg/L		02/18/11 14:20	02/22/11 10:36	1
Copper	ND		0.020		mg/L		02/18/11 14:20	02/22/11 10:36	1
Lead	ND		0.0050		mg/L		02/18/11 14:20	02/22/11 10:36	1
<b>Molybdenum</b>	<b>0.011</b>		0.010		mg/L		02/18/11 14:20	02/22/11 10:36	1
Nickel	ND		0.010		mg/L		02/18/11 14:20	02/22/11 10:36	1
Selenium	ND		0.020		mg/L		02/18/11 14:20	02/22/11 10:36	1
Silver	ND		0.0050		mg/L		02/18/11 14:20	02/22/11 10:36	1
Thallium	ND		0.010		mg/L		02/18/11 14:20	02/22/11 10:36	1
Vanadium	ND		0.010		mg/L		02/18/11 14:20	02/22/11 10:36	1
<b>Zinc</b>	<b>0.025</b>		0.020		mg/L		02/18/11 14:20	02/22/11 10:36	1

**Method: 7470A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		02/22/11 08:13	02/22/11 13:08	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>HEM (Oil &amp; Grease)</b>	<b>6.5</b>		4.7		mg/L		02/21/11 09:58	02/21/11 14:50	1
<b>Chloride</b>	<b>35</b>		10		mg/L			02/22/11 16:44	10
Cr (VI)	ND	H	0.010		mg/L			02/16/11 16:20	1

**Client Sample ID: SB-3**

Date Collected: 02/15/11 12:00

Date Received: 02/16/11 11:15

**Lab Sample ID: 720-33377-5**

Matrix: Solid

**Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		5.7		ug/Kg		02/16/11 17:00	02/16/11 18:28	1
Gasoline Range Organics (GRO) -C5-C12	ND		280		ug/Kg		02/16/11 17:00	02/16/11 18:28	1
Ethylbenzene	ND		5.7		ug/Kg		02/16/11 17:00	02/16/11 18:28	1
Ethanol	ND		110		ug/Kg		02/16/11 17:00	02/16/11 18:28	1
MTBE	ND		5.7		ug/Kg		02/16/11 17:00	02/16/11 18:28	1
TAME	ND		5.7		ug/Kg		02/16/11 17:00	02/16/11 18:28	1
Ethyl t-butyl ether	ND		5.7		ug/Kg		02/16/11 17:00	02/16/11 18:28	1
Toluene	ND		5.7		ug/Kg		02/16/11 17:00	02/16/11 18:28	1
EDB	ND		5.7		ug/Kg		02/16/11 17:00	02/16/11 18:28	1
Xylenes, Total	ND		11		ug/Kg		02/16/11 17:00	02/16/11 18:28	1
1,2-DCA	ND		5.7		ug/Kg		02/16/11 17:00	02/16/11 18:28	1
TBA	ND		11		ug/Kg		02/16/11 17:00	02/16/11 18:28	1
DIPE	ND		5.7		ug/Kg		02/16/11 17:00	02/16/11 18:28	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	94		65 - 117	02/16/11 17:00	02/16/11 18:28	1
1,2-Dichloroethane-d4 (Surr)	112		73 - 140	02/16/11 17:00	02/16/11 18:28	1
Toluene-d8 (Surr)	98		84 - 116	02/16/11 17:00	02/16/11 18:28	1

# Analytical Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33377-1

**Client Sample ID: SB-3**

**Date Collected: 02/15/11 12:00**

**Date Received: 02/16/11 11:15**

**Lab Sample ID: 720-33377-5**

**Matrix: Solid**

**Method: 8270C SIM - PAHs by GCMS (SIM)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		9.8		ug/Kg		02/16/11 18:32	02/17/11 17:08	2
Acenaphthene	ND		9.8		ug/Kg		02/16/11 18:32	02/17/11 17:08	2
Acenaphthylene	ND		9.8		ug/Kg		02/16/11 18:32	02/17/11 17:08	2
Fluorene	ND		9.8		ug/Kg		02/16/11 18:32	02/17/11 17:08	2
Phenanthrene	ND		9.8		ug/Kg		02/16/11 18:32	02/17/11 17:08	2
Anthracene	ND		9.8		ug/Kg		02/16/11 18:32	02/17/11 17:08	2
Benzo[a]anthracene	ND		9.8		ug/Kg		02/16/11 18:32	02/17/11 17:08	2
Chrysene	ND		9.8		ug/Kg		02/16/11 18:32	02/17/11 17:08	2
Benzo[a]pyrene	ND		9.8		ug/Kg		02/16/11 18:32	02/17/11 17:08	2
Benzo[b]fluoranthene	ND		9.8		ug/Kg		02/16/11 18:32	02/17/11 17:08	2
Benzo[k]fluoranthene	ND		9.8		ug/Kg		02/16/11 18:32	02/17/11 17:08	2
Benzo[g,h,i]perylene	ND		9.8		ug/Kg		02/16/11 18:32	02/17/11 17:08	2
Indeno[1,2,3-cd]pyrene	ND		9.8		ug/Kg		02/16/11 18:32	02/17/11 17:08	2
Fluoranthene	ND		9.8		ug/Kg		02/16/11 18:32	02/17/11 17:08	2
Pyrene	ND		9.8		ug/Kg		02/16/11 18:32	02/17/11 17:08	2
Dibenz(a,h)anthracene	ND		9.8		ug/Kg		02/16/11 18:32	02/17/11 17:08	2
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	57		33 - 120				02/16/11 18:32	02/17/11 17:08	2
Terphenyl-d14	71		35 - 146				02/16/11 18:32	02/17/11 17:08	2

**Method: 8270C - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		0.066		mg/Kg		02/16/11 18:34	02/17/11 15:41	1
Methylphenol, 3 & 4	ND		0.066		mg/Kg		02/16/11 18:34	02/17/11 15:41	1
Pentachlorophenol	ND		0.33		mg/Kg		02/16/11 18:34	02/17/11 15:41	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorophenol	79		28 - 98				02/16/11 18:34	02/17/11 15:41	1
Phenol-d5	80		23 - 101				02/16/11 18:34	02/17/11 15:41	1
2,4,6-Tribromophenol	85		37 - 114				02/16/11 18:34	02/17/11 15:41	1

**Method: 8015B - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Diesel Range Organics [C10-C28]</b>	<b>21</b>		0.98		mg/Kg		02/16/11 16:19	02/23/11 11:32	1
<b>Motor Oil Range Organics [C24-C36]</b>	<b>61</b>		49		mg/Kg		02/16/11 16:19	02/23/11 11:32	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
p-Terphenyl	59		31 - 114				02/16/11 16:19	02/23/11 11:32	1

**Method: 8082\_ASP - Polychlorinated Biphenyls (PCBs) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50		ug/Kg		02/16/11 16:21	02/17/11 17:15	1
PCB-1221	ND		50		ug/Kg		02/16/11 16:21	02/17/11 17:15	1
PCB-1232	ND		50		ug/Kg		02/16/11 16:21	02/17/11 17:15	1
PCB-1242	ND		50		ug/Kg		02/16/11 16:21	02/17/11 17:15	1
PCB-1248	ND		50		ug/Kg		02/16/11 16:21	02/17/11 17:15	1
PCB-1254	ND		50		ug/Kg		02/16/11 16:21	02/17/11 17:15	1
PCB-1260	ND		50		ug/Kg		02/16/11 16:21	02/17/11 17:15	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	82		32 - 112				02/16/11 16:21	02/17/11 17:15	1



# Analytical Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33377-1

**Client Sample ID: SB-3**

**Date Collected: 02/15/11 12:00**

**Date Received: 02/16/11 11:15**

**Lab Sample ID: 720-33377-5**

**Matrix: Solid**

**Method: 8082\_ASP - Polychlorinated Biphenyls (PCBs) (GC) (Continued)**

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	74		2 - 122	02/16/11 16:21	02/17/11 17:15	1

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.1		mg/Kg		02/22/11 09:39	02/22/11 15:24	4
<b>Arsenic</b>	<b>4.4</b>		4.2		mg/Kg		02/22/11 09:39	02/22/11 15:24	4
<b>Barium</b>	<b>21</b>		2.1		mg/Kg		02/22/11 09:39	02/22/11 15:24	4
Beryllium	ND		0.42		mg/Kg		02/22/11 09:39	02/22/11 15:24	4
Cadmium	ND		0.53		mg/Kg		02/22/11 09:39	02/22/11 15:24	4
<b>Chromium</b>	<b>40</b>		2.1		mg/Kg		02/22/11 09:39	02/22/11 15:24	4
<b>Cobalt</b>	<b>4.9</b>		0.84		mg/Kg		02/22/11 09:39	02/22/11 15:24	4
<b>Copper</b>	<b>16</b>		6.3		mg/Kg		02/22/11 09:39	02/22/11 15:24	4
<b>Lead</b>	<b>18</b>		2.1		mg/Kg		02/22/11 09:39	02/22/11 15:24	4
Molybdenum	ND		2.1		mg/Kg		02/22/11 09:39	02/22/11 15:24	4
<b>Nickel</b>	<b>31</b>		2.1		mg/Kg		02/22/11 09:39	02/22/11 15:24	4
Selenium	ND		4.2		mg/Kg		02/22/11 09:39	02/22/11 15:24	4
Silver	ND		1.1		mg/Kg		02/22/11 09:39	02/22/11 15:24	4
Thallium	ND		2.1		mg/Kg		02/22/11 09:39	02/22/11 15:24	4
<b>Vanadium</b>	<b>29</b>		2.1		mg/Kg		02/22/11 09:39	02/22/11 15:24	4
<b>Zinc</b>	<b>48</b>		6.3		mg/Kg		02/22/11 09:39	02/22/11 15:24	4

**Method: 7471A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.037</b>		0.0098		mg/Kg		02/22/11 10:50	02/22/11 16:25	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		0.89		mg/Kg		02/17/11 13:30	02/18/11 08:22	1
<b>HEM (Oil &amp; Grease)</b>	<b>1000</b>		490		mg/Kg		02/21/11 06:45	02/21/11 12:54	1

**General Chemistry - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Chloride</b>	<b>94</b>		9.6		mg/Kg			02/18/11 23:59	1

# Quality Control Data

Client: ACC Environmental Consultants  
 Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33377-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Lab Sample ID: MB 720-86357/4**

**Matrix: Water**

**Analysis Batch: 86357**

**Client Sample ID: MB 720-86357/4**

**Prep Type: Total/NA**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	ND		0.50		ug/L			02/16/11 20:41	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			02/16/11 20:41	1
Ethylbenzene	ND		0.50		ug/L			02/16/11 20:41	1
Ethanol	ND		250		ug/L			02/16/11 20:41	1
m-Xylene & p-Xylene	ND		1.0		ug/L			02/16/11 20:41	1
MTBE	ND		0.50		ug/L			02/16/11 20:41	1
TAME	ND		0.50		ug/L			02/16/11 20:41	1
Ethyl t-butyl ether	ND		0.50		ug/L			02/16/11 20:41	1
Toluene	ND		0.50		ug/L			02/16/11 20:41	1
EDB	ND		0.50		ug/L			02/16/11 20:41	1
Xylenes, Total	ND		1.0		ug/L			02/16/11 20:41	1
1,2-DCA	ND		0.50		ug/L			02/16/11 20:41	1
TBA	ND		4.0		ug/L			02/16/11 20:41	1
DIPE	ND		0.50		ug/L			02/16/11 20:41	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	% Recovery	Qualifier				
4-Bromofluorobenzene	101		67 - 130		02/16/11 20:41	1
1,2-Dichloroethane-d4 (Surr)	104		67 - 130		02/16/11 20:41	1
Toluene-d8 (Surr)	100		70 - 130		02/16/11 20:41	1

**Lab Sample ID: LCS 720-86357/5**

**Matrix: Water**

**Analysis Batch: 86357**

**Client Sample ID: LCS 720-86357/5**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Ethylbenzene	25.0	24.9		ug/L		100	86 - 135
Ethanol	500	467		ug/L		93	31 - 216
m-Xylene & p-Xylene	50.0	50.3		ug/L		101	70 - 142
MTBE	25.0	29.0		ug/L		116	62 - 130
TAME	25.0	31.9		ug/L		128	79 - 129
Ethyl t-butyl ether	25.0	29.7		ug/L		119	70 - 130
Toluene	25.0	26.2		ug/L		105	83 - 129
EDB	25.0	30.5		ug/L		122	70 - 130
1,2-DCA	25.0	27.3		ug/L		109	70 - 126
TBA	500	493		ug/L		99	82 - 116
DIPE	25.0	28.9		ug/L		116	74 - 155

Surrogate	LCS	LCS	Limits
	% Recovery	Qualifier	
4-Bromofluorobenzene	99		67 - 130
1,2-Dichloroethane-d4 (Surr)	105		67 - 130
Toluene-d8 (Surr)	101		70 - 130

# Quality Control Data

Client: ACC Environmental Consultants  
 Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33377-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 720-86357/7**

**Matrix: Water**

**Analysis Batch: 86357**

**Client Sample ID: LCS 720-86357/7**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits	
Gasoline Range Organics (GRO) -C5-C12	500	459		ug/L		92	62 - 117	
<b>Surrogate</b>		<b>LCS % Recovery</b>	<b>LCS Qualifier</b>				<b>Limits</b>	
4-Bromofluorobenzene		102					67 - 130	
1,2-Dichloroethane-d4 (Surr)		110					67 - 130	
Toluene-d8 (Surr)		100					70 - 130	

**Lab Sample ID: LCSD 720-86357/6**

**Matrix: Water**

**Analysis Batch: 86357**

**Client Sample ID: LCSD 720-86357/6**

**Prep Type: Total/NA**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits		RPD	
									RPD	Limit
Benzene	25.0	26.6		ug/L		106	82 - 127	1	20	
Ethylbenzene	25.0	26.0		ug/L		104	86 - 135	4	20	
Ethanol	500	471		ug/L		94	31 - 216	1	30	
m-Xylene & p-Xylene	50.0	52.7		ug/L		105	70 - 142	5	20	
MTBE	25.0	27.4		ug/L		110	62 - 130	6	20	
TAME	25.0	30.1		ug/L		120	79 - 129	6	20	
Ethyl t-butyl ether	25.0	27.5		ug/L		110	70 - 130	7	20	
Toluene	25.0	26.8		ug/L		107	83 - 129	2	20	
EDB	25.0	30.0		ug/L		120	70 - 130	2	20	
1,2-DCA	25.0	26.1		ug/L		104	70 - 126	4	20	
TBA	500	500		ug/L		100	82 - 116	1	20	
DIPE	25.0	27.0		ug/L		108	74 - 155	7	20	
<b>Surrogate</b>		<b>LCSD % Recovery</b>	<b>LCSD Qualifier</b>				<b>Limits</b>			
4-Bromofluorobenzene		99					67 - 130			
1,2-Dichloroethane-d4 (Surr)		101					67 - 130			
Toluene-d8 (Surr)		99					70 - 130			

**Lab Sample ID: LCSD 720-86357/8**

**Matrix: Water**

**Analysis Batch: 86357**

**Client Sample ID: LCSD 720-86357/8**

**Prep Type: Total/NA**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits		RPD	
									RPD	Limit
Gasoline Range Organics (GRO) -C5-C12	500	461		ug/L		92	62 - 117	1	20	
<b>Surrogate</b>		<b>LCSD % Recovery</b>	<b>LCSD Qualifier</b>				<b>Limits</b>			
4-Bromofluorobenzene		100					67 - 130			
1,2-Dichloroethane-d4 (Surr)		108					67 - 130			
Toluene-d8 (Surr)		100					70 - 130			

# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33377-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS

**Lab Sample ID: MB 720-86341/1-A**

**Matrix: Solid**

**Analysis Batch: 86311**

**Client Sample ID: MB 720-86341/1-A**

**Prep Type: Total/NA**

**Prep Batch: 86341**

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	ND		5.0		ug/Kg		02/16/11 08:00	02/16/11 09:56	1
Gasoline Range Organics (GRO) -C5-C12	ND		250		ug/Kg		02/16/11 08:00	02/16/11 09:56	1
Ethylbenzene	ND		5.0		ug/Kg		02/16/11 08:00	02/16/11 09:56	1
Ethanol	ND		100		ug/Kg		02/16/11 08:00	02/16/11 09:56	1
m-Xylene & p-Xylene	ND		5.0		ug/Kg		02/16/11 08:00	02/16/11 09:56	1
MTBE	ND		5.0		ug/Kg		02/16/11 08:00	02/16/11 09:56	1
TAME	ND		5.0		ug/Kg		02/16/11 08:00	02/16/11 09:56	1
Ethyl t-butyl ether	ND		5.0		ug/Kg		02/16/11 08:00	02/16/11 09:56	1
Toluene	ND		5.0		ug/Kg		02/16/11 08:00	02/16/11 09:56	1
EDB	ND		5.0		ug/Kg		02/16/11 08:00	02/16/11 09:56	1
Xylenes, Total	ND		10		ug/Kg		02/16/11 08:00	02/16/11 09:56	1
1,2-DCA	ND		5.0		ug/Kg		02/16/11 08:00	02/16/11 09:56	1
TBA	ND		10		ug/Kg		02/16/11 08:00	02/16/11 09:56	1
DIPE	ND		5.0		ug/Kg		02/16/11 08:00	02/16/11 09:56	1
o-Xylene	ND		5.0		ug/Kg		02/16/11 08:00	02/16/11 09:56	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	% Recovery	Qualifier				
4-Bromofluorobenzene	99		65 - 117	02/16/11 08:00	02/16/11 09:56	1
1,2-Dichloroethane-d4 (Surr)	106		73 - 140	02/16/11 08:00	02/16/11 09:56	1
Toluene-d8 (Surr)	99		84 - 116	02/16/11 08:00	02/16/11 09:56	1

**Lab Sample ID: LCS 720-86341/2-A**

**Matrix: Solid**

**Analysis Batch: 86311**

**Client Sample ID: LCS 720-86341/2-A**

**Prep Type: Total/NA**

**Prep Batch: 86341**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec.	Limits
Benzene	50.0	49.7		ug/Kg		99		82 - 124
Ethylbenzene	50.0	52.6		ug/Kg		105		80 - 137
Ethanol	1000	920		ug/Kg		92		49 - 162
m-Xylene & p-Xylene	100	107		ug/Kg		107		79 - 146
MTBE	50.0	41.4		ug/Kg		83		71 - 144
TAME	50.0	38.2		ug/Kg		76		74 - 140
Ethyl t-butyl ether	50.0	38.3		ug/Kg		77		76 - 129
Toluene	50.0	53.2		ug/Kg		106		83 - 128
EDB	50.0	49.3		ug/Kg		99		79 - 140
1,2-DCA	50.0	45.0		ug/Kg		90		78 - 140
TBA	1000	950		ug/Kg		95		76 - 119
DIPE	50.0	44.0		ug/Kg		88		83 - 131
o-Xylene	50.0	51.5		ug/Kg		103		84 - 140

Surrogate	LCS LCS		Limits
	% Recovery	Qualifier	
4-Bromofluorobenzene	93		65 - 117
1,2-Dichloroethane-d4 (Surr)	88		73 - 140
Toluene-d8 (Surr)	97		84 - 116

# Quality Control Data

Client: ACC Environmental Consultants  
 Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33377-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

**Lab Sample ID: LCS 720-86341/4-A**

**Matrix: Solid**

**Analysis Batch: 86311**

**Client Sample ID: LCS 720-86341/4-A**

**Prep Type: Total/NA**

**Prep Batch: 86341**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec.	
							Limits	RPD
Gasoline Range Organics (GRO) -C5-C12	1000	1080		ug/Kg		108	68 - 115	
<b>Surrogate</b>		<b>LCS % Recovery</b>	<b>LCS Qualifier</b>				<b>Limits</b>	
4-Bromofluorobenzene		99					65 - 117	
1,2-Dichloroethane-d4 (Surr)		96					73 - 140	
Toluene-d8 (Surr)		98					84 - 116	

**Lab Sample ID: LCSD 720-86341/3-A**

**Matrix: Solid**

**Analysis Batch: 86311**

**Client Sample ID: LCSD 720-86341/3-A**

**Prep Type: Total/NA**

**Prep Batch: 86341**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec.		RPD
							Limits	RPD	
Benzene	50.0	50.8		ug/Kg		102	82 - 124	2	20
Ethylbenzene	50.0	51.4		ug/Kg		103	80 - 137	2	20
Ethanol	1000	908		ug/Kg		91	49 - 162	1	20
m-Xylene & p-Xylene	100	105		ug/Kg		105	79 - 146	2	20
MTBE	50.0	49.3		ug/Kg		99	71 - 144	18	20
TAME	50.0	46.3		ug/Kg		93	74 - 140	19	20
Ethyl t-butyl ether	50.0	46.3		ug/Kg		93	76 - 129	19	20
Toluene	50.0	52.0		ug/Kg		104	83 - 128	2	20
EDB	50.0	56.9		ug/Kg		114	79 - 140	14	20
1,2-DCA	50.0	50.5		ug/Kg		101	78 - 140	12	20
TBA	1000	954		ug/Kg		95	76 - 119	0	20
DIPE	50.0	48.8		ug/Kg		98	83 - 131	10	20
o-Xylene	50.0	52.3		ug/Kg		105	84 - 140	1	20
<b>Surrogate</b>		<b>LCSD % Recovery</b>	<b>LCSD Qualifier</b>				<b>Limits</b>		
4-Bromofluorobenzene		99					65 - 117		
1,2-Dichloroethane-d4 (Surr)		100					73 - 140		
Toluene-d8 (Surr)		98					84 - 116		

**Lab Sample ID: LCSD 720-86341/5-A**

**Matrix: Solid**

**Analysis Batch: 86311**

**Client Sample ID: LCSD 720-86341/5-A**

**Prep Type: Total/NA**

**Prep Batch: 86341**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec.		RPD
							Limits	RPD	
Gasoline Range Organics (GRO) -C5-C12	1000	1050		ug/Kg		105	68 - 115	3	20
<b>Surrogate</b>		<b>LCSD % Recovery</b>	<b>LCSD Qualifier</b>				<b>Limits</b>		
4-Bromofluorobenzene		99					65 - 117		
1,2-Dichloroethane-d4 (Surr)		101					73 - 140		
Toluene-d8 (Surr)		101					84 - 116		

# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33377-1

## Method: 8270C - Semivolatile Organic Compounds (GC/MS)

**Lab Sample ID: MB 720-86362/1-A**

**Matrix: Solid**

**Analysis Batch: 86404**

**Client Sample ID: MB 720-86362/1-A**

**Prep Type: Total/NA**

**Prep Batch: 86362**

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
2-Methylphenol	ND		0.066		mg/Kg		02/16/11 18:34	02/17/11 14:03	1
Methylphenol, 3 & 4	ND		0.066		mg/Kg		02/16/11 18:34	02/17/11 14:03	1
Pentachlorophenol	ND		0.33		mg/Kg		02/16/11 18:34	02/17/11 14:03	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	% Recovery	Qualifier				
2-Fluorophenol	81		28 - 98	02/16/11 18:34	02/17/11 14:03	1
Phenol-d5	79		23 - 101	02/16/11 18:34	02/17/11 14:03	1
2,4,6-Tribromophenol	84		37 - 114	02/16/11 18:34	02/17/11 14:03	1

**Lab Sample ID: LCS 720-86362/2-A**

**Matrix: Solid**

**Analysis Batch: 86404**

**Client Sample ID: LCS 720-86362/2-A**

**Prep Type: Total/NA**

**Prep Batch: 86362**

Analyte	Spike Added	LCS LCS		Unit	D	% Rec	% Rec. Limits
		Result	Qualifier				
2-Methylphenol	1.64	1.33		mg/Kg		81	54 - 115
Methylphenol, 3 & 4	3.33	2.62		mg/Kg		79	50 - 115
Pentachlorophenol	1.69	1.41		mg/Kg		83	35 - 115

Surrogate	LCS LCS		Limits
	% Recovery	Qualifier	
2-Fluorophenol	70		28 - 98
Phenol-d5	79		23 - 101
2,4,6-Tribromophenol	94		37 - 114

**Lab Sample ID: LCSD 720-86362/3-A**

**Matrix: Solid**

**Analysis Batch: 86404**

**Client Sample ID: LCSD 720-86362/3-A**

**Prep Type: Total/NA**

**Prep Batch: 86362**

Analyte	Spike Added	LCSD LCSD		Unit	D	% Rec	% Rec. RPD	
		Result	Qualifier				Limits	RPD Limit
2-Methylphenol	1.64	1.44		mg/Kg		88	54 - 115	8 35
Methylphenol, 3 & 4	3.33	2.94		mg/Kg		89	50 - 115	12 35
Pentachlorophenol	1.69	1.42		mg/Kg		84	35 - 115	1 35

Surrogate	LCSD LCSD		Limits
	% Recovery	Qualifier	
2-Fluorophenol	78		28 - 98
Phenol-d5	89		23 - 101
2,4,6-Tribromophenol	100		37 - 114

**Lab Sample ID: 720-33377-3 MS**

**Matrix: Water**

**Analysis Batch: 86404**

**Client Sample ID: SB-2**

**Prep Type: Total/NA**

**Prep Batch: 86362**

Analyte	Sample Sample		Spike Added	MS MS		Unit	D	% Rec	% Rec. Limits
	Result	Qualifier		Result	Qualifier				
2-Methylphenol	ND		1.62	1.14		mg/Kg		71	32 - 115
Methylphenol, 3 & 4	ND		3.29	2.39		mg/Kg		73	28 - 115
Pentachlorophenol	ND		1.67	ND		mg/Kg		65	7 - 132

Surrogate	MS MS		Limits
	% Recovery	Qualifier	
2-Fluorophenol	48		28 - 98

# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33377-1

## Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 720-33377-3 MS**  
**Matrix: Water**  
**Analysis Batch: 86404**

**Client Sample ID: SB-2**  
**Prep Type: Total/NA**  
**Prep Batch: 86362**

Surrogate	MS MS		Limits
	% Recovery	Qualifier	
Phenol-d5	60		23 - 101
2,4,6-Tribromophenol	63		37 - 114

**Lab Sample ID: 720-33377-3 MSD**  
**Matrix: Water**  
**Analysis Batch: 86404**

**Client Sample ID: SB-2**  
**Prep Type: Total/NA**  
**Prep Batch: 86362**

Analyte	Sample	Sample	Spike	MSD MSD		Unit	D	% Rec	% Rec.		RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD	Limit	
2-Methylphenol	ND		1.62	0.831		mg/Kg		51	32 - 115	32	35	
Methylphenol, 3 & 4	ND		3.29	1.75		mg/Kg		53	28 - 115	31	35	
Pentachlorophenol	ND		1.67	ND	F	mg/Kg		35	7 - 132	61	35	

Surrogate	MSD MSD		Limits
	% Recovery	Qualifier	
2-Fluorophenol	22	X	28 - 98
Phenol-d5	42		23 - 101
2,4,6-Tribromophenol	51		37 - 114

**Lab Sample ID: MB 720-86409/1-A**  
**Matrix: Water**  
**Analysis Batch: 86582**

**Client Sample ID: MB 720-86409/1-A**  
**Prep Type: Total/NA**  
**Prep Batch: 86409**

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
2-Methylphenol	ND		4.0		ug/L		02/17/11 13:39	02/22/11 17:10	1
Methylphenol, 3 & 4	ND		8.0		ug/L		02/17/11 13:39	02/22/11 17:10	1
Pentachlorophenol	ND		10		ug/L		02/17/11 13:39	02/22/11 17:10	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	% Recovery	Qualifier				
2-Fluorophenol	22		10 - 65	02/17/11 13:39	02/22/11 17:10	1
Phenol-d5	13		10 - 46	02/17/11 13:39	02/22/11 17:10	1
2,4,6-Tribromophenol	39		34 - 131	02/17/11 13:39	02/22/11 17:10	1

**Lab Sample ID: LCS 720-86409/2-A**  
**Matrix: Water**  
**Analysis Batch: 86464**

**Client Sample ID: LCS 720-86409/2-A**  
**Prep Type: Total/NA**  
**Prep Batch: 86409**

Analyte	Spike Added	LCS LCS		Unit	D	% Rec	% Rec.	
		Result	Qualifier				Limits	RPD
2-Methylphenol	49.2	12.9		ug/L		26	13 - 115	
Methylphenol, 3 & 4	100	24.2		ug/L		24	10 - 115	
Pentachlorophenol	50.8	42.0		ug/L		83	54 - 115	

Surrogate	LCS LCS		Limits
	% Recovery	Qualifier	
2-Fluorophenol	17		10 - 65
Phenol-d5	13		10 - 46
2,4,6-Tribromophenol	76		34 - 131

# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33377-1

## Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCSD 720-86409/3-A**

**Matrix: Water**

**Analysis Batch: 86464**

**Client Sample ID: LCSD 720-86409/3-A**

**Prep Type: Total/NA**

**Prep Batch: 86409**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec.		RPD Limit
							Limits	RPD	
2-Methylphenol	49.2	15.3		ug/L		31	13 - 115	17	35
Methylphenol, 3 & 4	100	28.0		ug/L		28	10 - 115	15	35
Pentachlorophenol	50.8	44.7		ug/L		88	54 - 115	6	22

Surrogate	LCSD % Recovery	LCSD Qualifier	Limits
Phenol-d5	15		10 - 46
2,4,6-Tribromophenol	72		34 - 131

## Method: 8270C SIM - PAHs by GCMS (SIM)

**Lab Sample ID: MB 720-86361/1-A**

**Matrix: Solid**

**Analysis Batch: 86397**

**Client Sample ID: MB 720-86361/1-A**

**Prep Type: Total/NA**

**Prep Batch: 86361**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		5.0		ug/Kg		02/16/11 18:32	02/17/11 15:12	1
Acenaphthylene	ND		5.0		ug/Kg		02/16/11 18:32	02/17/11 15:12	1
Fluorene	ND		5.0		ug/Kg		02/16/11 18:32	02/17/11 15:12	1
Phenanthrene	ND		5.0		ug/Kg		02/16/11 18:32	02/17/11 15:12	1
Anthracene	ND		5.0		ug/Kg		02/16/11 18:32	02/17/11 15:12	1
Benzo[a]anthracene	ND		5.0		ug/Kg		02/16/11 18:32	02/17/11 15:12	1
Chrysene	ND		5.0		ug/Kg		02/16/11 18:32	02/17/11 15:12	1
Benzo[a]pyrene	ND		5.0		ug/Kg		02/16/11 18:32	02/17/11 15:12	1
Benzo[b]fluoranthene	ND		5.0		ug/Kg		02/16/11 18:32	02/17/11 15:12	1
Benzo[k]fluoranthene	ND		5.0		ug/Kg		02/16/11 18:32	02/17/11 15:12	1
Benzo[g,h,i]perylene	ND		5.0		ug/Kg		02/16/11 18:32	02/17/11 15:12	1
Indeno[1,2,3-cd]pyrene	ND		5.0		ug/Kg		02/16/11 18:32	02/17/11 15:12	1
Fluoranthene	ND		5.0		ug/Kg		02/16/11 18:32	02/17/11 15:12	1
Pyrene	ND		5.0		ug/Kg		02/16/11 18:32	02/17/11 15:12	1
Dibenz(a,h)anthracene	ND		5.0		ug/Kg		02/16/11 18:32	02/17/11 15:12	1

Surrogate	MB % Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14	95		35 - 146	02/16/11 18:32	02/17/11 15:12	1

**Lab Sample ID: LCS 720-86361/2-A**

**Matrix: Solid**

**Analysis Batch: 86397**

**Client Sample ID: LCS 720-86361/2-A**

**Prep Type: Total/NA**

**Prep Batch: 86361**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec.	
							Limits	RPD
Naphthalene	333	273		ug/Kg		82	46 - 120	
Acenaphthene	333	283		ug/Kg		85	49 - 120	
Acenaphthylene	333	291		ug/Kg		87	52 - 120	
Fluorene	333	279		ug/Kg		84	52 - 120	
Phenanthrene	333	278		ug/Kg		83	48 - 120	
Anthracene	333	301		ug/Kg		90	52 - 120	
Benzo[a]anthracene	333	286		ug/Kg		86	52 - 120	

TestAmerica San Francisco



# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33377-1

## Method: 8270C SIM - PAHs by GCMS (SIM) (Continued)

**Lab Sample ID: LCS 720-86361/2-A**

**Matrix: Solid**

**Analysis Batch: 86397**

**Client Sample ID: LCS 720-86361/2-A**

**Prep Type: Total/NA**

**Prep Batch: 86361**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Chrysene	333	292		ug/Kg		88	54 - 120
Benzo[a]pyrene	333	329		ug/Kg		99	54 - 120
Benzo[b]fluoranthene	333	329		ug/Kg		99	51 - 120
Benzo[k]fluoranthene	333	328		ug/Kg		98	56 - 120
Benzo[g,h,i]perylene	333	337		ug/Kg		101	48 - 120
Indeno[1,2,3-cd]pyrene	333	337		ug/Kg		101	48 - 120
Fluoranthene	333	311		ug/Kg		93	57 - 120
Pyrene	333	320		ug/Kg		96	53 - 120
Dibenz(a,h)anthracene	333	323		ug/Kg		97	50 - 120

Surrogate	LCS % Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl	88		33 - 120
Terphenyl-d14	94		35 - 146

**Lab Sample ID: LCSD 720-86361/3-A**

**Matrix: Solid**

**Analysis Batch: 86397**

**Client Sample ID: LCSD 720-86361/3-A**

**Prep Type: Total/NA**

**Prep Batch: 86361**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Naphthalene	332	267		ug/Kg		80	46 - 120	2	20
Acenaphthene	332	287		ug/Kg		86	49 - 120	1	20
Acenaphthylene	332	294		ug/Kg		89	52 - 120	1	20
Fluorene	332	281		ug/Kg		85	52 - 120	1	20
Phenanthrene	332	276		ug/Kg		83	48 - 120	1	20
Anthracene	332	299		ug/Kg		90	52 - 120	1	20
Benzo[a]anthracene	332	297		ug/Kg		89	52 - 120	4	20
Chrysene	332	283		ug/Kg		85	54 - 120	3	20
Benzo[a]pyrene	332	334		ug/Kg		101	54 - 120	2	20
Benzo[b]fluoranthene	332	322		ug/Kg		97	51 - 120	2	20
Benzo[k]fluoranthene	332	331		ug/Kg		100	56 - 120	1	20
Benzo[g,h,i]perylene	332	339		ug/Kg		102	48 - 120	1	20
Indeno[1,2,3-cd]pyrene	332	338		ug/Kg		102	48 - 120	0	20
Fluoranthene	332	308		ug/Kg		93	57 - 120	1	20
Pyrene	332	323		ug/Kg		97	53 - 120	1	20
Dibenz(a,h)anthracene	332	324		ug/Kg		98	50 - 120	1	20

Surrogate	LCSD % Recovery	LCSD Qualifier	Limits
2-Fluorobiphenyl	86		33 - 120
Terphenyl-d14	94		35 - 146

**Lab Sample ID: 720-33377-3 MS**

**Matrix: Water**

**Analysis Batch: 86397**

**Client Sample ID: SB-2**

**Prep Type: Total/NA**

**Prep Batch: 86361**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Naphthalene	ND		331	185		ug/Kg		56	32 - 120
Acenaphthene	ND		331	203		ug/Kg		61	33 - 120
Acenaphthylene	5.3		331	221		ug/Kg		65	28 - 120
Fluorene	ND		331	212		ug/Kg		63	35 - 120

# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33377-1

## Method: 8270C SIM - PAHs by GCMS (SIM) (Continued)

Lab Sample ID: 720-33377-3 MS

Matrix: Water

Analysis Batch: 86397

Client Sample ID: SB-2

Prep Type: Total/NA

Prep Batch: 86361

Analyte	Sample	Sample	Spike	MS		Unit	D	% Rec	% Rec.	Limits
	Result	Qualifier		Result	Qualifier					
Phenanthrene	11		331	228		ug/Kg		65		28 - 120
Anthracene	6.0		331	266		ug/Kg		79		36 - 120
Benzo[a]anthracene	7.3		331	250		ug/Kg		73		29 - 120
Chrysene	6.3		331	254		ug/Kg		75		29 - 120
Benzo[a]pyrene	9.2		331	274		ug/Kg		80		24 - 120
Benzo[b]fluoranthene	8.5		331	259		ug/Kg		76		17 - 132
Benzo[k]fluoranthene	ND		331	265		ug/Kg		79		35 - 120
Benzo[g,h,i]perylene	7.0		331	237		ug/Kg		70		21 - 120
Indeno[1,2,3-cd]pyrene	ND		331	233		ug/Kg		69		20 - 126
Fluoranthene	12		331	265		ug/Kg		77		24 - 120
Pyrene	16		331	305		ug/Kg		87		24 - 123
Dibenz(a,h)anthracene	ND		331	219		ug/Kg		66		36 - 120
<b>MS MS</b>										
<b>Surrogate</b>	<b>% Recovery</b>		<b>Qualifier</b>	<b>Limits</b>						
2-Fluorobiphenyl	62			33 - 120						
Terphenyl-d14	82			35 - 146						

Lab Sample ID: 720-33377-3 MSD

Matrix: Water

Analysis Batch: 86397

Client Sample ID: SB-2

Prep Type: Total/NA

Prep Batch: 86361

Analyte	Sample	Sample	Spike	MSD		Unit	D	% Rec	% Rec.	Limits	RPD	Limit
	Result	Qualifier		Result	Qualifier							
Naphthalene	ND		332	188		ug/Kg		57		32 - 120	2	20
Acenaphthene	ND		332	213		ug/Kg		64		33 - 120	5	20
Acenaphthylene	5.3		332	226		ug/Kg		67		28 - 120	2	20
Fluorene	ND		332	225		ug/Kg		67		35 - 120	6	20
Phenanthrene	11		332	235		ug/Kg		67		28 - 120	3	20
Anthracene	6.0		332	268		ug/Kg		79		36 - 120	1	20
Benzo[a]anthracene	7.3		332	263		ug/Kg		77		29 - 120	5	20
Chrysene	6.3		332	253		ug/Kg		74		29 - 120	1	20
Benzo[a]pyrene	9.2		332	289		ug/Kg		84		24 - 120	5	20
Benzo[b]fluoranthene	8.5		332	306		ug/Kg		90		17 - 132	17	20
Benzo[k]fluoranthene	ND		332	250		ug/Kg		74		35 - 120	6	20
Benzo[g,h,i]perylene	7.0		332	255		ug/Kg		75		21 - 120	7	20
Indeno[1,2,3-cd]pyrene	ND		332	256		ug/Kg		76		20 - 126	9	20
Fluoranthene	12		332	274		ug/Kg		79		24 - 120	3	20
Pyrene	16		332	302		ug/Kg		86		24 - 123	1	20
Dibenz(a,h)anthracene	ND		332	245		ug/Kg		74		36 - 120	11	20
<b>MSD MSD</b>												
<b>Surrogate</b>	<b>% Recovery</b>		<b>Qualifier</b>	<b>Limits</b>								
2-Fluorobiphenyl	63			33 - 120								
Terphenyl-d14	84			35 - 146								

Lab Sample ID: MB 720-86576/1-A

Matrix: Water

Analysis Batch: 86654

Client Sample ID: MB 720-86576/1-A

Prep Type: Total/NA

Prep Batch: 86576

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Pentachlorophenol	ND		0.30		ug/L		02/22/11 11:51	02/23/11 11:14	1

# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33377-1

## Method: 8270C SIM - PAHs by GCMS (SIM) (Continued)

**Lab Sample ID: MB 720-86576/1-A**

**Matrix: Water**

**Analysis Batch: 86654**

**Client Sample ID: MB 720-86576/1-A**

**Prep Type: Total/NA**

**Prep Batch: 86576**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		0.10		ug/L		02/22/11 11:51	02/23/11 11:14	1
Acenaphthene	ND		0.10		ug/L		02/22/11 11:51	02/23/11 11:14	1
Acenaphthylene	ND		0.10		ug/L		02/22/11 11:51	02/23/11 11:14	1
Fluorene	ND		0.10		ug/L		02/22/11 11:51	02/23/11 11:14	1
Phenanthrene	ND		0.10		ug/L		02/22/11 11:51	02/23/11 11:14	1
Anthracene	ND		0.10		ug/L		02/22/11 11:51	02/23/11 11:14	1
Benzo[a]anthracene	ND		0.10		ug/L		02/22/11 11:51	02/23/11 11:14	1
Chrysene	ND		0.10		ug/L		02/22/11 11:51	02/23/11 11:14	1
Benzo[a]pyrene	ND		0.10		ug/L		02/22/11 11:51	02/23/11 11:14	1
Benzo[b]fluoranthene	ND		0.10		ug/L		02/22/11 11:51	02/23/11 11:14	1
Benzo[k]fluoranthene	ND		0.10		ug/L		02/22/11 11:51	02/23/11 11:14	1
Benzo[g,h,i]perylene	ND		0.10		ug/L		02/22/11 11:51	02/23/11 11:14	1
Indeno[1,2,3-cd]pyrene	ND		0.10		ug/L		02/22/11 11:51	02/23/11 11:14	1
Fluoranthene	ND		0.10		ug/L		02/22/11 11:51	02/23/11 11:14	1
Pyrene	ND		0.10		ug/L		02/22/11 11:51	02/23/11 11:14	1
Dibenz(a,h)anthracene	ND		0.10		ug/L		02/22/11 11:51	02/23/11 11:14	1

Surrogate	MB % Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	49		29 - 120	02/22/11 11:51	02/23/11 11:14	1
Terphenyl-d14	80		45 - 120	02/22/11 11:51	02/23/11 11:14	1

**Lab Sample ID: LCS 720-86576/2-A**

**Matrix: Water**

**Analysis Batch: 86654**

**Client Sample ID: LCS 720-86576/2-A**

**Prep Type: Total/NA**

**Prep Batch: 86576**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Naphthalene	10.0	5.21		ug/L		52	33 - 120
Acenaphthene	10.0	5.37		ug/L		54	37 - 120
Acenaphthylene	10.0	5.09		ug/L		51	36 - 120
Fluorene	10.0	6.34		ug/L		63	39 - 120
Phenanthrene	10.0	5.91		ug/L		59	44 - 120
Anthracene	10.0	6.61		ug/L		66	45 - 120
Benzo[a]anthracene	10.0	8.01		ug/L		80	48 - 120
Chrysene	10.0	8.77		ug/L		88	52 - 120
Benzo[a]pyrene	10.0	8.22		ug/L		82	50 - 120
Benzo[b]fluoranthene	10.0	8.53		ug/L		85	48 - 120
Benzo[k]fluoranthene	10.0	8.32		ug/L		83	50 - 120
Benzo[g,h,i]perylene	10.0	8.03		ug/L		80	49 - 120
Indeno[1,2,3-cd]pyrene	10.0	8.25		ug/L		83	48 - 120
Fluoranthene	10.0	7.30		ug/L		73	46 - 120
Pyrene	10.0	7.72		ug/L		77	50 - 120
Dibenz(a,h)anthracene	10.0	7.81		ug/L		78	48 - 101

Surrogate	LCS % Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl	51		29 - 120
Terphenyl-d14	83		45 - 120

# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33377-1

## Method: 8270C SIM - PAHs by GCMS (SIM) (Continued)

**Lab Sample ID: LCSD 720-86576/3-A**

**Matrix: Water**

**Analysis Batch: 86654**

**Client Sample ID: LCSD 720-86576/3-A**

**Prep Type: Total/NA**

**Prep Batch: 86576**

Analyte	Spike Added	LCSD	LCSD	Unit	D	% Rec	% Rec.		RPD Limit
		Result	Qualifier				Limits	RPD	
Naphthalene	10.0	5.51		ug/L		55	33 - 120	6	35
Acenaphthene	10.0	5.86		ug/L		59	37 - 120	9	35
Acenaphthylene	10.0	5.58		ug/L		56	36 - 120	9	35
Fluorene	10.0	6.76		ug/L		68	39 - 120	6	35
Phenanthrene	10.0	5.96		ug/L		60	44 - 120	1	35
Anthracene	10.0	6.51		ug/L		65	45 - 120	1	35
Benzo[a]anthracene	10.0	7.77		ug/L		78	48 - 120	3	35
Chrysene	10.0	8.59		ug/L		86	52 - 120	2	35
Benzo[a]pyrene	10.0	7.88		ug/L		79	50 - 120	4	35
Benzo[b]fluoranthene	10.0	8.18		ug/L		82	48 - 120	4	35
Benzo[k]fluoranthene	10.0	7.98		ug/L		80	50 - 120	4	35
Benzo[g,h,i]perylene	10.0	7.63		ug/L		76	49 - 120	5	35
Indeno[1,2,3-cd]pyrene	10.0	7.77		ug/L		78	48 - 120	6	35
Fluoranthene	10.0	6.78		ug/L		68	46 - 120	7	35
Pyrene	10.0	7.20		ug/L		72	50 - 120	7	35
Dibenz(a,h)anthracene	10.0	7.40		ug/L		74	48 - 101	5	35

Surrogate	LCSD	LCSD	Limits
	% Recovery	Qualifier	
2-Fluorobiphenyl	56		29 - 120
Terphenyl-d14	80		45 - 120

## Method: 8015B - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

**Lab Sample ID: MB 720-86327/1-A**

**Matrix: Solid**

**Analysis Batch: 86307**

**Client Sample ID: MB 720-86327/1-A**

**Prep Type: Total/NA**

**Prep Batch: 86327**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Diesel Range Organics [C10-C28]	ND		0.99		mg/Kg		02/16/11 11:24	02/16/11 22:57	1
Motor Oil Range Organics [C24-C36]	ND		49		mg/Kg		02/16/11 11:24	02/16/11 22:57	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	% Recovery	Qualifier				
p-Terphenyl	96		31 - 114	02/16/11 11:24	02/16/11 22:57	1

**Lab Sample ID: LCS 720-86327/2-A**

**Matrix: Solid**

**Analysis Batch: 86307**

**Client Sample ID: LCS 720-86327/2-A**

**Prep Type: Total/NA**

**Prep Batch: 86327**

Analyte	Spike Added	LCS	LCS	Unit	D	% Rec	% Rec.	
		Result	Qualifier				Limits	RPD
Diesel Range Organics [C10-C28]	82.2	79.1		mg/Kg		96	59 - 134	

Surrogate	LCS	LCS	Limits
	% Recovery	Qualifier	
p-Terphenyl	99		31 - 114

# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33377-1

## Method: 8015B - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics) (Continued)

**Lab Sample ID: LCSD 720-86327/3-A**

**Matrix: Solid**

**Analysis Batch: 86307**

**Client Sample ID: LCSD 720-86327/3-A**

**Prep Type: Total/NA**

**Prep Batch: 86327**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec.		RPD
							Limits	RPD	
Diesel Range Organics [C10-C28]	82.0	81.4		mg/Kg		99	59 - 134	3	35
		<b>LCS</b>	<b>LCS</b>						
<b>Surrogate</b>	<b>% Recovery</b>	<b>Qualifier</b>	<b>Limits</b>						
p-Terphenyl	106		31 - 114						

**Lab Sample ID: MB 720-86337/1-A**

**Matrix: Water**

**Analysis Batch: 86372**

**Client Sample ID: MB 720-86337/1-A**

**Prep Type: Total/NA**

**Prep Batch: 86337**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Motor Oil Range Organics [C24-C36]	ND		99		ug/L		02/16/11 13:33	02/17/11 11:33	1
		<b>MB</b>	<b>MB</b>						
<b>Surrogate</b>	<b>% Recovery</b>	<b>Qualifier</b>	<b>Limits</b>			<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>	
p-Terphenyl	105		23 - 156			02/16/11 13:33	02/17/11 11:33	1	

**Lab Sample ID: LCS 720-86337/2-A**

**Matrix: Water**

**Analysis Batch: 86372**

**Client Sample ID: LCS 720-86337/2-A**

**Prep Type: Total/NA**

**Prep Batch: 86337**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec.		RPD
							Limits	RPD	
Diesel Range Organics [C10-C28]	2500	1930		ug/L		77	40 - 150		
		<b>LCS</b>	<b>LCS</b>						
<b>Surrogate</b>	<b>% Recovery</b>	<b>Qualifier</b>	<b>Limits</b>						
p-Terphenyl	118		23 - 156						

**Lab Sample ID: LCSD 720-86337/3-A**

**Matrix: Water**

**Analysis Batch: 86372**

**Client Sample ID: LCSD 720-86337/3-A**

**Prep Type: Total/NA**

**Prep Batch: 86337**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec.		RPD
							Limits	RPD	
Diesel Range Organics [C10-C28]	2500	1480		ug/L		59	40 - 150	26	35
		<b>LCS</b>	<b>LCS</b>						
<b>Surrogate</b>	<b>% Recovery</b>	<b>Qualifier</b>	<b>Limits</b>						
p-Terphenyl	92		23 - 156						

**Lab Sample ID: MB 720-86540/1-A**

**Matrix: Water**

**Analysis Batch: 86545**

**Client Sample ID: MB 720-86540/1-A**

**Prep Type: Total/NA**

**Prep Batch: 86540**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Motor Oil Range Organics [C24-C36]	ND		99		ug/L		02/19/11 10:22	02/22/11 09:42	1

# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33377-1

## Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

**Lab Sample ID: MB 720-86540/1-A**  
**Matrix: Water**  
**Analysis Batch: 86545**

**Client Sample ID: MB 720-86540/1-A**  
**Prep Type: Total/NA**  
**Prep Batch: 86540**

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	% Recovery	Qualifier				
p-Terphenyl	105		23 - 156	02/19/11 10:22	02/22/11 09:42	1

**Lab Sample ID: LCS 720-86540/2-A**  
**Matrix: Water**  
**Analysis Batch: 86545**

**Client Sample ID: LCS 720-86540/2-A**  
**Prep Type: Total/NA**  
**Prep Batch: 86540**

Analyte	Spike Added	LCS LCS		Unit	D	% Rec	% Rec. Limits
		Result	Qualifier				
Diesel Range Organics [C10-C28]	2500	1820		ug/L		73	40 - 150

Surrogate	LCS LCS		Limits
	% Recovery	Qualifier	
p-Terphenyl	109		23 - 156

**Lab Sample ID: LCSD 720-86540/3-A**  
**Matrix: Water**  
**Analysis Batch: 86545**

**Client Sample ID: LCSD 720-86540/3-A**  
**Prep Type: Total/NA**  
**Prep Batch: 86540**

Analyte	Spike Added	LCSD LCSD		Unit	D	% Rec	% Rec. Limits	RPD	Limit
		Result	Qualifier						
Diesel Range Organics [C10-C28]	2500	1860		ug/L		75	40 - 150	2	35

Surrogate	LCSD LCSD		Limits
	% Recovery	Qualifier	
p-Terphenyl	112		23 - 156

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Lab Sample ID: MB 720-86359/1-A**  
**Matrix: Water**  
**Analysis Batch: 86381**

**Client Sample ID: MB 720-86359/1-A**  
**Prep Type: Total/NA**  
**Prep Batch: 86359**

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
PCB-1016	ND		0.50		ug/L		02/16/11 17:21	02/17/11 10:52	1
PCB-1221	ND		0.50		ug/L		02/16/11 17:21	02/17/11 10:52	1
PCB-1232	ND		0.50		ug/L		02/16/11 17:21	02/17/11 10:52	1
PCB-1242	ND		0.50		ug/L		02/16/11 17:21	02/17/11 10:52	1
PCB-1248	ND		0.50		ug/L		02/16/11 17:21	02/17/11 10:52	1
PCB-1254	ND		0.50		ug/L		02/16/11 17:21	02/17/11 10:52	1
PCB-1260	ND		0.50		ug/L		02/16/11 17:21	02/17/11 10:52	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	% Recovery	Qualifier				
Tetrachloro-m-xylene	82		28 - 124	02/16/11 17:21	02/17/11 10:52	1
DCB Decachlorobiphenyl	82		5 - 122	02/16/11 17:21	02/17/11 10:52	1

**Lab Sample ID: LCS 720-86359/2-A**  
**Matrix: Water**  
**Analysis Batch: 86381**

**Client Sample ID: LCS 720-86359/2-A**  
**Prep Type: Total/NA**  
**Prep Batch: 86359**

Analyte	Spike Added	LCS LCS		Unit	D	% Rec	% Rec. Limits
		Result	Qualifier				
PCB-1016	4.00	3.88		ug/L		97	69 - 116

# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33377-1

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

**Lab Sample ID: LCS 720-86359/2-A**

**Matrix: Water**

**Analysis Batch: 86381**

**Client Sample ID: LCS 720-86359/2-A**

**Prep Type: Total/NA**

**Prep Batch: 86359**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
PCB-1260	4.00	3.64		ug/L		91	65 - 111
<b>Surrogate</b>		<b>LCS % Recovery</b>	<b>LCS Qualifier</b>				<b>Limits</b>
Tetrachloro-m-xylene		88					28 - 124
DCB Decachlorobiphenyl		80					5 - 122

**Lab Sample ID: LCSD 720-86359/3-A**

**Matrix: Water**

**Analysis Batch: 86381**

**Client Sample ID: LCSD 720-86359/3-A**

**Prep Type: Total/NA**

**Prep Batch: 86359**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
PCB-1016	4.00	3.85		ug/L		96	69 - 116	1	20
PCB-1260	4.00	3.60		ug/L		90	65 - 111	1	20
<b>Surrogate</b>		<b>LCSD % Recovery</b>	<b>LCSD Qualifier</b>				<b>Limits</b>		
Tetrachloro-m-xylene		88					28 - 124		
DCB Decachlorobiphenyl		83					5 - 122		

## Method: 8082\_ASP - Polychlorinated Biphenyls (PCBs) (GC)

**Lab Sample ID: MB 720-86329/1-A**

**Matrix: Solid**

**Analysis Batch: 86381**

**Client Sample ID: MB 720-86329/1-A**

**Prep Type: Total/NA**

**Prep Batch: 86329**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50		ug/Kg		02/16/11 11:28	02/17/11 14:35	1
PCB-1221	ND		50		ug/Kg		02/16/11 11:28	02/17/11 14:35	1
PCB-1232	ND		50		ug/Kg		02/16/11 11:28	02/17/11 14:35	1
PCB-1242	ND		50		ug/Kg		02/16/11 11:28	02/17/11 14:35	1
PCB-1248	ND		50		ug/Kg		02/16/11 11:28	02/17/11 14:35	1
PCB-1254	ND		50		ug/Kg		02/16/11 11:28	02/17/11 14:35	1
PCB-1260	ND		50		ug/Kg		02/16/11 11:28	02/17/11 14:35	1
<b>Surrogate</b>	<b>MB % Recovery</b>	<b>MB Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
Tetrachloro-m-xylene	96		32 - 112				02/16/11 11:28	02/17/11 14:35	1
DCB Decachlorobiphenyl	89		2 - 122				02/16/11 11:28	02/17/11 14:35	1

**Lab Sample ID: LCS 720-86329/2-A**

**Matrix: Solid**

**Analysis Batch: 86381**

**Client Sample ID: LCS 720-86329/2-A**

**Prep Type: Total/NA**

**Prep Batch: 86329**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
PCB-1016	133	127		ug/Kg		96	65 - 120
PCB-1260	133	121		ug/Kg		91	65 - 120
<b>Surrogate</b>		<b>LCS % Recovery</b>	<b>LCS Qualifier</b>				<b>Limits</b>
Tetrachloro-m-xylene		95					32 - 112
DCB Decachlorobiphenyl		87					2 - 122

# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33377-1

## Method: 8082\_ASP - Polychlorinated Biphenyls (PCBs) (GC) (Continued)

**Lab Sample ID: LCSD 720-86329/3-A**  
**Matrix: Solid**  
**Analysis Batch: 86381**

**Client Sample ID: LCSD 720-86329/3-A**  
**Prep Type: Total/NA**  
**Prep Batch: 86329**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec.		RPD Limit
							Limits	RPD	
PCB-1016	132	129		ug/Kg		98	65 - 120	2	20
PCB-1260	132	122		ug/Kg		93	65 - 120	1	20

Surrogate	% Recovery	LCSD Qualifier	LCSD Limits
DCB Decachlorobiphenyl	88		2 - 122

## Method: 6010B - Metals (ICP)

**Lab Sample ID: MB 720-86498/1-A**  
**Matrix: Water**  
**Analysis Batch: 86573**

**Client Sample ID: MB 720-86498/1-A**  
**Prep Type: Total/NA**  
**Prep Batch: 86498**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.010		mg/L		02/18/11 14:20	02/22/11 09:59	1
Barium	ND		0.0050		mg/L		02/18/11 14:20	02/22/11 09:59	1
Beryllium	ND		0.0020		mg/L		02/18/11 14:20	02/22/11 09:59	1
Cadmium	ND		0.0025		mg/L		02/18/11 14:20	02/22/11 09:59	1
Chromium	ND		0.010		mg/L		02/18/11 14:20	02/22/11 09:59	1
Cobalt	ND		0.0020		mg/L		02/18/11 14:20	02/22/11 09:59	1
Copper	ND		0.020		mg/L		02/18/11 14:20	02/22/11 09:59	1
Lead	ND		0.0050		mg/L		02/18/11 14:20	02/22/11 09:59	1
Molybdenum	ND		0.010		mg/L		02/18/11 14:20	02/22/11 09:59	1
Nickel	ND		0.010		mg/L		02/18/11 14:20	02/22/11 09:59	1
Selenium	ND		0.020		mg/L		02/18/11 14:20	02/22/11 09:59	1
Silver	ND		0.0050		mg/L		02/18/11 14:20	02/22/11 09:59	1
Thallium	ND		0.010		mg/L		02/18/11 14:20	02/22/11 09:59	1
Vanadium	ND		0.010		mg/L		02/18/11 14:20	02/22/11 09:59	1
Zinc	ND		0.020		mg/L		02/18/11 14:20	02/22/11 09:59	1

**Lab Sample ID: LCS 720-86498/2-A**  
**Matrix: Water**  
**Analysis Batch: 86573**

**Client Sample ID: LCS 720-86498/2-A**  
**Prep Type: Total/NA**  
**Prep Batch: 86498**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec.	
							Limits	RPD
Antimony	1.00	0.920		mg/L		92	80 - 120	
Arsenic	1.00	0.849		mg/L		85	80 - 120	
Barium	1.00	0.983		mg/L		98	80 - 120	
Beryllium	1.00	1.01		mg/L		101	80 - 120	
Cadmium	1.00	0.901		mg/L		90	80 - 120	
Chromium	1.00	0.987		mg/L		99	80 - 120	
Cobalt	1.00	0.927		mg/L		93	80 - 120	
Copper	1.00	1.00		mg/L		100	80 - 120	
Lead	1.00	0.959		mg/L		96	80 - 120	
Molybdenum	1.00	0.974		mg/L		97	80 - 120	
Nickel	1.00	0.948		mg/L		95	80 - 120	
Selenium	1.00	0.917		mg/L		92	80 - 120	
Silver	0.500	0.494		mg/L		99	80 - 120	



# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33377-1

## Method: 6010B - Metals (ICP) (Continued)

**Lab Sample ID: LCS 720-86498/2-A**  
**Matrix: Water**  
**Analysis Batch: 86573**

**Client Sample ID: LCS 720-86498/2-A**  
**Prep Type: Total/NA**  
**Prep Batch: 86498**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Thallium	1.00	0.966		mg/L		97	80 - 120
Vanadium	1.00	0.968		mg/L		97	80 - 120
Zinc	1.00	0.908		mg/L		91	80 - 120

**Lab Sample ID: LCSD 720-86498/3-A**  
**Matrix: Water**  
**Analysis Batch: 86573**

**Client Sample ID: LCSD 720-86498/3-A**  
**Prep Type: Total/NA**  
**Prep Batch: 86498**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Antimony	1.00	0.944		mg/L		94	80 - 120	3	20
Arsenic	1.00	0.868		mg/L		87	80 - 120	2	20
Barium	1.00	0.990		mg/L		99	80 - 120	1	20
Beryllium	1.00	1.02		mg/L		102	80 - 120	1	20
Cadmium	1.00	0.923		mg/L		92	80 - 120	2	20
Chromium	1.00	0.999		mg/L		100	80 - 120	1	20
Cobalt	1.00	0.948		mg/L		95	80 - 120	2	20
Copper	1.00	1.01		mg/L		101	80 - 120	1	20
Lead	1.00	0.982		mg/L		98	80 - 120	2	20
Molybdenum	1.00	0.999		mg/L		100	80 - 120	3	20
Nickel	1.00	0.969		mg/L		97	80 - 120	2	20
Selenium	1.00	0.937		mg/L		94	80 - 120	2	20
Silver	0.500	0.499		mg/L		100	80 - 120	1	20
Thallium	1.00	0.985		mg/L		98	80 - 120	2	20
Vanadium	1.00	0.979		mg/L		98	80 - 120	1	20
Zinc	1.00	0.929		mg/L		93	80 - 120	2	20

**Lab Sample ID: MB 720-86559/1-A**  
**Matrix: Solid**  
**Analysis Batch: 86612**

**Client Sample ID: MB 720-86559/1-A**  
**Prep Type: Total/NA**  
**Prep Batch: 86559**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.50		mg/Kg		02/22/11 09:39	02/22/11 14:48	1
Arsenic	ND		1.0		mg/Kg		02/22/11 09:39	02/22/11 14:48	1
Barium	ND		0.50		mg/Kg		02/22/11 09:39	02/22/11 14:48	1
Beryllium	ND		0.10		mg/Kg		02/22/11 09:39	02/22/11 14:48	1
Cadmium	ND		0.12		mg/Kg		02/22/11 09:39	02/22/11 14:48	1
Chromium	ND		0.50		mg/Kg		02/22/11 09:39	02/22/11 14:48	1
Cobalt	ND		0.20		mg/Kg		02/22/11 09:39	02/22/11 14:48	1
Copper	ND		1.5		mg/Kg		02/22/11 09:39	02/22/11 14:48	1
Lead	ND		0.50		mg/Kg		02/22/11 09:39	02/22/11 14:48	1
Molybdenum	ND		0.50		mg/Kg		02/22/11 09:39	02/22/11 14:48	1
Nickel	ND		0.50		mg/Kg		02/22/11 09:39	02/22/11 14:48	1
Selenium	ND		1.0		mg/Kg		02/22/11 09:39	02/22/11 14:48	1
Silver	ND		0.25		mg/Kg		02/22/11 09:39	02/22/11 14:48	1
Thallium	ND		0.50		mg/Kg		02/22/11 09:39	02/22/11 14:48	1
Vanadium	ND		0.50		mg/Kg		02/22/11 09:39	02/22/11 14:48	1
Zinc	ND		1.5		mg/Kg		02/22/11 09:39	02/22/11 14:48	1

# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33377-1

## Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 720-86559/2-A

Matrix: Solid

Analysis Batch: 86612

Client Sample ID: LCS 720-86559/2-A

Prep Type: Total/NA

Prep Batch: 86559

Analyte	Spike	LCS	LCS	Unit	D	% Rec	% Rec.	
	Added	Result	Qualifier				Limits	
Antimony	50.0	48.8		mg/Kg		98	80 - 120	
Arsenic	50.0	46.0		mg/Kg		92	80 - 120	
Barium	50.0	49.6		mg/Kg		99	80 - 120	
Beryllium	50.0	49.9		mg/Kg		100	80 - 120	
Cadmium	50.0	49.0		mg/Kg		98	80 - 120	
Chromium	50.0	49.8		mg/Kg		100	80 - 120	
Cobalt	50.0	50.5		mg/Kg		101	80 - 120	
Copper	50.0	50.2		mg/Kg		100	80 - 120	
Lead	50.0	50.7		mg/Kg		101	80 - 120	
Molybdenum	50.0	51.3		mg/Kg		103	80 - 120	
Nickel	50.0	49.8		mg/Kg		100	80 - 120	
Selenium	50.0	48.0		mg/Kg		96	80 - 120	
Silver	25.0	25.5		mg/Kg		102	80 - 120	
Thallium	50.0	50.2		mg/Kg		100	80 - 120	
Vanadium	50.0	50.5		mg/Kg		101	80 - 120	
Zinc	50.0	49.8		mg/Kg		100	80 - 120	

Lab Sample ID: LCSD 720-86559/3-A

Matrix: Solid

Analysis Batch: 86612

Client Sample ID: LCSD 720-86559/3-A

Prep Type: Total/NA

Prep Batch: 86559

Analyte	Spike	LCSD	LCSD	Unit	D	% Rec	% Rec.		RPD	
	Added	Result	Qualifier				Limits	RPD	Limit	
Antimony	50.0	48.3		mg/Kg		97	80 - 120	1	20	
Arsenic	50.0	45.0		mg/Kg		90	80 - 120	2	20	
Barium	50.0	48.9		mg/Kg		98	80 - 120	1	20	
Beryllium	50.0	49.0		mg/Kg		98	80 - 120	2	20	
Cadmium	50.0	47.8		mg/Kg		96	80 - 120	2	20	
Chromium	50.0	48.8		mg/Kg		98	80 - 120	2	20	
Cobalt	50.0	49.4		mg/Kg		99	80 - 120	2	20	
Copper	50.0	49.1		mg/Kg		98	80 - 120	2	20	
Lead	50.0	49.8		mg/Kg		100	80 - 120	2	20	
Molybdenum	50.0	50.6		mg/Kg		101	80 - 120	1	20	
Nickel	50.0	48.8		mg/Kg		98	80 - 120	2	20	
Selenium	50.0	47.0		mg/Kg		94	80 - 120	2	20	
Silver	25.0	25.0		mg/Kg		100	80 - 120	2	20	
Thallium	50.0	49.4		mg/Kg		99	80 - 120	2	20	
Vanadium	50.0	49.4		mg/Kg		99	80 - 120	2	20	
Zinc	50.0	48.6		mg/Kg		97	80 - 120	2	20	

Lab Sample ID: LCSSRM 720-86559/14-A

Matrix: Solid

Analysis Batch: 86612

Client Sample ID: LCSSRM 720-86559/14-A

Prep Type: Total/NA

Prep Batch: 86559

Analyte	Spike	LCSSRM	LCSSRM	Unit	D	% Rec	% Rec.	
	Added	Result	Qualifier				Limits	
Antimony	105	60.5		mg/Kg		58	11 - 101	
Arsenic	79.4	67.0		mg/Kg		84	69 - 119	
Barium	391	332		mg/Kg		85	61 - 117	
Beryllium	304	269		mg/Kg		89	56 - 102	
Cadmium	48.3	41.1		mg/Kg		85	67 - 118	
Chromium	171	151		mg/Kg		88	67 - 121	

# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33377-1

## Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCSSRM 720-86559/14-A  
Matrix: Solid  
Analysis Batch: 86612

Client Sample ID: LCSSRM 720-86559/14-A  
Prep Type: Total/NA  
Prep Batch: 86559

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	% Rec	% Rec. Limits
Cobalt	59.2	51.3		mg/Kg		87	64 - 133
Copper	327	298		mg/Kg		91	68 - 126
Lead	181	153		mg/Kg		84	62 - 113
Molybdenum	156	144		mg/Kg		92	62 - 128
Nickel	76.0	64.9		mg/Kg		85	65 - 117
Selenium	76.9	67.3		mg/Kg		87	63 - 126
Silver	29.1	26.5		mg/Kg		91	51 - 130
Thallium	192	158		mg/Kg		82	64 - 124
Vanadium	213	193		mg/Kg		91	67 - 123
Zinc	256	219		mg/Kg		85	62 - 110

## Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 720-86429/1-B  
Matrix: Water  
Analysis Batch: 86597

Client Sample ID: MB 720-86429/1-B  
Prep Type: Total/NA  
Prep Batch: 86552

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		02/22/11 08:13	02/22/11 13:10	1

## Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 720-86568/1-A  
Matrix: Solid  
Analysis Batch: 86620

Client Sample ID: MB 720-86568/1-A  
Prep Type: Total/NA  
Prep Batch: 86568

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.010		mg/Kg		02/22/11 10:50	02/22/11 15:34	1

Lab Sample ID: LCS 720-86568/2-A  
Matrix: Solid  
Analysis Batch: 86620

Client Sample ID: LCS 720-86568/2-A  
Prep Type: Total/NA  
Prep Batch: 86568

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Mercury	0.833	0.858		mg/Kg		103	80 - 120

Lab Sample ID: LCSD 720-86568/3-A  
Matrix: Solid  
Analysis Batch: 86620

Client Sample ID: LCSD 720-86568/3-A  
Prep Type: Total/NA  
Prep Batch: 86568

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Mercury	0.833	0.875		mg/Kg		105	80 - 120	2	20

# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33377-1

## Method: 1664A - HEM and SGT-HEM

**Lab Sample ID: MB 500-105967/1-A**  
**Matrix: Water**  
**Analysis Batch: 105968**

**Client Sample ID: MB 500-105967/1-A**  
**Prep Type: Total/NA**  
**Prep Batch: 105967**

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
HEM (Oil & Grease)	ND		5.0		mg/L		02/21/11 07:30	02/21/11 14:15	1

**Lab Sample ID: LCS 500-105967/2-A**  
**Matrix: Water**  
**Analysis Batch: 105968**

**Client Sample ID: LCS 500-105967/2-A**  
**Prep Type: Total/NA**  
**Prep Batch: 105967**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec.	
							Limits	
HEM (Oil & Grease)	40.0	36.4		mg/L		91	78 - 114	

**Lab Sample ID: LCSD 500-105967/3-A**  
**Matrix: Water**  
**Analysis Batch: 105968**

**Client Sample ID: LCSD 500-105967/3-A**  
**Prep Type: Total/NA**  
**Prep Batch: 105967**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec.		RPD
							Limits	RPD	Limit
HEM (Oil & Grease)	40.0	39.2		mg/L		98	78 - 114	7	18

## Method: 300.0 - Anions, Ion Chromatography

**Lab Sample ID: MB 720-86556/4**  
**Matrix: Water**  
**Analysis Batch: 86556**

**Client Sample ID: MB 720-86556/4**  
**Prep Type: Total/NA**

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chloride	ND		1.0		mg/L			02/22/11 08:27	1

**Lab Sample ID: LCS 720-86556/5**  
**Matrix: Water**  
**Analysis Batch: 86556**

**Client Sample ID: LCS 720-86556/5**  
**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec.	
							Limits	
Chloride	10.0	9.37		mg/L		94	90 - 110	

**Lab Sample ID: LCSD 720-86556/6**  
**Matrix: Water**  
**Analysis Batch: 86556**

**Client Sample ID: LCSD 720-86556/6**  
**Prep Type: Total/NA**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec.		RPD
							Limits	RPD	Limit
Chloride	10.0	9.48		mg/L		95	90 - 110	1	20

**Lab Sample ID: MB 720-86458/1-A**  
**Matrix: Solid**  
**Analysis Batch: 86467**

**Client Sample ID: MB 720-86458/1-A**  
**Prep Type: Soluble**

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chloride	ND		10		mg/Kg			02/18/11 20:42	1

# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33377-1

## Method: 300.0 - Anions, Ion Chromatography (Continued)

**Lab Sample ID: LCS 720-86458/2-A**  
**Matrix: Solid**  
**Analysis Batch: 86467**

**Client Sample ID: LCS 720-86458/2-A**  
**Prep Type: Soluble**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Chloride	100	95.5		mg/Kg		96	90 - 110

**Lab Sample ID: LCSD 720-86458/3-A**  
**Matrix: Solid**  
**Analysis Batch: 86467**

**Client Sample ID: LCSD 720-86458/3-A**  
**Prep Type: Soluble**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Chloride	100	95.3		mg/Kg		95	90 - 110	0	20

**Lab Sample ID: 720-33377-1 MS**  
**Matrix: Water**  
**Analysis Batch: 86467**

**Client Sample ID: SB-1**  
**Prep Type: Soluble**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Chloride	56		101	171		mg/Kg		114	80 - 120

**Lab Sample ID: 720-33377-1 MSD**  
**Matrix: Water**  
**Analysis Batch: 86467**

**Client Sample ID: SB-1**  
**Prep Type: Soluble**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Chloride	56		95.9	159		mg/Kg		107	80 - 120	7	20

## Method: 7196A - Chromium, Hexavalent

**Lab Sample ID: MB 500-105912/1-A**  
**Matrix: Solid**  
**Analysis Batch: 105915**

**Client Sample ID: MB 500-105912/1-A**  
**Prep Type: Total/NA**  
**Prep Batch: 105912**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		1.0		mg/Kg		02/17/11 13:30	02/18/11 08:15	1

**Lab Sample ID: LCS 500-105912/2-A**  
**Matrix: Solid**  
**Analysis Batch: 105915**

**Client Sample ID: LCS 500-105912/2-A**  
**Prep Type: Total/NA**  
**Prep Batch: 105912**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Chromium, hexavalent	10.0	8.38		mg/Kg		84	80 - 120

**Lab Sample ID: LCS 500-105912/3-A**  
**Matrix: Solid**  
**Analysis Batch: 105915**

**Client Sample ID: LCS 500-105912/3-A**  
**Prep Type: Total/NA**  
**Prep Batch: 105912**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Chromium, hexavalent	702	615		mg/Kg		88	80 - 120

# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33377-1

## Method: 7196A - Chromium, Hexavalent (Continued)

**Lab Sample ID: 720-33377-3 MS**

**Matrix: Solid**

**Analysis Batch: 105915**

**Client Sample ID: SB-2**

**Prep Type: Total/NA**

**Prep Batch: 105912**

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	% Rec	% Rec.	
	Result	Qualifier		Result	Qualifier				Limits	
Chromium, hexavalent	ND		16.6	4.81	F	mg/Kg		27	75 - 125	

**Lab Sample ID: 720-33377-3 MS**

**Matrix: Solid**

**Analysis Batch: 105915**

**Client Sample ID: SB-2**

**Prep Type: Total/NA**

**Prep Batch: 105912**

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	% Rec	% Rec.	
	Result	Qualifier		Result	Qualifier				Limits	
Chromium, hexavalent	ND		615	591		mg/Kg		96	75 - 125	

**Lab Sample ID: 720-33377-3 MSD**

**Matrix: Solid**

**Analysis Batch: 105915**

**Client Sample ID: SB-2**

**Prep Type: Total/NA**

**Prep Batch: 105912**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	% Rec	% Rec.		RPD
	Result	Qualifier		Result	Qualifier				Limits	RPD	Limit
Chromium, hexavalent	ND		16.8	5.74	F	mg/Kg		32	75 - 125	18	30

**Lab Sample ID: 720-33377-3 MSD**

**Matrix: Solid**

**Analysis Batch: 105915**

**Client Sample ID: SB-2**

**Prep Type: Total/NA**

**Prep Batch: 105912**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	% Rec	% Rec.		RPD
	Result	Qualifier		Result	Qualifier				Limits	RPD	Limit
Chromium, hexavalent	ND		688	493	F	mg/Kg		72	75 - 125	18	30

**Lab Sample ID: MB 720-86365/1**

**Matrix: Water**

**Analysis Batch: 86365**

**Client Sample ID: MB 720-86365/1**

**Prep Type: Total/NA**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Cr (VI)	ND		0.010		mg/L			02/16/11 16:20	1

**Lab Sample ID: LCS 720-86365/3**

**Matrix: Water**

**Analysis Batch: 86365**

**Client Sample ID: LCS 720-86365/3**

**Prep Type: Total/NA**

Analyte	Spike	Added	LCS	LCS	Unit	D	% Rec	% Rec.	
			Result	Qualifier				Limits	
Cr (VI)	0.250		0.254		mg/L		102	85 - 115	

**Lab Sample ID: LCSD 720-86365/4**

**Matrix: Water**

**Analysis Batch: 86365**

**Client Sample ID: LCSD 720-86365/4**

**Prep Type: Total/NA**

Analyte	Spike	Added	LCSD	LCSD	Unit	D	% Rec	% Rec.		RPD
			Result	Qualifier				Limits	RPD	Limit
Cr (VI)	0.250		0.256		mg/L		103	85 - 115	1	20

# Quality Control Data

Client: ACC Environmental Consultants  
 Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33377-1

## Method: 9071B - HEM

**Lab Sample ID: MB 500-105966/1-A**  
**Matrix: Solid**  
**Analysis Batch: 105971**

**Client Sample ID: MB 500-105966/1-A**  
**Prep Type: Total/NA**  
**Prep Batch: 105966**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
HEM (Oil & Grease)	ND		500		mg/Kg		02/21/11 06:45	02/21/11 12:30	1

**Lab Sample ID: LCS 500-105966/2-A**  
**Matrix: Solid**  
**Analysis Batch: 105971**

**Client Sample ID: LCS 500-105966/2-A**  
**Prep Type: Total/NA**  
**Prep Batch: 105966**

Analyte	Spike Added	LCS Result	LCS	Unit	D	% Rec	% Rec. Limits
			Qualifier				
HEM (Oil & Grease)	4000	4240		mg/Kg		106	80 - 120

- 1
- 2
- 3
- 4
- 5
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- 13
- 14

# QC Association Summary

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33377-1

## GC/MS VOA

### Analysis Batch: 86311

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-86341/4-A	LCS 720-86341/4-A	Total/NA	Solid	8260B/CA_LUF TMS	86341
LCSD 720-86341/5-A	LCSD 720-86341/5-A	Total/NA	Solid	8260B/CA_LUF TMS	86341
720-33377-1	SB-1	Total/NA	Solid	8260B/CA_LUF TMS	86341
720-33377-3	SB-2	Total/NA	Solid	8260B/CA_LUF TMS	86341
720-33377-5	SB-3	Total/NA	Solid	8260B/CA_LUF TMS	86341
MB 720-86341/1-A	MB 720-86341/1-A	Total/NA	Solid	8260B/CA_LUF TMS	86341
LCS 720-86341/2-A	LCS 720-86341/2-A	Total/NA	Solid	8260B/CA_LUF TMS	86341
LCSD 720-86341/3-A	LCSD 720-86341/3-A	Total/NA	Solid	8260B/CA_LUF TMS	86341

### Prep Batch: 86341

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86341/1-A	MB 720-86341/1-A	Total/NA	Solid	5035	
720-33377-5	SB-3	Total/NA	Solid	5035	
LCS 720-86341/2-A	LCS 720-86341/2-A	Total/NA	Solid	5035	
LCSD 720-86341/3-A	LCSD 720-86341/3-A	Total/NA	Solid	5035	
LCS 720-86341/4-A	LCS 720-86341/4-A	Total/NA	Solid	5035	
LCSD 720-86341/5-A	LCSD 720-86341/5-A	Total/NA	Solid	5035	
720-33377-1	SB-1	Total/NA	Solid	5035	
720-33377-3	SB-2	Total/NA	Solid	5035	

### Analysis Batch: 86357

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33377-2	SB-1	Total/NA	Water	8260B	
720-33377-4	SB-2	Total/NA	Water	8260B	
MB 720-86357/4	MB 720-86357/4	Total/NA	Water	8260B	
LCS 720-86357/5	LCS 720-86357/5	Total/NA	Water	8260B	
LCSD 720-86357/6	LCSD 720-86357/6	Total/NA	Water	8260B	
LCS 720-86357/7	LCS 720-86357/7	Total/NA	Water	8260B	
LCSD 720-86357/8	LCSD 720-86357/8	Total/NA	Water	8260B	

## GC/MS Semi VOA

### Prep Batch: 86361

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86361/1-A	MB 720-86361/1-A	Total/NA	Solid	3550B	
LCS 720-86361/2-A	LCS 720-86361/2-A	Total/NA	Solid	3550B	
LCSD 720-86361/3-A	LCSD 720-86361/3-A	Total/NA	Solid	3550B	
720-33377-1	SB-1	Total/NA	Solid	3550B	
720-33377-3	SB-2	Total/NA	Solid	3550B	
720-33377-3 MS	SB-2	Total/NA	Water	3550B	
720-33377-3 MSD	SB-2	Total/NA	Water	3550B	
720-33377-5	SB-3	Total/NA	Solid	3550B	

### Prep Batch: 86362

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86362/1-A	MB 720-86362/1-A	Total/NA	Solid	3550B	
LCS 720-86362/2-A	LCS 720-86362/2-A	Total/NA	Solid	3550B	
LCSD 720-86362/3-A	LCSD 720-86362/3-A	Total/NA	Solid	3550B	



# QC Association Summary

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33377-1

## GC/MS Semi VOA (Continued)

### Prep Batch: 86362 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33377-1	SB-1	Total/NA	Solid	3550B	
720-33377-3	SB-2	Total/NA	Solid	3550B	
720-33377-3 MS	SB-2	Total/NA	Water	3550B	
720-33377-3 MSD	SB-2	Total/NA	Water	3550B	
720-33377-5	SB-3	Total/NA	Solid	3550B	

### Analysis Batch: 86397

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-86361/2-A	LCS 720-86361/2-A	Total/NA	Solid	8270C SIM	86361
LCSD 720-86361/3-A	LCSD 720-86361/3-A	Total/NA	Solid	8270C SIM	86361
MB 720-86361/1-A	MB 720-86361/1-A	Total/NA	Solid	8270C SIM	86361
720-33377-1	SB-1	Total/NA	Solid	8270C SIM	86361
720-33377-3	SB-2	Total/NA	Solid	8270C SIM	86361
720-33377-3 MS	SB-2	Total/NA	Water	8270C SIM	86361
720-33377-3 MSD	SB-2	Total/NA	Water	8270C SIM	86361
720-33377-5	SB-3	Total/NA	Solid	8270C SIM	86361

### Analysis Batch: 86404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33377-3 MS	SB-2	Total/NA	Water	8270C	86362
720-33377-3 MSD	SB-2	Total/NA	Water	8270C	86362
LCS 720-86362/2-A	LCS 720-86362/2-A	Total/NA	Solid	8270C	86362
LCSD 720-86362/3-A	LCSD 720-86362/3-A	Total/NA	Solid	8270C	86362
MB 720-86362/1-A	MB 720-86362/1-A	Total/NA	Solid	8270C	86362
720-33377-1	SB-1	Total/NA	Solid	8270C	86362
720-33377-3	SB-2	Total/NA	Solid	8270C	86362
720-33377-5	SB-3	Total/NA	Solid	8270C	86362

### Prep Batch: 86409

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86409/1-A	MB 720-86409/1-A	Total/NA	Water	3510C	
LCS 720-86409/2-A	LCS 720-86409/2-A	Total/NA	Water	3510C	
LCSD 720-86409/3-A	LCSD 720-86409/3-A	Total/NA	Water	3510C	
720-33377-2	SB-1	Total/NA	Water	3510C	
720-33377-4	SB-2	Total/NA	Water	3510C	

### Analysis Batch: 86464

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-86409/2-A	LCS 720-86409/2-A	Total/NA	Water	8270C	86409
LCSD 720-86409/3-A	LCSD 720-86409/3-A	Total/NA	Water	8270C	86409
720-33377-2	SB-1	Total/NA	Water	8270C	86409
720-33377-4	SB-2	Total/NA	Water	8270C	86409

### Prep Batch: 86576

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86576/1-A	MB 720-86576/1-A	Total/NA	Water	3510C	
720-33377-2	SB-1	Total/NA	Water	3510C	
720-33377-4	SB-2	Total/NA	Water	3510C	
LCS 720-86576/2-A	LCS 720-86576/2-A	Total/NA	Water	3510C	
LCSD 720-86576/3-A	LCSD 720-86576/3-A	Total/NA	Water	3510C	

# QC Association Summary

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33377-1

## GC/MS Semi VOA (Continued)

### Analysis Batch: 86582

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86409/1-A	MB 720-86409/1-A	Total/NA	Water	8270C	86409

### Analysis Batch: 86654

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-86576/2-A	LCS 720-86576/2-A	Total/NA	Water	8270C SIM	86576
LCSD 720-86576/3-A	LCSD 720-86576/3-A	Total/NA	Water	8270C SIM	86576
MB 720-86576/1-A	MB 720-86576/1-A	Total/NA	Water	8270C SIM	86576
720-33377-2	SB-1	Total/NA	Water	8270C SIM	86576
720-33377-4	SB-2	Total/NA	Water	8270C SIM	86576

## GC Semi VOA

### Analysis Batch: 86306

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33377-1	SB-1	Total/NA	Solid	8015B	86327
720-33377-3	SB-2	Total/NA	Solid	8015B	86327

### Analysis Batch: 86307

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-86327/2-A	LCS 720-86327/2-A	Total/NA	Solid	8015B	86327
LCSD 720-86327/3-A	LCSD 720-86327/3-A	Total/NA	Solid	8015B	86327
MB 720-86327/1-A	MB 720-86327/1-A	Total/NA	Solid	8015B	86327

### Prep Batch: 86327

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86327/1-A	MB 720-86327/1-A	Total/NA	Solid	3550B	
720-33377-1	SB-1	Total/NA	Solid	3550B	
720-33377-3	SB-2	Total/NA	Solid	3550B	
720-33377-5	SB-3	Total/NA	Solid	3550B	
LCS 720-86327/2-A	LCS 720-86327/2-A	Total/NA	Solid	3550B	
LCSD 720-86327/3-A	LCSD 720-86327/3-A	Total/NA	Solid	3550B	

### Prep Batch: 86329

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86329/1-A	MB 720-86329/1-A	Total/NA	Solid	3550B	
720-33377-1	SB-1	Total/NA	Solid	3550B	
720-33377-3	SB-2	Total/NA	Solid	3550B	
720-33377-5	SB-3	Total/NA	Solid	3550B	
LCS 720-86329/2-A	LCS 720-86329/2-A	Total/NA	Solid	3550B	
LCSD 720-86329/3-A	LCSD 720-86329/3-A	Total/NA	Solid	3550B	

### Prep Batch: 86337

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86337/1-A	MB 720-86337/1-A	Total/NA	Water	3510C	
LCS 720-86337/2-A	LCS 720-86337/2-A	Total/NA	Water	3510C	
LCSD 720-86337/3-A	LCSD 720-86337/3-A	Total/NA	Water	3510C	
720-33377-4	SB-2	Total/NA	Water	3510C	

### Prep Batch: 86359

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86359/1-A	MB 720-86359/1-A	Total/NA	Water	3510C	
LCS 720-86359/2-A	LCS 720-86359/2-A	Total/NA	Water	3510C	

# QC Association Summary

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33377-1

## GC Semi VOA (Continued)

### Prep Batch: 86359 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 720-86359/3-A	LCSD 720-86359/3-A	Total/NA	Water	3510C	
720-33377-2	SB-1	Total/NA	Water	3510C	
720-33377-4	SB-2	Total/NA	Water	3510C	

### Analysis Batch: 86372

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 720-86337/3-A	LCSD 720-86337/3-A	Total/NA	Water	8015B	86337
MB 720-86337/1-A	MB 720-86337/1-A	Total/NA	Water	8015B	86337
LCS 720-86337/2-A	LCS 720-86337/2-A	Total/NA	Water	8015B	86337

### Analysis Batch: 86373

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33377-4	SB-2	Total/NA	Water	8015B	86337

### Analysis Batch: 86381

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86329/1-A	MB 720-86329/1-A	Total/NA	Solid	8082_ASP	86329
LCS 720-86329/2-A	LCS 720-86329/2-A	Total/NA	Solid	8082_ASP	86329
LCSD 720-86329/3-A	LCSD 720-86329/3-A	Total/NA	Solid	8082_ASP	86329
720-33377-1	SB-1	Total/NA	Solid	8082_ASP	86329
720-33377-3	SB-2	Total/NA	Solid	8082_ASP	86329
720-33377-5	SB-3	Total/NA	Solid	8082_ASP	86329
MB 720-86359/1-A	MB 720-86359/1-A	Total/NA	Water	8082	86359
LCS 720-86359/2-A	LCS 720-86359/2-A	Total/NA	Water	8082	86359
LCSD 720-86359/3-A	LCSD 720-86359/3-A	Total/NA	Water	8082	86359

### Analysis Batch: 86444

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33377-2	SB-1	Total/NA	Water	8082	86359
720-33377-4	SB-2	Total/NA	Water	8082	86359

### Prep Batch: 86540

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86540/1-A	MB 720-86540/1-A	Total/NA	Water	3510C	
LCS 720-86540/2-A	LCS 720-86540/2-A	Total/NA	Water	3510C	
LCSD 720-86540/3-A	LCSD 720-86540/3-A	Total/NA	Water	3510C	
720-33377-2	SB-1	Total/NA	Water	3510C	

### Analysis Batch: 86545

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33377-2	SB-1	Total/NA	Water	8015B	86540
MB 720-86540/1-A	MB 720-86540/1-A	Total/NA	Water	8015B	86540
LCS 720-86540/2-A	LCS 720-86540/2-A	Total/NA	Water	8015B	86540
LCSD 720-86540/3-A	LCSD 720-86540/3-A	Total/NA	Water	8015B	86540

### Analysis Batch: 86640

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33377-5	SB-3	Total/NA	Solid	8015B	86329

# QC Association Summary

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33377-1

## Metals

### Prep Batch: 86498

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86498/1-A	MB 720-86498/1-A	Total/NA	Water	3010A	
720-33377-4	SB-2	Total/NA	Water	3010A	
LCS 720-86498/2-A	LCS 720-86498/2-A	Total/NA	Water	3010A	
LCSD 720-86498/3-A	LCSD 720-86498/3-A	Total/NA	Water	3010A	
720-33377-2	SB-1	Total/NA	Water	3010A	

### Prep Batch: 86552

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33377-2	SB-1	Total/NA	Water	7470A	
720-33377-4	SB-2	Total/NA	Water	7470A	
MB 720-86429/1-B	MB 720-86429/1-B	Total/NA	Water	7470A	

### Prep Batch: 86559

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86559/1-A	MB 720-86559/1-A	Total/NA	Solid	3050B	
720-33377-5	SB-3	Total/NA	Solid	3050B	
LCSSRM 720-86559/14-A	LCSSRM 720-86559/14-A	Total/NA	Solid	3050B	
LCS 720-86559/2-A	LCS 720-86559/2-A	Total/NA	Solid	3050B	
LCSD 720-86559/3-A	LCSD 720-86559/3-A	Total/NA	Solid	3050B	
720-33377-1	SB-1	Total/NA	Solid	3050B	
720-33377-3	SB-2	Total/NA	Solid	3050B	

### Prep Batch: 86568

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86568/1-A	MB 720-86568/1-A	Total/NA	Solid	7471A	
720-33377-1	SB-1	Total/NA	Solid	7471A	
720-33377-3	SB-2	Total/NA	Solid	7471A	
720-33377-5	SB-3	Total/NA	Solid	7471A	
LCS 720-86568/2-A	LCS 720-86568/2-A	Total/NA	Solid	7471A	
LCSD 720-86568/3-A	LCSD 720-86568/3-A	Total/NA	Solid	7471A	

### Analysis Batch: 86573

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86498/1-A	MB 720-86498/1-A	Total/NA	Water	6010B	86498
720-33377-4	SB-2	Total/NA	Water	6010B	86498
LCS 720-86498/2-A	LCS 720-86498/2-A	Total/NA	Water	6010B	86498
LCSD 720-86498/3-A	LCSD 720-86498/3-A	Total/NA	Water	6010B	86498
720-33377-2	SB-1	Total/NA	Water	6010B	86498

### Analysis Batch: 86597

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33377-2	SB-1	Total/NA	Water	7470A	86552
720-33377-4	SB-2	Total/NA	Water	7470A	86552
MB 720-86429/1-B	MB 720-86429/1-B	Total/NA	Water	7470A	86552

### Analysis Batch: 86612

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86559/1-A	MB 720-86559/1-A	Total/NA	Solid	6010B	86559
720-33377-5	SB-3	Total/NA	Solid	6010B	86559
LCSSRM 720-86559/14-A	LCSSRM 720-86559/14-A	Total/NA	Solid	6010B	86559
LCS 720-86559/2-A	LCS 720-86559/2-A	Total/NA	Solid	6010B	86559
LCSD 720-86559/3-A	LCSD 720-86559/3-A	Total/NA	Solid	6010B	86559



# QC Association Summary

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33377-1

## Metals (Continued)

### Analysis Batch: 86612 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33377-1	SB-1	Total/NA	Solid	6010B	86559
720-33377-3	SB-2	Total/NA	Solid	6010B	86559

### Analysis Batch: 86620

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33377-1	SB-1	Total/NA	Solid	7471A	86568
720-33377-3	SB-2	Total/NA	Solid	7471A	86568
720-33377-5	SB-3	Total/NA	Solid	7471A	86568
MB 720-86568/1-A	MB 720-86568/1-A	Total/NA	Solid	7471A	86568
LCS 720-86568/2-A	LCS 720-86568/2-A	Total/NA	Solid	7471A	86568
LCSD 720-86568/3-A	LCSD 720-86568/3-A	Total/NA	Solid	7471A	86568

## General Chemistry

### Prep Batch: 105912

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-105912/1-A	MB 500-105912/1-A	Total/NA	Solid	3060A	
720-33377-3 MS	SB-2	Total/NA	Solid	3060A	
720-33377-3 MSD	SB-2	Total/NA	Solid	3060A	
720-33377-3 MS	SB-2	Total/NA	Solid	3060A	
720-33377-3 MSD	SB-2	Total/NA	Solid	3060A	
720-33377-5	SB-3	Total/NA	Solid	3060A	
LCS 500-105912/2-A	LCS 500-105912/2-A	Total/NA	Solid	3060A	
LCS 500-105912/3-A	LCS 500-105912/3-A	Total/NA	Solid	3060A	
720-33377-1	SB-1	Total/NA	Solid	3060A	
720-33377-3	SB-2	Total/NA	Solid	3060A	

### Analysis Batch: 105915

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33377-1	SB-1	Total/NA	Solid	7196A	105912
720-33377-3	SB-2	Total/NA	Solid	7196A	105912
720-33377-3 MS	SB-2	Total/NA	Solid	7196A	105912
720-33377-3 MSD	SB-2	Total/NA	Solid	7196A	105912
720-33377-3 MS	SB-2	Total/NA	Solid	7196A	105912
720-33377-3 MSD	SB-2	Total/NA	Solid	7196A	105912
720-33377-5	SB-3	Total/NA	Solid	7196A	105912
MB 500-105912/1-A	MB 500-105912/1-A	Total/NA	Solid	7196A	105912
LCS 500-105912/2-A	LCS 500-105912/2-A	Total/NA	Solid	7196A	105912
LCS 500-105912/3-A	LCS 500-105912/3-A	Total/NA	Solid	7196A	105912

### Prep Batch: 105966

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-105966/1-A	MB 500-105966/1-A	Total/NA	Solid	9071B	
LCS 500-105966/2-A	LCS 500-105966/2-A	Total/NA	Solid	9071B	
720-33377-1	SB-1	Total/NA	Solid	9071B	
720-33377-3	SB-2	Total/NA	Solid	9071B	
720-33377-5	SB-3	Total/NA	Solid	9071B	

### Prep Batch: 105967

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-105967/1-A	MB 500-105967/1-A	Total/NA	Water	1664A	
720-33377-4	SB-2	Total/NA	Water	1664A	

# QC Association Summary

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33377-1

## General Chemistry (Continued)

### Prep Batch: 105967 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-105967/2-A	LCS 500-105967/2-A	Total/NA	Water	1664A	
LCSD 500-105967/3-A	LCSD 500-105967/3-A	Total/NA	Water	1664A	
720-33377-2	SB-1	Total/NA	Water	1664A	

### Analysis Batch: 105968

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-105967/1-A	MB 500-105967/1-A	Total/NA	Water	1664A	105967
720-33377-4	SB-2	Total/NA	Water	1664A	105967
LCS 500-105967/2-A	LCS 500-105967/2-A	Total/NA	Water	1664A	105967
LCSD 500-105967/3-A	LCSD 500-105967/3-A	Total/NA	Water	1664A	105967
720-33377-2	SB-1	Total/NA	Water	1664A	105967

### Analysis Batch: 105971

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-105966/1-A	MB 500-105966/1-A	Total/NA	Solid	9071B	105966
LCS 500-105966/2-A	LCS 500-105966/2-A	Total/NA	Solid	9071B	105966
720-33377-1	SB-1	Total/NA	Solid	9071B	105966
720-33377-3	SB-2	Total/NA	Solid	9071B	105966
720-33377-5	SB-3	Total/NA	Solid	9071B	105966

### Analysis Batch: 86365

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86365/1	MB 720-86365/1	Total/NA	Water	7196A	
720-33377-4	SB-2	Total/NA	Water	7196A	
LCS 720-86365/3	LCS 720-86365/3	Total/NA	Water	7196A	
LCSD 720-86365/4	LCSD 720-86365/4	Total/NA	Water	7196A	
720-33377-2	SB-1	Total/NA	Water	7196A	

### Leach Batch: 86458

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86458/1-A	MB 720-86458/1-A	Soluble	Solid	DI Leach	
LCS 720-86458/2-A	LCS 720-86458/2-A	Soluble	Solid	DI Leach	
LCSD 720-86458/3-A	LCSD 720-86458/3-A	Soluble	Solid	DI Leach	
720-33377-1	SB-1	Soluble	Solid	DI Leach	
720-33377-1 MS	SB-1	Soluble	Water	DI Leach	
720-33377-1 MSD	SB-1	Soluble	Water	DI Leach	
720-33377-3	SB-2	Soluble	Solid	DI Leach	
720-33377-5	SB-3	Soluble	Solid	DI Leach	

### Analysis Batch: 86467

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86458/1-A	MB 720-86458/1-A	Soluble	Solid	300.0	
LCS 720-86458/2-A	LCS 720-86458/2-A	Soluble	Solid	300.0	
LCSD 720-86458/3-A	LCSD 720-86458/3-A	Soluble	Solid	300.0	
720-33377-1	SB-1	Soluble	Solid	300.0	
720-33377-1 MS	SB-1	Soluble	Water	300.0	
720-33377-1 MSD	SB-1	Soluble	Water	300.0	
720-33377-3	SB-2	Soluble	Solid	300.0	
720-33377-5	SB-3	Soluble	Solid	300.0	

# QC Association Summary

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33377-1

## General Chemistry (Continued)

### Analysis Batch: 86556

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33377-4	SB-2	Total/NA	Water	300.0	
720-33377-2	SB-1	Total/NA	Water	300.0	
MB 720-86556/4	MB 720-86556/4	Total/NA	Water	300.0	
LCS 720-86556/5	LCS 720-86556/5	Total/NA	Water	300.0	
LCSD 720-86556/6	LCSD 720-86556/6	Total/NA	Water	300.0	

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# Lab Chronicle

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33377-1

**Client Sample ID: SB-1**  
**Date Collected: 02/15/11 08:30**  
**Date Received: 02/16/11 11:15**

**Lab Sample ID: 720-33377-1**  
**Matrix: Solid**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5035			86341	02/16/11 17:00	PGM	TestAmerica San Francisco
Total/NA	Analysis	8260B/CA_LUF TMS		1	86311	02/16/11 17:24	YB	TestAmerica San Francisco
Total/NA	Prep	3550B			86361	02/16/11 18:32	RU	TestAmerica San Francisco
Total/NA	Analysis	8270C SIM		2	86397	02/17/11 15:35	ML	TestAmerica San Francisco
Total/NA	Prep	3550B			86362	02/16/11 18:34	RU	TestAmerica San Francisco
Total/NA	Analysis	8270C		1	86404	02/17/11 14:36	ML	TestAmerica San Francisco
Total/NA	Prep	3550B			86327	02/16/11 16:19	AM	TestAmerica San Francisco
Total/NA	Analysis	8015B		1	86306	02/17/11 00:53	DH	TestAmerica San Francisco
Total/NA	Prep	3550B			86329	02/16/11 16:21	AM	TestAmerica San Francisco
Total/NA	Analysis	8082_ASP		1	86381	02/17/11 16:18	EC	TestAmerica San Francisco
Total/NA	Prep	3050B			86559	02/22/11 09:39	ET	TestAmerica San Francisco
Total/NA	Analysis	6010B		4	86612	02/22/11 15:16	BA	TestAmerica San Francisco
Total/NA	Prep	7471A			86568	02/22/11 10:50	JR	TestAmerica San Francisco
Total/NA	Analysis	7471A		1	86620	02/22/11 16:21	ET	TestAmerica San Francisco
Total/NA	Prep	3060A			105912	02/17/11 13:30	PMF	TestAmerica Chicago
Total/NA	Analysis	7196A		1	105915	02/18/11 08:19	PMF	TestAmerica Chicago
Total/NA	Prep	9071B			105966	02/21/11 06:45	MTB	TestAmerica Chicago
Total/NA	Analysis	9071B		1	105971	02/21/11 12:42	MTB	TestAmerica Chicago
Soluble	Leach	DI Leach			86458	02/18/11 10:01	MJK	TestAmerica San Francisco
Soluble	Analysis	300.0		1	86467	02/18/11 21:42	MJK	TestAmerica San Francisco

**Client Sample ID: SB-1**  
**Date Collected: 02/15/11 08:30**  
**Date Received: 02/16/11 11:15**

**Lab Sample ID: 720-33377-2**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	86357	02/17/11 04:47	AC	TestAmerica San Francisco
Total/NA	Prep	3510C			86409	02/17/11 13:39	NP	TestAmerica San Francisco
Total/NA	Analysis	8270C		1	86464	02/18/11 14:06	ML	TestAmerica San Francisco
Total/NA	Prep	3510C			86576	02/22/11 16:24	JRM	TestAmerica San Francisco
Total/NA	Analysis	8270C SIM		1	86654	02/23/11 12:02	ML	TestAmerica San Francisco
Total/NA	Prep	3510C			86359	02/16/11 17:21	NP	TestAmerica San Francisco
Total/NA	Analysis	8082		1	86444	02/18/11 10:44	EC	TestAmerica San Francisco
Total/NA	Prep	3510C			86540	02/19/11 10:22	JRM	TestAmerica San Francisco
Total/NA	Analysis	8015B		1	86545	02/22/11 10:52	DH	TestAmerica San Francisco
Total/NA	Prep	3010A			86498	02/18/11 14:20	sk	TestAmerica San Francisco
Total/NA	Analysis	6010B		1	86573	02/22/11 10:32	EFH	TestAmerica San Francisco
Total/NA	Prep	7470A			86552	02/22/11 08:13	ET	TestAmerica San Francisco
Total/NA	Analysis	7470A		1	86597	02/22/11 13:06	EFH	TestAmerica San Francisco
Total/NA	Prep	1664A			105967	02/21/11 09:41	MTB	TestAmerica Chicago
Total/NA	Analysis	1664A		1	105968	02/21/11 14:46	MTB	TestAmerica Chicago
Total/NA	Analysis	7196A		1	86365	02/16/11 16:20	EYT	TestAmerica San Francisco
Total/NA	Analysis	300.0		100	86556	02/22/11 17:01	MJK	TestAmerica San Francisco



# Lab Chronicle

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33377-1

**Client Sample ID: SB-2**

**Date Collected: 02/15/11 10:00**

**Date Received: 02/16/11 11:15**

**Lab Sample ID: 720-33377-3**

**Matrix: Solid**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5035			86341	02/16/11 17:00	PGM	TestAmerica San Francisco
Total/NA	Analysis	8260B/CA_LUF TMS		1	86311	02/16/11 17:57	YB	TestAmerica San Francisco
Total/NA	Prep	3550B			86361	02/16/11 18:32	RU	TestAmerica San Francisco
Total/NA	Analysis	8270C SIM		1	86397	02/17/11 15:58	ML	TestAmerica San Francisco
Total/NA	Prep	3550B			86362	02/16/11 18:34	RU	TestAmerica San Francisco
Total/NA	Analysis	8270C		1	86404	02/17/11 15:08	ML	TestAmerica San Francisco
Total/NA	Prep	3550B			86327	02/16/11 16:19	AM	TestAmerica San Francisco
Total/NA	Analysis	8015B		1	86306	02/17/11 01:16	DH	TestAmerica San Francisco
Total/NA	Prep	3550B			86329	02/16/11 16:21	AM	TestAmerica San Francisco
Total/NA	Analysis	8082_ASP		1	86381	02/17/11 16:35	EC	TestAmerica San Francisco
Total/NA	Prep	3050B			86559	02/22/11 09:39	ET	TestAmerica San Francisco
Total/NA	Analysis	6010B		4	86612	02/22/11 15:20	BA	TestAmerica San Francisco
Total/NA	Prep	7471A			86568	02/22/11 10:50	JR	TestAmerica San Francisco
Total/NA	Analysis	7471A		1	86620	02/22/11 16:23	ET	TestAmerica San Francisco
Total/NA	Prep	3060A			105912	02/17/11 13:30	PMF	TestAmerica Chicago
Total/NA	Analysis	7196A		1	105915	02/18/11 08:20	PMF	TestAmerica Chicago
Total/NA	Prep	9071B			105966	02/21/11 06:45	MTB	TestAmerica Chicago
Total/NA	Analysis	9071B		1	105971	02/21/11 12:48	MTB	TestAmerica Chicago
Soluble	Leach	DI Leach			86458	02/18/11 10:01	MJK	TestAmerica San Francisco
Soluble	Analysis	300.0		1	86467	02/18/11 23:25	MJK	TestAmerica San Francisco

**Client Sample ID: SB-2**

**Date Collected: 02/15/11 10:00**

**Date Received: 02/16/11 11:15**

**Lab Sample ID: 720-33377-4**

**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	86357	02/17/11 05:20	AC	TestAmerica San Francisco
Total/NA	Prep	3510C			86409	02/17/11 13:39	NP	TestAmerica San Francisco
Total/NA	Analysis	8270C		1	86464	02/18/11 14:38	ML	TestAmerica San Francisco
Total/NA	Prep	3510C			86576	02/22/11 16:24	JRM	TestAmerica San Francisco
Total/NA	Analysis	8270C SIM		1	86654	02/23/11 12:25	ML	TestAmerica San Francisco
Total/NA	Prep	3510C			86337	02/16/11 16:49	NP	TestAmerica San Francisco
Total/NA	Analysis	8015B		1	86373	02/17/11 12:44	DH	TestAmerica San Francisco
Total/NA	Prep	3510C			86359	02/16/11 17:21	NP	TestAmerica San Francisco
Total/NA	Analysis	8082		1	86444	02/18/11 11:01	EC	TestAmerica San Francisco
Total/NA	Prep	3010A			86498	02/18/11 14:20	sk	TestAmerica San Francisco
Total/NA	Analysis	6010B		1	86573	02/22/11 10:36	EFH	TestAmerica San Francisco
Total/NA	Prep	7470A			86552	02/22/11 08:13	ET	TestAmerica San Francisco
Total/NA	Analysis	7470A		1	86597	02/22/11 13:08	EFH	TestAmerica San Francisco
Total/NA	Prep	1664A			105967	02/21/11 09:58	MTB	TestAmerica Chicago
Total/NA	Analysis	1664A		1	105968	02/21/11 14:50	MTB	TestAmerica Chicago
Total/NA	Analysis	7196A		1	86365	02/16/11 16:20	EYT	TestAmerica San Francisco
Total/NA	Analysis	300.0		10	86556	02/22/11 16:44	MJK	TestAmerica San Francisco

# Lab Chronicle

Client: ACC Environmental Consultants  
 Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33377-1

**Client Sample ID: SB-3**

**Date Collected: 02/15/11 12:00**

**Date Received: 02/16/11 11:15**

**Lab Sample ID: 720-33377-5**

**Matrix: Solid**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5035			86341	02/16/11 17:00	PGM	TestAmerica San Francisco
Total/NA	Analysis	8260B/CA_LUF TMS		1	86311	02/16/11 18:28	YB	TestAmerica San Francisco
Total/NA	Prep	3550B			86361	02/16/11 18:32	RU	TestAmerica San Francisco
Total/NA	Analysis	8270C SIM		2	86397	02/17/11 17:08	ML	TestAmerica San Francisco
Total/NA	Prep	3550B			86362	02/16/11 18:34	RU	TestAmerica San Francisco
Total/NA	Analysis	8270C		1	86404	02/17/11 15:41	ML	TestAmerica San Francisco
Total/NA	Prep	3550B			86329	02/16/11 16:21	AM	TestAmerica San Francisco
Total/NA	Analysis	8082_ASP		1	86381	02/17/11 17:15	EC	TestAmerica San Francisco
Total/NA	Prep	3550B			86327	02/16/11 16:19	AM	TestAmerica San Francisco
Total/NA	Analysis	8015B		1	86640	02/23/11 11:32	DH	TestAmerica San Francisco
Total/NA	Prep	3050B			86559	02/22/11 09:39	ET	TestAmerica San Francisco
Total/NA	Analysis	6010B		4	86612	02/22/11 15:24	BA	TestAmerica San Francisco
Total/NA	Prep	7471A			86568	02/22/11 10:50	JR	TestAmerica San Francisco
Total/NA	Analysis	7471A		1	86620	02/22/11 16:25	ET	TestAmerica San Francisco
Total/NA	Prep	3060A			105912	02/17/11 13:30	PMF	TestAmerica Chicago
Total/NA	Analysis	7196A		1	105915	02/18/11 08:22	PMF	TestAmerica Chicago
Total/NA	Prep	9071B			105966	02/21/11 06:45	MTB	TestAmerica Chicago
Total/NA	Analysis	9071B		1	105971	02/21/11 12:54	MTB	TestAmerica Chicago
Soluble	Leach	DI Leach			86458	02/18/11 10:01	MJK	TestAmerica San Francisco
Soluble	Analysis	300.0		1	86467	02/18/11 23:59	MJK	TestAmerica San Francisco

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# Certification Summary

Client: ACC Environmental Consultants  
 Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33377-1

Laboratory	Authority	Program	EPA Region	Certification ID	* Expiration Date
TestAmerica San Francisco	California	State Program	9	2496	01/31/12
TestAmerica Chicago		USDA		P330-09-00027	02/03/12
TestAmerica Chicago	ACLASS	DoD ELAP	0	ADE-1429	01/06/12
TestAmerica Chicago	ACLASS	ISO/IEC 17025	0	AT-1428	01/06/12
TestAmerica Chicago	Alabama	State Program	4	40461	04/30/11
TestAmerica Chicago	California	NELAC	9	01132CA	04/30/11
TestAmerica Chicago	Florida	NELAC	4	E871072	06/30/11
TestAmerica Chicago	Georgia	Georgia EPD	4	N/A	04/30/11
TestAmerica Chicago	Georgia	State Program	4	939	04/30/11
TestAmerica Chicago	Hawaii	State Program	9	N/A	04/30/11
TestAmerica Chicago	Illinois	NELAC	5	100201	04/30/11
TestAmerica Chicago	Indiana	State Program	5	C-IL-02	04/30/11
TestAmerica Chicago	Iowa	State Program	7	82	05/01/12
TestAmerica Chicago	Kansas	NELAC	7	E-10161	10/31/11
TestAmerica Chicago	Kentucky	Kentucky UST	4	66	05/13/11
TestAmerica Chicago	Kentucky	State Program	4	90023	12/31/11
TestAmerica Chicago	Louisiana	NELAC	6	30720	06/30/11
TestAmerica Chicago	Massachusetts	State Program	1	M-IL035	06/30/11
TestAmerica Chicago	Mississippi	State Program	4	N/A	04/30/11
TestAmerica Chicago	North Carolina	North Carolina DENR	4	291	12/31/11
TestAmerica Chicago	Oklahoma	State Program	6	8908	08/31/11
TestAmerica Chicago	South Carolina	State Program	4	77001	04/30/11
TestAmerica Chicago	Texas	NELAC	6	T104704252-09-TX	02/28/11
TestAmerica Chicago	Wisconsin	State Program	5	999580010	08/31/11
TestAmerica Chicago	Wyoming	State Program	8	8TMS-Q	04/30/11

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

\* Any expired certifications in this list are currently pending renewal and are considered valid.



# Method Summary

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33377-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL SF
8260B/CA_LUFT MS	8260B / CA LUFT MS	SW846	TAL SF
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL SF
8270C SIM	PAHs by GCMS (SIM)	SW846	TAL SF
8015B	Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	SW846	TAL SF
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL SF
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL SF
8082_ASP	Polychlorinated Biphenyls (PCBs) (GC)	SW846	TAL SF
6010B	Metals (ICP)	SW846	TAL SF
7470A	Mercury (CVAA)	SW846	TAL SF
7471A	Mercury (CVAA)	SW846	TAL SF
1664A	HEM and SGT-HEM	1664A	TAL CHI
300.0	Anions, Ion Chromatography	MCAWW	TAL SF
7196A	Chromium, Hexavalent	SW846	TAL CHI
7196A	Chromium, Hexavalent	SW846	TAL SF
9071B	HEM	SW846	TAL CHI

#### Protocol References:

1664A = EPA-821-98-002

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

#### Laboratory References:

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

TAL SF = TestAmerica San Francisco, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

# Sample Summary

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33377-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-33377-1	SB-1	Solid	02/15/11 08:30	02/16/11 11:15
720-33377-2	SB-1	Water	02/15/11 08:30	02/16/11 11:15
720-33377-3	SB-2	Solid	02/15/11 10:00	02/16/11 11:15
720-33377-4	SB-2	Water	02/15/11 10:00	02/16/11 11:15
720-33377-5	SB-3	Solid	02/15/11 12:00	02/16/11 11:15

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# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TESTAMERICA San Francisco Chain of Custody

1220 Quarry Lane • Pleasanton CA 94566-4756  
 Phone: (925) 484-1919 Fax: (925) 600-3002

726-3337

Reference #: 129695

Date: 2/15/11 Page: of

## Report To: Analysis Request

Attn: Julia Sindyla  
 Company: ACC Environmental  
 Address: 7977 Baywood Dr. Oakland  
 Phone: 510 638 8400 Email: jsindyla@accenv.com  
 Bill To: Same as Sampled By: JS/CS  
 Attn: Phone: 510 638 8400 x110

Sample ID	Date	Time	Met	Preserv	TPH EPA - <input type="checkbox"/> 8260B <input checked="" type="checkbox"/> Gas w/ <input checked="" type="checkbox"/> BTEX <input checked="" type="checkbox"/> MTBE	TEPH EPA 8015M* <input type="checkbox"/> Silica Gel <input checked="" type="checkbox"/> Diesel <input type="checkbox"/> Motor Oil <input type="checkbox"/> Other	EPA 8260B: <input type="checkbox"/> Gas <input type="checkbox"/> BTEX <input checked="" type="checkbox"/> 5 Oxygenates <input checked="" type="checkbox"/> DCA, EDB <input checked="" type="checkbox"/> Ethanol (HVOCs) EPA 8021 by 8260B	Volatile Organics GC/MS (VOCs) <input type="checkbox"/> EPA 8260B <input type="checkbox"/> 624	Semivolatiles GC/MS <input type="checkbox"/> EPA 8270 <input type="checkbox"/> 625	Oil and Grease <input type="checkbox"/> Petroleum (EPA 1564) <input checked="" type="checkbox"/> Total	Pesticides <input type="checkbox"/> EPA 80B1 <input type="checkbox"/> 608 PCBs <input checked="" type="checkbox"/> EPA 8082 <input type="checkbox"/> 608	PNAs by <input checked="" type="checkbox"/> 8270 <input type="checkbox"/> 8310	CAM17 Metals <input checked="" type="checkbox"/> (EPA 6010/7470/7471)	Metals: <input type="checkbox"/> Lead <input type="checkbox"/> LUFT <input type="checkbox"/> RCRA <input type="checkbox"/> Other:	Low Level Metals by EPA 200.8/6020 (ICP-MS):	<input type="checkbox"/> W.E.T (STLC) <input type="checkbox"/> TCLP	<input type="checkbox"/> Hexavalent Chromium <input type="checkbox"/> pH (24h hold time for H <sub>2</sub> O)	<input type="checkbox"/> Spec. Cond. <input type="checkbox"/> Alkalinity <input type="checkbox"/> TSS <input type="checkbox"/> TDS	Anions: <input type="checkbox"/> Cl <input type="checkbox"/> SO <sub>4</sub> <input type="checkbox"/> NO <sub>3</sub> <input type="checkbox"/> F <input type="checkbox"/> Br <input type="checkbox"/> NO <sub>2</sub> <input type="checkbox"/> PO <sub>4</sub>	HC	CL	PCP	Creosote	Number of Containers	
SB-1	2/15/11	8:30	Soil	ICE	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	2
SB-1	2/15/11	8:30	Soil	ICE	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	2
SB-2	2/15/11	10:00	Water	Multiple	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	2
SB-3	2/15/11	12:00	Water	Multiple	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	2
SB-3	2/15/11	12:00	Water	Multiple	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	2

Project Name	# of Containers	Head Space	Temp	Conforms to record	1) Relinquished by:	2) Relinquished by:	3) Relinquished by:
1703 Wood Road R5A-I	2		4.70°C 5.1°C		Signature: [Signature] Time: 16:50 Date: 2/15/11	Signature: [Signature] Time: 09:45 Date: 2/16/11	Signature: [Signature] Time: 11:15 Date: 2/16/11
Project#: 0470-034.01					Signature: [Signature] Time: 16:50 Date: 2/15/11	Signature: [Signature] Time: 09:45 Date: 2/16/11	Signature: [Signature] Time: 11:15 Date: 2/16/11
PO#:					Signature: [Signature] Time: 16:50 Date: 2/15/11	Signature: [Signature] Time: 09:45 Date: 2/16/11	Signature: [Signature] Time: 11:15 Date: 2/16/11
Credit Card#:					Signature: [Signature] Time: 16:50 Date: 2/15/11	Signature: [Signature] Time: 09:45 Date: 2/16/11	Signature: [Signature] Time: 11:15 Date: 2/16/11

Report: <input type="checkbox"/> Routine <input type="checkbox"/> Level 3 <input type="checkbox"/> Level 4 <input type="checkbox"/> EDD <input type="checkbox"/> State Tank	Special Instructions / Comments:	1) Received by:	2) Received by:	3) Received by:
<input type="checkbox"/> Global ID	Run volatiles for soil from the on core samples,	Signature: [Signature] Time: 16:50 Date: 2/15/11	Signature: [Signature] Time: 09:45 Date: 2/16/11	Signature: [Signature] Time: 11:15 Date: 2/16/11
Printed Name	JULIE TUCKER	DAVID MOTHA	STEVE MULLER	DAVID MOTHA
Date	2/15/11	2/16/11	2/16/11	2/16/11
Company	ACC	TRE	TRE	TRE

See Terms and Conditions on reverse  
 TestAmerica SF Reports 8015M from C<sub>1</sub>-C<sub>24</sub> (Industry norm). Default for 8015B is C<sub>1</sub>-C<sub>24</sub>  
 Rev09/09

## Login Sample Receipt Check List

Client: ACC Environmental Consultants

Job Number: 720-33377-1

**Login Number: 33377**

**List Source: TestAmerica San Francisco**

**Creator: Mullen, Joan**

**List Number: 1**

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	False	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	False	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	



## Login Sample Receipt Check List

Client: ACC Environmental Consultants

Job Number: 720-33377-1

Login Number: 33377

Creator: Lunt, Jeff T

List Number: 1

List Source: TestAmerica Chicago

List Creation: 02/17/11 11:41 AM

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	



# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

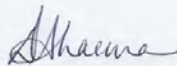
## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.  
TestAmerica San Francisco  
1220 Quarry Lane  
Pleasanton, CA 94566  
Tel: (925)484-1919

TestAmerica Job ID: 720-33381-1  
Client Project/Site: 1708 Wood PSAI

For:  
ACC Environmental Consultants  
7977 Capwell Drive  
Suite 100  
Oakland, California 94621

Attn: Environmental Scientist Julia Siudyla



Authorized for release by:  
2/23/2011 4:27 PM

Dimple Sharma  
Project Manager I  
[dimple.sharma@testamericainc.com](mailto:dimple.sharma@testamericainc.com)

### LINKS

Review your project  
results through  
**TotalAccess**

Have a Question?



Visit us at:  
[www.testamericainc.com](http://www.testamericainc.com)

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

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# Qualifier Definition/Glossary

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33381-1

## Qualifiers

### GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits

### GC/MS Semi VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits

### GC Semi VOA

Qualifier	Qualifier Description
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.

## Glossary

Glossary	Glossary Description
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis.

- 1
- 2
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# Case Narrative

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33381-1

**Job ID: 720-33381-1**

**Laboratory: TestAmerica San Francisco**

## Narrative

**Job Narrative**  
**720-33381-1**

### Comments

No additional comments.

### Receipt

All samples were received in good condition within temperature requirements.

### GC/MS VOA

Method 8260B: A full list spike was utilized for this method. Due to the large number of spiked analytes, there is a high probability that one or more analytes will recover outside acceptance limits. The laboratory's SOP allows for 5 analytes to recover outside criteria for this method when a full list spike is utilized. The LCS/LCSD associated with batch 86378 had 1 analyte outside control limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

No other analytical or quality issues were noted.

### GC/MS Semi VOA

Method 8270C SIM: Surrogate recovery for the following sample was outside control limits: SB-4 (720-33381-2). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8270C SIM: The following sample was diluted due to the abundance of non-target analytes: SB-6 (720-33381-4). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

### GC Semi VOA

No analytical or quality issues were noted.

### Metals

No analytical or quality issues were noted.

### Organic Prep

No analytical or quality issues were noted.

- 1
- 2
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# Detection Summary

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33381-1

**Client Sample ID: SB-4**

**Lab Sample ID: 720-33381-1**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	29		5.0		ug/Kg	1		8270C SIM	Total/NA
Acenaphthene	58		5.0		ug/Kg	1		8270C SIM	Total/NA
Acenaphthylene	22		5.0		ug/Kg	1		8270C SIM	Total/NA
Fluorene	81		5.0		ug/Kg	1		8270C SIM	Total/NA
Phenanthrene	670		10		ug/Kg	2		8270C SIM	Total/NA
Anthracene	200		5.0		ug/Kg	1		8270C SIM	Total/NA
Benzo[a]anthracene	230		5.0		ug/Kg	1		8270C SIM	Total/NA
Chrysene	200		5.0		ug/Kg	1		8270C SIM	Total/NA
Benzo[a]pyrene	180		5.0		ug/Kg	1		8270C SIM	Total/NA
Benzo[b]fluoranthene	210		5.0		ug/Kg	1		8270C SIM	Total/NA
Benzo[k]fluoranthene	84		5.0		ug/Kg	1		8270C SIM	Total/NA
Benzo[g,h,i]perylene	69		5.0		ug/Kg	1		8270C SIM	Total/NA
Indeno[1,2,3-cd]pyrene	68		5.0		ug/Kg	1		8270C SIM	Total/NA
Fluoranthene	530		5.0		ug/Kg	1		8270C SIM	Total/NA
Pyrene	570		5.0		ug/Kg	1		8270C SIM	Total/NA
Dibenz(a,h)anthracene	17		5.0		ug/Kg	1		8270C SIM	Total/NA
Diesel Range Organics [C10-C28]	37		0.99		mg/Kg	1		8015B	Total/NA
Motor Oil Range Organics [C24-C36]	84		50		mg/Kg	1		8015B	Total/NA
Arsenic	8.6		4.2		mg/Kg	4		6010B	Total/NA
Barium	13		2.1		mg/Kg	4		6010B	Total/NA
Chromium	42		2.1		mg/Kg	4		6010B	Total/NA
Cobalt	3.7		0.83		mg/Kg	4		6010B	Total/NA
Copper	21		6.2		mg/Kg	4		6010B	Total/NA
Lead	3.2		2.1		mg/Kg	4		6010B	Total/NA
Molybdenum	3.4		2.1		mg/Kg	4		6010B	Total/NA
Nickel	24		2.1		mg/Kg	4		6010B	Total/NA
Vanadium	33		2.1		mg/Kg	4		6010B	Total/NA
Zinc	100		6.2		mg/Kg	4		6010B	Total/NA
Mercury	0.12		0.0095		mg/Kg	1		7471A	Total/NA

**Client Sample ID: SB-4**

**Lab Sample ID: 720-33381-2**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Phenanthrene	0.25		0.095		ug/L	1		8270C SIM	Total/NA
Benzo[a]anthracene	0.20		0.095		ug/L	1		8270C SIM	Total/NA
Chrysene	0.21		0.095		ug/L	1		8270C SIM	Total/NA
Benzo[a]pyrene	0.22		0.095		ug/L	1		8270C SIM	Total/NA
Benzo[b]fluoranthene	0.26		0.095		ug/L	1		8270C SIM	Total/NA
Benzo[k]fluoranthene	0.14		0.095		ug/L	1		8270C SIM	Total/NA
Benzo[g,h,i]perylene	0.17		0.095		ug/L	1		8270C SIM	Total/NA
Indeno[1,2,3-cd]pyrene	0.10		0.095		ug/L	1		8270C SIM	Total/NA
Fluoranthene	0.32		0.095		ug/L	1		8270C SIM	Total/NA
Pyrene	0.44		0.095		ug/L	1		8270C SIM	Total/NA
Diesel Range Organics [C10-C28]	650		53		ug/L	1		8015B	Total/NA
Motor Oil Range Organics [C24-C36]	550		110		ug/L	1		8015B	Total/NA
Barium	0.077		0.0050		mg/L	1		6010B	Total/NA

**Client Sample ID: SB-5**

**Lab Sample ID: 720-33381-3**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	5.7		5.0		ug/Kg	1		8270C SIM	Total/NA
Phenanthrene	52		5.0		ug/Kg	1		8270C SIM	Total/NA
Anthracene	13		5.0		ug/Kg	1		8270C SIM	Total/NA
Benzo[a]anthracene	82		5.0		ug/Kg	1		8270C SIM	Total/NA

# Detection Summary

Client: ACC Environmental Consultants  
 Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33381-1

## Client Sample ID: SB-5 (Continued)

## Lab Sample ID: 720-33381-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chrysene	110		5.0		ug/Kg	1		8270C SIM	Total/NA
Benzo[a]pyrene	160		5.0		ug/Kg	1		8270C SIM	Total/NA
Benzo[b]fluoranthene	180		5.0		ug/Kg	1		8270C SIM	Total/NA
Benzo[k]fluoranthene	54		5.0		ug/Kg	1		8270C SIM	Total/NA
Benzo[g,h,i]perylene	140		5.0		ug/Kg	1		8270C SIM	Total/NA
Indeno[1,2,3-cd]pyrene	90		5.0		ug/Kg	1		8270C SIM	Total/NA
Fluoranthene	150		5.0		ug/Kg	1		8270C SIM	Total/NA
Pyrene	250		5.0		ug/Kg	1		8270C SIM	Total/NA
Dibenz(a,h)anthracene	17		5.0		ug/Kg	1		8270C SIM	Total/NA
Diesel Range Organics [C10-C28]	220		3.0		mg/Kg	3		8015B	Total/NA
Motor Oil Range Organics [C24-C36]	420		150		mg/Kg	3		8015B	Total/NA
Arsenic	5.0		4.1		mg/Kg	4		6010B	Total/NA
Barium	34		2.1		mg/Kg	4		6010B	Total/NA
Chromium	48		2.1		mg/Kg	4		6010B	Total/NA
Cobalt	5.1		0.82		mg/Kg	4		6010B	Total/NA
Copper	26		6.2		mg/Kg	4		6010B	Total/NA
Lead	8.5		2.1		mg/Kg	4		6010B	Total/NA
Nickel	33		2.1		mg/Kg	4		6010B	Total/NA
Vanadium	35		2.1		mg/Kg	4		6010B	Total/NA
Zinc	130		6.2		mg/Kg	4		6010B	Total/NA
Mercury	0.15		0.010		mg/Kg	1		7471A	Total/NA

## Client Sample ID: SB-6

## Lab Sample ID: 720-33381-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Phenanthrene	120		49		ug/Kg	10		8270C SIM	Total/NA
Benzo[a]anthracene	55		49		ug/Kg	10		8270C SIM	Total/NA
Chrysene	83		49		ug/Kg	10		8270C SIM	Total/NA
Benzo[a]pyrene	58		49		ug/Kg	10		8270C SIM	Total/NA
Benzo[b]fluoranthene	110		49		ug/Kg	10		8270C SIM	Total/NA
Fluoranthene	65		49		ug/Kg	10		8270C SIM	Total/NA
Pyrene	99		49		ug/Kg	10		8270C SIM	Total/NA
Diesel Range Organics [C10-C28]	2700		120		mg/Kg	50		8015B	Total/NA
Motor Oil Range Organics [C24-C36]	9200		6200		mg/Kg	50		8015B	Total/NA
Barium	85		1.9		mg/Kg	4		6010B	Total/NA
Chromium	49		1.9		mg/Kg	4		6010B	Total/NA
Cobalt	4.4		0.76		mg/Kg	4		6010B	Total/NA
Copper	18		5.7		mg/Kg	4		6010B	Total/NA
Lead	19		1.9		mg/Kg	4		6010B	Total/NA
Nickel	34		1.9		mg/Kg	4		6010B	Total/NA
Vanadium	34		1.9		mg/Kg	4		6010B	Total/NA
Zinc	47		5.7		mg/Kg	4		6010B	Total/NA
Mercury	0.043		0.0097		mg/Kg	1		7471A	Total/NA

# Analytical Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33381-1

**Client Sample ID: SB-4**

**Date Collected: 02/15/11 13:30**

**Date Received: 02/16/11 11:15**

**Lab Sample ID: 720-33381-1**

**Matrix: Solid**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		6.9		ug/Kg		02/16/11 17:00	02/17/11 12:38	1
Acetone	ND		69		ug/Kg		02/16/11 17:00	02/17/11 12:38	1
Benzene	ND		6.9		ug/Kg		02/16/11 17:00	02/17/11 12:38	1
Dichlorobromomethane	ND		6.9		ug/Kg		02/16/11 17:00	02/17/11 12:38	1
Bromobenzene	ND		6.9		ug/Kg		02/16/11 17:00	02/17/11 12:38	1
Chlorobromomethane	ND		28		ug/Kg		02/16/11 17:00	02/17/11 12:38	1
Bromoform	ND		6.9		ug/Kg		02/16/11 17:00	02/17/11 12:38	1
Bromomethane	ND	*	14		ug/Kg		02/16/11 17:00	02/17/11 12:38	1
2-Butanone (MEK)	ND		69		ug/Kg		02/16/11 17:00	02/17/11 12:38	1
n-Butylbenzene	ND		6.9		ug/Kg		02/16/11 17:00	02/17/11 12:38	1
sec-Butylbenzene	ND		6.9		ug/Kg		02/16/11 17:00	02/17/11 12:38	1
tert-Butylbenzene	ND		6.9		ug/Kg		02/16/11 17:00	02/17/11 12:38	1
Carbon disulfide	ND		6.9		ug/Kg		02/16/11 17:00	02/17/11 12:38	1
Carbon tetrachloride	ND		6.9		ug/Kg		02/16/11 17:00	02/17/11 12:38	1
Chlorobenzene	ND		6.9		ug/Kg		02/16/11 17:00	02/17/11 12:38	1
Chloroethane	ND		14		ug/Kg		02/16/11 17:00	02/17/11 12:38	1
Chloroform	ND		6.9		ug/Kg		02/16/11 17:00	02/17/11 12:38	1
Chloromethane	ND		14		ug/Kg		02/16/11 17:00	02/17/11 12:38	1
2-Chlorotoluene	ND		6.9		ug/Kg		02/16/11 17:00	02/17/11 12:38	1
4-Chlorotoluene	ND		6.9		ug/Kg		02/16/11 17:00	02/17/11 12:38	1
Chlorodibromomethane	ND		6.9		ug/Kg		02/16/11 17:00	02/17/11 12:38	1
1,2-Dichlorobenzene	ND		6.9		ug/Kg		02/16/11 17:00	02/17/11 12:38	1
1,3-Dichlorobenzene	ND		6.9		ug/Kg		02/16/11 17:00	02/17/11 12:38	1
1,4-Dichlorobenzene	ND		6.9		ug/Kg		02/16/11 17:00	02/17/11 12:38	1
1,3-Dichloropropane	ND		6.9		ug/Kg		02/16/11 17:00	02/17/11 12:38	1
1,1-Dichloropropene	ND		6.9		ug/Kg		02/16/11 17:00	02/17/11 12:38	1
1,2-Dibromo-3-Chloropropane	ND		6.9		ug/Kg		02/16/11 17:00	02/17/11 12:38	1
Ethylene Dibromide	ND		6.9		ug/Kg		02/16/11 17:00	02/17/11 12:38	1
Dibromomethane	ND		14		ug/Kg		02/16/11 17:00	02/17/11 12:38	1
Dichlorodifluoromethane	ND		14		ug/Kg		02/16/11 17:00	02/17/11 12:38	1
1,1-Dichloroethane	ND		6.9		ug/Kg		02/16/11 17:00	02/17/11 12:38	1
1,2-Dichloroethane	ND		6.9		ug/Kg		02/16/11 17:00	02/17/11 12:38	1
1,1-Dichloroethene	ND		6.9		ug/Kg		02/16/11 17:00	02/17/11 12:38	1
cis-1,2-Dichloroethene	ND		6.9		ug/Kg		02/16/11 17:00	02/17/11 12:38	1
trans-1,2-Dichloroethene	ND		6.9		ug/Kg		02/16/11 17:00	02/17/11 12:38	1
1,2-Dichloropropane	ND		6.9		ug/Kg		02/16/11 17:00	02/17/11 12:38	1
cis-1,3-Dichloropropene	ND		6.9		ug/Kg		02/16/11 17:00	02/17/11 12:38	1
trans-1,3-Dichloropropene	ND		6.9		ug/Kg		02/16/11 17:00	02/17/11 12:38	1
Ethylbenzene	ND		6.9		ug/Kg		02/16/11 17:00	02/17/11 12:38	1
Hexachlorobutadiene	ND		6.9		ug/Kg		02/16/11 17:00	02/17/11 12:38	1
2-Hexanone	ND		69		ug/Kg		02/16/11 17:00	02/17/11 12:38	1
Isopropylbenzene	ND		6.9		ug/Kg		02/16/11 17:00	02/17/11 12:38	1
4-Isopropyltoluene	ND		6.9		ug/Kg		02/16/11 17:00	02/17/11 12:38	1
Methylene Chloride	ND		14		ug/Kg		02/16/11 17:00	02/17/11 12:38	1
4-Methyl-2-pentanone (MIBK)	ND		69		ug/Kg		02/16/11 17:00	02/17/11 12:38	1
Naphthalene	ND		14		ug/Kg		02/16/11 17:00	02/17/11 12:38	1
N-Propylbenzene	ND		6.9		ug/Kg		02/16/11 17:00	02/17/11 12:38	1
Styrene	ND		6.9		ug/Kg		02/16/11 17:00	02/17/11 12:38	1
1,1,1,2-Tetrachloroethane	ND		6.9		ug/Kg		02/16/11 17:00	02/17/11 12:38	1
1,1,1,2,2-Tetrachloroethane	ND		6.9		ug/Kg		02/16/11 17:00	02/17/11 12:38	1

# Analytical Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33381-1

**Client Sample ID: SB-4**

**Lab Sample ID: 720-33381-1**

Date Collected: 02/15/11 13:30

Matrix: Solid

Date Received: 02/16/11 11:15

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		6.9		ug/Kg		02/16/11 17:00	02/17/11 12:38	1
Toluene	ND		6.9		ug/Kg		02/16/11 17:00	02/17/11 12:38	1
1,2,3-Trichlorobenzene	ND		6.9		ug/Kg		02/16/11 17:00	02/17/11 12:38	1
1,2,4-Trichlorobenzene	ND		6.9		ug/Kg		02/16/11 17:00	02/17/11 12:38	1
1,1,1-Trichloroethane	ND		6.9		ug/Kg		02/16/11 17:00	02/17/11 12:38	1
1,1,2-Trichloroethane	ND		6.9		ug/Kg		02/16/11 17:00	02/17/11 12:38	1
Trichloroethene	ND		6.9		ug/Kg		02/16/11 17:00	02/17/11 12:38	1
Trichlorofluoromethane	ND		6.9		ug/Kg		02/16/11 17:00	02/17/11 12:38	1
1,2,3-Trichloropropane	ND		6.9		ug/Kg		02/16/11 17:00	02/17/11 12:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.9		ug/Kg		02/16/11 17:00	02/17/11 12:38	1
1,2,4-Trimethylbenzene	ND		6.9		ug/Kg		02/16/11 17:00	02/17/11 12:38	1
1,3,5-Trimethylbenzene	ND		6.9		ug/Kg		02/16/11 17:00	02/17/11 12:38	1
Vinyl acetate	ND		69		ug/Kg		02/16/11 17:00	02/17/11 12:38	1
Vinyl chloride	ND		6.9		ug/Kg		02/16/11 17:00	02/17/11 12:38	1
Xylenes, Total	ND		14		ug/Kg		02/16/11 17:00	02/17/11 12:38	1
2,2-Dichloropropane	ND		6.9		ug/Kg		02/16/11 17:00	02/17/11 12:38	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	89		65 - 117				02/16/11 17:00	02/17/11 12:38	1
1,2-Dichloroethane-d4 (Surr)	102		73 - 140				02/16/11 17:00	02/17/11 12:38	1
Toluene-d8 (Surr)	104		84 - 116				02/16/11 17:00	02/17/11 12:38	1

## Method: 8270C SIM - PAHs by GCMS (SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	29		5.0		ug/Kg		02/17/11 11:40	02/22/11 17:37	1
Acenaphthene	58		5.0		ug/Kg		02/17/11 11:40	02/22/11 17:37	1
Acenaphthylene	22		5.0		ug/Kg		02/17/11 11:40	02/22/11 17:37	1
Fluorene	81		5.0		ug/Kg		02/17/11 11:40	02/22/11 17:37	1
Phenanthrene	670		10		ug/Kg		02/17/11 11:40	02/23/11 13:00	2
Anthracene	200		5.0		ug/Kg		02/17/11 11:40	02/22/11 17:37	1
Benzo[a]anthracene	230		5.0		ug/Kg		02/17/11 11:40	02/22/11 17:37	1
Chrysene	200		5.0		ug/Kg		02/17/11 11:40	02/22/11 17:37	1
Benzo[a]pyrene	180		5.0		ug/Kg		02/17/11 11:40	02/22/11 17:37	1
Benzo[b]fluoranthene	210		5.0		ug/Kg		02/17/11 11:40	02/22/11 17:37	1
Benzo[k]fluoranthene	84		5.0		ug/Kg		02/17/11 11:40	02/22/11 17:37	1
Benzo[g,h,i]perylene	69		5.0		ug/Kg		02/17/11 11:40	02/22/11 17:37	1
Indeno[1,2,3-cd]pyrene	68		5.0		ug/Kg		02/17/11 11:40	02/22/11 17:37	1
Fluoranthene	530		5.0		ug/Kg		02/17/11 11:40	02/22/11 17:37	1
Pyrene	570		5.0		ug/Kg		02/17/11 11:40	02/22/11 17:37	1
Dibenz(a,h)anthracene	17		5.0		ug/Kg		02/17/11 11:40	02/22/11 17:37	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	68		33 - 120				02/17/11 11:40	02/22/11 17:37	1
2-Fluorobiphenyl	67		33 - 120				02/17/11 11:40	02/23/11 13:00	2
Terphenyl-d14	84		35 - 146				02/17/11 11:40	02/22/11 17:37	1
Terphenyl-d14	76		35 - 146				02/17/11 11:40	02/23/11 13:00	2

## Method: 8015B - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	37		0.99		mg/Kg		02/17/11 14:39	02/19/11 12:56	1
Motor Oil Range Organics [C24-C36]	84		50		mg/Kg		02/17/11 14:39	02/19/11 12:56	1

TestAmerica San Francisco



# Analytical Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33381-1

**Client Sample ID: SB-4**  
**Date Collected: 02/15/11 13:30**  
**Date Received: 02/16/11 11:15**

**Lab Sample ID: 720-33381-1**  
**Matrix: Solid**

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	77		31 - 114	02/17/11 14:39	02/19/11 12:56	1

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.1		mg/Kg		02/22/11 16:31	02/23/11 11:39	4
<b>Arsenic</b>	<b>8.6</b>		4.2		mg/Kg		02/22/11 16:31	02/23/11 11:39	4
<b>Barium</b>	<b>13</b>		2.1		mg/Kg		02/22/11 16:31	02/23/11 11:39	4
Beryllium	ND		0.42		mg/Kg		02/22/11 16:31	02/23/11 11:39	4
Cadmium	ND		0.52		mg/Kg		02/22/11 16:31	02/23/11 11:39	4
<b>Chromium</b>	<b>42</b>		2.1		mg/Kg		02/22/11 16:31	02/23/11 11:39	4
<b>Cobalt</b>	<b>3.7</b>		0.83		mg/Kg		02/22/11 16:31	02/23/11 11:39	4
<b>Copper</b>	<b>21</b>		6.2		mg/Kg		02/22/11 16:31	02/23/11 11:39	4
<b>Lead</b>	<b>3.2</b>		2.1		mg/Kg		02/22/11 16:31	02/23/11 11:39	4
<b>Molybdenum</b>	<b>3.4</b>		2.1		mg/Kg		02/22/11 16:31	02/23/11 11:39	4
<b>Nickel</b>	<b>24</b>		2.1		mg/Kg		02/22/11 16:31	02/23/11 11:39	4
Selenium	ND		4.2		mg/Kg		02/22/11 16:31	02/23/11 11:39	4
Silver	ND		1.0		mg/Kg		02/22/11 16:31	02/23/11 11:39	4
Thallium	ND		2.1		mg/Kg		02/22/11 16:31	02/23/11 11:39	4
<b>Vanadium</b>	<b>33</b>		2.1		mg/Kg		02/22/11 16:31	02/23/11 11:39	4
<b>Zinc</b>	<b>100</b>		6.2		mg/Kg		02/22/11 16:31	02/23/11 11:39	4

**Method: 7471A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.12</b>		0.0095		mg/Kg		02/22/11 10:50	02/22/11 16:32	1

**Client Sample ID: SB-4**  
**Date Collected: 02/15/11 13:30**  
**Date Received: 02/16/11 11:15**

**Lab Sample ID: 720-33381-2**  
**Matrix: Water**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			02/17/11 22:17	1
Acetone	ND		50		ug/L			02/17/11 22:17	1
Benzene	ND		0.50		ug/L			02/17/11 22:17	1
Dichlorobromomethane	ND		0.50		ug/L			02/17/11 22:17	1
Bromobenzene	ND		1.0		ug/L			02/17/11 22:17	1
Chlorobromomethane	ND		1.0		ug/L			02/17/11 22:17	1
Bromoform	ND		1.0		ug/L			02/17/11 22:17	1
Bromomethane	ND		1.0		ug/L			02/17/11 22:17	1
2-Butanone (MEK)	ND		50		ug/L			02/17/11 22:17	1
n-Butylbenzene	ND		1.0		ug/L			02/17/11 22:17	1
sec-Butylbenzene	ND		1.0		ug/L			02/17/11 22:17	1
tert-Butylbenzene	ND		1.0		ug/L			02/17/11 22:17	1
Carbon disulfide	ND		5.0		ug/L			02/17/11 22:17	1
Carbon tetrachloride	ND		0.50		ug/L			02/17/11 22:17	1
Chlorobenzene	ND		0.50		ug/L			02/17/11 22:17	1
Chloroethane	ND		1.0		ug/L			02/17/11 22:17	1
Chloroform	ND		1.0		ug/L			02/17/11 22:17	1
Chloromethane	ND		1.0		ug/L			02/17/11 22:17	1
2-Chlorotoluene	ND		0.50		ug/L			02/17/11 22:17	1
4-Chlorotoluene	ND		0.50		ug/L			02/17/11 22:17	1
Chlorodibromomethane	ND		0.50		ug/L			02/17/11 22:17	1

# Analytical Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33381-1

**Client Sample ID: SB-4**

**Date Collected: 02/15/11 13:30**

**Date Received: 02/16/11 11:15**

**Lab Sample ID: 720-33381-2**

**Matrix: Water**

**Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		0.50		ug/L			02/17/11 22:17	1
1,3-Dichlorobenzene	ND		0.50		ug/L			02/17/11 22:17	1
1,4-Dichlorobenzene	ND		0.50		ug/L			02/17/11 22:17	1
1,3-Dichloropropane	ND		1.0		ug/L			02/17/11 22:17	1
1,1-Dichloropropene	ND		0.50		ug/L			02/17/11 22:17	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			02/17/11 22:17	1
Ethylene Dibromide	ND		0.50		ug/L			02/17/11 22:17	1
Dibromomethane	ND		0.50		ug/L			02/17/11 22:17	1
Dichlorodifluoromethane	ND		0.50		ug/L			02/17/11 22:17	1
1,1-Dichloroethane	ND		0.50		ug/L			02/17/11 22:17	1
1,2-Dichloroethane	ND		0.50		ug/L			02/17/11 22:17	1
1,1-Dichloroethene	ND		0.50		ug/L			02/17/11 22:17	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			02/17/11 22:17	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			02/17/11 22:17	1
1,2-Dichloropropane	ND		0.50		ug/L			02/17/11 22:17	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			02/17/11 22:17	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			02/17/11 22:17	1
Ethylbenzene	ND		0.50		ug/L			02/17/11 22:17	1
Hexachlorobutadiene	ND		1.0		ug/L			02/17/11 22:17	1
2-Hexanone	ND		50		ug/L			02/17/11 22:17	1
Isopropylbenzene	ND		0.50		ug/L			02/17/11 22:17	1
4-Isopropyltoluene	ND		1.0		ug/L			02/17/11 22:17	1
Methylene Chloride	ND		5.0		ug/L			02/17/11 22:17	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			02/17/11 22:17	1
Naphthalene	ND		1.0		ug/L			02/17/11 22:17	1
N-Propylbenzene	ND		1.0		ug/L			02/17/11 22:17	1
Styrene	ND		0.50		ug/L			02/17/11 22:17	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			02/17/11 22:17	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			02/17/11 22:17	1
Tetrachloroethene	ND		0.50		ug/L			02/17/11 22:17	1
Toluene	ND		0.50		ug/L			02/17/11 22:17	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			02/17/11 22:17	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			02/17/11 22:17	1
1,1,1-Trichloroethane	ND		0.50		ug/L			02/17/11 22:17	1
1,1,2-Trichloroethane	ND		0.50		ug/L			02/17/11 22:17	1
Trichloroethene	ND		0.50		ug/L			02/17/11 22:17	1
Trichlorofluoromethane	ND		1.0		ug/L			02/17/11 22:17	1
1,2,3-Trichloropropane	ND		0.50		ug/L			02/17/11 22:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			02/17/11 22:17	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			02/17/11 22:17	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			02/17/11 22:17	1
Vinyl acetate	ND		10		ug/L			02/17/11 22:17	1
Vinyl chloride	ND		0.50		ug/L			02/17/11 22:17	1
Xylenes, Total	ND		1.0		ug/L			02/17/11 22:17	1
2,2-Dichloropropane	ND		0.50		ug/L			02/17/11 22:17	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	102		67 - 130		02/17/11 22:17	1
1,2-Dichloroethane-d4 (Surr)	101		67 - 130		02/17/11 22:17	1
Toluene-d8 (Surr)	99		70 - 130		02/17/11 22:17	1

# Analytical Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33381-1

**Client Sample ID: SB-4**

**Lab Sample ID: 720-33381-2**

Date Collected: 02/15/11 13:30

Matrix: Water

Date Received: 02/16/11 11:15

## Method: 8270C SIM - PAHs by GCMS (SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		0.095		ug/L		02/18/11 15:10	02/22/11 13:52	1
Acenaphthene	ND		0.095		ug/L		02/18/11 15:10	02/22/11 13:52	1
Acenaphthylene	ND		0.095		ug/L		02/18/11 15:10	02/22/11 13:52	1
Fluorene	ND		0.095		ug/L		02/18/11 15:10	02/22/11 13:52	1
Phenanthrene	0.25		0.095		ug/L		02/18/11 15:10	02/22/11 13:52	1
Anthracene	ND		0.095		ug/L		02/18/11 15:10	02/22/11 13:52	1
Benzo[a]anthracene	0.20		0.095		ug/L		02/18/11 15:10	02/22/11 13:52	1
Chrysene	0.21		0.095		ug/L		02/18/11 15:10	02/22/11 13:52	1
Benzo[a]pyrene	0.22		0.095		ug/L		02/18/11 15:10	02/22/11 13:52	1
Benzo[b]fluoranthene	0.26		0.095		ug/L		02/18/11 15:10	02/22/11 13:52	1
Benzo[k]fluoranthene	0.14		0.095		ug/L		02/18/11 15:10	02/22/11 13:52	1
Benzo[g,h,i]perylene	0.17		0.095		ug/L		02/18/11 15:10	02/22/11 13:52	1
Indeno[1,2,3-cd]pyrene	0.10		0.095		ug/L		02/18/11 15:10	02/22/11 13:52	1
Fluoranthene	0.32		0.095		ug/L		02/18/11 15:10	02/22/11 13:52	1
Pyrene	0.44		0.095		ug/L		02/18/11 15:10	02/22/11 13:52	1
Dibenz(a,h)anthracene	ND		0.095		ug/L		02/18/11 15:10	02/22/11 13:52	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	52		29 - 120	02/18/11 15:10	02/22/11 13:52	1
Terphenyl-d14	43	X	45 - 120	02/18/11 15:10	02/22/11 13:52	1

## Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	650		53		ug/L		02/17/11 13:42	02/18/11 14:24	1
Motor Oil Range Organics [C24-C36]	550		110		ug/L		02/17/11 13:42	02/18/11 14:24	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	70		23 - 156	02/17/11 13:42	02/18/11 14:24	1

## Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.010		mg/L		02/18/11 14:20	02/22/11 11:02	1
Arsenic	ND		0.010		mg/L		02/18/11 14:20	02/22/11 11:02	1
Barium	0.077		0.0050		mg/L		02/18/11 14:20	02/22/11 11:02	1
Beryllium	ND		0.0020		mg/L		02/18/11 14:20	02/22/11 11:02	1
Cadmium	ND		0.0025		mg/L		02/18/11 14:20	02/22/11 11:02	1
Chromium	ND		0.010		mg/L		02/18/11 14:20	02/22/11 11:02	1
Cobalt	ND		0.0020		mg/L		02/18/11 14:20	02/22/11 11:02	1
Copper	ND		0.020		mg/L		02/18/11 14:20	02/22/11 11:02	1
Lead	ND		0.0050		mg/L		02/18/11 14:20	02/22/11 11:02	1
Molybdenum	ND		0.010		mg/L		02/18/11 14:20	02/22/11 11:02	1
Nickel	ND		0.010		mg/L		02/18/11 14:20	02/22/11 11:02	1
Selenium	ND		0.020		mg/L		02/18/11 14:20	02/22/11 11:02	1
Silver	ND		0.0050		mg/L		02/18/11 14:20	02/22/11 11:02	1
Thallium	ND		0.010		mg/L		02/18/11 14:20	02/22/11 11:02	1
Vanadium	ND		0.010		mg/L		02/18/11 14:20	02/22/11 11:02	1
Zinc	ND		0.020		mg/L		02/18/11 14:20	02/22/11 11:02	1

## Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		02/22/11 08:13	02/22/11 12:57	1

TestAmerica San Francisco

# Analytical Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33381-1

**Client Sample ID: SB-5**

**Date Collected: 02/15/11 14:00**

**Date Received: 02/16/11 11:15**

**Lab Sample ID: 720-33381-3**

**Matrix: Solid**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		6.7		ug/Kg		02/16/11 17:00	02/17/11 13:07	1
Acetone	ND		67		ug/Kg		02/16/11 17:00	02/17/11 13:07	1
Benzene	ND		6.7		ug/Kg		02/16/11 17:00	02/17/11 13:07	1
Dichlorobromomethane	ND		6.7		ug/Kg		02/16/11 17:00	02/17/11 13:07	1
Bromobenzene	ND		6.7		ug/Kg		02/16/11 17:00	02/17/11 13:07	1
Chlorobromomethane	ND		27		ug/Kg		02/16/11 17:00	02/17/11 13:07	1
Bromoform	ND		6.7		ug/Kg		02/16/11 17:00	02/17/11 13:07	1
Bromomethane	ND	*	13		ug/Kg		02/16/11 17:00	02/17/11 13:07	1
2-Butanone (MEK)	ND		67		ug/Kg		02/16/11 17:00	02/17/11 13:07	1
n-Butylbenzene	ND		6.7		ug/Kg		02/16/11 17:00	02/17/11 13:07	1
sec-Butylbenzene	ND		6.7		ug/Kg		02/16/11 17:00	02/17/11 13:07	1
tert-Butylbenzene	ND		6.7		ug/Kg		02/16/11 17:00	02/17/11 13:07	1
Carbon disulfide	ND		6.7		ug/Kg		02/16/11 17:00	02/17/11 13:07	1
Carbon tetrachloride	ND		6.7		ug/Kg		02/16/11 17:00	02/17/11 13:07	1
Chlorobenzene	ND		6.7		ug/Kg		02/16/11 17:00	02/17/11 13:07	1
Chloroethane	ND		13		ug/Kg		02/16/11 17:00	02/17/11 13:07	1
Chloroform	ND		6.7		ug/Kg		02/16/11 17:00	02/17/11 13:07	1
Chloromethane	ND		13		ug/Kg		02/16/11 17:00	02/17/11 13:07	1
2-Chlorotoluene	ND		6.7		ug/Kg		02/16/11 17:00	02/17/11 13:07	1
4-Chlorotoluene	ND		6.7		ug/Kg		02/16/11 17:00	02/17/11 13:07	1
Chlorodibromomethane	ND		6.7		ug/Kg		02/16/11 17:00	02/17/11 13:07	1
1,2-Dichlorobenzene	ND		6.7		ug/Kg		02/16/11 17:00	02/17/11 13:07	1
1,3-Dichlorobenzene	ND		6.7		ug/Kg		02/16/11 17:00	02/17/11 13:07	1
1,4-Dichlorobenzene	ND		6.7		ug/Kg		02/16/11 17:00	02/17/11 13:07	1
1,3-Dichloropropane	ND		6.7		ug/Kg		02/16/11 17:00	02/17/11 13:07	1
1,1-Dichloropropene	ND		6.7		ug/Kg		02/16/11 17:00	02/17/11 13:07	1
1,2-Dibromo-3-Chloropropane	ND		6.7		ug/Kg		02/16/11 17:00	02/17/11 13:07	1
Ethylene Dibromide	ND		6.7		ug/Kg		02/16/11 17:00	02/17/11 13:07	1
Dibromomethane	ND		13		ug/Kg		02/16/11 17:00	02/17/11 13:07	1
Dichlorodifluoromethane	ND		13		ug/Kg		02/16/11 17:00	02/17/11 13:07	1
1,1-Dichloroethane	ND		6.7		ug/Kg		02/16/11 17:00	02/17/11 13:07	1
1,2-Dichloroethane	ND		6.7		ug/Kg		02/16/11 17:00	02/17/11 13:07	1
1,1-Dichloroethene	ND		6.7		ug/Kg		02/16/11 17:00	02/17/11 13:07	1
cis-1,2-Dichloroethene	ND		6.7		ug/Kg		02/16/11 17:00	02/17/11 13:07	1
trans-1,2-Dichloroethene	ND		6.7		ug/Kg		02/16/11 17:00	02/17/11 13:07	1
1,2-Dichloropropane	ND		6.7		ug/Kg		02/16/11 17:00	02/17/11 13:07	1
cis-1,3-Dichloropropene	ND		6.7		ug/Kg		02/16/11 17:00	02/17/11 13:07	1
trans-1,3-Dichloropropene	ND		6.7		ug/Kg		02/16/11 17:00	02/17/11 13:07	1
Ethylbenzene	ND		6.7		ug/Kg		02/16/11 17:00	02/17/11 13:07	1
Hexachlorobutadiene	ND		6.7		ug/Kg		02/16/11 17:00	02/17/11 13:07	1
2-Hexanone	ND		67		ug/Kg		02/16/11 17:00	02/17/11 13:07	1
Isopropylbenzene	ND		6.7		ug/Kg		02/16/11 17:00	02/17/11 13:07	1
4-Isopropyltoluene	ND		6.7		ug/Kg		02/16/11 17:00	02/17/11 13:07	1
Methylene Chloride	ND		13		ug/Kg		02/16/11 17:00	02/17/11 13:07	1
4-Methyl-2-pentanone (MIBK)	ND		67		ug/Kg		02/16/11 17:00	02/17/11 13:07	1
Naphthalene	ND		13		ug/Kg		02/16/11 17:00	02/17/11 13:07	1
N-Propylbenzene	ND		6.7		ug/Kg		02/16/11 17:00	02/17/11 13:07	1
Styrene	ND		6.7		ug/Kg		02/16/11 17:00	02/17/11 13:07	1
1,1,1,2-Tetrachloroethane	ND		6.7		ug/Kg		02/16/11 17:00	02/17/11 13:07	1
1,1,2,2-Tetrachloroethane	ND		6.7		ug/Kg		02/16/11 17:00	02/17/11 13:07	1

# Analytical Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33381-1

**Client Sample ID: SB-5**

**Date Collected: 02/15/11 14:00**

**Date Received: 02/16/11 11:15**

**Lab Sample ID: 720-33381-3**

**Matrix: Solid**

**Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		6.7		ug/Kg		02/16/11 17:00	02/17/11 13:07	1
Toluene	ND		6.7		ug/Kg		02/16/11 17:00	02/17/11 13:07	1
1,2,3-Trichlorobenzene	ND		6.7		ug/Kg		02/16/11 17:00	02/17/11 13:07	1
1,2,4-Trichlorobenzene	ND		6.7		ug/Kg		02/16/11 17:00	02/17/11 13:07	1
1,1,1-Trichloroethane	ND		6.7		ug/Kg		02/16/11 17:00	02/17/11 13:07	1
1,1,2-Trichloroethane	ND		6.7		ug/Kg		02/16/11 17:00	02/17/11 13:07	1
Trichloroethene	ND		6.7		ug/Kg		02/16/11 17:00	02/17/11 13:07	1
Trichlorofluoromethane	ND		6.7		ug/Kg		02/16/11 17:00	02/17/11 13:07	1
1,2,3-Trichloropropane	ND		6.7		ug/Kg		02/16/11 17:00	02/17/11 13:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.7		ug/Kg		02/16/11 17:00	02/17/11 13:07	1
1,2,4-Trimethylbenzene	ND		6.7		ug/Kg		02/16/11 17:00	02/17/11 13:07	1
1,3,5-Trimethylbenzene	ND		6.7		ug/Kg		02/16/11 17:00	02/17/11 13:07	1
Vinyl acetate	ND		6.7		ug/Kg		02/16/11 17:00	02/17/11 13:07	1
Vinyl chloride	ND		6.7		ug/Kg		02/16/11 17:00	02/17/11 13:07	1
Xylenes, Total	ND		13		ug/Kg		02/16/11 17:00	02/17/11 13:07	1
2,2-Dichloropropane	ND		6.7		ug/Kg		02/16/11 17:00	02/17/11 13:07	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	93		65 - 117				02/16/11 17:00	02/17/11 13:07	1
1,2-Dichloroethane-d4 (Surr)	102		73 - 140				02/16/11 17:00	02/17/11 13:07	1
Toluene-d8 (Surr)	104		84 - 116				02/16/11 17:00	02/17/11 13:07	1

**Method: 8270C SIM - PAHs by GCMS (SIM)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		5.0		ug/Kg		02/17/11 11:40	02/22/11 18:00	1
Acenaphthene	ND		5.0		ug/Kg		02/17/11 11:40	02/22/11 18:00	1
Acenaphthylene	5.7		5.0		ug/Kg		02/17/11 11:40	02/22/11 18:00	1
Fluorene	ND		5.0		ug/Kg		02/17/11 11:40	02/22/11 18:00	1
Phenanthrene	52		5.0		ug/Kg		02/17/11 11:40	02/22/11 18:00	1
Anthracene	13		5.0		ug/Kg		02/17/11 11:40	02/22/11 18:00	1
Benzo[a]anthracene	82		5.0		ug/Kg		02/17/11 11:40	02/22/11 18:00	1
Chrysene	110		5.0		ug/Kg		02/17/11 11:40	02/22/11 18:00	1
Benzo[a]pyrene	160		5.0		ug/Kg		02/17/11 11:40	02/22/11 18:00	1
Benzo[b]fluoranthene	180		5.0		ug/Kg		02/17/11 11:40	02/22/11 18:00	1
Benzo[k]fluoranthene	54		5.0		ug/Kg		02/17/11 11:40	02/22/11 18:00	1
Benzo[g,h,i]perylene	140		5.0		ug/Kg		02/17/11 11:40	02/22/11 18:00	1
Indeno[1,2,3-cd]pyrene	90		5.0		ug/Kg		02/17/11 11:40	02/22/11 18:00	1
Fluoranthene	150		5.0		ug/Kg		02/17/11 11:40	02/22/11 18:00	1
Pyrene	250		5.0		ug/Kg		02/17/11 11:40	02/22/11 18:00	1
Dibenz(a,h)anthracene	17		5.0		ug/Kg		02/17/11 11:40	02/22/11 18:00	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	67		33 - 120				02/17/11 11:40	02/22/11 18:00	1
Terphenyl-d14	76		35 - 146				02/17/11 11:40	02/22/11 18:00	1

**Method: 8015B - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	220		3.0		mg/Kg		02/17/11 14:39	02/18/11 16:45	3
Motor Oil Range Organics [C24-C36]	420		150		mg/Kg		02/17/11 14:39	02/18/11 16:45	3

# Analytical Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33381-1

**Client Sample ID: SB-5**  
**Date Collected: 02/15/11 14:00**  
**Date Received: 02/16/11 11:15**

**Lab Sample ID: 720-33381-3**  
**Matrix: Solid**

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	53		31 - 114	02/17/11 14:39	02/18/11 16:45	3

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.1		mg/Kg		02/22/11 16:31	02/23/11 11:43	4
<b>Arsenic</b>	<b>5.0</b>		4.1		mg/Kg		02/22/11 16:31	02/23/11 11:43	4
<b>Barium</b>	<b>34</b>		2.1		mg/Kg		02/22/11 16:31	02/23/11 11:43	4
Beryllium	ND		0.41		mg/Kg		02/22/11 16:31	02/23/11 11:43	4
Cadmium	ND		0.52		mg/Kg		02/22/11 16:31	02/23/11 11:43	4
<b>Chromium</b>	<b>48</b>		2.1		mg/Kg		02/22/11 16:31	02/23/11 11:43	4
<b>Cobalt</b>	<b>5.1</b>		0.82		mg/Kg		02/22/11 16:31	02/23/11 11:43	4
<b>Copper</b>	<b>26</b>		6.2		mg/Kg		02/22/11 16:31	02/23/11 11:43	4
<b>Lead</b>	<b>8.5</b>		2.1		mg/Kg		02/22/11 16:31	02/23/11 11:43	4
Molybdenum	ND		2.1		mg/Kg		02/22/11 16:31	02/23/11 11:43	4
<b>Nickel</b>	<b>33</b>		2.1		mg/Kg		02/22/11 16:31	02/23/11 11:43	4
Selenium	ND		4.1		mg/Kg		02/22/11 16:31	02/23/11 11:43	4
Silver	ND		1.0		mg/Kg		02/22/11 16:31	02/23/11 11:43	4
Thallium	ND		2.1		mg/Kg		02/22/11 16:31	02/23/11 11:43	4
<b>Vanadium</b>	<b>35</b>		2.1		mg/Kg		02/22/11 16:31	02/23/11 11:43	4
<b>Zinc</b>	<b>130</b>		6.2		mg/Kg		02/22/11 16:31	02/23/11 11:43	4

**Method: 7471A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.15</b>		0.010		mg/Kg		02/22/11 10:50	02/22/11 16:34	1

**Client Sample ID: SB-6**  
**Date Collected: 02/15/11 15:30**  
**Date Received: 02/16/11 11:15**

**Lab Sample ID: 720-33381-4**  
**Matrix: Solid**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.0		ug/Kg		02/16/11 17:00	02/17/11 13:35	1
Acetone	ND		50		ug/Kg		02/16/11 17:00	02/17/11 13:35	1
Benzene	ND		5.0		ug/Kg		02/16/11 17:00	02/17/11 13:35	1
Dichlorobromomethane	ND		5.0		ug/Kg		02/16/11 17:00	02/17/11 13:35	1
Bromobenzene	ND		5.0		ug/Kg		02/16/11 17:00	02/17/11 13:35	1
Chlorobromomethane	ND		20		ug/Kg		02/16/11 17:00	02/17/11 13:35	1
Bromoform	ND		5.0		ug/Kg		02/16/11 17:00	02/17/11 13:35	1
Bromomethane	ND	*	10		ug/Kg		02/16/11 17:00	02/17/11 13:35	1
2-Butanone (MEK)	ND		50		ug/Kg		02/16/11 17:00	02/17/11 13:35	1
n-Butylbenzene	ND		5.0		ug/Kg		02/16/11 17:00	02/17/11 13:35	1
sec-Butylbenzene	ND		5.0		ug/Kg		02/16/11 17:00	02/17/11 13:35	1
tert-Butylbenzene	ND		5.0		ug/Kg		02/16/11 17:00	02/17/11 13:35	1
Carbon disulfide	ND		5.0		ug/Kg		02/16/11 17:00	02/17/11 13:35	1
Carbon tetrachloride	ND		5.0		ug/Kg		02/16/11 17:00	02/17/11 13:35	1
Chlorobenzene	ND		5.0		ug/Kg		02/16/11 17:00	02/17/11 13:35	1
Chloroethane	ND		10		ug/Kg		02/16/11 17:00	02/17/11 13:35	1
Chloroform	ND		5.0		ug/Kg		02/16/11 17:00	02/17/11 13:35	1
Chloromethane	ND		10		ug/Kg		02/16/11 17:00	02/17/11 13:35	1
2-Chlorotoluene	ND		5.0		ug/Kg		02/16/11 17:00	02/17/11 13:35	1
4-Chlorotoluene	ND		5.0		ug/Kg		02/16/11 17:00	02/17/11 13:35	1
Chlorodibromomethane	ND		5.0		ug/Kg		02/16/11 17:00	02/17/11 13:35	1

# Analytical Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33381-1

**Client Sample ID: SB-6**

**Date Collected: 02/15/11 15:30**

**Date Received: 02/16/11 11:15**

**Lab Sample ID: 720-33381-4**

**Matrix: Solid**

**Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		5.0		ug/Kg		02/16/11 17:00	02/17/11 13:35	1
1,3-Dichlorobenzene	ND		5.0		ug/Kg		02/16/11 17:00	02/17/11 13:35	1
1,4-Dichlorobenzene	ND		5.0		ug/Kg		02/16/11 17:00	02/17/11 13:35	1
1,3-Dichloropropane	ND		5.0		ug/Kg		02/16/11 17:00	02/17/11 13:35	1
1,1-Dichloropropene	ND		5.0		ug/Kg		02/16/11 17:00	02/17/11 13:35	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/Kg		02/16/11 17:00	02/17/11 13:35	1
Ethylene Dibromide	ND		5.0		ug/Kg		02/16/11 17:00	02/17/11 13:35	1
Dibromomethane	ND		10		ug/Kg		02/16/11 17:00	02/17/11 13:35	1
Dichlorodifluoromethane	ND		10		ug/Kg		02/16/11 17:00	02/17/11 13:35	1
1,1-Dichloroethane	ND		5.0		ug/Kg		02/16/11 17:00	02/17/11 13:35	1
1,2-Dichloroethane	ND		5.0		ug/Kg		02/16/11 17:00	02/17/11 13:35	1
1,1-Dichloroethene	ND		5.0		ug/Kg		02/16/11 17:00	02/17/11 13:35	1
cis-1,2-Dichloroethene	ND		5.0		ug/Kg		02/16/11 17:00	02/17/11 13:35	1
trans-1,2-Dichloroethene	ND		5.0		ug/Kg		02/16/11 17:00	02/17/11 13:35	1
1,2-Dichloropropane	ND		5.0		ug/Kg		02/16/11 17:00	02/17/11 13:35	1
cis-1,3-Dichloropropene	ND		5.0		ug/Kg		02/16/11 17:00	02/17/11 13:35	1
trans-1,3-Dichloropropene	ND		5.0		ug/Kg		02/16/11 17:00	02/17/11 13:35	1
Ethylbenzene	ND		5.0		ug/Kg		02/16/11 17:00	02/17/11 13:35	1
Hexachlorobutadiene	ND		5.0		ug/Kg		02/16/11 17:00	02/17/11 13:35	1
2-Hexanone	ND		50		ug/Kg		02/16/11 17:00	02/17/11 13:35	1
Isopropylbenzene	ND		5.0		ug/Kg		02/16/11 17:00	02/17/11 13:35	1
4-Isopropyltoluene	ND		5.0		ug/Kg		02/16/11 17:00	02/17/11 13:35	1
Methylene Chloride	ND		10		ug/Kg		02/16/11 17:00	02/17/11 13:35	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/Kg		02/16/11 17:00	02/17/11 13:35	1
Naphthalene	ND		10		ug/Kg		02/16/11 17:00	02/17/11 13:35	1
N-Propylbenzene	ND		5.0		ug/Kg		02/16/11 17:00	02/17/11 13:35	1
Styrene	ND		5.0		ug/Kg		02/16/11 17:00	02/17/11 13:35	1
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg		02/16/11 17:00	02/17/11 13:35	1
1,1,2,2-Tetrachloroethane	ND		5.0		ug/Kg		02/16/11 17:00	02/17/11 13:35	1
Tetrachloroethene	ND		5.0		ug/Kg		02/16/11 17:00	02/17/11 13:35	1
Toluene	ND		5.0		ug/Kg		02/16/11 17:00	02/17/11 13:35	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg		02/16/11 17:00	02/17/11 13:35	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg		02/16/11 17:00	02/17/11 13:35	1
1,1,1-Trichloroethane	ND		5.0		ug/Kg		02/16/11 17:00	02/17/11 13:35	1
1,1,2-Trichloroethane	ND		5.0		ug/Kg		02/16/11 17:00	02/17/11 13:35	1
Trichloroethene	ND		5.0		ug/Kg		02/16/11 17:00	02/17/11 13:35	1
Trichlorofluoromethane	ND		5.0		ug/Kg		02/16/11 17:00	02/17/11 13:35	1
1,2,3-Trichloropropane	ND		5.0		ug/Kg		02/16/11 17:00	02/17/11 13:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0		ug/Kg		02/16/11 17:00	02/17/11 13:35	1
1,2,4-Trimethylbenzene	ND		5.0		ug/Kg		02/16/11 17:00	02/17/11 13:35	1
1,3,5-Trimethylbenzene	ND		5.0		ug/Kg		02/16/11 17:00	02/17/11 13:35	1
Vinyl acetate	ND		50		ug/Kg		02/16/11 17:00	02/17/11 13:35	1
Vinyl chloride	ND		5.0		ug/Kg		02/16/11 17:00	02/17/11 13:35	1
Xylenes, Total	ND		10		ug/Kg		02/16/11 17:00	02/17/11 13:35	1
2,2-Dichloropropane	ND		5.0		ug/Kg		02/16/11 17:00	02/17/11 13:35	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	69		65 - 117	02/16/11 17:00	02/17/11 13:35	1
1,2-Dichloroethane-d4 (Surr)	93		73 - 140	02/16/11 17:00	02/17/11 13:35	1
Toluene-d8 (Surr)	84		84 - 116	02/16/11 17:00	02/17/11 13:35	1

# Analytical Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33381-1

**Client Sample ID: SB-6**

**Date Collected: 02/15/11 15:30**

**Date Received: 02/16/11 11:15**

**Lab Sample ID: 720-33381-4**

**Matrix: Solid**

**Method: 8270C SIM - PAHs by GCMS (SIM)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		49		ug/Kg		02/17/11 11:40	02/22/11 20:19	10
Acenaphthene	ND		49		ug/Kg		02/17/11 11:40	02/22/11 20:19	10
Acenaphthylene	ND		49		ug/Kg		02/17/11 11:40	02/22/11 20:19	10
Fluorene	ND		49		ug/Kg		02/17/11 11:40	02/22/11 20:19	10
Phenanthrene	120		49		ug/Kg		02/17/11 11:40	02/22/11 20:19	10
Anthracene	ND		49		ug/Kg		02/17/11 11:40	02/22/11 20:19	10
Benzo[a]anthracene	55		49		ug/Kg		02/17/11 11:40	02/22/11 20:19	10
Chrysene	83		49		ug/Kg		02/17/11 11:40	02/22/11 20:19	10
Benzo[a]pyrene	58		49		ug/Kg		02/17/11 11:40	02/22/11 20:19	10
Benzo[b]fluoranthene	110		49		ug/Kg		02/17/11 11:40	02/22/11 20:19	10
Benzo[k]fluoranthene	ND		49		ug/Kg		02/17/11 11:40	02/22/11 20:19	10
Benzo[g,h,i]perylene	ND		49		ug/Kg		02/17/11 11:40	02/22/11 20:19	10
Indeno[1,2,3-cd]pyrene	ND		49		ug/Kg		02/17/11 11:40	02/22/11 20:19	10
Fluoranthene	65		49		ug/Kg		02/17/11 11:40	02/22/11 20:19	10
Pyrene	99		49		ug/Kg		02/17/11 11:40	02/22/11 20:19	10
Dibenz(a,h)anthracene	ND		49		ug/Kg		02/17/11 11:40	02/22/11 20:19	10

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	37		33 - 120	02/17/11 11:40	02/22/11 20:19	10
Terphenyl-d14	58		35 - 146	02/17/11 11:40	02/22/11 20:19	10

**Method: 8015B - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	2700		120		mg/Kg		02/17/11 14:39	02/19/11 14:29	50
Motor Oil Range Organics [C24-C36]	9200		6200		mg/Kg		02/17/11 14:39	02/19/11 14:29	50

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	0	D	31 - 114	02/17/11 14:39	02/19/11 14:29	50

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.9		mg/Kg		02/22/11 16:31	02/23/11 11:47	4
Arsenic	ND		3.8		mg/Kg		02/22/11 16:31	02/23/11 11:47	4
Barium	85		1.9		mg/Kg		02/22/11 16:31	02/23/11 11:47	4
Beryllium	ND		0.38		mg/Kg		02/22/11 16:31	02/23/11 11:47	4
Cadmium	ND		0.48		mg/Kg		02/22/11 16:31	02/23/11 11:47	4
Chromium	49		1.9		mg/Kg		02/22/11 16:31	02/23/11 11:47	4
Cobalt	4.4		0.76		mg/Kg		02/22/11 16:31	02/23/11 11:47	4
Copper	18		5.7		mg/Kg		02/22/11 16:31	02/23/11 11:47	4
Lead	19		1.9		mg/Kg		02/22/11 16:31	02/23/11 11:47	4
Molybdenum	ND		1.9		mg/Kg		02/22/11 16:31	02/23/11 11:47	4
Nickel	34		1.9		mg/Kg		02/22/11 16:31	02/23/11 11:47	4
Selenium	ND		3.8		mg/Kg		02/22/11 16:31	02/23/11 11:47	4
Silver	ND		0.95		mg/Kg		02/22/11 16:31	02/23/11 11:47	4
Thallium	ND		1.9		mg/Kg		02/22/11 16:31	02/23/11 11:47	4
Vanadium	34		1.9		mg/Kg		02/22/11 16:31	02/23/11 11:47	4
Zinc	47		5.7		mg/Kg		02/22/11 16:31	02/23/11 11:47	4

**Method: 7471A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.043		0.0097		mg/Kg		02/22/11 10:50	02/22/11 16:37	1



# Quality Control Data

Client: ACC Environmental Consultants  
 Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33381-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Lab Sample ID: MB 720-86415/4**

**Matrix: Water**

**Analysis Batch: 86415**

**Client Sample ID: MB 720-86415/4**

**Prep Type: Total/NA**

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Methyl tert-butyl ether	ND		0.50		ug/L			02/17/11 16:07	1
Acetone	ND		50		ug/L			02/17/11 16:07	1
Benzene	ND		0.50		ug/L			02/17/11 16:07	1
Dichlorobromomethane	ND		0.50		ug/L			02/17/11 16:07	1
Bromobenzene	ND		1.0		ug/L			02/17/11 16:07	1
Chlorobromomethane	ND		1.0		ug/L			02/17/11 16:07	1
Bromoform	ND		1.0		ug/L			02/17/11 16:07	1
Bromomethane	ND		1.0		ug/L			02/17/11 16:07	1
2-Butanone (MEK)	ND		50		ug/L			02/17/11 16:07	1
n-Butylbenzene	ND		1.0		ug/L			02/17/11 16:07	1
sec-Butylbenzene	ND		1.0		ug/L			02/17/11 16:07	1
tert-Butylbenzene	ND		1.0		ug/L			02/17/11 16:07	1
Carbon disulfide	ND		5.0		ug/L			02/17/11 16:07	1
Carbon tetrachloride	ND		0.50		ug/L			02/17/11 16:07	1
Chlorobenzene	ND		0.50		ug/L			02/17/11 16:07	1
Chloroethane	ND		1.0		ug/L			02/17/11 16:07	1
Chloroform	ND		1.0		ug/L			02/17/11 16:07	1
Chloromethane	ND		1.0		ug/L			02/17/11 16:07	1
2-Chlorotoluene	ND		0.50		ug/L			02/17/11 16:07	1
4-Chlorotoluene	ND		0.50		ug/L			02/17/11 16:07	1
Chlorodibromomethane	ND		0.50		ug/L			02/17/11 16:07	1
1,2-Dichlorobenzene	ND		0.50		ug/L			02/17/11 16:07	1
1,3-Dichlorobenzene	ND		0.50		ug/L			02/17/11 16:07	1
1,4-Dichlorobenzene	ND		0.50		ug/L			02/17/11 16:07	1
1,3-Dichloropropane	ND		1.0		ug/L			02/17/11 16:07	1
1,1-Dichloropropene	ND		0.50		ug/L			02/17/11 16:07	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			02/17/11 16:07	1
Ethylene Dibromide	ND		0.50		ug/L			02/17/11 16:07	1
Dibromomethane	ND		0.50		ug/L			02/17/11 16:07	1
Dichlorodifluoromethane	ND		0.50		ug/L			02/17/11 16:07	1
1,1-Dichloroethane	ND		0.50		ug/L			02/17/11 16:07	1
1,2-Dichloroethane	ND		0.50		ug/L			02/17/11 16:07	1
1,1-Dichloroethene	ND		0.50		ug/L			02/17/11 16:07	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			02/17/11 16:07	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			02/17/11 16:07	1
1,2-Dichloropropane	ND		0.50		ug/L			02/17/11 16:07	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			02/17/11 16:07	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			02/17/11 16:07	1
Ethylbenzene	ND		0.50		ug/L			02/17/11 16:07	1
Hexachlorobutadiene	ND		1.0		ug/L			02/17/11 16:07	1
2-Hexanone	ND		50		ug/L			02/17/11 16:07	1
Isopropylbenzene	ND		0.50		ug/L			02/17/11 16:07	1
4-Isopropyltoluene	ND		1.0		ug/L			02/17/11 16:07	1
Methylene Chloride	ND		5.0		ug/L			02/17/11 16:07	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			02/17/11 16:07	1
Naphthalene	ND		1.0		ug/L			02/17/11 16:07	1
N-Propylbenzene	ND		1.0		ug/L			02/17/11 16:07	1
Styrene	ND		0.50		ug/L			02/17/11 16:07	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			02/17/11 16:07	1

# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33381-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 720-86415/4**

**Matrix: Water**

**Analysis Batch: 86415**

**Client Sample ID: MB 720-86415/4**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			02/17/11 16:07	1
Tetrachloroethene	ND		0.50		ug/L			02/17/11 16:07	1
Toluene	ND		0.50		ug/L			02/17/11 16:07	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			02/17/11 16:07	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			02/17/11 16:07	1
1,1,1-Trichloroethane	ND		0.50		ug/L			02/17/11 16:07	1
1,1,2-Trichloroethane	ND		0.50		ug/L			02/17/11 16:07	1
Trichloroethene	ND		0.50		ug/L			02/17/11 16:07	1
Trichlorofluoromethane	ND		1.0		ug/L			02/17/11 16:07	1
1,2,3-Trichloropropane	ND		0.50		ug/L			02/17/11 16:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			02/17/11 16:07	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			02/17/11 16:07	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			02/17/11 16:07	1
Vinyl acetate	ND		10		ug/L			02/17/11 16:07	1
Vinyl chloride	ND		0.50		ug/L			02/17/11 16:07	1
m-Xylene & p-Xylene	ND		1.0		ug/L			02/17/11 16:07	1
o-Xylene	ND		0.50		ug/L			02/17/11 16:07	1
Xylenes, Total	ND		1.0		ug/L			02/17/11 16:07	1
2,2-Dichloropropane	ND		0.50		ug/L			02/17/11 16:07	1

Surrogate	MB % Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	103		67 - 130		02/17/11 16:07	1
1,2-Dichloroethane-d4 (Surr)	101		67 - 130		02/17/11 16:07	1
Toluene-d8 (Surr)	100		70 - 130		02/17/11 16:07	1

**Lab Sample ID: LCS 720-86415/5**

**Matrix: Water**

**Analysis Batch: 86415**

**Client Sample ID: LCS 720-86415/5**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Methyl tert-butyl ether	25.0	26.3		ug/L		105	62 - 130
Acetone	125	107		ug/L		85	26 - 180
Benzene	25.0	25.9		ug/L		104	82 - 127
Dichlorobromomethane	25.0	27.0		ug/L		108	70 - 130
Bromobenzene	25.0	26.1		ug/L		104	79 - 127
Chlorobromomethane	25.0	26.6		ug/L		106	70 - 130
Bromoform	25.0	26.0		ug/L		104	68 - 136
Bromomethane	25.0	25.9		ug/L		104	43 - 151
2-Butanone (MEK)	125	125		ug/L		100	66 - 149
n-Butylbenzene	25.0	26.9		ug/L		108	79 - 142
sec-Butylbenzene	25.0	26.1		ug/L		104	81 - 134
tert-Butylbenzene	25.0	25.7		ug/L		103	82 - 135
Carbon disulfide	25.0	26.8		ug/L		107	68 - 137
Carbon tetrachloride	25.0	26.7		ug/L		107	77 - 146
Chlorobenzene	25.0	25.9		ug/L		104	70 - 130
Chloroethane	25.0	25.4		ug/L		102	62 - 138
Chloroform	25.0	26.5		ug/L		106	70 - 130
Chloromethane	25.0	23.9		ug/L		96	52 - 175
2-Chlorotoluene	25.0	25.7		ug/L		103	70 - 130

TestAmerica San Francisco

# Quality Control Data

Client: ACC Environmental Consultants  
 Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33381-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 720-86415/5**

**Matrix: Water**

**Analysis Batch: 86415**

**Client Sample ID: LCS 720-86415/5**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
4-Chlorotoluene	25.0	25.8		ug/L		103	70 - 130
Chlorodibromomethane	25.0	27.7		ug/L		111	78 - 145
1,2-Dichlorobenzene	25.0	25.4		ug/L		102	70 - 130
1,3-Dichlorobenzene	25.0	25.8		ug/L		103	70 - 130
1,4-Dichlorobenzene	25.0	25.8		ug/L		103	87 - 118
1,3-Dichloropropane	25.0	26.3		ug/L		105	82 - 128
1,1-Dichloropropene	25.0	26.2		ug/L		105	70 - 130
1,2-Dibromo-3-Chloropropane	25.0	24.4		ug/L		97	72 - 136
Ethylene Dibromide	25.0	27.4		ug/L		110	70 - 130
Dibromomethane	25.0	26.2		ug/L		105	70 - 130
Dichlorodifluoromethane	25.0	24.5		ug/L		98	33 - 125
1,1-Dichloroethane	25.0	26.2		ug/L		105	70 - 130
1,2-Dichloroethane	25.0	25.8		ug/L		103	70 - 126
1,1-Dichloroethene	25.0	25.0		ug/L		100	64 - 128
cis-1,2-Dichloroethene	25.0	26.1		ug/L		104	70 - 130
trans-1,2-Dichloroethene	25.0	26.0		ug/L		104	75 - 131
1,2-Dichloropropane	25.0	26.1		ug/L		104	70 - 130
cis-1,3-Dichloropropene	25.0	27.9		ug/L		111	88 - 137
trans-1,3-Dichloropropene	25.0	28.2		ug/L		113	83 - 140
Ethylbenzene	25.0	26.3		ug/L		105	86 - 135
Hexachlorobutadiene	25.0	26.5		ug/L		106	70 - 130
2-Hexanone	125	122		ug/L		98	60 - 164
Isopropylbenzene	25.0	26.5		ug/L		106	70 - 130
4-Isopropyltoluene	25.0	26.1		ug/L		105	70 - 130
Methylene Chloride	25.0	25.2		ug/L		101	73 - 147
4-Methyl-2-pentanone (MIBK)	125	127		ug/L		101	63 - 165
Naphthalene	25.0	25.3		ug/L		101	78 - 135
N-Propylbenzene	25.0	26.1		ug/L		105	70 - 130
Styrene	25.0	27.3		ug/L		109	70 - 130
1,1,1,2-Tetrachloroethane	25.0	27.0		ug/L		108	70 - 130
1,1,2,2-Tetrachloroethane	25.0	25.4		ug/L		102	70 - 130
Tetrachloroethene	25.0	26.7		ug/L		107	70 - 130
Toluene	25.0	26.1		ug/L		104	83 - 129
1,2,3-Trichlorobenzene	25.0	26.4		ug/L		106	70 - 130
1,2,4-Trichlorobenzene	25.0	26.9		ug/L		108	70 - 130
1,1,1-Trichloroethane	25.0	26.8		ug/L		107	70 - 130
1,1,2-Trichloroethane	25.0	25.7		ug/L		103	82 - 128
Trichloroethene	25.0	26.3		ug/L		105	70 - 130
Trichlorofluoromethane	25.0	26.9		ug/L		108	74 - 146
1,2,3-Trichloropropane	25.0	25.6		ug/L		102	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	26.3		ug/L		105	42 - 162
1,2,4-Trimethylbenzene	25.0	25.8		ug/L		103	70 - 132
1,3,5-Trimethylbenzene	25.0	26.0		ug/L		104	70 - 130
Vinyl acetate	25.0	28.2		ug/L		113	43 - 163
Vinyl chloride	25.0	25.2		ug/L		101	65 - 156
m-Xylene & p-Xylene	50.0	52.8		ug/L		106	70 - 142
o-Xylene	25.0	26.0		ug/L		104	89 - 136
2,2-Dichloropropane	25.0	28.9		ug/L		116	70 - 140

# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33381-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 720-86415/5**

**Matrix: Water**

**Analysis Batch: 86415**

**Client Sample ID: LCS 720-86415/5**

**Prep Type: Total/NA**

Surrogate	LCS LCS		Limits
	% Recovery	Qualifier	
4-Bromofluorobenzene	102		67 - 130
1,2-Dichloroethane-d4 (Surr)	95		67 - 130
Toluene-d8 (Surr)	101		70 - 130

**Lab Sample ID: LCSD 720-86415/6**

**Matrix: Water**

**Analysis Batch: 86415**

**Client Sample ID: LCSD 720-86415/6**

**Prep Type: Total/NA**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec.		RPD	RPD Limit
							Limits	RPD		
Methyl tert-butyl ether	25.0	26.1		ug/L		104	62 - 130	1	20	
Acetone	125	116		ug/L		93	26 - 180	8	30	
Benzene	25.0	25.9		ug/L		104	82 - 127	0	20	
Dichlorobromomethane	25.0	27.0		ug/L		108	70 - 130	0	20	
Bromobenzene	25.0	26.0		ug/L		104	79 - 127	1	20	
Chlorobromomethane	25.0	26.3		ug/L		105	70 - 130	1	20	
Bromoform	25.0	26.5		ug/L		106	68 - 136	2	20	
Bromomethane	25.0	26.1		ug/L		104	43 - 151	1	20	
2-Butanone (MEK)	125	131		ug/L		105	66 - 149	5	20	
n-Butylbenzene	25.0	26.7		ug/L		107	79 - 142	1	20	
sec-Butylbenzene	25.0	26.1		ug/L		104	81 - 134	0	20	
tert-Butylbenzene	25.0	25.7		ug/L		103	82 - 135	0	20	
Carbon disulfide	25.0	26.9		ug/L		108	68 - 137	0	20	
Carbon tetrachloride	25.0	26.8		ug/L		107	77 - 146	1	20	
Chlorobenzene	25.0	26.1		ug/L		104	70 - 130	1	20	
Chloroethane	25.0	25.7		ug/L		103	62 - 138	1	20	
Chloroform	25.0	26.3		ug/L		105	70 - 130	0	20	
Chloromethane	25.0	24.2		ug/L		97	52 - 175	1	20	
2-Chlorotoluene	25.0	25.5		ug/L		102	70 - 130	1	20	
4-Chlorotoluene	25.0	25.5		ug/L		102	70 - 130	1	20	
Chlorodibromomethane	25.0	27.7		ug/L		111	78 - 145	0	20	
1,2-Dichlorobenzene	25.0	25.6		ug/L		102	70 - 130	1	20	
1,3-Dichlorobenzene	25.0	25.8		ug/L		103	70 - 130	0	20	
1,4-Dichlorobenzene	25.0	25.5		ug/L		102	87 - 118	1	20	
1,3-Dichloropropane	25.0	26.4		ug/L		106	82 - 128	0	20	
1,1-Dichloropropene	25.0	26.0		ug/L		104	70 - 130	1	20	
1,2-Dibromo-3-Chloropropane	25.0	24.2		ug/L		97	72 - 136	1	20	
Ethylene Dibromide	25.0	27.4		ug/L		110	70 - 130	0	20	
Dibromomethane	25.0	26.3		ug/L		105	70 - 130	0	20	
Dichlorodifluoromethane	25.0	24.9		ug/L		99	33 - 125	1	20	
1,1-Dichloroethane	25.0	26.0		ug/L		104	70 - 130	1	20	
1,2-Dichloroethane	25.0	25.7		ug/L		103	70 - 126	0	20	
1,1-Dichloroethene	25.0	25.2		ug/L		101	64 - 128	1	20	
cis-1,2-Dichloroethene	25.0	26.1		ug/L		104	70 - 130	0	20	
trans-1,2-Dichloroethene	25.0	25.8		ug/L		103	75 - 131	1	20	
1,2-Dichloropropane	25.0	26.2		ug/L		105	70 - 130	0	20	
cis-1,3-Dichloropropene	25.0	27.8		ug/L		111	88 - 137	0	20	
trans-1,3-Dichloropropene	25.0	28.0		ug/L		112	83 - 140	0	20	
Ethylbenzene	25.0	26.5		ug/L		106	86 - 135	1	20	
Hexachlorobutadiene	25.0	27.1		ug/L		108	70 - 130	2	20	

# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33381-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCSD 720-86415/6**

**Matrix: Water**

**Analysis Batch: 86415**

**Client Sample ID: LCSD 720-86415/6**

**Prep Type: Total/NA**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec.		RPD Limit
							Limits	RPD	
2-Hexanone	125	127		ug/L		101	60 - 164	4	20
Isopropylbenzene	25.0	26.8		ug/L		107	70 - 130	1	20
4-Isopropyltoluene	25.0	26.2		ug/L		105	70 - 130	0	20
Methylene Chloride	25.0	25.4		ug/L		102	73 - 147	1	20
4-Methyl-2-pentanone (MIBK)	125	127		ug/L		102	63 - 165	1	20
Naphthalene	25.0	25.8		ug/L		103	78 - 135	2	20
N-Propylbenzene	25.0	26.0		ug/L		104	70 - 130	0	20
Styrene	25.0	27.6		ug/L		110	70 - 130	1	20
1,1,1,2-Tetrachloroethane	25.0	26.9		ug/L		107	70 - 130	0	20
1,1,2,2-Tetrachloroethane	25.0	25.1		ug/L		101	70 - 130	1	20
Tetrachloroethene	25.0	26.6		ug/L		107	70 - 130	0	20
Toluene	25.0	26.3		ug/L		105	83 - 129	1	20
1,2,3-Trichlorobenzene	25.0	26.9		ug/L		107	70 - 130	2	20
1,2,4-Trichlorobenzene	25.0	27.3		ug/L		109	70 - 130	1	20
1,1,1-Trichloroethane	25.0	26.6		ug/L		106	70 - 130	1	20
1,1,2-Trichloroethane	25.0	25.8		ug/L		103	82 - 128	1	20
Trichloroethene	25.0	26.1		ug/L		104	70 - 130	1	20
Trichlorofluoromethane	25.0	27.2		ug/L		109	74 - 146	1	20
1,2,3-Trichloropropane	25.0	25.2		ug/L		101	70 - 130	2	20
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	26.8		ug/L		107	42 - 162	2	20
1,2,4-Trimethylbenzene	25.0	25.6		ug/L		103	70 - 132	1	20
1,3,5-Trimethylbenzene	25.0	25.8		ug/L		103	70 - 130	1	20
Vinyl acetate	25.0	28.0		ug/L		112	43 - 163	1	20
Vinyl chloride	25.0	25.5		ug/L		102	65 - 156	1	20
m-Xylene & p-Xylene	50.0	53.0		ug/L		106	70 - 142	0	20
o-Xylene	25.0	26.2		ug/L		105	89 - 136	1	20
2,2-Dichloropropane	25.0	28.7		ug/L		115	70 - 140	1	20

Surrogate	LCSD LCSD		Limits
	% Recovery	Qualifier	
4-Bromofluorobenzene	103		67 - 130
1,2-Dichloroethane-d4 (Surr)	95		67 - 130
Toluene-d8 (Surr)	100		70 - 130

**Lab Sample ID: MB 720-86471/1-A**

**Matrix: Solid**

**Analysis Batch: 86378**

**Client Sample ID: MB 720-86471/1-A**

**Prep Type: Total/NA**

**Prep Batch: 86471**

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Methyl tert-butyl ether	ND		5.0		ug/Kg		02/17/11 08:37	02/17/11 10:15	1
Acetone	ND		50		ug/Kg		02/17/11 08:37	02/17/11 10:15	1
Benzene	ND		5.0		ug/Kg		02/17/11 08:37	02/17/11 10:15	1
Dichlorobromomethane	ND		5.0		ug/Kg		02/17/11 08:37	02/17/11 10:15	1
Bromobenzene	ND		5.0		ug/Kg		02/17/11 08:37	02/17/11 10:15	1
Chlorobromomethane	ND		20		ug/Kg		02/17/11 08:37	02/17/11 10:15	1
Bromoform	ND		5.0		ug/Kg		02/17/11 08:37	02/17/11 10:15	1
Bromomethane	ND		10		ug/Kg		02/17/11 08:37	02/17/11 10:15	1
2-Butanone (MEK)	ND		50		ug/Kg		02/17/11 08:37	02/17/11 10:15	1
n-Butylbenzene	ND		5.0		ug/Kg		02/17/11 08:37	02/17/11 10:15	1
sec-Butylbenzene	ND		5.0		ug/Kg		02/17/11 08:37	02/17/11 10:15	1

# Quality Control Data

Client: ACC Environmental Consultants  
 Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33381-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 720-86471/1-A**

**Matrix: Solid**

**Analysis Batch: 86378**

**Client Sample ID: MB 720-86471/1-A**

**Prep Type: Total/NA**

**Prep Batch: 86471**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	ND		5.0		ug/Kg		02/17/11 08:37	02/17/11 10:15	1
Carbon disulfide	ND		5.0		ug/Kg		02/17/11 08:37	02/17/11 10:15	1
Carbon tetrachloride	ND		5.0		ug/Kg		02/17/11 08:37	02/17/11 10:15	1
Chlorobenzene	ND		5.0		ug/Kg		02/17/11 08:37	02/17/11 10:15	1
Chloroethane	ND		10		ug/Kg		02/17/11 08:37	02/17/11 10:15	1
Chloroform	ND		5.0		ug/Kg		02/17/11 08:37	02/17/11 10:15	1
Chloromethane	ND		10		ug/Kg		02/17/11 08:37	02/17/11 10:15	1
2-Chlorotoluene	ND		5.0		ug/Kg		02/17/11 08:37	02/17/11 10:15	1
4-Chlorotoluene	ND		5.0		ug/Kg		02/17/11 08:37	02/17/11 10:15	1
Chlorodibromomethane	ND		5.0		ug/Kg		02/17/11 08:37	02/17/11 10:15	1
1,2-Dichlorobenzene	ND		5.0		ug/Kg		02/17/11 08:37	02/17/11 10:15	1
1,3-Dichlorobenzene	ND		5.0		ug/Kg		02/17/11 08:37	02/17/11 10:15	1
1,4-Dichlorobenzene	ND		5.0		ug/Kg		02/17/11 08:37	02/17/11 10:15	1
1,3-Dichloropropane	ND		5.0		ug/Kg		02/17/11 08:37	02/17/11 10:15	1
1,1-Dichloropropene	ND		5.0		ug/Kg		02/17/11 08:37	02/17/11 10:15	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/Kg		02/17/11 08:37	02/17/11 10:15	1
Ethylene Dibromide	ND		5.0		ug/Kg		02/17/11 08:37	02/17/11 10:15	1
Dibromomethane	ND		10		ug/Kg		02/17/11 08:37	02/17/11 10:15	1
Dichlorodifluoromethane	ND		10		ug/Kg		02/17/11 08:37	02/17/11 10:15	1
1,1-Dichloroethane	ND		5.0		ug/Kg		02/17/11 08:37	02/17/11 10:15	1
1,2-Dichloroethane	ND		5.0		ug/Kg		02/17/11 08:37	02/17/11 10:15	1
1,1-Dichloroethene	ND		5.0		ug/Kg		02/17/11 08:37	02/17/11 10:15	1
cis-1,2-Dichloroethene	ND		5.0		ug/Kg		02/17/11 08:37	02/17/11 10:15	1
trans-1,2-Dichloroethene	ND		5.0		ug/Kg		02/17/11 08:37	02/17/11 10:15	1
1,2-Dichloropropane	ND		5.0		ug/Kg		02/17/11 08:37	02/17/11 10:15	1
cis-1,3-Dichloropropene	ND		5.0		ug/Kg		02/17/11 08:37	02/17/11 10:15	1
trans-1,3-Dichloropropene	ND		5.0		ug/Kg		02/17/11 08:37	02/17/11 10:15	1
Ethylbenzene	ND		5.0		ug/Kg		02/17/11 08:37	02/17/11 10:15	1
Hexachlorobutadiene	ND		5.0		ug/Kg		02/17/11 08:37	02/17/11 10:15	1
2-Hexanone	ND		50		ug/Kg		02/17/11 08:37	02/17/11 10:15	1
Isopropylbenzene	ND		5.0		ug/Kg		02/17/11 08:37	02/17/11 10:15	1
4-Isopropyltoluene	ND		5.0		ug/Kg		02/17/11 08:37	02/17/11 10:15	1
Methylene Chloride	ND		10		ug/Kg		02/17/11 08:37	02/17/11 10:15	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/Kg		02/17/11 08:37	02/17/11 10:15	1
Naphthalene	ND		10		ug/Kg		02/17/11 08:37	02/17/11 10:15	1
N-Propylbenzene	ND		5.0		ug/Kg		02/17/11 08:37	02/17/11 10:15	1
Styrene	ND		5.0		ug/Kg		02/17/11 08:37	02/17/11 10:15	1
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg		02/17/11 08:37	02/17/11 10:15	1
1,1,2,2-Tetrachloroethane	ND		5.0		ug/Kg		02/17/11 08:37	02/17/11 10:15	1
Tetrachloroethene	ND		5.0		ug/Kg		02/17/11 08:37	02/17/11 10:15	1
Toluene	ND		5.0		ug/Kg		02/17/11 08:37	02/17/11 10:15	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg		02/17/11 08:37	02/17/11 10:15	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg		02/17/11 08:37	02/17/11 10:15	1
1,1,1-Trichloroethane	ND		5.0		ug/Kg		02/17/11 08:37	02/17/11 10:15	1
1,1,2-Trichloroethane	ND		5.0		ug/Kg		02/17/11 08:37	02/17/11 10:15	1
Trichloroethene	ND		5.0		ug/Kg		02/17/11 08:37	02/17/11 10:15	1
Trichlorofluoromethane	ND		5.0		ug/Kg		02/17/11 08:37	02/17/11 10:15	1
1,2,3-Trichloropropane	ND		5.0		ug/Kg		02/17/11 08:37	02/17/11 10:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0		ug/Kg		02/17/11 08:37	02/17/11 10:15	1
1,2,4-Trimethylbenzene	ND		5.0		ug/Kg		02/17/11 08:37	02/17/11 10:15	1

# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33381-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 720-86471/1-A**

**Matrix: Solid**

**Analysis Batch: 86378**

**Client Sample ID: MB 720-86471/1-A**

**Prep Type: Total/NA**

**Prep Batch: 86471**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	ND		5.0		ug/Kg		02/17/11 08:37	02/17/11 10:15	1
Vinyl acetate	ND		50		ug/Kg		02/17/11 08:37	02/17/11 10:15	1
Vinyl chloride	ND		5.0		ug/Kg		02/17/11 08:37	02/17/11 10:15	1
m-Xylene & p-Xylene	ND		5.0		ug/Kg		02/17/11 08:37	02/17/11 10:15	1
o-Xylene	ND		5.0		ug/Kg		02/17/11 08:37	02/17/11 10:15	1
Xylenes, Total	ND		10		ug/Kg		02/17/11 08:37	02/17/11 10:15	1
2,2-Dichloropropane	ND		5.0		ug/Kg		02/17/11 08:37	02/17/11 10:15	1

Surrogate	MB % Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	100		65 - 117	02/17/11 08:37	02/17/11 10:15	1
1,2-Dichloroethane-d4 (Surr)	103		73 - 140	02/17/11 08:37	02/17/11 10:15	1
Toluene-d8 (Surr)	106		84 - 116	02/17/11 08:37	02/17/11 10:15	1

**Lab Sample ID: LCS 720-86471/2-A**

**Matrix: Solid**

**Analysis Batch: 86378**

**Client Sample ID: LCS 720-86471/2-A**

**Prep Type: Total/NA**

**Prep Batch: 86471**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Methyl tert-butyl ether	50.0	59.4		ug/Kg		119	71 - 144
Acetone	250	204		ug/Kg		81	45 - 154
Benzene	50.0	53.3		ug/Kg		107	82 - 124
Dichlorobromomethane	50.0	56.6		ug/Kg		113	89 - 131
Bromobenzene	50.0	58.1		ug/Kg		116	84 - 120
Chlorobromomethane	50.0	53.3		ug/Kg		107	82 - 115
Bromoform	50.0	59.9		ug/Kg		120	59 - 158
Bromomethane	50.0	33.4 *		ug/Kg		67	71 - 136
2-Butanone (MEK)	250	261		ug/Kg		104	61 - 150
n-Butylbenzene	50.0	57.0		ug/Kg		114	80 - 142
sec-Butylbenzene	50.0	52.4		ug/Kg		105	85 - 136
tert-Butylbenzene	50.0	58.7		ug/Kg		117	74 - 134
Carbon disulfide	50.0	46.4		ug/Kg		93	60 - 136
Carbon tetrachloride	50.0	55.5		ug/Kg		111	81 - 138
Chlorobenzene	50.0	49.5		ug/Kg		99	82 - 115
Chloroethane	50.0	43.5		ug/Kg		87	69 - 141
Chloroform	50.0	50.1		ug/Kg		100	77 - 127
Chloromethane	50.0	45.5		ug/Kg		91	60 - 149
2-Chlorotoluene	50.0	56.2		ug/Kg		112	80 - 138
4-Chlorotoluene	50.0	56.0		ug/Kg		112	79 - 136
Chlorodibromomethane	50.0	58.3		ug/Kg		117	75 - 146
1,2-Dichlorobenzene	50.0	51.8		ug/Kg		104	84 - 130
1,3-Dichlorobenzene	50.0	53.5		ug/Kg		107	84 - 131
1,4-Dichlorobenzene	50.0	49.9		ug/Kg		100	85 - 125
1,3-Dichloropropane	50.0	54.3		ug/Kg		109	79 - 140
1,1-Dichloropropene	50.0	60.3		ug/Kg		121	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	51.3		ug/Kg		103	68 - 148
Ethylene Dibromide	50.0	58.6		ug/Kg		117	79 - 140
Dibromomethane	50.0	54.1		ug/Kg		108	80 - 139
Dichlorodifluoromethane	50.0	38.6		ug/Kg		77	37 - 158
1,1-Dichloroethane	50.0	48.8		ug/Kg		98	81 - 117

# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33381-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 720-86471/2-A**

**Matrix: Solid**

**Analysis Batch: 86378**

**Client Sample ID: LCS 720-86471/2-A**

**Prep Type: Total/NA**

**Prep Batch: 86471**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits	
							Limits	
1,2-Dichloroethane	50.0	53.6		ug/Kg		107	78 - 140	
1,1-Dichloroethene	50.0	49.4		ug/Kg		99	77 - 120	
cis-1,2-Dichloroethene	50.0	58.7		ug/Kg		117	91 - 133	
trans-1,2-Dichloroethene	50.0	46.1		ug/Kg		92	73 - 117	
1,2-Dichloropropane	50.0	53.8		ug/Kg		108	81 - 124	
cis-1,3-Dichloropropene	50.0	59.2		ug/Kg		118	68 - 147	
trans-1,3-Dichloropropene	50.0	58.8		ug/Kg		118	84 - 136	
Ethylbenzene	50.0	53.8		ug/Kg		108	80 - 137	
Hexachlorobutadiene	50.0	57.8		ug/Kg		116	72 - 132	
2-Hexanone	250	259		ug/Kg		104	60 - 161	
Isopropylbenzene	50.0	54.5		ug/Kg		109	83 - 121	
4-Isopropyltoluene	50.0	55.2		ug/Kg		110	85 - 133	
Methylene Chloride	50.0	48.4		ug/Kg		97	68 - 126	
4-Methyl-2-pentanone (MIBK)	250	262		ug/Kg		105	69 - 160	
Naphthalene	50.0	59.6		ug/Kg		119	70 - 147	
N-Propylbenzene	50.0	52.8		ug/Kg		106	72 - 125	
Styrene	50.0	55.0		ug/Kg		110	87 - 128	
1,1,1,2-Tetrachloroethane	50.0	55.6		ug/Kg		111	90 - 130	
1,1,2,2-Tetrachloroethane	50.0	51.0		ug/Kg		102	82 - 146	
Tetrachloroethene	50.0	57.7		ug/Kg		115	78 - 132	
Toluene	50.0	51.7		ug/Kg		103	83 - 128	
1,2,3-Trichlorobenzene	50.0	62.3		ug/Kg		125	74 - 136	
1,2,4-Trichlorobenzene	50.0	59.1		ug/Kg		118	70 - 131	
1,1,1-Trichloroethane	50.0	54.8		ug/Kg		110	85 - 133	
1,1,2-Trichloroethane	50.0	55.6		ug/Kg		111	82 - 125	
Trichloroethene	50.0	56.2		ug/Kg		112	81 - 133	
Trichlorofluoromethane	50.0	52.0		ug/Kg		104	71 - 139	
1,2,3-Trichloropropane	50.0	55.2		ug/Kg		110	76 - 146	
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	50.2		ug/Kg		100	70 - 130	
1,2,4-Trimethylbenzene	50.0	59.1		ug/Kg		118	84 - 131	
1,3,5-Trimethylbenzene	50.0	56.7		ug/Kg		113	86 - 134	
Vinyl acetate	50.0	66.1		ug/Kg		132	38 - 176	
Vinyl chloride	50.0	46.7		ug/Kg		93	63 - 140	
m-Xylene & p-Xylene	100	103		ug/Kg		103	79 - 146	
o-Xylene	50.0	52.1		ug/Kg		104	84 - 140	
2,2-Dichloropropane	50.0	57.8		ug/Kg		116	73 - 162	

Surrogate	LCS LCS		Limits
	% Recovery	Qualifier	
4-Bromofluorobenzene	103		65 - 117
1,2-Dichloroethane-d4 (Surr)	100		73 - 140
Toluene-d8 (Surr)	107		84 - 116

**Lab Sample ID: LCSD 720-86471/3-A**

**Matrix: Solid**

**Analysis Batch: 86378**

**Client Sample ID: LCSD 720-86471/3-A**

**Prep Type: Total/NA**

**Prep Batch: 86471**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. RPD	
							Limits	RPD
Methyl tert-butyl ether	50.0	58.6		ug/Kg		117	71 - 144	1 20
Acetone	250	197		ug/Kg		79	45 - 154	3 30

TestAmerica San Francisco



# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33381-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCSD 720-86471/3-A**

**Matrix: Solid**

**Analysis Batch: 86378**

**Client Sample ID: LCSD 720-86471/3-A**

**Prep Type: Total/NA**

**Prep Batch: 86471**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec.		RPD Limit
							Limits	RPD	
Benzene	50.0	51.7		ug/Kg		103	82 - 124	3	20
Dichlorobromomethane	50.0	55.6		ug/Kg		111	89 - 131	2	20
Bromobenzene	50.0	55.0		ug/Kg		110	84 - 120	5	20
Chlorobromomethane	50.0	53.4		ug/Kg		107	82 - 115	0	20
Bromoform	50.0	57.7		ug/Kg		115	59 - 158	4	20
Bromomethane	50.0	32.7 *		ug/Kg		65	71 - 136	2	20
2-Butanone (MEK)	250	251		ug/Kg		100	61 - 150	4	20
n-Butylbenzene	50.0	54.2		ug/Kg		108	80 - 142	5	20
sec-Butylbenzene	50.0	49.0		ug/Kg		98	85 - 136	7	20
tert-Butylbenzene	50.0	54.9		ug/Kg		110	74 - 134	7	20
Carbon disulfide	50.0	43.4		ug/Kg		87	60 - 136	7	20
Carbon tetrachloride	50.0	52.4		ug/Kg		105	81 - 138	6	20
Chlorobenzene	50.0	47.9		ug/Kg		96	82 - 115	3	20
Chloroethane	50.0	39.9		ug/Kg		80	69 - 141	9	20
Chloroform	50.0	48.6		ug/Kg		97	77 - 127	3	20
Chloromethane	50.0	43.2		ug/Kg		86	60 - 149	5	20
2-Chlorotoluene	50.0	53.6		ug/Kg		107	80 - 138	5	20
4-Chlorotoluene	50.0	53.3		ug/Kg		107	79 - 136	5	20
Chlorodibromomethane	50.0	57.3		ug/Kg		115	75 - 146	2	20
1,2-Dichlorobenzene	50.0	50.0		ug/Kg		100	84 - 130	4	20
1,3-Dichlorobenzene	50.0	50.9		ug/Kg		102	84 - 131	5	20
1,4-Dichlorobenzene	50.0	48.3		ug/Kg		97	85 - 125	3	20
1,3-Dichloropropane	50.0	53.6		ug/Kg		107	79 - 140	1	20
1,1-Dichloropropene	50.0	57.4		ug/Kg		115	70 - 130	5	20
1,2-Dibromo-3-Chloropropane	50.0	50.6		ug/Kg		101	68 - 148	1	20
Ethylene Dibromide	50.0	56.8		ug/Kg		114	79 - 140	3	20
Dibromomethane	50.0	52.0		ug/Kg		104	80 - 139	4	20
Dichlorodifluoromethane	50.0	33.7		ug/Kg		67	37 - 158	14	20
1,1-Dichloroethane	50.0	46.9		ug/Kg		94	81 - 117	4	20
1,2-Dichloroethane	50.0	51.6		ug/Kg		103	78 - 140	4	20
1,1-Dichloroethene	50.0	46.5		ug/Kg		93	77 - 120	6	20
cis-1,2-Dichloroethene	50.0	56.3		ug/Kg		113	91 - 133	4	20
trans-1,2-Dichloroethene	50.0	43.8		ug/Kg		88	73 - 117	5	20
1,2-Dichloropropane	50.0	52.8		ug/Kg		106	81 - 124	2	20
cis-1,3-Dichloropropene	50.0	58.8		ug/Kg		118	68 - 147	1	20
trans-1,3-Dichloropropene	50.0	57.3		ug/Kg		115	84 - 136	3	20
Ethylbenzene	50.0	51.1		ug/Kg		102	80 - 137	5	20
Hexachlorobutadiene	50.0	57.2		ug/Kg		114	72 - 132	1	20
2-Hexanone	250	248		ug/Kg		99	60 - 161	4	20
Isopropylbenzene	50.0	51.9		ug/Kg		104	83 - 121	5	20
4-Isopropyltoluene	50.0	51.7		ug/Kg		103	85 - 133	7	20
Methylene Chloride	50.0	47.4		ug/Kg		95	68 - 126	2	20
4-Methyl-2-pentanone (MIBK)	250	253		ug/Kg		101	69 - 160	3	20
Naphthalene	50.0	61.0		ug/Kg		122	70 - 147	2	20
N-Propylbenzene	50.0	49.4		ug/Kg		99	72 - 125	7	20
Styrene	50.0	53.5		ug/Kg		107	87 - 128	3	20
1,1,1,2-Tetrachloroethane	50.0	54.0		ug/Kg		108	90 - 130	3	20
1,1,2,2-Tetrachloroethane	50.0	48.0		ug/Kg		96	82 - 146	6	20
Tetrachloroethene	50.0	55.2		ug/Kg		110	78 - 132	4	20
Toluene	50.0	48.8		ug/Kg		98	83 - 128	6	20

# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33381-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCSD 720-86471/3-A**

**Matrix: Solid**

**Analysis Batch: 86378**

**Client Sample ID: LCSD 720-86471/3-A**

**Prep Type: Total/NA**

**Prep Batch: 86471**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec.		RPD Limit
							Limits	RPD	
1,2,3-Trichlorobenzene	50.0	64.8		ug/Kg		130	74 - 136	4	20
1,2,4-Trichlorobenzene	50.0	59.8		ug/Kg		120	70 - 131	1	20
1,1,1-Trichloroethane	50.0	52.4		ug/Kg		105	85 - 133	5	20
1,1,2-Trichloroethane	50.0	54.6		ug/Kg		109	82 - 125	2	20
Trichloroethene	50.0	53.2		ug/Kg		106	81 - 133	5	20
Trichlorofluoromethane	50.0	46.3		ug/Kg		93	71 - 139	11	20
1,2,3-Trichloropropane	50.0	51.8		ug/Kg		104	76 - 146	6	20
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	47.5		ug/Kg		95	70 - 130	6	20
1,2,4-Trimethylbenzene	50.0	56.3		ug/Kg		113	84 - 131	5	20
1,3,5-Trimethylbenzene	50.0	52.9		ug/Kg		106	86 - 134	7	20
Vinyl acetate	50.0	62.5		ug/Kg		125	38 - 176	6	20
Vinyl chloride	50.0	41.1		ug/Kg		82	63 - 140	13	20
m-Xylene & p-Xylene	100	99.0		ug/Kg		99	79 - 146	4	20
o-Xylene	50.0	50.3		ug/Kg		101	84 - 140	4	20
2,2-Dichloropropane	50.0	54.6		ug/Kg		109	73 - 162	6	20

Surrogate	LCSD		Limits
	% Recovery	Qualifier	
4-Bromofluorobenzene	100		65 - 117
1,2-Dichloroethane-d4 (Surr)	98		73 - 140
Toluene-d8 (Surr)	102		84 - 116

## Method: 8270C SIM - PAHs by GCMS (SIM)

**Lab Sample ID: MB 720-86403/1-A**

**Matrix: Solid**

**Analysis Batch: 86463**

**Client Sample ID: MB 720-86403/1-A**

**Prep Type: Total/NA**

**Prep Batch: 86403**

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Naphthalene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 13:13	1
Acenaphthene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 13:13	1
Acenaphthylene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 13:13	1
Fluorene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 13:13	1
Phenanthrene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 13:13	1
Anthracene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 13:13	1
Benzo[a]anthracene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 13:13	1
Chrysene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 13:13	1
Benzo[a]pyrene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 13:13	1
Benzo[b]fluoranthene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 13:13	1
Benzo[k]fluoranthene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 13:13	1
Benzo[g,h,i]perylene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 13:13	1
Indeno[1,2,3-cd]pyrene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 13:13	1
Fluoranthene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 13:13	1
Pyrene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 13:13	1
Dibenz(a,h)anthracene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 13:13	1

Surrogate	MB		Limits	Prepared	Analyzed	Dil Fac
	% Recovery	Qualifier				
2-Fluorobiphenyl	78		33 - 120	02/17/11 11:39	02/18/11 13:13	1
Terphenyl-d14	85		35 - 146	02/17/11 11:39	02/18/11 13:13	1

TestAmerica San Francisco

# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33381-1

## Method: 8270C SIM - PAHs by GCMS (SIM) (Continued)

**Lab Sample ID: LCS 720-86403/2-A**

**Matrix: Solid**

**Analysis Batch: 86463**

**Client Sample ID: LCS 720-86403/2-A**

**Prep Type: Total/NA**

**Prep Batch: 86403**

Analyte	Spike Added	LCS	LCS	Unit	D	% Rec	% Rec. Limits
		Result	Qualifier				
Naphthalene	332	244		ug/Kg		74	46 - 120
Acenaphthene	332	258		ug/Kg		78	49 - 120
Acenaphthylene	332	261		ug/Kg		79	52 - 120
Fluorene	332	254		ug/Kg		76	52 - 120
Phenanthrene	332	241		ug/Kg		73	48 - 120
Anthracene	332	289		ug/Kg		87	52 - 120
Benzo[a]anthracene	332	239		ug/Kg		72	52 - 120
Chrysene	332	281		ug/Kg		85	54 - 120
Benzo[a]pyrene	332	305		ug/Kg		92	54 - 120
Benzo[b]fluoranthene	332	278		ug/Kg		84	51 - 120
Benzo[k]fluoranthene	332	334		ug/Kg		101	56 - 120
Benzo[g,h,i]perylene	332	290		ug/Kg		88	48 - 120
Indeno[1,2,3-cd]pyrene	332	289		ug/Kg		87	48 - 120
Fluoranthene	332	285		ug/Kg		86	57 - 120
Pyrene	332	277		ug/Kg		84	53 - 120
Dibenz(a,h)anthracene	332	274		ug/Kg		83	50 - 120

Surrogate	LCS	LCS	Limits
	% Recovery	Qualifier	
2-Fluorobiphenyl	78		33 - 120
Terphenyl-d14	81		35 - 146

**Lab Sample ID: LCSD 720-86403/3-A**

**Matrix: Solid**

**Analysis Batch: 86463**

**Client Sample ID: LCSD 720-86403/3-A**

**Prep Type: Total/NA**

**Prep Batch: 86403**

Analyte	Spike Added	LCSD	LCSD	Unit	D	% Rec	% Rec. Limits	RPD	Limit
		Result	Qualifier						
Naphthalene	330	249		ug/Kg		76	46 - 120	2	20
Acenaphthene	330	261		ug/Kg		79	49 - 120	1	20
Acenaphthylene	330	261		ug/Kg		79	52 - 120	0	20
Fluorene	330	250		ug/Kg		76	52 - 120	1	20
Phenanthrene	330	237		ug/Kg		72	48 - 120	2	20
Anthracene	330	290		ug/Kg		88	52 - 120	0	20
Benzo[a]anthracene	330	238		ug/Kg		72	52 - 120	0	20
Chrysene	330	278		ug/Kg		84	54 - 120	1	20
Benzo[a]pyrene	330	297		ug/Kg		90	54 - 120	3	20
Benzo[b]fluoranthene	330	263		ug/Kg		80	51 - 120	6	20
Benzo[k]fluoranthene	330	347		ug/Kg		105	56 - 120	4	20
Benzo[g,h,i]perylene	330	279		ug/Kg		84	48 - 120	4	20
Indeno[1,2,3-cd]pyrene	330	274		ug/Kg		83	48 - 120	5	20
Fluoranthene	330	289		ug/Kg		88	57 - 120	1	20
Pyrene	330	276		ug/Kg		84	53 - 120	1	20
Dibenz(a,h)anthracene	330	262		ug/Kg		79	50 - 120	4	20

Surrogate	LCSD	LCSD	Limits
	% Recovery	Qualifier	
2-Fluorobiphenyl	79		33 - 120
Terphenyl-d14	81		35 - 146

# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33381-1

## Method: 8270C SIM - PAHs by GCMS (SIM) (Continued)

**Lab Sample ID: MB 720-86506/1-A**

**Matrix: Water**

**Analysis Batch: 86570**

**Client Sample ID: MB 720-86506/1-A**

**Prep Type: Total/NA**

**Prep Batch: 86506**

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Naphthalene	ND		0.10		ug/L		02/18/11 15:10	02/22/11 11:56	1
Acenaphthene	ND		0.10		ug/L		02/18/11 15:10	02/22/11 11:56	1
Acenaphthylene	ND		0.10		ug/L		02/18/11 15:10	02/22/11 11:56	1
Fluorene	ND		0.10		ug/L		02/18/11 15:10	02/22/11 11:56	1
Phenanthrene	ND		0.10		ug/L		02/18/11 15:10	02/22/11 11:56	1
Anthracene	ND		0.10		ug/L		02/18/11 15:10	02/22/11 11:56	1
Benzo[a]anthracene	ND		0.10		ug/L		02/18/11 15:10	02/22/11 11:56	1
Chrysene	ND		0.10		ug/L		02/18/11 15:10	02/22/11 11:56	1
Benzo[a]pyrene	ND		0.10		ug/L		02/18/11 15:10	02/22/11 11:56	1
Benzo[b]fluoranthene	ND		0.10		ug/L		02/18/11 15:10	02/22/11 11:56	1
Benzo[k]fluoranthene	ND		0.10		ug/L		02/18/11 15:10	02/22/11 11:56	1
Benzo[g,h,i]perylene	ND		0.10		ug/L		02/18/11 15:10	02/22/11 11:56	1
Indeno[1,2,3-cd]pyrene	ND		0.10		ug/L		02/18/11 15:10	02/22/11 11:56	1
Fluoranthene	ND		0.10		ug/L		02/18/11 15:10	02/22/11 11:56	1
Pyrene	ND		0.10		ug/L		02/18/11 15:10	02/22/11 11:56	1
Dibenz(a,h)anthracene	ND		0.10		ug/L		02/18/11 15:10	02/22/11 11:56	1
Surrogate	MB MB		Limits				Prepared	Analyzed	Dil Fac
	% Recovery	Qualifier							
2-Fluorobiphenyl	68		29 - 120				02/18/11 15:10	02/22/11 11:56	1
Terphenyl-d14	109		45 - 120				02/18/11 15:10	02/22/11 11:56	1

**Lab Sample ID: LCS 720-86506/2-A**

**Matrix: Water**

**Analysis Batch: 86570**

**Client Sample ID: LCS 720-86506/2-A**

**Prep Type: Total/NA**

**Prep Batch: 86506**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	Limits
Naphthalene	10.0	5.83		ug/L		58	33 - 120
Acenaphthene	10.0	6.07		ug/L		61	37 - 120
Acenaphthylene	10.0	6.02		ug/L		60	36 - 120
Fluorene	10.0	5.92		ug/L		59	39 - 120
Phenanthrene	10.0	5.94		ug/L		59	44 - 120
Anthracene	10.0	8.11		ug/L		81	45 - 120
Benzo[a]anthracene	10.0	8.87		ug/L		89	48 - 120
Chrysene	10.0	9.61		ug/L		96	52 - 120
Benzo[a]pyrene	10.0	10.8		ug/L		108	50 - 120
Benzo[b]fluoranthene	10.0	10.1		ug/L		101	48 - 120
Benzo[k]fluoranthene	10.0	10.6		ug/L		106	50 - 120
Benzo[g,h,i]perylene	10.0	9.75		ug/L		98	49 - 120
Indeno[1,2,3-cd]pyrene	10.0	9.68		ug/L		97	48 - 120
Fluoranthene	10.0	9.04		ug/L		90	46 - 120
Pyrene	10.0	9.19		ug/L		92	50 - 120
Dibenz(a,h)anthracene	10.0	9.32		ug/L		93	48 - 101
Surrogate	LCS LCS		Limits				
	% Recovery	Qualifier					
2-Fluorobiphenyl	59		29 - 120				
Terphenyl-d14	94		45 - 120				

# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33381-1

## Method: 8270C SIM - PAHs by GCMS (SIM) (Continued)

**Lab Sample ID: LCSD 720-86506/3-A**

**Matrix: Water**

**Analysis Batch: 86570**

**Client Sample ID: LCSD 720-86506/3-A**

**Prep Type: Total/NA**

**Prep Batch: 86506**

Analyte	Spike Added	LCSD	LCSD	Unit	D	% Rec	% Rec.		RPD Limit
		Result	Qualifier				Limits	RPD	
Naphthalene	10.0	6.02		ug/L		60	33 - 120	3	35
Acenaphthene	10.0	6.45		ug/L		65	37 - 120	6	35
Acenaphthylene	10.0	6.38		ug/L		64	36 - 120	6	35
Fluorene	10.0	6.21		ug/L		62	39 - 120	5	35
Phenanthrene	10.0	6.75		ug/L		67	44 - 120	13	35
Anthracene	10.0	8.71		ug/L		87	45 - 120	7	35
Benzo[a]anthracene	10.0	8.75		ug/L		87	48 - 120	1	35
Chrysene	10.0	9.56		ug/L		96	52 - 120	0	35
Benzo[a]pyrene	10.0	10.6		ug/L		106	50 - 120	2	35
Benzo[b]fluoranthene	10.0	9.29		ug/L		93	48 - 120	9	35
Benzo[k]fluoranthene	10.0	11.1		ug/L		111	50 - 120	5	35
Benzo[g,h,i]perylene	10.0	9.76		ug/L		98	49 - 120	0	35
Indeno[1,2,3-cd]pyrene	10.0	9.62		ug/L		96	48 - 120	1	35
Fluoranthene	10.0	9.39		ug/L		94	46 - 120	4	35
Pyrene	10.0	9.91		ug/L		99	50 - 120	8	35
Dibenz(a,h)anthracene	10.0	9.21		ug/L		92	48 - 101	1	35

Surrogate	LCSD	LCSD	Limits
	% Recovery	Qualifier	
2-Fluorobiphenyl	61		29 - 120
Terphenyl-d14	97		45 - 120

## Method: 8015B - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

**Lab Sample ID: MB 720-86402/1-A**

**Matrix: Solid**

**Analysis Batch: 86372**

**Client Sample ID: MB 720-86402/1-A**

**Prep Type: Total/NA**

**Prep Batch: 86402**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Diesel Range Organics [C10-C28]	ND		0.99		mg/Kg		02/17/11 11:35	02/18/11 00:17	1
Motor Oil Range Organics [C24-C36]	ND		49		mg/Kg		02/17/11 11:35	02/18/11 00:17	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	% Recovery	Qualifier				
p-Terphenyl	106		31 - 114	02/17/11 11:35	02/18/11 00:17	1

**Lab Sample ID: LCS 720-86402/2-A**

**Matrix: Solid**

**Analysis Batch: 86546**

**Client Sample ID: LCS 720-86402/2-A**

**Prep Type: Total/NA**

**Prep Batch: 86402**

Analyte	Spike Added	LCS	LCS	Unit	D	% Rec	% Rec.	
		Result	Qualifier				Limits	RPD
Diesel Range Organics [C10-C28]	82.3	55.4		mg/Kg		67	59 - 134	

Surrogate	LCS	LCS	Limits
	% Recovery	Qualifier	
p-Terphenyl	67		31 - 114

# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33381-1

## Method: 8015B - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics) (Continued)

**Lab Sample ID: LCSD 720-86402/3-A**  
**Matrix: Solid**  
**Analysis Batch: 86546**

**Client Sample ID: LCSD 720-86402/3-A**  
**Prep Type: Total/NA**  
**Prep Batch: 86402**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	82.4	64.5		mg/Kg		78	59 - 134	15	35
<b>Surrogate</b>		<b>LCSD % Recovery</b>	<b>LCSD Qualifier</b>						<b>Limits</b>
p-Terphenyl		75							31 - 114

**Lab Sample ID: MB 720-86410/1-A**  
**Matrix: Water**  
**Analysis Batch: 86531**

**Client Sample ID: MB 720-86410/1-A**  
**Prep Type: Total/NA**  
**Prep Batch: 86410**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		50		ug/L		02/17/11 13:42	02/19/11 14:06	1
Motor Oil Range Organics [C24-C36]	ND		99		ug/L		02/17/11 13:42	02/19/11 14:06	1
<b>Surrogate</b>		<b>MB % Recovery</b>	<b>MB Qualifier</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
p-Terphenyl		112					02/17/11 13:42	02/19/11 14:06	1

**Lab Sample ID: LCS 720-86410/2-A**  
**Matrix: Water**  
**Analysis Batch: 86531**

**Client Sample ID: LCS 720-86410/2-A**  
**Prep Type: Total/NA**  
**Prep Batch: 86410**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Diesel Range Organics [C10-C28]	2500	2100		ug/L		84	40 - 150
<b>Surrogate</b>		<b>LCS % Recovery</b>	<b>LCS Qualifier</b>				<b>Limits</b>
p-Terphenyl		118					23 - 156

**Lab Sample ID: LCSD 720-86410/3-A**  
**Matrix: Water**  
**Analysis Batch: 86531**

**Client Sample ID: LCSD 720-86410/3-A**  
**Prep Type: Total/NA**  
**Prep Batch: 86410**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	2500	2240		ug/L		89	40 - 150	6	35
<b>Surrogate</b>		<b>LCSD % Recovery</b>	<b>LCSD Qualifier</b>						<b>Limits</b>
p-Terphenyl		127							23 - 156

## Method: 6010B - Metals (ICP)

**Lab Sample ID: MB 720-86498/1-A**  
**Matrix: Water**  
**Analysis Batch: 86573**

**Client Sample ID: MB 720-86498/1-A**  
**Prep Type: Total/NA**  
**Prep Batch: 86498**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.010		mg/L		02/18/11 14:20	02/22/11 09:59	1
Arsenic	ND		0.010		mg/L		02/18/11 14:20	02/22/11 09:59	1

# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33381-1

## Method: 6010B - Metals (ICP) (Continued)

**Lab Sample ID: MB 720-86498/1-A**  
**Matrix: Water**  
**Analysis Batch: 86573**

**Client Sample ID: MB 720-86498/1-A**  
**Prep Type: Total/NA**  
**Prep Batch: 86498**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	ND		0.0050		mg/L		02/18/11 14:20	02/22/11 09:59	1
Beryllium	ND		0.0020		mg/L		02/18/11 14:20	02/22/11 09:59	1
Cadmium	ND		0.0025		mg/L		02/18/11 14:20	02/22/11 09:59	1
Chromium	ND		0.010		mg/L		02/18/11 14:20	02/22/11 09:59	1
Cobalt	ND		0.0020		mg/L		02/18/11 14:20	02/22/11 09:59	1
Copper	ND		0.020		mg/L		02/18/11 14:20	02/22/11 09:59	1
Lead	ND		0.0050		mg/L		02/18/11 14:20	02/22/11 09:59	1
Molybdenum	ND		0.010		mg/L		02/18/11 14:20	02/22/11 09:59	1
Nickel	ND		0.010		mg/L		02/18/11 14:20	02/22/11 09:59	1
Selenium	ND		0.020		mg/L		02/18/11 14:20	02/22/11 09:59	1
Silver	ND		0.0050		mg/L		02/18/11 14:20	02/22/11 09:59	1
Thallium	ND		0.010		mg/L		02/18/11 14:20	02/22/11 09:59	1
Vanadium	ND		0.010		mg/L		02/18/11 14:20	02/22/11 09:59	1
Zinc	ND		0.020		mg/L		02/18/11 14:20	02/22/11 09:59	1

**Lab Sample ID: LCS 720-86498/2-A**  
**Matrix: Water**  
**Analysis Batch: 86573**

**Client Sample ID: LCS 720-86498/2-A**  
**Prep Type: Total/NA**  
**Prep Batch: 86498**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Antimony	1.00	0.920		mg/L		92	80 - 120
Arsenic	1.00	0.849		mg/L		85	80 - 120
Barium	1.00	0.983		mg/L		98	80 - 120
Beryllium	1.00	1.01		mg/L		101	80 - 120
Cadmium	1.00	0.901		mg/L		90	80 - 120
Chromium	1.00	0.987		mg/L		99	80 - 120
Cobalt	1.00	0.927		mg/L		93	80 - 120
Copper	1.00	1.00		mg/L		100	80 - 120
Lead	1.00	0.959		mg/L		96	80 - 120
Molybdenum	1.00	0.974		mg/L		97	80 - 120
Nickel	1.00	0.948		mg/L		95	80 - 120
Selenium	1.00	0.917		mg/L		92	80 - 120
Silver	0.500	0.494		mg/L		99	80 - 120
Thallium	1.00	0.966		mg/L		97	80 - 120
Vanadium	1.00	0.968		mg/L		97	80 - 120
Zinc	1.00	0.908		mg/L		91	80 - 120

**Lab Sample ID: LCSD 720-86498/3-A**  
**Matrix: Water**  
**Analysis Batch: 86573**

**Client Sample ID: LCSD 720-86498/3-A**  
**Prep Type: Total/NA**  
**Prep Batch: 86498**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Antimony	1.00	0.944		mg/L		94	80 - 120	3	20
Arsenic	1.00	0.868		mg/L		87	80 - 120	2	20
Barium	1.00	0.990		mg/L		99	80 - 120	1	20
Beryllium	1.00	1.02		mg/L		102	80 - 120	1	20
Cadmium	1.00	0.923		mg/L		92	80 - 120	2	20
Chromium	1.00	0.999		mg/L		100	80 - 120	1	20
Cobalt	1.00	0.948		mg/L		95	80 - 120	2	20
Copper	1.00	1.01		mg/L		101	80 - 120	1	20

# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33381-1

## Method: 6010B - Metals (ICP) (Continued)

**Lab Sample ID: LCSD 720-86498/3-A**  
**Matrix: Water**  
**Analysis Batch: 86573**

**Client Sample ID: LCSD 720-86498/3-A**  
**Prep Type: Total/NA**  
**Prep Batch: 86498**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec.		RPD	Limit
							Limits	RPD		
Lead	1.00	0.982		mg/L		98	80 - 120	2	20	
Molybdenum	1.00	0.999		mg/L		100	80 - 120	3	20	
Nickel	1.00	0.969		mg/L		97	80 - 120	2	20	
Selenium	1.00	0.937		mg/L		94	80 - 120	2	20	
Silver	0.500	0.499		mg/L		100	80 - 120	1	20	
Thallium	1.00	0.985		mg/L		98	80 - 120	2	20	
Vanadium	1.00	0.979		mg/L		98	80 - 120	1	20	
Zinc	1.00	0.929		mg/L		93	80 - 120	2	20	

**Lab Sample ID: MB 720-86614/1-A**  
**Matrix: Solid**  
**Analysis Batch: 86683**

**Client Sample ID: MB 720-86614/1-A**  
**Prep Type: Total/NA**  
**Prep Batch: 86614**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.0		mg/Kg		02/22/11 16:31	02/23/11 11:27	1
Barium	ND		0.50		mg/Kg		02/22/11 16:31	02/23/11 11:27	1
Beryllium	ND		0.10		mg/Kg		02/22/11 16:31	02/23/11 11:27	1
Cadmium	ND		0.12		mg/Kg		02/22/11 16:31	02/23/11 11:27	1
Chromium	ND		0.50		mg/Kg		02/22/11 16:31	02/23/11 11:27	1
Cobalt	ND		0.20		mg/Kg		02/22/11 16:31	02/23/11 11:27	1
Copper	ND		1.5		mg/Kg		02/22/11 16:31	02/23/11 11:27	1
Lead	ND		0.50		mg/Kg		02/22/11 16:31	02/23/11 11:27	1
Molybdenum	ND		0.50		mg/Kg		02/22/11 16:31	02/23/11 11:27	1
Nickel	ND		0.50		mg/Kg		02/22/11 16:31	02/23/11 11:27	1
Selenium	ND		1.0		mg/Kg		02/22/11 16:31	02/23/11 11:27	1
Silver	ND		0.25		mg/Kg		02/22/11 16:31	02/23/11 11:27	1
Thallium	ND		0.50		mg/Kg		02/22/11 16:31	02/23/11 11:27	1
Vanadium	ND		0.50		mg/Kg		02/22/11 16:31	02/23/11 11:27	1
Zinc	ND		1.5		mg/Kg		02/22/11 16:31	02/23/11 11:27	1

**Lab Sample ID: LCS 720-86614/2-A**  
**Matrix: Solid**  
**Analysis Batch: 86683**

**Client Sample ID: LCS 720-86614/2-A**  
**Prep Type: Total/NA**  
**Prep Batch: 86614**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec.	
							Limits	RPD
Antimony	50.0	46.9		mg/Kg		94	80 - 120	
Arsenic	50.0	45.4		mg/Kg		91	80 - 120	
Barium	50.0	47.3		mg/Kg		95	80 - 120	
Beryllium	50.0	48.5		mg/Kg		97	80 - 120	
Cadmium	50.0	47.4		mg/Kg		95	80 - 120	
Chromium	50.0	47.4		mg/Kg		95	80 - 120	
Cobalt	50.0	48.8		mg/Kg		98	80 - 120	
Copper	50.0	50.3		mg/Kg		101	80 - 120	
Lead	50.0	50.0		mg/Kg		100	80 - 120	
Molybdenum	50.0	51.3		mg/Kg		103	80 - 120	
Nickel	50.0	50.1		mg/Kg		100	80 - 120	
Selenium	50.0	48.2		mg/Kg		96	80 - 120	
Silver	25.0	24.2		mg/Kg		97	80 - 120	
Thallium	50.0	50.3		mg/Kg		101	80 - 120	



# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33381-1

## Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 720-86614/2-A

Matrix: Solid

Analysis Batch: 86683

Client Sample ID: LCS 720-86614/2-A

Prep Type: Total/NA

Prep Batch: 86614

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Vanadium	50.0	49.3		mg/Kg		99	80 - 120
Zinc	50.0	48.2		mg/Kg		96	80 - 120

Lab Sample ID: LCSD 720-86614/3-A

Matrix: Solid

Analysis Batch: 86683

Client Sample ID: LCSD 720-86614/3-A

Prep Type: Total/NA

Prep Batch: 86614

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Antimony	50.0	47.3		mg/Kg		95	80 - 120	1	20
Arsenic	50.0	45.6		mg/Kg		91	80 - 120	0	20
Barium	50.0	47.9		mg/Kg		96	80 - 120	1	20
Beryllium	50.0	49.2		mg/Kg		98	80 - 120	1	20
Cadmium	50.0	47.5		mg/Kg		95	80 - 120	0	20
Chromium	50.0	47.7		mg/Kg		95	80 - 120	1	20
Cobalt	50.0	48.9		mg/Kg		98	80 - 120	0	20
Copper	50.0	50.7		mg/Kg		101	80 - 120	1	20
Lead	50.0	50.1		mg/Kg		100	80 - 120	0	20
Molybdenum	50.0	51.8		mg/Kg		104	80 - 120	1	20
Nickel	50.0	50.4		mg/Kg		101	80 - 120	1	20
Selenium	50.0	48.3		mg/Kg		97	80 - 120	0	20
Silver	25.0	24.4		mg/Kg		98	80 - 120	1	20
Thallium	50.0	50.5		mg/Kg		101	80 - 120	0	20
Vanadium	50.0	49.8		mg/Kg		100	80 - 120	1	20
Zinc	50.0	48.3		mg/Kg		97	80 - 120	0	20

Lab Sample ID: LCSSRM 720-86614/25-A

Matrix: Solid

Analysis Batch: 86683

Client Sample ID: LCSSRM 720-86614/25-A

Prep Type: Total/NA

Prep Batch: 86614

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	% Rec	% Rec. Limits
Antimony	105	66.4		mg/Kg		63	11 - 101
Arsenic	79.4	67.3		mg/Kg		85	69 - 119
Barium	391	332		mg/Kg		85	61 - 117
Beryllium	304	273		mg/Kg		90	56 - 102
Cadmium	48.3	41.3		mg/Kg		85	67 - 118
Chromium	171	149		mg/Kg		87	67 - 121
Cobalt	59.2	52.3		mg/Kg		88	64 - 133
Copper	327	296		mg/Kg		91	68 - 126
Lead	181	155		mg/Kg		86	62 - 113
Molybdenum	156	149		mg/Kg		96	62 - 128
Nickel	76.0	65.9		mg/Kg		87	65 - 117
Selenium	76.9	65.1		mg/Kg		85	63 - 126
Silver	29.1	26.8		mg/Kg		92	51 - 130
Thallium	192	163		mg/Kg		85	64 - 124
Vanadium	213	195		mg/Kg		91	67 - 123
Zinc	256	221		mg/Kg		86	62 - 110

# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33381-1

## Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 720-86429/1-B  
Matrix: Water  
Analysis Batch: 86597

Client Sample ID: MB 720-86429/1-B  
Prep Type: Total/NA  
Prep Batch: 86552

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		02/22/11 08:13	02/22/11 13:10	1

## Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 720-86568/1-A  
Matrix: Solid  
Analysis Batch: 86620

Client Sample ID: MB 720-86568/1-A  
Prep Type: Total/NA  
Prep Batch: 86568

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.010		mg/Kg		02/22/11 10:50	02/22/11 15:34	1

Lab Sample ID: LCS 720-86568/2-A  
Matrix: Solid  
Analysis Batch: 86620

Client Sample ID: LCS 720-86568/2-A  
Prep Type: Total/NA  
Prep Batch: 86568

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Mercury	0.833	0.858		mg/Kg		103	80 - 120

Lab Sample ID: LCSD 720-86568/3-A  
Matrix: Solid  
Analysis Batch: 86620

Client Sample ID: LCSD 720-86568/3-A  
Prep Type: Total/NA  
Prep Batch: 86568

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Mercury	0.833	0.875		mg/Kg		105	80 - 120	2	20

# QC Association Summary

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33381-1

## GC/MS VOA

### Analysis Batch: 86378

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33381-1	SB-4	Total/NA	Solid	8260B	86471
720-33381-3	SB-5	Total/NA	Solid	8260B	86471
720-33381-4	SB-6	Total/NA	Solid	8260B	86471
MB 720-86471/1-A	MB 720-86471/1-A	Total/NA	Solid	8260B	86471
LCS 720-86471/2-A	LCS 720-86471/2-A	Total/NA	Solid	8260B	86471
LCSD 720-86471/3-A	LCSD 720-86471/3-A	Total/NA	Solid	8260B	86471

### Analysis Batch: 86415

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33381-2	SB-4	Total/NA	Water	8260B	
MB 720-86415/4	MB 720-86415/4	Total/NA	Water	8260B	
LCS 720-86415/5	LCS 720-86415/5	Total/NA	Water	8260B	
LCSD 720-86415/6	LCSD 720-86415/6	Total/NA	Water	8260B	

### Prep Batch: 86471

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86471/1-A	MB 720-86471/1-A	Total/NA	Solid	5035	
LCS 720-86471/2-A	LCS 720-86471/2-A	Total/NA	Solid	5035	
LCSD 720-86471/3-A	LCSD 720-86471/3-A	Total/NA	Solid	5035	
720-33381-1	SB-4	Total/NA	Solid	5035	
720-33381-3	SB-5	Total/NA	Solid	5035	
720-33381-4	SB-6	Total/NA	Solid	5035	

## GC/MS Semi VOA

### Prep Batch: 86403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86403/1-A	MB 720-86403/1-A	Total/NA	Solid	3550B	
LCS 720-86403/2-A	LCS 720-86403/2-A	Total/NA	Solid	3550B	
720-33381-1	SB-4	Total/NA	Solid	3550B	
720-33381-1	SB-4	Total/NA	Solid	3550B	
720-33381-3	SB-5	Total/NA	Solid	3550B	
720-33381-4	SB-6	Total/NA	Solid	3550B	
LCSD 720-86403/3-A	LCSD 720-86403/3-A	Total/NA	Solid	3550B	

### Analysis Batch: 86463

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-86403/2-A	LCS 720-86403/2-A	Total/NA	Solid	8270C SIM	86403
LCSD 720-86403/3-A	LCSD 720-86403/3-A	Total/NA	Solid	8270C SIM	86403
MB 720-86403/1-A	MB 720-86403/1-A	Total/NA	Solid	8270C SIM	86403

### Prep Batch: 86506

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86506/1-A	MB 720-86506/1-A	Total/NA	Water	3510C	
LCS 720-86506/2-A	LCS 720-86506/2-A	Total/NA	Water	3510C	
LCSD 720-86506/3-A	LCSD 720-86506/3-A	Total/NA	Water	3510C	
720-33381-2	SB-4	Total/NA	Water	3510C	

### Analysis Batch: 86570

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33381-1	SB-4	Total/NA	Solid	8270C SIM	86403
720-33381-3	SB-5	Total/NA	Solid	8270C SIM	86403

# QC Association Summary

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33381-1

## GC/MS Semi VOA (Continued)

### Analysis Batch: 86570 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-86506/2-A	LCS 720-86506/2-A	Total/NA	Water	8270C SIM	86506
720-33381-4	SB-6	Total/NA	Solid	8270C SIM	86403
LCSD 720-86506/3-A	LCSD 720-86506/3-A	Total/NA	Water	8270C SIM	86506
MB 720-86506/1-A	MB 720-86506/1-A	Total/NA	Water	8270C SIM	86506
720-33381-2	SB-4	Total/NA	Water	8270C SIM	86506

### Analysis Batch: 86671

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33381-1	SB-4	Total/NA	Solid	8270C SIM	86403

## GC Semi VOA

### Analysis Batch: 86372

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86402/1-A	MB 720-86402/1-A	Total/NA	Solid	8015B	86402

### Prep Batch: 86402

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86402/1-A	MB 720-86402/1-A	Total/NA	Solid	3550B	
LCS 720-86402/2-A	LCS 720-86402/2-A	Total/NA	Solid	3550B	
720-33381-1	SB-4	Total/NA	Solid	3550B	
720-33381-3	SB-5	Total/NA	Solid	3550B	
720-33381-4	SB-6	Total/NA	Solid	3550B	
LCSD 720-86402/3-A	LCSD 720-86402/3-A	Total/NA	Solid	3550B	

### Prep Batch: 86410

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86410/1-A	MB 720-86410/1-A	Total/NA	Water	3510C	
LCS 720-86410/2-A	LCS 720-86410/2-A	Total/NA	Water	3510C	
LCSD 720-86410/3-A	LCSD 720-86410/3-A	Total/NA	Water	3510C	
720-33381-2	SB-4	Total/NA	Water	3510C	

### Analysis Batch: 86457

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33381-3	SB-5	Total/NA	Solid	8015B	86402
720-33381-2	SB-4	Total/NA	Water	8015B	86410

### Analysis Batch: 86531

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33381-1	SB-4	Total/NA	Solid	8015B	86402
LCS 720-86410/2-A	LCS 720-86410/2-A	Total/NA	Water	8015B	86410
LCSD 720-86410/3-A	LCSD 720-86410/3-A	Total/NA	Water	8015B	86410
MB 720-86410/1-A	MB 720-86410/1-A	Total/NA	Water	8015B	86410
720-33381-4	SB-6	Total/NA	Solid	8015B	86402

### Analysis Batch: 86546

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-86402/2-A	LCS 720-86402/2-A	Total/NA	Solid	8015B	86402
LCSD 720-86402/3-A	LCSD 720-86402/3-A	Total/NA	Solid	8015B	86402

# QC Association Summary

Client: ACC Environmental Consultants  
 Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33381-1

## Metals

### Prep Batch: 86498

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86498/1-A	MB 720-86498/1-A	Total/NA	Water	3010A	
720-33381-2	SB-4	Total/NA	Water	3010A	
LCS 720-86498/2-A	LCS 720-86498/2-A	Total/NA	Water	3010A	
LCSD 720-86498/3-A	LCSD 720-86498/3-A	Total/NA	Water	3010A	

### Prep Batch: 86552

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86429/1-B	MB 720-86429/1-B	Total/NA	Water	7470A	
720-33381-2	SB-4	Total/NA	Water	7470A	

### Prep Batch: 86568

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86568/1-A	MB 720-86568/1-A	Total/NA	Solid	7471A	
720-33381-1	SB-4	Total/NA	Solid	7471A	
720-33381-3	SB-5	Total/NA	Solid	7471A	
LCS 720-86568/2-A	LCS 720-86568/2-A	Total/NA	Solid	7471A	
720-33381-4	SB-6	Total/NA	Solid	7471A	
LCSD 720-86568/3-A	LCSD 720-86568/3-A	Total/NA	Solid	7471A	

### Analysis Batch: 86573

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86498/1-A	MB 720-86498/1-A	Total/NA	Water	6010B	86498
720-33381-2	SB-4	Total/NA	Water	6010B	86498
LCS 720-86498/2-A	LCS 720-86498/2-A	Total/NA	Water	6010B	86498
LCSD 720-86498/3-A	LCSD 720-86498/3-A	Total/NA	Water	6010B	86498

### Analysis Batch: 86597

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33381-2	SB-4	Total/NA	Water	7470A	86552
MB 720-86429/1-B	MB 720-86429/1-B	Total/NA	Water	7470A	86552

### Prep Batch: 86614

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86614/1-A	MB 720-86614/1-A	Total/NA	Solid	3050B	
LCS 720-86614/2-A	LCS 720-86614/2-A	Total/NA	Solid	3050B	
LCSSRM 720-86614/25-A	LCSSRM 720-86614/25-A	Total/NA	Solid	3050B	
LCSD 720-86614/3-A	LCSD 720-86614/3-A	Total/NA	Solid	3050B	
720-33381-1	SB-4	Total/NA	Solid	3050B	
720-33381-3	SB-5	Total/NA	Solid	3050B	
720-33381-4	SB-6	Total/NA	Solid	3050B	

### Analysis Batch: 86620

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33381-1	SB-4	Total/NA	Solid	7471A	86568
720-33381-3	SB-5	Total/NA	Solid	7471A	86568
720-33381-4	SB-6	Total/NA	Solid	7471A	86568
MB 720-86568/1-A	MB 720-86568/1-A	Total/NA	Solid	7471A	86568
LCS 720-86568/2-A	LCS 720-86568/2-A	Total/NA	Solid	7471A	86568
LCSD 720-86568/3-A	LCSD 720-86568/3-A	Total/NA	Solid	7471A	86568

# QC Association Summary

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33381-1

## Metals (Continued)

### Analysis Batch: 86683

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86614/1-A	MB 720-86614/1-A	Total/NA	Solid	6010B	86614
LCS 720-86614/2-A	LCS 720-86614/2-A	Total/NA	Solid	6010B	86614
LCSSRM 720-86614/25-A	LCSSRM 720-86614/25-A	Total/NA	Solid	6010B	86614
LCSD 720-86614/3-A	LCSD 720-86614/3-A	Total/NA	Solid	6010B	86614
720-33381-1	SB-4	Total/NA	Solid	6010B	86614
720-33381-3	SB-5	Total/NA	Solid	6010B	86614
720-33381-4	SB-6	Total/NA	Solid	6010B	86614

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# Lab Chronicle

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33381-1

## Client Sample ID: SB-4

Date Collected: 02/15/11 13:30

Date Received: 02/16/11 11:15

## Lab Sample ID: 720-33381-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5035			86471	02/16/11 17:00	YB	TestAmerica San Francisco
Total/NA	Analysis	8260B		1	86378	02/17/11 12:38	YB	TestAmerica San Francisco
Total/NA	Prep	3550B			86403	02/17/11 11:40	AM	TestAmerica San Francisco
Total/NA	Analysis	8270C SIM		1	86570	02/22/11 17:37	ML	TestAmerica San Francisco
Total/NA	Analysis	8270C SIM		2	86671	02/23/11 13:00	ML	TestAmerica San Francisco
Total/NA	Prep	3550B			86402	02/17/11 14:39	AM	TestAmerica San Francisco
Total/NA	Analysis	8015B		1	86531	02/19/11 12:56	DH	TestAmerica San Francisco
Total/NA	Prep	7471A			86568	02/22/11 10:50	JR	TestAmerica San Francisco
Total/NA	Analysis	7471A		1	86620	02/22/11 16:32	ET	TestAmerica San Francisco
Total/NA	Prep	3050B			86614	02/22/11 16:31	sk	TestAmerica San Francisco
Total/NA	Analysis	6010B		4	86683	02/23/11 11:39	EFH	TestAmerica San Francisco

## Client Sample ID: SB-4

Date Collected: 02/15/11 13:30

Date Received: 02/16/11 11:15

## Lab Sample ID: 720-33381-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	86415	02/17/11 22:17	AC	TestAmerica San Francisco
Total/NA	Prep	3510C			86506	02/18/11 15:10	NP	TestAmerica San Francisco
Total/NA	Analysis	8270C SIM		1	86570	02/22/11 13:52	ML	TestAmerica San Francisco
Total/NA	Prep	3510C			86410	02/17/11 13:42	NP	TestAmerica San Francisco
Total/NA	Analysis	8015B		1	86457	02/18/11 14:24	DH	TestAmerica San Francisco
Total/NA	Prep	3010A			86498	02/18/11 14:20	sk	TestAmerica San Francisco
Total/NA	Analysis	6010B		1	86573	02/22/11 11:02	EFH	TestAmerica San Francisco
Total/NA	Prep	7470A			86552	02/22/11 08:13	ET	TestAmerica San Francisco
Total/NA	Analysis	7470A		1	86597	02/22/11 12:57	EFH	TestAmerica San Francisco

## Client Sample ID: SB-5

Date Collected: 02/15/11 14:00

Date Received: 02/16/11 11:15

## Lab Sample ID: 720-33381-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5035			86471	02/16/11 17:00	YB	TestAmerica San Francisco
Total/NA	Analysis	8260B		1	86378	02/17/11 13:07	YB	TestAmerica San Francisco
Total/NA	Prep	3550B			86403	02/17/11 11:40	AM	TestAmerica San Francisco
Total/NA	Analysis	8270C SIM		1	86570	02/22/11 18:00	ML	TestAmerica San Francisco
Total/NA	Prep	3550B			86402	02/17/11 14:39	AM	TestAmerica San Francisco
Total/NA	Analysis	8015B		3	86457	02/18/11 16:45	DH	TestAmerica San Francisco
Total/NA	Prep	7471A			86568	02/22/11 10:50	JR	TestAmerica San Francisco
Total/NA	Analysis	7471A		1	86620	02/22/11 16:34	ET	TestAmerica San Francisco
Total/NA	Prep	3050B			86614	02/22/11 16:31	sk	TestAmerica San Francisco
Total/NA	Analysis	6010B		4	86683	02/23/11 11:43	EFH	TestAmerica San Francisco

# Lab Chronicle

Client: ACC Environmental Consultants  
 Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33381-1

**Client Sample ID: SB-6**

**Lab Sample ID: 720-33381-4**

**Date Collected: 02/15/11 15:30**

**Matrix: Solid**

**Date Received: 02/16/11 11:15**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5035			86471	02/16/11 17:00	YB	TestAmerica San Francisco
Total/NA	Analysis	8260B		1	86378	02/17/11 13:35	YB	TestAmerica San Francisco
Total/NA	Prep	3550B			86403	02/17/11 11:40	AM	TestAmerica San Francisco
Total/NA	Analysis	8270C SIM		10	86570	02/22/11 20:19	ML	TestAmerica San Francisco
Total/NA	Prep	3550B			86402	02/17/11 14:39	AM	TestAmerica San Francisco
Total/NA	Analysis	8015B		50	86531	02/19/11 14:29	DH	TestAmerica San Francisco
Total/NA	Prep	7471A			86568	02/22/11 10:50	JR	TestAmerica San Francisco
Total/NA	Analysis	7471A		1	86620	02/22/11 16:37	ET	TestAmerica San Francisco
Total/NA	Prep	3050B			86614	02/22/11 16:31	sk	TestAmerica San Francisco
Total/NA	Analysis	6010B		4	86683	02/23/11 11:47	EFH	TestAmerica San Francisco

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# Certification Summary

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33381-1

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Laboratory	Authority	Program	EPA Region	Certification ID	* Expiration Date
TestAmerica San Francisco	California	State Program	9	2496	01/31/12

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Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

\* Any expired certifications in this list are currently pending renewal and are considered valid.

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# Method Summary

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33381-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL SF
8270C SIM	PAHs by GCMS (SIM)	SW846	TAL SF
8015B	Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	SW846	TAL SF
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL SF
6010B	Metals (ICP)	SW846	TAL SF
7470A	Mercury (CVAA)	SW846	TAL SF
7471A	Mercury (CVAA)	SW846	TAL SF

**Protocol References:**

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

TAL SF = TestAmerica San Francisco, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919



# Sample Summary

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33381-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-33381-1	SB-4	Solid	02/15/11 13:30	02/16/11 11:15
720-33381-2	SB-4	Water	02/15/11 13:30	02/16/11 11:15
720-33381-3	SB-5	Solid	02/15/11 14:00	02/16/11 11:15
720-33381-4	SB-6	Solid	02/15/11 15:30	02/16/11 11:15

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# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TESTAMERICA San Francisco Chain of Custody

1220 Quarry Lane • Pleasanton CA 94566-4756

Phone: (925) 484-1619 Fax: (925) 600-3002

**720-33381**

Reference #: 129694

Date 2/15/11 Page 1 of 1

Report To

Analysis Request

Attn: Jule Sindylea  
Company: ACC

Address: 1977 Campbell Dr Oak CA  
Phone: 5107730788 Email: JSindylea@accenv.com

Bill To: ACC Sampled By: JS/65  
Attn: Julia Phone: 510773-0788

Sample ID	Date	Time	Mat	Preserv
SB-4	2/15/11	13:30	S	ICE
SB-4	2/15/11	13:30	W	MULTI
SB-5	2/15/11	14:00	S	ICE
SB-6	2/16/11	15:30	S	ICE

Project Name:	# of Containers:
1708 Wood	
6470-034.01	

Head Space:  
Temp: 4.7° / 5.1°  
Conforms to record:

Report:  Routine  Level 3  Level 4  EDD  State Tank  
Fund EDF:  Global ID  
Special Instructions / Comments: Please Run VOCs From ENCORE for SOIL SAMPLES

TPH EPA - <input type="checkbox"/> 8260B <input type="checkbox"/> Gas w/ <input type="checkbox"/> BTEX <input type="checkbox"/> MTBE	TEPH EPA 8015M* <input type="checkbox"/> Silica Gel <input checked="" type="checkbox"/> Diesel <input checked="" type="checkbox"/> Motor Oil <input type="checkbox"/> Other	EPA 8260B: <input type="checkbox"/> Gas <input type="checkbox"/> BTEX <input type="checkbox"/> 5 Oxygenates <input type="checkbox"/> DCA, EDB <input type="checkbox"/> Ethanol (HVOCS) EPA 8021 by 8260B	Volatile Organics GC/MS (VOCs) <input checked="" type="checkbox"/> EPA 8260B <input type="checkbox"/> 624	Semivolatiles GC/MS <input type="checkbox"/> EPA 8270 <input type="checkbox"/> 625	Oil and Grease <input type="checkbox"/> Petroleum (EPA 1664) <input type="checkbox"/> Total	Pesticides <input type="checkbox"/> EPA 8081 <input type="checkbox"/> 608 PCBs <input type="checkbox"/> EPA 8082 <input type="checkbox"/> 608	PNAs by <input checked="" type="checkbox"/> 8270 <input type="checkbox"/> 8310	CAM17 Metals (EPA 6010/7470/7471)	Metals: <input type="checkbox"/> Lead <input type="checkbox"/> LUFT <input type="checkbox"/> RCRA <input type="checkbox"/> Other:	Low Level Metals by EPA 200.8/6020 (ICP-MS):	<input type="checkbox"/> W.E.T (STLC) <input type="checkbox"/> TCLP	<input type="checkbox"/> Hexavalent Chromium <input type="checkbox"/> pH (24h hold time for H <sub>2</sub> O)	<input type="checkbox"/> Spec. Cond. <input type="checkbox"/> Alkalinity <input type="checkbox"/> TSS <input type="checkbox"/> TDS	Anions: <input type="checkbox"/> Cl <input type="checkbox"/> SO <sub>4</sub> <input type="checkbox"/> NO <sub>3</sub> <input type="checkbox"/> F <input type="checkbox"/> Br <input type="checkbox"/> NO <sub>2</sub> <input type="checkbox"/> PO <sub>4</sub>	Number of Containers
---	--	--	--	---	---	--	--	-----------------------------------	--	--	--	--	---	---	----------------------

Relinquished by:	Signature	Time	Date	Company
1) Relinquished by:	<u>Jule Sindylea</u>	<u>16:50</u>	<u>2-15-11</u>	<u>ACC</u>
2) Relinquished by:	<u>David Tucker</u>	<u>09:45</u>	<u>2/16/11</u>	<u>ACC</u>
3) Relinquished by:	<u>David Nofre</u>	<u>11:5</u>	<u>02/16/11</u>	<u>TBSC</u>
Received by:	<u>David Tucker</u>	<u>16:50</u>	<u>2/15/11</u>	<u>ACC</u>
Received by:	<u>David Nofre</u>	<u>09:45</u>	<u>02/16/11</u>	<u>TBSC</u>
Received by:	<u>David Muller</u>	<u>11:5</u>	<u>2-16-11</u>	<u>of America</u>

## Login Sample Receipt Check List

Client: ACC Environmental Consultants

Job Number: 720-33381-1

**Login Number: 33381**  
**Creator: Mullen, Joan**  
**List Number: 1**

**List Source: TestAmerica San Francisco**

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	



# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

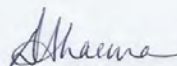
## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.  
TestAmerica San Francisco  
1220 Quarry Lane  
Pleasanton, CA 94566  
Tel: (925)484-1919

TestAmerica Job ID: 720-33442-1  
Client Project/Site: 1708 Wood PSAI

For:  
ACC Environmental Consultants  
7977 Capwell Drive  
Suite 100  
Oakland, California 94621

Attn: Environmental Scientist Julia Siudyla



Authorized for release by:  
2/24/2011 3:45 PM

Dimple Sharma  
Project Manager I  
[dimple.sharma@testamericainc.com](mailto:dimple.sharma@testamericainc.com)

### LINKS

Review your project  
results through  
**TotalAccess**

Have a Question?



Visit us at:  
[www.testamericainc.com](http://www.testamericainc.com)

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

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# Qualifier Definition/Glossary

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33442-1

## Qualifiers

### GC/MS Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits
*	RPD of the LCS and LCSD exceeds the control limits
X	Surrogate is outside control limits

### GC Semi VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits

## Glossary

Glossary	Glossary Description
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis.

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# Case Narrative

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33442-1

**Job ID: 720-33442-1**

**Laboratory: TestAmerica San Francisco**

## Narrative

**Job Narrative**  
**720-33442-1**

### Comments

No additional comments.

### Receipt

Received 1/2 full amber for oil & grease.

All other samples were received in good condition within temperature requirements.

### GC/MS Semi VOA

Method 8270C SIM: The following sample was diluted due to the abundance of non-target analytes: SB-3 (720-33442-1). Elevated reporting limits (RLs) are provided.

Method 8270C SIM: The laboratory control sample (LCSD) for batch #86488 recovered outside acceptance limits . There was insufficient sample to perform a re-extraction or re-analysis; therefore, the data have been reported.

No other analytical or quality issues were noted.

### GC Semi VOA

Method 8015B: Surrogate recovery for the following sample was outside of acceptance limits: SB-3 (720-33442-1). There was insufficient sample to perform a re-extraction; therefore, the data have been reported.

No other analytical or quality issues were noted.

### General Chemistry

No analytical or quality issues were noted.

### Organic Prep

No analytical or quality issues were noted.

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# Detection Summary

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33442-1

**Client Sample ID: SB-3**

**Lab Sample ID: 720-33442-1**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	690		62		ug/L	1		8015B	Total/NA
Motor Oil Range Organics [C24-C36]	2400		120		ug/L	1		8015B	Total/NA

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# Analytical Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33442-1

**Client Sample ID: SB-3**

**Lab Sample ID: 720-33442-1**

**Date Collected: 02/16/11 16:00**

**Matrix: Water**

**Date Received: 02/17/11 17:10**

**Method: 8270C SIM - PAHs by GCMS (SIM)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND	*	3.0		ug/L		02/18/11 13:44	02/22/11 20:42	10
Acenaphthene	ND	*	3.0		ug/L		02/18/11 13:44	02/22/11 20:42	10
Acenaphthylene	ND	*	3.0		ug/L		02/18/11 13:44	02/22/11 20:42	10
Fluorene	ND	*	3.0		ug/L		02/18/11 13:44	02/22/11 20:42	10
Phenanthrene	ND	*	3.0		ug/L		02/18/11 13:44	02/22/11 20:42	10
Anthracene	ND		3.0		ug/L		02/18/11 13:44	02/22/11 20:42	10
Benzo[a]anthracene	ND		3.0		ug/L		02/18/11 13:44	02/22/11 20:42	10
Chrysene	ND		3.0		ug/L		02/18/11 13:44	02/22/11 20:42	10
Benzo[a]pyrene	ND		3.0		ug/L		02/18/11 13:44	02/22/11 20:42	10
Benzo[b]fluoranthene	ND		3.0		ug/L		02/18/11 13:44	02/22/11 20:42	10
Benzo[k]fluoranthene	ND		3.0		ug/L		02/18/11 13:44	02/22/11 20:42	10
Benzo[g,h,i]perylene	ND		3.0		ug/L		02/18/11 13:44	02/22/11 20:42	10
Indeno[1,2,3-cd]pyrene	ND		3.0		ug/L		02/18/11 13:44	02/22/11 20:42	10
Fluoranthene	ND		3.0		ug/L		02/18/11 13:44	02/22/11 20:42	10
Pyrene	ND		3.0		ug/L		02/18/11 13:44	02/22/11 20:42	10
Dibenz(a,h)anthracene	ND		3.0		ug/L		02/18/11 13:44	02/22/11 20:42	10

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	56		29 - 120	02/18/11 13:44	02/22/11 20:42	10
Terphenyl-d14	55		45 - 120	02/18/11 13:44	02/22/11 20:42	10

**Method: 8015B - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	690		62		ug/L		02/18/11 13:25	02/19/11 16:26	1
Motor Oil Range Organics [C24-C36]	2400		120		ug/L		02/18/11 13:25	02/19/11 16:26	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	2	X	23 - 156	02/18/11 13:25	02/19/11 16:26	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	ND		28		mg/L		02/23/11 11:26	02/23/11 15:31	1

# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33442-1

## Method: 8270C SIM - PAHs by GCMS (SIM)

**Lab Sample ID: MB 720-86488/1-A**

**Matrix: Water**

**Analysis Batch: 86570**

**Client Sample ID: MB 720-86488/1-A**

**Prep Type: Total/NA**

**Prep Batch: 86488**

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Naphthalene	ND		0.10		ug/L		02/18/11 13:44	02/22/11 13:05	1
Acenaphthene	ND		0.10		ug/L		02/18/11 13:44	02/22/11 13:05	1
Acenaphthylene	ND		0.10		ug/L		02/18/11 13:44	02/22/11 13:05	1
Fluorene	ND		0.10		ug/L		02/18/11 13:44	02/22/11 13:05	1
Phenanthrene	ND		0.10		ug/L		02/18/11 13:44	02/22/11 13:05	1
Anthracene	ND		0.10		ug/L		02/18/11 13:44	02/22/11 13:05	1
Benzo[a]anthracene	ND		0.10		ug/L		02/18/11 13:44	02/22/11 13:05	1
Chrysene	ND		0.10		ug/L		02/18/11 13:44	02/22/11 13:05	1
Benzo[a]pyrene	ND		0.10		ug/L		02/18/11 13:44	02/22/11 13:05	1
Benzo[b]fluoranthene	ND		0.10		ug/L		02/18/11 13:44	02/22/11 13:05	1
Benzo[k]fluoranthene	ND		0.10		ug/L		02/18/11 13:44	02/22/11 13:05	1
Benzo[g,h,i]perylene	ND		0.10		ug/L		02/18/11 13:44	02/22/11 13:05	1
Indeno[1,2,3-cd]pyrene	ND		0.10		ug/L		02/18/11 13:44	02/22/11 13:05	1
Fluoranthene	ND		0.10		ug/L		02/18/11 13:44	02/22/11 13:05	1
Pyrene	ND		0.10		ug/L		02/18/11 13:44	02/22/11 13:05	1
Dibenz(a,h)anthracene	ND		0.10		ug/L		02/18/11 13:44	02/22/11 13:05	1
Surrogate	MB MB		Limits				Prepared	Analyzed	Dil Fac
	% Recovery	Qualifier							
2-Fluorobiphenyl	55		29 - 120				02/18/11 13:44	02/22/11 13:05	1
Terphenyl-d14	108		45 - 120				02/18/11 13:44	02/22/11 13:05	1

**Lab Sample ID: LCS 720-86488/2-A**

**Matrix: Water**

**Analysis Batch: 86570**

**Client Sample ID: LCS 720-86488/2-A**

**Prep Type: Total/NA**

**Prep Batch: 86488**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	Limits
Naphthalene	10.0	4.65		ug/L		47	33 - 120
Acenaphthene	10.0	5.06		ug/L		51	37 - 120
Acenaphthylene	10.0	4.97		ug/L		50	36 - 120
Fluorene	10.0	4.93		ug/L		49	39 - 120
Phenanthrene	10.0	5.39		ug/L		54	44 - 120
Anthracene	10.0	7.01		ug/L		70	45 - 120
Benzo[a]anthracene	10.0	8.96		ug/L		90	48 - 120
Chrysene	10.0	9.63		ug/L		96	52 - 120
Benzo[a]pyrene	10.0	10.9		ug/L		109	50 - 120
Benzo[b]fluoranthene	10.0	9.97		ug/L		100	48 - 120
Benzo[k]fluoranthene	10.0	11.0		ug/L		110	50 - 120
Benzo[g,h,i]perylene	10.0	10.4		ug/L		104	49 - 120
Indeno[1,2,3-cd]pyrene	10.0	10.3		ug/L		103	48 - 120
Fluoranthene	10.0	8.49		ug/L		85	46 - 120
Pyrene	10.0	9.10		ug/L		91	50 - 120
Dibenz(a,h)anthracene	10.0	9.86		ug/L		99	48 - 101
Surrogate	LCS LCS		Limits				
	% Recovery	Qualifier					
2-Fluorobiphenyl	46		29 - 120				
Terphenyl-d14	99		45 - 120				

# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33442-1

## Method: 8270C SIM - PAHs by GCMS (SIM) (Continued)

Lab Sample ID: LCSD 720-86488/3-A

Matrix: Water

Analysis Batch: 86570

Client Sample ID: LCSD 720-86488/3-A

Prep Type: Total/NA

Prep Batch: 86488

Analyte	Spike Added	LCSD	LCSD	Unit	D	% Rec	% Rec.		RPD Limit
		Result	Qualifier				Limits	RPD	
Naphthalene	10.0	1.66	*	ug/L		17	33 - 120	95	35
Acenaphthene	10.0	2.52	*	ug/L		25	37 - 120	67	35
Acenaphthylene	10.0	2.36	*	ug/L		24	36 - 120	71	35
Fluorene	10.0	2.94	*	ug/L		29	39 - 120	51	35
Phenanthrene	10.0	4.32	*	ug/L		43	44 - 120	22	35
Anthracene	10.0	6.41		ug/L		64	45 - 120	9	35
Benzo[a]anthracene	10.0	8.76		ug/L		88	48 - 120	2	35
Chrysene	10.0	9.55		ug/L		95	52 - 120	1	35
Benzo[a]pyrene	10.0	10.6		ug/L		106	50 - 120	3	35
Benzo[b]fluoranthene	10.0	9.34		ug/L		93	48 - 120	7	35
Benzo[k]fluoranthene	10.0	11.4		ug/L		114	50 - 120	4	35
Benzo[g,h,i]perylene	10.0	10.0		ug/L		100	49 - 120	4	35
Indeno[1,2,3-cd]pyrene	10.0	9.95		ug/L		100	48 - 120	3	35
Fluoranthene	10.0	8.34		ug/L		83	46 - 120	2	35
Pyrene	10.0	9.30		ug/L		93	50 - 120	2	35
Dibenz(a,h)anthracene	10.0	9.59		ug/L		96	48 - 101	3	35

Surrogate	LCSD		Limits
	% Recovery	Qualifier	
2-Fluorobiphenyl	20	X	29 - 120
Terphenyl-d14	100		45 - 120

## Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 720-86482/1-A

Matrix: Water

Analysis Batch: 86531

Client Sample ID: MB 720-86482/1-A

Prep Type: Total/NA

Prep Batch: 86482

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Diesel Range Organics [C10-C28]	ND		50		ug/L		02/18/11 13:25	02/19/11 17:36	1
Motor Oil Range Organics [C24-C36]	ND		99		ug/L		02/18/11 13:25	02/19/11 17:36	1

Surrogate	MB		Limits	Prepared	Analyzed	Dil Fac
	% Recovery	Qualifier				
p-Terphenyl	74		23 - 156	02/18/11 13:25	02/19/11 17:36	1

Lab Sample ID: LCS 720-86482/2-A

Matrix: Water

Analysis Batch: 86531

Client Sample ID: LCS 720-86482/2-A

Prep Type: Total/NA

Prep Batch: 86482

Analyte	Spike Added	LCS	LCS	Unit	D	% Rec	% Rec.	
		Result	Qualifier				Limits	RPD
Diesel Range Organics [C10-C28]	2500	1580		ug/L		63	40 - 150	

Surrogate	LCS		Limits
	% Recovery	Qualifier	
p-Terphenyl	101		23 - 156

# Quality Control Data

Client: ACC Environmental Consultants  
 Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33442-1

## Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

**Lab Sample ID:** LCSD 720-86482/3-A  
**Matrix:** Water  
**Analysis Batch:** 86531

**Client Sample ID:** LCSD 720-86482/3-A  
**Prep Type:** Total/NA  
**Prep Batch:** 86482

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	2500	1260		ug/L		51	40 - 150	22	35

Surrogate	% Recovery	LCSD Qualifier	LCSD Limits
p-Terphenyl	93		23 - 156

## Method: 1664A - HEM and SGT-HEM

**Lab Sample ID:** MB 500-106076/1-A  
**Matrix:** Water  
**Analysis Batch:** 106077

**Client Sample ID:** MB 500-106076/1-A  
**Prep Type:** Total/NA  
**Prep Batch:** 106076

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	ND		5.0		mg/L		02/23/11 07:35	02/23/11 14:20	1

**Lab Sample ID:** LCS 500-106076/2-A  
**Matrix:** Water  
**Analysis Batch:** 106077

**Client Sample ID:** LCS 500-106076/2-A  
**Prep Type:** Total/NA  
**Prep Batch:** 106076

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
HEM (Oil & Grease)	40.0	36.6		mg/L		92	78 - 114

**Lab Sample ID:** LCSD 500-106076/3-A  
**Matrix:** Water  
**Analysis Batch:** 106077

**Client Sample ID:** LCSD 500-106076/3-A  
**Prep Type:** Total/NA  
**Prep Batch:** 106076

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
HEM (Oil & Grease)	40.0	36.8		mg/L		92	78 - 114	1	18

# QC Association Summary

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33442-1

## GC/MS Semi VOA

### Prep Batch: 86488

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86488/1-A	MB 720-86488/1-A	Total/NA	Water	3510C	
LCS 720-86488/2-A	LCS 720-86488/2-A	Total/NA	Water	3510C	
LCSD 720-86488/3-A	LCSD 720-86488/3-A	Total/NA	Water	3510C	
720-33442-1	SB-3	Total/NA	Water	3510C	

### Analysis Batch: 86570

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33442-1	SB-3	Total/NA	Water	8270C SIM	86488
LCS 720-86488/2-A	LCS 720-86488/2-A	Total/NA	Water	8270C SIM	86488
LCSD 720-86488/3-A	LCSD 720-86488/3-A	Total/NA	Water	8270C SIM	86488
MB 720-86488/1-A	MB 720-86488/1-A	Total/NA	Water	8270C SIM	86488

## GC Semi VOA

### Prep Batch: 86482

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86482/1-A	MB 720-86482/1-A	Total/NA	Water	3510C	
LCS 720-86482/2-A	LCS 720-86482/2-A	Total/NA	Water	3510C	
LCSD 720-86482/3-A	LCSD 720-86482/3-A	Total/NA	Water	3510C	
720-33442-1	SB-3	Total/NA	Water	3510C	

### Analysis Batch: 86531

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33442-1	SB-3	Total/NA	Water	8015B	86482
LCS 720-86482/2-A	LCS 720-86482/2-A	Total/NA	Water	8015B	86482
LCSD 720-86482/3-A	LCSD 720-86482/3-A	Total/NA	Water	8015B	86482
MB 720-86482/1-A	MB 720-86482/1-A	Total/NA	Water	8015B	86482

## General Chemistry

### Prep Batch: 106076

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-106076/1-A	MB 500-106076/1-A	Total/NA	Water	1664A	
720-33442-1	SB-3	Total/NA	Water	1664A	
LCS 500-106076/2-A	LCS 500-106076/2-A	Total/NA	Water	1664A	
LCSD 500-106076/3-A	LCSD 500-106076/3-A	Total/NA	Water	1664A	

### Analysis Batch: 106077

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-106076/1-A	MB 500-106076/1-A	Total/NA	Water	1664A	106076
720-33442-1	SB-3	Total/NA	Water	1664A	106076
LCS 500-106076/2-A	LCS 500-106076/2-A	Total/NA	Water	1664A	106076
LCSD 500-106076/3-A	LCSD 500-106076/3-A	Total/NA	Water	1664A	106076

# Lab Chronicle

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33442-1

**Client Sample ID: SB-3**

**Date Collected: 02/16/11 16:00**

**Date Received: 02/17/11 17:10**

**Lab Sample ID: 720-33442-1**

**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			86488	02/18/11 13:44	NP	TestAmerica San Francisco
Total/NA	Analysis	8270C SIM		10	86570	02/22/11 20:42	ML	TestAmerica San Francisco
Total/NA	Prep	3510C			86482	02/18/11 13:25	AM	TestAmerica San Francisco
Total/NA	Analysis	8015B		1	86531	02/19/11 16:26	DH	TestAmerica San Francisco
Total/NA	Prep	1664A			106076	02/23/11 11:26	MTB	TestAmerica Chicago
Total/NA	Analysis	1664A		1	106077	02/23/11 15:31	MTB	TestAmerica Chicago

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# Certification Summary

Client: ACC Environmental Consultants  
 Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33442-1

Laboratory	Authority	Program	EPA Region	Certification ID	* Expiration Date
TestAmerica San Francisco	California	State Program	9	2496	01/31/12
TestAmerica Chicago		USDA		P330-09-00027	02/03/12
TestAmerica Chicago	ACLASS	DoD ELAP	0	ADE-1429	01/06/12
TestAmerica Chicago	ACLASS	ISO/IEC 17025	0	AT-1428	01/06/12
TestAmerica Chicago	Alabama	State Program	4	40461	04/30/11
TestAmerica Chicago	California	NELAC	9	01132CA	04/30/11
TestAmerica Chicago	Florida	NELAC	4	E871072	06/30/11
TestAmerica Chicago	Georgia	Georgia EPD	4	N/A	04/30/11
TestAmerica Chicago	Georgia	State Program	4	939	04/30/11
TestAmerica Chicago	Hawaii	State Program	9	N/A	04/30/11
TestAmerica Chicago	Illinois	NELAC	5	100201	04/30/11
TestAmerica Chicago	Indiana	State Program	5	C-IL-02	04/30/11
TestAmerica Chicago	Iowa	State Program	7	82	05/01/12
TestAmerica Chicago	Kansas	NELAC	7	E-10161	10/31/11
TestAmerica Chicago	Kentucky	Kentucky UST	4	66	05/13/11
TestAmerica Chicago	Kentucky	State Program	4	90023	12/31/11
TestAmerica Chicago	Louisiana	NELAC	6	30720	06/30/11
TestAmerica Chicago	Massachusetts	State Program	1	M-IL035	06/30/11
TestAmerica Chicago	Mississippi	State Program	4	N/A	04/30/11
TestAmerica Chicago	North Carolina	North Carolina DENR	4	291	12/31/11
TestAmerica Chicago	Oklahoma	State Program	6	8908	08/31/11
TestAmerica Chicago	South Carolina	State Program	4	77001	04/30/11
TestAmerica Chicago	Texas	NELAC	6	T104704252-09-TX	02/28/11
TestAmerica Chicago	Wisconsin	State Program	5	999580010	08/31/11
TestAmerica Chicago	Wyoming	State Program	8	8TMS-Q	04/30/11

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

\* Any expired certifications in this list are currently pending renewal and are considered valid.



# Method Summary

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33442-1

Method	Method Description	Protocol	Laboratory
8270C SIM	PAHs by GCMS (SIM)	SW846	TAL SF
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL SF
1664A	HEM and SGT-HEM	1664A	TAL CHI

**Protocol References:**

1664A = EPA-821-98-002

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

TAL SF = TestAmerica San Francisco, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919



# Sample Summary

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33442-1

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Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-33442-1	SB-3	Water	02/16/11 16:00	02/17/11 17:10

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# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TESTAMERICA San Francisco Chain of Custody

1220 Quarry Lane • Pleasanton CA 94566-4756  
 Phone: (925) 484-1919 Fax: (925) 600-2002

720-339492

Reference #: 129774  
 Date: 2/16/11 Page \_\_\_ of \_\_\_

## Report To

## Analysis Request

Attn: Julia Sindyla

Company: ACC ENV.

Address: 7977 Lippwell Oakland

Phone: (510) 638-3400 Email: jsindyla@accenv.com

Bill To: Sampled By: JS/LS

Attn: Phone: (510) 638-8400 x110

Sample ID: SB-3 Date: 2/16/11 Time: 4P Mat: HCL Preserv: rx

TPH EPA -  8260B  
 Gas w/  BTEX  MTBE

TEPH EPA 8015M\*  Silica Gel  
 Diesel  Motor Oil  Other

EPA 8260B:  Gas  BTEX  
 5 Oxygenates  DCA, EDB  Ethanol

(HVOcs) EPA 8021 by 8260B

Volatile Organics GC/MS (VOCs)  
 EPA 8260B  624

Semivolatiles GC/MS  
 EPA 8270  625

Oil and Grease  Petroleum  
 (EPA 1664)  Total

Pesticides  EPA 8081  608  
 PCBs  EPA 8082  608

PNAs by  8270  8310

CAM17 Metals  
 (EPA 6010/7470/7471)

Metals:  Lead  LUFT  RCRA  
 Other:

Low Level Metals by EPA 200.8/6020  
 (ICP-MS):

W.E.T (STLC)  
 TCLP

Hexavalent Chromium  
 pH (24h hold time for H<sub>2</sub>O)

Spec. Cond.  Alkalinity  
 TSS  TDS

Anions:  Cl  SO<sub>4</sub>  NO<sub>3</sub>  F  
 Br  NO<sub>2</sub>  PO<sub>4</sub>

Number of Containers

## Project Info Sample Receipt

Project Name: 1308 Wood Plaza  
 Project#: 6470-034.01  
 PO#:   
 Credit Card#:   
 # of Containers:   
 Head Space:   
 Temp: 2.1C  
 Conforms to record:   
 Other:   
 Level 3  Level 4  EDD  State Tank

Report:  Routine  Level 3  Level 4  EDD  State Tank  
 Fund EDF  
 Special Instructions / Comments: 10:1 a grease sample is only 1/2 full please do the best you can.  
 Global ID

1) Relinquished by:   
 Signature: Julia Sindyla  
 Printed Name: Julia Sindyla  
 Company: ACC  
 Time: 16:50  
 Date: 2/16/11

2) Relinquished by:   
 Signature:   
 Printed Name:   
 Company:   
 Time: 1330  
 Date: 2-17-11

3) Relinquished by:   
 Signature:   
 Printed Name:   
 Company:   
 Time: 1710  
 Date: 2/17/11

## Login Sample Receipt Check List

Client: ACC Environmental Consultants

Job Number: 720-33442-1

**Login Number: 33442**

**Creator: Hoang, Julie**

**List Number: 1**

**List Source: TestAmerica San Francisco**

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	False	
Sample Preservation Verified	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	



## Login Sample Receipt Check List

Client: ACC Environmental Consultants

Job Number: 720-33442-1

Login Number: 33442

Creator: Lunt, Jeff T

List Number: 1

List Source: TestAmerica Chicago

List Creation: 02/19/11 10:09 AM

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

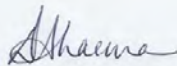
## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.  
TestAmerica San Francisco  
1220 Quarry Lane  
Pleasanton, CA 94566  
Tel: (925)484-1919

TestAmerica Job ID: 720-33450-1  
Client Project/Site: 1708 Wood PSAI

For:  
ACC Environmental Consultants  
7977 Capwell Drive  
Suite 100  
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Authorized for release by:  
2/28/2011 4:45 PM

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# Qualifier Definition/Glossary

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33450-1

## Qualifiers

### GC/MS VOA

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time
X	Surrogate is outside control limits

### GC Semi VOA

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
X	Surrogate is outside control limits

### General Chemistry

Qualifier	Qualifier Description
F	RPD of the MS and MSD exceeds the control limits

## Glossary

Glossary	Glossary Description
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis.

- 1
- 2
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# Case Narrative

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33450-1

**Job ID: 720-33450-1**

**Laboratory: TestAmerica San Francisco**

## Narrative

### Job Narrative 720-33450-1

#### Comments

No additional comments.

#### Receipt

All samples were received in good condition within temperature requirements.

#### GC/MS VOA

Method 8260B: Internal standard response for the following sample 33450-D-3-A exceeded the lower control limit: SB-11 (720-33450-3). As such, the sample results may be biased high. The result was confirmed by reanalysis.

Method 8260B: Surrogate recovery for the following sample 720-33450-3 was outside control limit. Evidence of matrix interference is present.

No other analytical or quality issues were noted.

#### GC Semi VOA

Method 8015B: Due to the level of dilution required for the following sample, surrogate recoveries are not reported: (720-33450-3 MS), (720-33450-3 MSD), SB-11 (720-33450-3).

Method 8015B: Due to the high concentration of C10-C28, the matrix spike / matrix spike duplicate (MS/MSD) for batch 86502 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Method 8015B: Surrogate recovery for the following sample was outside the upper control limit: (MB 720-86502/1-A). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

No other analytical or quality issues were noted.

#### Metals

Method 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 86614 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other analytical or quality issues were noted.

#### General Chemistry

Method 9071B: The oil and grease matrix spike / matrix spike duplicate (MS/MSD) precision for sample 720-33450-4 in batch 105971 was outside control limits. Non-homogeneity of the sample matrix is suspected.

No other analytical or quality issues were noted.

#### Organic Prep

No analytical or quality issues were noted.

# Detection Summary

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33450-1

## Client Sample ID: SB-10

Lab Sample ID: 720-33450-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	2300		47		ug/L	1		8015B	Total/NA
Motor Oil Range Organics [C24-C36]	1400		93		ug/L	1		8015B	Total/NA
Barium	0.46		0.0050		mg/L	1		6010B	Total/NA
Beryllium	0.0029		0.0020		mg/L	1		6010B	Total/NA
Cobalt	0.0040		0.0020		mg/L	1		6010B	Total/NA
Molybdenum	0.014		0.010		mg/L	1		6010B	Total/NA
Nickel	0.011		0.010		mg/L	1		6010B	Total/NA
Zinc	0.022		0.020		mg/L	1		6010B	Total/NA
HEM (Oil & Grease)	7.0		4.8		mg/L	1		1664A	Total/NA

## Client Sample ID: SB-11

Lab Sample ID: 720-33450-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Gasoline Range Organics (GRO) -C5-C12	240		50		ug/L	1		8260B	Total/NA
MTBE	0.56		0.50		ug/L	1		8260B	Total/NA
TBA	21		4.0		ug/L	1		8260B	Total/NA
DIPE	0.56		0.50		ug/L	1		8260B	Total/NA
Diesel Range Organics [C10-C28]	19000		170		ug/L	3		8015B	Total/NA
Motor Oil Range Organics [C24-C36]	6900		330		ug/L	3		8015B	Total/NA
Barium	0.24		0.0050		mg/L	1		6010B	Total/NA
Nickel	0.068		0.010		mg/L	1		6010B	Total/NA
Zinc	0.026		0.020		mg/L	1		6010B	Total/NA
HEM (Oil & Grease)	48		4.7		mg/L	1		1664A	Total/NA

## Client Sample ID: SB-11

Lab Sample ID: 720-33450-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Gasoline Range Organics (GRO) -C5-C12	310000	H	50000		ug/Kg	100		8260B/CA_LUFTM	Total/NA
Diesel Range Organics [C10-C28]	8700		49		mg/Kg	20		8015B	Total/NA
Motor Oil Range Organics [C24-C36]	3400		2500		mg/Kg	20		8015B	Total/NA
Arsenic	7.8		4.2		mg/Kg	4		6010B	Total/NA
Barium	76		2.1		mg/Kg	4		6010B	Total/NA
Cadmium	1.1		0.52		mg/Kg	4		6010B	Total/NA
Chromium	39		2.1		mg/Kg	4		6010B	Total/NA
Cobalt	7.7		0.83		mg/Kg	4		6010B	Total/NA
Copper	36		6.2		mg/Kg	4		6010B	Total/NA
Lead	420		2.1		mg/Kg	4		6010B	Total/NA
Nickel	44		2.1		mg/Kg	4		6010B	Total/NA
Vanadium	17		2.1		mg/Kg	4		6010B	Total/NA
Zinc	210		6.2		mg/Kg	4		6010B	Total/NA
Mercury	0.27		0.010		mg/Kg	1		7471A	Total/NA
HEM (Oil & Grease)	20000		490		mg/Kg	1		9071B	Total/NA

## Client Sample ID: SB-12

Lab Sample ID: 720-33450-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	19		0.99		mg/Kg	1		8015B	Total/NA
Motor Oil Range Organics [C24-C36]	54		49		mg/Kg	1		8015B	Total/NA
Arsenic	5.9		3.8		mg/Kg	4		6010B	Total/NA
Barium	270		1.9		mg/Kg	4		6010B	Total/NA
Cadmium	1.1		0.48		mg/Kg	4		6010B	Total/NA
Chromium	43		1.9		mg/Kg	4		6010B	Total/NA
Cobalt	9.3		0.76		mg/Kg	4		6010B	Total/NA

# Detection Summary

Client: ACC Environmental Consultants  
 Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33450-1

## Client Sample ID: SB-12 (Continued)

Lab Sample ID: 720-33450-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	27		5.7		mg/Kg	4		6010B	Total/NA
Lead	1300		1.9		mg/Kg	4		6010B	Total/NA
Nickel	37		1.9		mg/Kg	4		6010B	Total/NA
Vanadium	28		1.9		mg/Kg	4		6010B	Total/NA
Zinc	290		5.7		mg/Kg	4		6010B	Total/NA
Mercury	0.10		0.010		mg/Kg	1		7471A	Total/NA
HEM (Oil & Grease)	940		490		mg/Kg	1		9071B	Total/NA

## Client Sample ID: SB-13

Lab Sample ID: 720-33450-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	2.7		0.99		mg/Kg	1		8015B	Total/NA
Arsenic	4.3		4.2		mg/Kg	4		6010B	Total/NA
Barium	110		2.1		mg/Kg	4		6010B	Total/NA
Chromium	45		2.1		mg/Kg	4		6010B	Total/NA
Cobalt	5.8		0.84		mg/Kg	4		6010B	Total/NA
Copper	22		6.3		mg/Kg	4		6010B	Total/NA
Lead	110		2.1		mg/Kg	4		6010B	Total/NA
Nickel	32		2.1		mg/Kg	4		6010B	Total/NA
Vanadium	34		2.1		mg/Kg	4		6010B	Total/NA
Zinc	100		6.3		mg/Kg	4		6010B	Total/NA
Mercury	0.043		0.010		mg/Kg	1		7471A	Total/NA

## Client Sample ID: SB-14

Lab Sample ID: 720-33450-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	1.9		0.99		mg/Kg	1		8015B	Total/NA
Barium	87		2.1		mg/Kg	4		6010B	Total/NA
Chromium	26		2.1		mg/Kg	4		6010B	Total/NA
Cobalt	4.0		0.84		mg/Kg	4		6010B	Total/NA
Lead	4.4		2.1		mg/Kg	4		6010B	Total/NA
Nickel	18		2.1		mg/Kg	4		6010B	Total/NA
Vanadium	16		2.1		mg/Kg	4		6010B	Total/NA
Zinc	12		6.3		mg/Kg	4		6010B	Total/NA
Mercury	0.033		0.011		mg/Kg	1		7471A	Total/NA

# Analytical Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33450-1

**Client Sample ID: SB-10**

**Date Collected: 02/16/11 08:00**

**Date Received: 02/17/11 17:10**

**Lab Sample ID: 720-33450-1**

**Matrix: Water**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			02/18/11 23:48	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			02/18/11 23:48	1
Ethylbenzene	ND		0.50		ug/L			02/18/11 23:48	1
Ethanol	ND		250		ug/L			02/18/11 23:48	1
MTBE	ND		0.50		ug/L			02/18/11 23:48	1
TAME	ND		0.50		ug/L			02/19/11 17:12	1
Ethyl t-butyl ether	ND		0.50		ug/L			02/19/11 17:12	1
Toluene	ND		0.50		ug/L			02/18/11 23:48	1
EDB	ND		0.50		ug/L			02/18/11 23:48	1
Xylenes, Total	ND		1.0		ug/L			02/18/11 23:48	1
1,2-DCA	ND		0.50		ug/L			02/18/11 23:48	1
TBA	ND		4.0		ug/L			02/18/11 23:48	1
DIPE	ND		0.50		ug/L			02/18/11 23:48	1
1,1,1-Trichloroethane	ND		0.50		ug/L			02/18/11 23:48	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			02/18/11 23:48	1
Bromoform	ND		1.0		ug/L			02/18/11 23:48	1
Tetrachloroethene	ND		0.50		ug/L			02/18/11 23:48	1
1,1-Dichloroethane	ND		0.50		ug/L			02/18/11 23:48	1
1,2-Dichloropropane	ND		0.50		ug/L			02/18/11 23:48	1
1,1,2-Trichloroethane	ND		0.50		ug/L			02/18/11 23:48	1
Dichlorodifluoromethane	ND		0.50		ug/L			02/18/11 23:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			02/18/11 23:48	1
Methylene Chloride	ND		5.0		ug/L			02/18/11 23:48	1
Chloromethane	ND		1.0		ug/L			02/18/11 23:48	1
Bromomethane	ND		1.0		ug/L			02/18/11 23:48	1
Chlorodibromomethane	ND		0.50		ug/L			02/18/11 23:48	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			02/18/11 23:48	1
Chlorobenzene	ND		0.50		ug/L			02/18/11 23:48	1
1,3-Dichlorobenzene	ND		0.50		ug/L			02/18/11 23:48	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			02/18/11 23:48	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			02/18/11 23:48	1
Chloroethane	ND		1.0		ug/L			02/18/11 23:48	1
1,1-Dichloroethene	ND		0.50		ug/L			02/18/11 23:48	1
1,2-Dichlorobenzene	ND		0.50		ug/L			02/18/11 23:48	1
Trichloroethene	ND		0.50		ug/L			02/18/11 23:48	1
Trichlorofluoromethane	ND		1.0		ug/L			02/18/11 23:48	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			02/18/11 23:48	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			02/18/11 23:48	1
Chloroform	ND		1.0		ug/L			02/18/11 23:48	1
Vinyl chloride	ND		0.50		ug/L			02/18/11 23:48	1
Carbon tetrachloride	ND		0.50		ug/L			02/18/11 23:48	1
1,4-Dichlorobenzene	ND		0.50		ug/L			02/18/11 23:48	1
Dichlorobromomethane	ND		0.50		ug/L			02/18/11 23:48	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	106		67 - 130		02/18/11 23:48	1
4-Bromofluorobenzene	104		67 - 130		02/19/11 17:12	1
1,2-Dichloroethane-d4 (Surr)	105		67 - 130		02/18/11 23:48	1
1,2-Dichloroethane-d4 (Surr)	105		67 - 130		02/19/11 17:12	1
Toluene-d8 (Surr)	100		70 - 130		02/18/11 23:48	1

# Analytical Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33450-1

**Client Sample ID: SB-10**

**Date Collected: 02/16/11 08:00**

**Date Received: 02/17/11 17:10**

**Lab Sample ID: 720-33450-1**

**Matrix: Water**

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100		70 - 130		02/19/11 17:12	1

## Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	2300		47		ug/L		02/19/11 10:22	02/22/11 21:22	1
Motor Oil Range Organics [C24-C36]	1400		93		ug/L		02/19/11 10:22	02/22/11 21:22	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	66		23 - 156	02/19/11 10:22	02/22/11 21:22	1

## Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.010		mg/L		02/22/11 09:11	02/22/11 16:19	1
Arsenic	ND		0.010		mg/L		02/22/11 09:11	02/22/11 16:19	1
Barium	0.46		0.0050		mg/L		02/22/11 09:11	02/22/11 16:19	1
Beryllium	0.0029		0.0020		mg/L		02/22/11 09:11	02/22/11 16:19	1
Cadmium	ND		0.0025		mg/L		02/22/11 09:11	02/22/11 16:19	1
Chromium	ND		0.010		mg/L		02/22/11 09:11	02/22/11 16:19	1
Cobalt	0.0040		0.0020		mg/L		02/22/11 09:11	02/22/11 16:19	1
Copper	ND		0.020		mg/L		02/22/11 09:11	02/22/11 16:19	1
Lead	ND		0.0050		mg/L		02/22/11 09:11	02/22/11 16:19	1
Molybdenum	0.014		0.010		mg/L		02/22/11 09:11	02/22/11 16:19	1
Nickel	0.011		0.010		mg/L		02/22/11 09:11	02/22/11 16:19	1
Selenium	ND		0.020		mg/L		02/22/11 09:11	02/22/11 16:19	1
Silver	ND		0.0050		mg/L		02/22/11 09:11	02/22/11 16:19	1
Thallium	ND		0.010		mg/L		02/22/11 09:11	02/22/11 16:19	1
Vanadium	ND		0.010		mg/L		02/22/11 09:11	02/22/11 16:19	1
Zinc	0.022		0.020		mg/L		02/22/11 09:11	02/22/11 16:19	1

## Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		02/22/11 08:13	02/22/11 13:01	1

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	7.0		4.8		mg/L		02/24/11 07:50	02/24/11 13:52	1

**Client Sample ID: SB-11**

**Date Collected: 02/16/11 09:30**

**Date Received: 02/17/11 17:10**

**Lab Sample ID: 720-33450-2**

**Matrix: Water**

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			02/19/11 01:25	1
Gasoline Range Organics (GRO) -C5-C12	240		50		ug/L			02/19/11 01:25	1
Ethylbenzene	ND		0.50		ug/L			02/19/11 01:25	1
Ethanol	ND		250		ug/L			02/19/11 01:25	1
MTBE	0.56		0.50		ug/L			02/19/11 01:25	1
TAME	ND		0.50		ug/L			02/19/11 17:43	1
Ethyl t-butyl ether	ND		0.50		ug/L			02/19/11 17:43	1

# Analytical Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33450-1

**Client Sample ID: SB-11**

**Date Collected: 02/16/11 09:30**

**Date Received: 02/17/11 17:10**

**Lab Sample ID: 720-33450-2**

**Matrix: Water**

**Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		0.50		ug/L			02/19/11 01:25	1
EDB	ND		0.50		ug/L			02/19/11 01:25	1
Xylenes, Total	ND		1.0		ug/L			02/19/11 01:25	1
1,2-DCA	ND		0.50		ug/L			02/19/11 01:25	1
<b>TBA</b>	<b>21</b>		4.0		ug/L			02/19/11 01:25	1
<b>DIPE</b>	<b>0.56</b>		0.50		ug/L			02/19/11 01:25	1
1,1,1-Trichloroethane	ND		0.50		ug/L			02/19/11 01:25	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			02/19/11 01:25	1
Bromoform	ND		1.0		ug/L			02/19/11 01:25	1
Tetrachloroethene	ND		0.50		ug/L			02/19/11 01:25	1
1,1-Dichloroethane	ND		0.50		ug/L			02/19/11 01:25	1
1,2-Dichloropropane	ND		0.50		ug/L			02/19/11 01:25	1
1,1,2-Trichloroethane	ND		0.50		ug/L			02/19/11 01:25	1
Dichlorodifluoromethane	ND		0.50		ug/L			02/19/11 01:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			02/19/11 01:25	1
Methylene Chloride	ND		5.0		ug/L			02/19/11 01:25	1
Chloromethane	ND		1.0		ug/L			02/19/11 01:25	1
Bromomethane	ND		1.0		ug/L			02/19/11 01:25	1
Chlorodibromomethane	ND		0.50		ug/L			02/19/11 01:25	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			02/19/11 01:25	1
Chlorobenzene	ND		0.50		ug/L			02/19/11 01:25	1
1,3-Dichlorobenzene	ND		0.50		ug/L			02/19/11 01:25	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			02/19/11 01:25	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			02/19/11 01:25	1
Chloroethane	ND		1.0		ug/L			02/19/11 01:25	1
1,1-Dichloroethene	ND		0.50		ug/L			02/19/11 01:25	1
1,2-Dichlorobenzene	ND		0.50		ug/L			02/19/11 01:25	1
Trichloroethene	ND		0.50		ug/L			02/19/11 01:25	1
Trichlorofluoromethane	ND		1.0		ug/L			02/19/11 01:25	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			02/19/11 01:25	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			02/19/11 01:25	1
Chloroform	ND		1.0		ug/L			02/19/11 01:25	1
Vinyl chloride	ND		0.50		ug/L			02/19/11 01:25	1
Carbon tetrachloride	ND		0.50		ug/L			02/19/11 01:25	1
1,4-Dichlorobenzene	ND		0.50		ug/L			02/19/11 01:25	1
Dichlorobromomethane	ND		0.50		ug/L			02/19/11 01:25	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	103		67 - 130		02/19/11 01:25	1
4-Bromofluorobenzene	101		67 - 130		02/19/11 17:43	1
1,2-Dichloroethane-d4 (Surr)	102		67 - 130		02/19/11 01:25	1
1,2-Dichloroethane-d4 (Surr)	105		67 - 130		02/19/11 17:43	1
Toluene-d8 (Surr)	101		70 - 130		02/19/11 01:25	1
Toluene-d8 (Surr)	101		70 - 130		02/19/11 17:43	1

**Method: 8015B - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Diesel Range Organics [C10-C28]</b>	<b>19000</b>		170		ug/L		02/19/11 10:22	02/23/11 15:50	3
<b>Motor Oil Range Organics [C24-C36]</b>	<b>6900</b>		330		ug/L		02/19/11 10:22	02/23/11 15:50	3

# Analytical Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33450-1

**Client Sample ID: SB-11**  
**Date Collected: 02/16/11 09:30**  
**Date Received: 02/17/11 17:10**

**Lab Sample ID: 720-33450-2**  
**Matrix: Water**

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	61		23 - 156	02/19/11 10:22	02/23/11 15:50	3

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.010		mg/L		02/22/11 09:11	02/22/11 17:59	1
Arsenic	ND		0.010		mg/L		02/22/11 09:11	02/22/11 17:59	1
<b>Barium</b>	<b>0.24</b>		0.0050		mg/L		02/22/11 09:11	02/22/11 17:59	1
Beryllium	ND		0.0020		mg/L		02/22/11 09:11	02/22/11 17:59	1
Cadmium	ND		0.0025		mg/L		02/22/11 09:11	02/22/11 17:59	1
Chromium	ND		0.010		mg/L		02/22/11 09:11	02/22/11 17:59	1
Cobalt	ND		0.0020		mg/L		02/22/11 09:11	02/22/11 17:59	1
Copper	ND		0.020		mg/L		02/22/11 09:11	02/22/11 17:59	1
Lead	ND		0.0050		mg/L		02/22/11 09:11	02/22/11 17:59	1
Molybdenum	ND		0.010		mg/L		02/22/11 09:11	02/22/11 17:59	1
<b>Nickel</b>	<b>0.068</b>		0.010		mg/L		02/22/11 09:11	02/22/11 17:59	1
Selenium	ND		0.020		mg/L		02/22/11 09:11	02/22/11 17:59	1
Silver	ND		0.0050		mg/L		02/22/11 09:11	02/22/11 17:59	1
Thallium	ND		0.010		mg/L		02/22/11 09:11	02/22/11 17:59	1
Vanadium	ND		0.010		mg/L		02/22/11 09:11	02/22/11 17:59	1
<b>Zinc</b>	<b>0.026</b>		0.020		mg/L		02/22/11 09:11	02/22/11 17:59	1

**Method: 7470A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		02/22/11 08:13	02/22/11 13:03	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>HEM (Oil &amp; Grease)</b>	<b>48</b>		4.7		mg/L		02/24/11 08:06	02/24/11 13:57	1

**Client Sample ID: SB-11**  
**Date Collected: 02/16/11 10:00**  
**Date Received: 02/17/11 17:10**

**Lab Sample ID: 720-33450-3**  
**Matrix: Solid**

**Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		13		ug/Kg		02/17/11 21:00	02/18/11 17:39	1
<b>Gasoline Range Organics (GRO)</b>	<b>310000</b>	<b>H</b>	50000		ug/Kg		02/19/11 09:00	02/19/11 21:09	100
<b>-C5-C12</b>									
Ethylbenzene	ND		13		ug/Kg		02/17/11 21:00	02/18/11 17:39	1
Ethanol	ND		1300		ug/Kg		02/17/11 21:00	02/18/11 17:39	1
MTBE	ND		13		ug/Kg		02/17/11 21:00	02/18/11 17:39	1
TAME	ND		13		ug/Kg		02/17/11 21:00	02/18/11 17:39	1
Ethyl t-butyl ether	ND		13		ug/Kg		02/17/11 21:00	02/18/11 17:39	1
Toluene	ND		13		ug/Kg		02/17/11 21:00	02/18/11 17:39	1
EDB	ND		13		ug/Kg		02/17/11 21:00	02/18/11 17:39	1
Xylenes, Total	ND		27		ug/Kg		02/17/11 21:00	02/18/11 17:39	1
1,2-DCA	ND		13		ug/Kg		02/17/11 21:00	02/18/11 17:39	1
TBA	ND		27		ug/Kg		02/17/11 21:00	02/18/11 17:39	1
DIPE	ND		13		ug/Kg		02/17/11 21:00	02/18/11 17:39	1
1,1,1-Trichloroethane	ND		13		ug/Kg		02/17/11 21:00	02/18/11 17:39	1
cis-1,3-Dichloropropene	ND		13		ug/Kg		02/17/11 21:00	02/18/11 17:39	1
Bromoform	ND		13		ug/Kg		02/17/11 21:00	02/18/11 17:39	1



# Analytical Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33450-1

**Client Sample ID: SB-11**

**Lab Sample ID: 720-33450-3**

Date Collected: 02/16/11 10:00

Matrix: Solid

Date Received: 02/17/11 17:10

**Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		13		ug/Kg		02/17/11 21:00	02/18/11 17:39	1
1,1-Dichloroethane	ND		13		ug/Kg		02/17/11 21:00	02/18/11 17:39	1
1,2-Dichloropropane	ND		13		ug/Kg		02/17/11 21:00	02/18/11 17:39	1
1,1,2-Trichloroethane	ND		13		ug/Kg		02/17/11 21:00	02/18/11 17:39	1
Dichlorodifluoromethane	ND		27		ug/Kg		02/17/11 21:00	02/18/11 17:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		13		ug/Kg		02/17/11 21:00	02/18/11 17:39	1
Methylene Chloride	ND		27		ug/Kg		02/17/11 21:00	02/18/11 17:39	1
Chloromethane	ND		27		ug/Kg		02/17/11 21:00	02/18/11 17:39	1
Bromomethane	ND		27		ug/Kg		02/17/11 21:00	02/18/11 17:39	1
Chlorodibromomethane	ND		13		ug/Kg		02/17/11 21:00	02/18/11 17:39	1
1,2,4-Trichlorobenzene	ND		13		ug/Kg		02/17/11 21:00	02/18/11 17:39	1
Chlorobenzene	ND		13		ug/Kg		02/17/11 21:00	02/18/11 17:39	1
1,3-Dichlorobenzene	ND		13		ug/Kg		02/17/11 21:00	02/18/11 17:39	1
trans-1,2-Dichloroethene	ND		13		ug/Kg		02/17/11 21:00	02/18/11 17:39	1
1,1,2,2-Tetrachloroethane	ND		13		ug/Kg		02/17/11 21:00	02/18/11 17:39	1
Chloroethane	ND		27		ug/Kg		02/17/11 21:00	02/18/11 17:39	1
1,1-Dichloroethene	ND		13		ug/Kg		02/17/11 21:00	02/18/11 17:39	1
1,2-Dichlorobenzene	ND		13		ug/Kg		02/17/11 21:00	02/18/11 17:39	1
Trichloroethene	ND		13		ug/Kg		02/17/11 21:00	02/18/11 17:39	1
Trichlorofluoromethane	ND		13		ug/Kg		02/17/11 21:00	02/18/11 17:39	1
trans-1,3-Dichloropropene	ND		13		ug/Kg		02/17/11 21:00	02/18/11 17:39	1
cis-1,2-Dichloroethene	ND		13		ug/Kg		02/17/11 21:00	02/18/11 17:39	1
Chloroform	ND		13		ug/Kg		02/17/11 21:00	02/18/11 17:39	1
Vinyl chloride	ND		13		ug/Kg		02/17/11 21:00	02/18/11 17:39	1
Carbon tetrachloride	ND		13		ug/Kg		02/17/11 21:00	02/18/11 17:39	1
1,4-Dichlorobenzene	ND		13		ug/Kg		02/17/11 21:00	02/18/11 17:39	1
Dichlorobromomethane	ND		13		ug/Kg		02/17/11 21:00	02/18/11 17:39	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	0	X	65 - 117	02/17/11 21:00	02/18/11 17:39	1
4-Bromofluorobenzene	105		66 - 148	02/19/11 09:00	02/19/11 21:09	100
1,2-Dichloroethane-d4 (Surr)	137		73 - 140	02/17/11 21:00	02/18/11 17:39	1
1,2-Dichloroethane-d4 (Surr)	107		62 - 137	02/19/11 09:00	02/19/11 21:09	100
Toluene-d8 (Surr)	76	X	84 - 116	02/17/11 21:00	02/18/11 17:39	1
Toluene-d8 (Surr)	103		65 - 141	02/19/11 09:00	02/19/11 21:09	100

**Method: 8015B - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	8700		49		mg/Kg		02/18/11 14:29	02/22/11 22:09	20
Motor Oil Range Organics [C24-C36]	3400		2500		mg/Kg		02/18/11 14:29	02/22/11 22:09	20

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	0	D	31 - 114	02/18/11 14:29	02/22/11 22:09	20

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.1		mg/Kg		02/22/11 16:31	02/23/11 12:19	4
Arsenic	7.8		4.2		mg/Kg		02/22/11 16:31	02/23/11 12:19	4
Barium	76		2.1		mg/Kg		02/22/11 16:31	02/23/11 12:19	4
Beryllium	ND		0.42		mg/Kg		02/22/11 16:31	02/23/11 12:19	4
Cadmium	1.1		0.52		mg/Kg		02/22/11 16:31	02/23/11 12:19	4

# Analytical Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33450-1

**Client Sample ID: SB-11**

**Date Collected: 02/16/11 10:00**

**Date Received: 02/17/11 17:10**

**Lab Sample ID: 720-33450-3**

**Matrix: Solid**

**Method: 6010B - Metals (ICP) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	39		2.1		mg/Kg		02/22/11 16:31	02/23/11 12:19	4
Cobalt	7.7		0.83		mg/Kg		02/22/11 16:31	02/23/11 12:19	4
Copper	36		6.2		mg/Kg		02/22/11 16:31	02/23/11 12:19	4
Lead	420		2.1		mg/Kg		02/22/11 16:31	02/23/11 12:19	4
Molybdenum	ND		2.1		mg/Kg		02/22/11 16:31	02/23/11 12:19	4
Nickel	44		2.1		mg/Kg		02/22/11 16:31	02/23/11 12:19	4
Selenium	ND		4.2		mg/Kg		02/22/11 16:31	02/23/11 12:19	4
Silver	ND		1.0		mg/Kg		02/22/11 16:31	02/23/11 12:19	4
Thallium	ND		2.1		mg/Kg		02/22/11 16:31	02/23/11 12:19	4
Vanadium	17		2.1		mg/Kg		02/22/11 16:31	02/23/11 12:19	4
Zinc	210		6.2		mg/Kg		02/22/11 16:31	02/23/11 12:19	4

**Method: 7471A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.27		0.010		mg/Kg		02/22/11 11:04	02/22/11 17:52	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	20000		490		mg/Kg		02/21/11 06:45	02/21/11 13:18	1

**Client Sample ID: SB-12**

**Date Collected: 02/16/11 10:50**

**Date Received: 02/17/11 17:10**

**Lab Sample ID: 720-33450-4**

**Matrix: Solid**

**Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		6.8		ug/Kg		02/17/11 21:00	02/18/11 18:12	1
Gasoline Range Organics (GRO) -C5-C12	ND		340		ug/Kg		02/17/11 21:00	02/18/11 18:12	1
Ethylbenzene	ND		6.8		ug/Kg		02/17/11 21:00	02/18/11 18:12	1
Ethanol	ND		680		ug/Kg		02/17/11 21:00	02/18/11 18:12	1
MTBE	ND		6.8		ug/Kg		02/17/11 21:00	02/18/11 18:12	1
TAME	ND		6.8		ug/Kg		02/17/11 21:00	02/18/11 18:12	1
Ethyl t-butyl ether	ND		6.8		ug/Kg		02/17/11 21:00	02/18/11 18:12	1
Toluene	ND		6.8		ug/Kg		02/17/11 21:00	02/18/11 18:12	1
EDB	ND		6.8		ug/Kg		02/17/11 21:00	02/18/11 18:12	1
Xylenes, Total	ND		14		ug/Kg		02/17/11 21:00	02/18/11 18:12	1
1,2-DCA	ND		6.8		ug/Kg		02/17/11 21:00	02/18/11 18:12	1
TBA	ND		14		ug/Kg		02/17/11 21:00	02/18/11 18:12	1
DIPE	ND		6.8		ug/Kg		02/17/11 21:00	02/18/11 18:12	1
1,1,1-Trichloroethane	ND		6.8		ug/Kg		02/17/11 21:00	02/18/11 18:12	1
cis-1,3-Dichloropropene	ND		6.8		ug/Kg		02/17/11 21:00	02/18/11 18:12	1
Bromoform	ND		6.8		ug/Kg		02/17/11 21:00	02/18/11 18:12	1
Tetrachloroethene	ND		6.8		ug/Kg		02/17/11 21:00	02/18/11 18:12	1
1,1-Dichloroethane	ND		6.8		ug/Kg		02/17/11 21:00	02/18/11 18:12	1
1,2-Dichloropropane	ND		6.8		ug/Kg		02/17/11 21:00	02/18/11 18:12	1
1,1,2-Trichloroethane	ND		6.8		ug/Kg		02/17/11 21:00	02/18/11 18:12	1
Dichlorodifluoromethane	ND		14		ug/Kg		02/17/11 21:00	02/18/11 18:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.8		ug/Kg		02/17/11 21:00	02/18/11 18:12	1
Methylene Chloride	ND		14		ug/Kg		02/17/11 21:00	02/18/11 18:12	1
Chloromethane	ND		14		ug/Kg		02/17/11 21:00	02/18/11 18:12	1
Bromomethane	ND		14		ug/Kg		02/17/11 21:00	02/18/11 18:12	1

# Analytical Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33450-1

**Client Sample ID: SB-12**

**Date Collected: 02/16/11 10:50**

**Date Received: 02/17/11 17:10**

**Lab Sample ID: 720-33450-4**

**Matrix: Solid**

**Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorodibromomethane	ND		6.8		ug/Kg		02/17/11 21:00	02/18/11 18:12	1
1,2,4-Trichlorobenzene	ND		6.8		ug/Kg		02/17/11 21:00	02/18/11 18:12	1
Chlorobenzene	ND		6.8		ug/Kg		02/17/11 21:00	02/18/11 18:12	1
1,3-Dichlorobenzene	ND		6.8		ug/Kg		02/17/11 21:00	02/18/11 18:12	1
trans-1,2-Dichloroethene	ND		6.8		ug/Kg		02/17/11 21:00	02/18/11 18:12	1
1,1,2,2-Tetrachloroethane	ND		6.8		ug/Kg		02/17/11 21:00	02/18/11 18:12	1
Chloroethane	ND		14		ug/Kg		02/17/11 21:00	02/18/11 18:12	1
1,1-Dichloroethene	ND		6.8		ug/Kg		02/17/11 21:00	02/18/11 18:12	1
1,2-Dichlorobenzene	ND		6.8		ug/Kg		02/17/11 21:00	02/18/11 18:12	1
Trichloroethene	ND		6.8		ug/Kg		02/17/11 21:00	02/18/11 18:12	1
Trichlorofluoromethane	ND		6.8		ug/Kg		02/17/11 21:00	02/18/11 18:12	1
trans-1,3-Dichloropropene	ND		6.8		ug/Kg		02/17/11 21:00	02/18/11 18:12	1
cis-1,2-Dichloroethene	ND		6.8		ug/Kg		02/17/11 21:00	02/18/11 18:12	1
Chloroform	ND		6.8		ug/Kg		02/17/11 21:00	02/18/11 18:12	1
Vinyl chloride	ND		6.8		ug/Kg		02/17/11 21:00	02/18/11 18:12	1
Carbon tetrachloride	ND		6.8		ug/Kg		02/17/11 21:00	02/18/11 18:12	1
1,4-Dichlorobenzene	ND		6.8		ug/Kg		02/17/11 21:00	02/18/11 18:12	1
Dichlorobromomethane	ND		6.8		ug/Kg		02/17/11 21:00	02/18/11 18:12	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	94		65 - 117	02/17/11 21:00	02/18/11 18:12	1
1,2-Dichloroethane-d4 (Surr)	118		73 - 140	02/17/11 21:00	02/18/11 18:12	1
Toluene-d8 (Surr)	98		84 - 116	02/17/11 21:00	02/18/11 18:12	1

**Method: 8015B - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Diesel Range Organics [C10-C28]</b>	<b>19</b>		0.99		mg/Kg		02/18/11 14:29	02/23/11 00:29	1
<b>Motor Oil Range Organics [C24-C36]</b>	<b>54</b>		49		mg/Kg		02/18/11 14:29	02/23/11 00:29	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	90		31 - 114	02/18/11 14:29	02/23/11 00:29	1

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.9		mg/Kg		02/22/11 16:31	02/23/11 12:23	4
<b>Arsenic</b>	<b>5.9</b>		3.8		mg/Kg		02/22/11 16:31	02/23/11 12:23	4
<b>Barium</b>	<b>270</b>		1.9		mg/Kg		02/22/11 16:31	02/23/11 12:23	4
Beryllium	ND		0.38		mg/Kg		02/22/11 16:31	02/23/11 12:23	4
<b>Cadmium</b>	<b>1.1</b>		0.48		mg/Kg		02/22/11 16:31	02/23/11 12:23	4
<b>Chromium</b>	<b>43</b>		1.9		mg/Kg		02/22/11 16:31	02/23/11 12:23	4
<b>Cobalt</b>	<b>9.3</b>		0.76		mg/Kg		02/22/11 16:31	02/23/11 12:23	4
<b>Copper</b>	<b>27</b>		5.7		mg/Kg		02/22/11 16:31	02/23/11 12:23	4
<b>Lead</b>	<b>1300</b>		1.9		mg/Kg		02/22/11 16:31	02/23/11 12:23	4
Molybdenum	ND		1.9		mg/Kg		02/22/11 16:31	02/23/11 12:23	4
<b>Nickel</b>	<b>37</b>		1.9		mg/Kg		02/22/11 16:31	02/23/11 12:23	4
Selenium	ND		3.8		mg/Kg		02/22/11 16:31	02/23/11 12:23	4
Silver	ND		0.95		mg/Kg		02/22/11 16:31	02/23/11 12:23	4
Thallium	ND		1.9		mg/Kg		02/22/11 16:31	02/23/11 12:23	4
<b>Vanadium</b>	<b>28</b>		1.9		mg/Kg		02/22/11 16:31	02/23/11 12:23	4
<b>Zinc</b>	<b>290</b>		5.7		mg/Kg		02/22/11 16:31	02/23/11 12:23	4

# Analytical Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33450-1

## Client Sample ID: SB-12

Date Collected: 02/16/11 10:50

Date Received: 02/17/11 17:10

## Lab Sample ID: 720-33450-4

Matrix: Solid

### Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.10		0.010		mg/Kg		02/22/11 11:04	02/22/11 17:55	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	940		490		mg/Kg		02/21/11 06:45	02/21/11 13:24	1

## Client Sample ID: SB-13

Date Collected: 02/16/11 12:00

Date Received: 02/17/11 17:10

## Lab Sample ID: 720-33450-5

Matrix: Solid

### Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		5.5		ug/Kg		02/17/11 21:00	02/18/11 18:44	1
Gasoline Range Organics (GRO) -C5-C12	ND		270		ug/Kg		02/17/11 21:00	02/18/11 18:44	1
Ethylbenzene	ND		5.5		ug/Kg		02/17/11 21:00	02/18/11 18:44	1
Ethanol	ND		550		ug/Kg		02/17/11 21:00	02/18/11 18:44	1
MTBE	ND		5.5		ug/Kg		02/17/11 21:00	02/18/11 18:44	1
TAME	ND		5.5		ug/Kg		02/17/11 21:00	02/18/11 18:44	1
Ethyl t-butyl ether	ND		5.5		ug/Kg		02/17/11 21:00	02/18/11 18:44	1
Toluene	ND		5.5		ug/Kg		02/17/11 21:00	02/18/11 18:44	1
EDB	ND		5.5		ug/Kg		02/17/11 21:00	02/18/11 18:44	1
Xylenes, Total	ND		11		ug/Kg		02/17/11 21:00	02/18/11 18:44	1
1,2-DCA	ND		5.5		ug/Kg		02/17/11 21:00	02/18/11 18:44	1
TBA	ND		11		ug/Kg		02/17/11 21:00	02/18/11 18:44	1
DIPE	ND		5.5		ug/Kg		02/17/11 21:00	02/18/11 18:44	1
1,1,1-Trichloroethane	ND		5.5		ug/Kg		02/17/11 21:00	02/18/11 18:44	1
cis-1,3-Dichloropropene	ND		5.5		ug/Kg		02/17/11 21:00	02/18/11 18:44	1
Bromoform	ND		5.5		ug/Kg		02/17/11 21:00	02/18/11 18:44	1
Tetrachloroethene	ND		5.5		ug/Kg		02/17/11 21:00	02/18/11 18:44	1
1,1-Dichloroethane	ND		5.5		ug/Kg		02/17/11 21:00	02/18/11 18:44	1
1,2-Dichloropropane	ND		5.5		ug/Kg		02/17/11 21:00	02/18/11 18:44	1
1,1,2-Trichloroethane	ND		5.5		ug/Kg		02/17/11 21:00	02/18/11 18:44	1
Dichlorodifluoromethane	ND		11		ug/Kg		02/17/11 21:00	02/18/11 18:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.5		ug/Kg		02/17/11 21:00	02/18/11 18:44	1
Methylene Chloride	ND		11		ug/Kg		02/17/11 21:00	02/18/11 18:44	1
Chloromethane	ND		11		ug/Kg		02/17/11 21:00	02/18/11 18:44	1
Bromomethane	ND		11		ug/Kg		02/17/11 21:00	02/18/11 18:44	1
Chlorodibromomethane	ND		5.5		ug/Kg		02/17/11 21:00	02/18/11 18:44	1
1,2,4-Trichlorobenzene	ND		5.5		ug/Kg		02/17/11 21:00	02/18/11 18:44	1
Chlorobenzene	ND		5.5		ug/Kg		02/17/11 21:00	02/18/11 18:44	1
1,3-Dichlorobenzene	ND		5.5		ug/Kg		02/17/11 21:00	02/18/11 18:44	1
trans-1,2-Dichloroethene	ND		5.5		ug/Kg		02/17/11 21:00	02/18/11 18:44	1
1,1,2,2-Tetrachloroethane	ND		5.5		ug/Kg		02/17/11 21:00	02/18/11 18:44	1
Chloroethane	ND		11		ug/Kg		02/17/11 21:00	02/18/11 18:44	1
1,1-Dichloroethene	ND		5.5		ug/Kg		02/17/11 21:00	02/18/11 18:44	1
1,2-Dichlorobenzene	ND		5.5		ug/Kg		02/17/11 21:00	02/18/11 18:44	1
Trichloroethene	ND		5.5		ug/Kg		02/17/11 21:00	02/18/11 18:44	1
Trichlorofluoromethane	ND		5.5		ug/Kg		02/17/11 21:00	02/18/11 18:44	1
trans-1,3-Dichloropropene	ND		5.5		ug/Kg		02/17/11 21:00	02/18/11 18:44	1
cis-1,2-Dichloroethene	ND		5.5		ug/Kg		02/17/11 21:00	02/18/11 18:44	1

# Analytical Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33450-1

**Client Sample ID: SB-13**

**Lab Sample ID: 720-33450-5**

**Date Collected: 02/16/11 12:00**

**Matrix: Solid**

**Date Received: 02/17/11 17:10**

**Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		5.5		ug/Kg		02/17/11 21:00	02/18/11 18:44	1
Vinyl chloride	ND		5.5		ug/Kg		02/17/11 21:00	02/18/11 18:44	1
Carbon tetrachloride	ND		5.5		ug/Kg		02/17/11 21:00	02/18/11 18:44	1
1,4-Dichlorobenzene	ND		5.5		ug/Kg		02/17/11 21:00	02/18/11 18:44	1
Dichlorobromomethane	ND		5.5		ug/Kg		02/17/11 21:00	02/18/11 18:44	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	95		65 - 117	02/17/11 21:00	02/18/11 18:44	1
1,2-Dichloroethane-d4 (Surr)	103		73 - 140	02/17/11 21:00	02/18/11 18:44	1
Toluene-d8 (Surr)	99		84 - 116	02/17/11 21:00	02/18/11 18:44	1

**Method: 8015B - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Diesel Range Organics [C10-C28]</b>	<b>2.7</b>		0.99		mg/Kg		02/18/11 14:29	02/23/11 01:15	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		02/18/11 14:29	02/23/11 01:15	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	100		31 - 114	02/18/11 14:29	02/23/11 01:15	1

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.1		mg/Kg		02/22/11 16:31	02/23/11 12:27	4
<b>Arsenic</b>	<b>4.3</b>		4.2		mg/Kg		02/22/11 16:31	02/23/11 12:27	4
<b>Barium</b>	<b>110</b>		2.1		mg/Kg		02/22/11 16:31	02/23/11 12:27	4
Beryllium	ND		0.42		mg/Kg		02/22/11 16:31	02/23/11 12:27	4
Cadmium	ND		0.53		mg/Kg		02/22/11 16:31	02/23/11 12:27	4
<b>Chromium</b>	<b>45</b>		2.1		mg/Kg		02/22/11 16:31	02/23/11 12:27	4
<b>Cobalt</b>	<b>5.8</b>		0.84		mg/Kg		02/22/11 16:31	02/23/11 12:27	4
<b>Copper</b>	<b>22</b>		6.3		mg/Kg		02/22/11 16:31	02/23/11 12:27	4
<b>Lead</b>	<b>110</b>		2.1		mg/Kg		02/22/11 16:31	02/23/11 12:27	4
Molybdenum	ND		2.1		mg/Kg		02/22/11 16:31	02/23/11 12:27	4
<b>Nickel</b>	<b>32</b>		2.1		mg/Kg		02/22/11 16:31	02/23/11 12:27	4
Selenium	ND		4.2		mg/Kg		02/22/11 16:31	02/23/11 12:27	4
Silver	ND		1.1		mg/Kg		02/22/11 16:31	02/23/11 12:27	4
Thallium	ND		2.1		mg/Kg		02/22/11 16:31	02/23/11 12:27	4
<b>Vanadium</b>	<b>34</b>		2.1		mg/Kg		02/22/11 16:31	02/23/11 12:27	4
<b>Zinc</b>	<b>100</b>		6.3		mg/Kg		02/22/11 16:31	02/23/11 12:27	4

**Method: 7471A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.043</b>		0.010		mg/Kg		02/22/11 11:04	02/22/11 17:57	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	ND		490		mg/Kg		02/21/11 06:45	02/21/11 13:42	1

# Analytical Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33450-1

**Client Sample ID: SB-14**

**Date Collected: 02/16/11 12:15**

**Date Received: 02/17/11 17:10**

**Lab Sample ID: 720-33450-6**

**Matrix: Solid**

**Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		4.5		ug/Kg		02/17/11 21:00	02/18/11 19:16	1
Gasoline Range Organics (GRO) -C5-C12	ND		220		ug/Kg		02/17/11 21:00	02/18/11 19:16	1
Ethylbenzene	ND		4.5		ug/Kg		02/17/11 21:00	02/18/11 19:16	1
Ethanol	ND		450		ug/Kg		02/17/11 21:00	02/18/11 19:16	1
MTBE	ND		4.5		ug/Kg		02/17/11 21:00	02/18/11 19:16	1
TAME	ND		4.5		ug/Kg		02/17/11 21:00	02/18/11 19:16	1
Ethyl t-butyl ether	ND		4.5		ug/Kg		02/17/11 21:00	02/18/11 19:16	1
Toluene	ND		4.5		ug/Kg		02/17/11 21:00	02/18/11 19:16	1
EDB	ND		4.5		ug/Kg		02/17/11 21:00	02/18/11 19:16	1
Xylenes, Total	ND		8.9		ug/Kg		02/17/11 21:00	02/18/11 19:16	1
1,2-DCA	ND		4.5		ug/Kg		02/17/11 21:00	02/18/11 19:16	1
TBA	ND		8.9		ug/Kg		02/17/11 21:00	02/18/11 19:16	1
DIPE	ND		4.5		ug/Kg		02/17/11 21:00	02/18/11 19:16	1
1,1,1-Trichloroethane	ND		4.5		ug/Kg		02/17/11 21:00	02/18/11 19:16	1
cis-1,3-Dichloropropene	ND		4.5		ug/Kg		02/17/11 21:00	02/18/11 19:16	1
Bromoform	ND		4.5		ug/Kg		02/17/11 21:00	02/18/11 19:16	1
Tetrachloroethene	ND		4.5		ug/Kg		02/17/11 21:00	02/18/11 19:16	1
1,1-Dichloroethane	ND		4.5		ug/Kg		02/17/11 21:00	02/18/11 19:16	1
1,2-Dichloropropane	ND		4.5		ug/Kg		02/17/11 21:00	02/18/11 19:16	1
1,1,2-Trichloroethane	ND		4.5		ug/Kg		02/17/11 21:00	02/18/11 19:16	1
Dichlorodifluoromethane	ND		8.9		ug/Kg		02/17/11 21:00	02/18/11 19:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.5		ug/Kg		02/17/11 21:00	02/18/11 19:16	1
Methylene Chloride	ND		8.9		ug/Kg		02/17/11 21:00	02/18/11 19:16	1
Chloromethane	ND		8.9		ug/Kg		02/17/11 21:00	02/18/11 19:16	1
Bromomethane	ND		8.9		ug/Kg		02/17/11 21:00	02/18/11 19:16	1
Chlorodibromomethane	ND		4.5		ug/Kg		02/17/11 21:00	02/18/11 19:16	1
1,2,4-Trichlorobenzene	ND		4.5		ug/Kg		02/17/11 21:00	02/18/11 19:16	1
Chlorobenzene	ND		4.5		ug/Kg		02/17/11 21:00	02/18/11 19:16	1
1,3-Dichlorobenzene	ND		4.5		ug/Kg		02/17/11 21:00	02/18/11 19:16	1
trans-1,2-Dichloroethene	ND		4.5		ug/Kg		02/17/11 21:00	02/18/11 19:16	1
1,1,2,2-Tetrachloroethane	ND		4.5		ug/Kg		02/17/11 21:00	02/18/11 19:16	1
Chloroethane	ND		8.9		ug/Kg		02/17/11 21:00	02/18/11 19:16	1
1,1-Dichloroethene	ND		4.5		ug/Kg		02/17/11 21:00	02/18/11 19:16	1
1,2-Dichlorobenzene	ND		4.5		ug/Kg		02/17/11 21:00	02/18/11 19:16	1
Trichloroethene	ND		4.5		ug/Kg		02/17/11 21:00	02/18/11 19:16	1
Trichlorofluoromethane	ND		4.5		ug/Kg		02/17/11 21:00	02/18/11 19:16	1
trans-1,3-Dichloropropene	ND		4.5		ug/Kg		02/17/11 21:00	02/18/11 19:16	1
cis-1,2-Dichloroethene	ND		4.5		ug/Kg		02/17/11 21:00	02/18/11 19:16	1
Chloroform	ND		4.5		ug/Kg		02/17/11 21:00	02/18/11 19:16	1
Vinyl chloride	ND		4.5		ug/Kg		02/17/11 21:00	02/18/11 19:16	1
Carbon tetrachloride	ND		4.5		ug/Kg		02/17/11 21:00	02/18/11 19:16	1
1,4-Dichlorobenzene	ND		4.5		ug/Kg		02/17/11 21:00	02/18/11 19:16	1
Dichlorobromomethane	ND		4.5		ug/Kg		02/17/11 21:00	02/18/11 19:16	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	101		65 - 117	02/17/11 21:00	02/18/11 19:16	1
1,2-Dichloroethane-d4 (Surr)	112		73 - 140	02/17/11 21:00	02/18/11 19:16	1
Toluene-d8 (Surr)	99		84 - 116	02/17/11 21:00	02/18/11 19:16	1

# Analytical Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33450-1

**Client Sample ID: SB-14**

**Lab Sample ID: 720-33450-6**

**Date Collected: 02/16/11 12:15**

**Matrix: Solid**

**Date Received: 02/17/11 17:10**

**Method: 8015B - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Diesel Range Organics [C10-C28]</b>	<b>1.9</b>		0.99		mg/Kg		02/18/11 14:29	02/23/11 01:38	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		02/18/11 14:29	02/23/11 01:38	1
<b>Surrogate</b>	<b>% Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
<i>p</i> -Terphenyl	101		31 - 114				02/18/11 14:29	02/23/11 01:38	1

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.1		mg/Kg		02/22/11 16:31	02/23/11 12:31	4
Arsenic	ND		4.2		mg/Kg		02/22/11 16:31	02/23/11 12:31	4
<b>Barium</b>	<b>87</b>		2.1		mg/Kg		02/22/11 16:31	02/23/11 12:31	4
Beryllium	ND		0.42		mg/Kg		02/22/11 16:31	02/23/11 12:31	4
Cadmium	ND		0.53		mg/Kg		02/22/11 16:31	02/23/11 12:31	4
<b>Chromium</b>	<b>26</b>		2.1		mg/Kg		02/22/11 16:31	02/23/11 12:31	4
<b>Cobalt</b>	<b>4.0</b>		0.84		mg/Kg		02/22/11 16:31	02/23/11 12:31	4
Copper	ND		6.3		mg/Kg		02/22/11 16:31	02/23/11 12:31	4
<b>Lead</b>	<b>4.4</b>		2.1		mg/Kg		02/22/11 16:31	02/23/11 12:31	4
Molybdenum	ND		2.1		mg/Kg		02/22/11 16:31	02/23/11 12:31	4
<b>Nickel</b>	<b>18</b>		2.1		mg/Kg		02/22/11 16:31	02/23/11 12:31	4
Selenium	ND		4.2		mg/Kg		02/22/11 16:31	02/23/11 12:31	4
Silver	ND		1.1		mg/Kg		02/22/11 16:31	02/23/11 12:31	4
Thallium	ND		2.1		mg/Kg		02/22/11 16:31	02/23/11 12:31	4
<b>Vanadium</b>	<b>16</b>		2.1		mg/Kg		02/22/11 16:31	02/23/11 12:31	4
<b>Zinc</b>	<b>12</b>		6.3		mg/Kg		02/22/11 16:31	02/23/11 12:31	4

**Method: 7471A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.033</b>		0.011		mg/Kg		02/22/11 11:04	02/22/11 17:59	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	ND		490		mg/Kg		02/21/11 06:45	02/21/11 13:48	1

# Quality Control Data

Client: ACC Environmental Consultants  
 Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33450-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Lab Sample ID: MB 720-86523/5**

**Matrix: Water**

**Analysis Batch: 86523**

**Client Sample ID: MB 720-86523/5**

**Prep Type: Total/NA**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	ND		0.50		ug/L			02/18/11 21:06	1
Gasoline Range Organics (GRO)	ND		50		ug/L			02/18/11 21:06	1
-C5-C12									
Ethylbenzene	ND		0.50		ug/L			02/18/11 21:06	1
Ethanol	ND		250		ug/L			02/18/11 21:06	1
m-Xylene & p-Xylene	ND		1.0		ug/L			02/18/11 21:06	1
MTBE	ND		0.50		ug/L			02/18/11 21:06	1
Toluene	ND		0.50		ug/L			02/18/11 21:06	1
EDB	ND		0.50		ug/L			02/18/11 21:06	1
Xylenes, Total	ND		1.0		ug/L			02/18/11 21:06	1
1,2-DCA	ND		0.50		ug/L			02/18/11 21:06	1
TBA	ND		4.0		ug/L			02/18/11 21:06	1
DIPE	ND		0.50		ug/L			02/18/11 21:06	1
o-Xylene	ND		0.50		ug/L			02/18/11 21:06	1
1,1,1-Trichloroethane	ND		0.50		ug/L			02/18/11 21:06	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			02/18/11 21:06	1
Bromoform	ND		1.0		ug/L			02/18/11 21:06	1
Tetrachloroethene	ND		0.50		ug/L			02/18/11 21:06	1
1,1-Dichloroethane	ND		0.50		ug/L			02/18/11 21:06	1
1,2-Dichloropropane	ND		0.50		ug/L			02/18/11 21:06	1
1,1,2-Trichloroethane	ND		0.50		ug/L			02/18/11 21:06	1
Dichlorodifluoromethane	ND		0.50		ug/L			02/18/11 21:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			02/18/11 21:06	1
Methylene Chloride	ND		5.0		ug/L			02/18/11 21:06	1
Chloromethane	ND		1.0		ug/L			02/18/11 21:06	1
Bromomethane	ND		1.0		ug/L			02/18/11 21:06	1
Chlorodibromomethane	ND		0.50		ug/L			02/18/11 21:06	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			02/18/11 21:06	1
Chlorobenzene	ND		0.50		ug/L			02/18/11 21:06	1
1,3-Dichlorobenzene	ND		0.50		ug/L			02/18/11 21:06	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			02/18/11 21:06	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			02/18/11 21:06	1
Chloroethane	ND		1.0		ug/L			02/18/11 21:06	1
1,1-Dichloroethene	ND		0.50		ug/L			02/18/11 21:06	1
1,2-Dichlorobenzene	ND		0.50		ug/L			02/18/11 21:06	1
Trichloroethene	ND		0.50		ug/L			02/18/11 21:06	1
Trichlorofluoromethane	ND		1.0		ug/L			02/18/11 21:06	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			02/18/11 21:06	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			02/18/11 21:06	1
Chloroform	ND		1.0		ug/L			02/18/11 21:06	1
Vinyl chloride	ND		0.50		ug/L			02/18/11 21:06	1
Carbon tetrachloride	ND		0.50		ug/L			02/18/11 21:06	1
1,4-Dichlorobenzene	ND		0.50		ug/L			02/18/11 21:06	1
Dichlorobromomethane	ND		0.50		ug/L			02/18/11 21:06	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene		102	67 - 130					02/18/11 21:06	1
1,2-Dichloroethane-d4 (Surr)		107	67 - 130					02/18/11 21:06	1
Toluene-d8 (Surr)		101	70 - 130					02/18/11 21:06	1



# Quality Control Data

Client: ACC Environmental Consultants  
 Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33450-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 720-86523/7**

**Matrix: Water**

**Analysis Batch: 86523**

**Client Sample ID: LCS 720-86523/7**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS	LCS	Unit	D	% Rec	% Rec. Limits
		Result	Qualifier				
Benzene	25.0	26.9		ug/L		108	82 - 127
Ethylbenzene	25.0	24.6		ug/L		99	86 - 135
Ethanol	500	405		ug/L		81	31 - 216
m-Xylene & p-Xylene	50.0	49.9		ug/L		100	70 - 142
MTBE	25.0	31.3		ug/L		125	62 - 130
Toluene	25.0	25.7		ug/L		103	83 - 129
EDB	25.0	31.9		ug/L		128	70 - 130
1,2-DCA	25.0	27.6		ug/L		110	70 - 126
TBA	500	493		ug/L		99	82 - 116
DIPE	25.0	29.3		ug/L		117	74 - 155
o-Xylene	25.0	26.1		ug/L		104	89 - 136
1,1,1-Trichloroethane	25.0	24.2		ug/L		97	70 - 130
cis-1,3-Dichloropropene	25.0	30.6		ug/L		122	88 - 137
Bromoform	25.0	26.1		ug/L		104	68 - 136
Tetrachloroethene	25.0	25.6		ug/L		102	70 - 130
1,1-Dichloroethane	25.0	25.3		ug/L		101	70 - 130
1,2-Dichloropropane	25.0	27.7		ug/L		111	70 - 130
1,1,2-Trichloroethane	25.0	30.2		ug/L		121	82 - 128
Dichlorodifluoromethane	25.0	17.4		ug/L		70	33 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	23.1		ug/L		92	42 - 162
Methylene Chloride	25.0	24.6		ug/L		98	73 - 147
Chloromethane	25.0	23.5		ug/L		94	52 - 175
Bromomethane	25.0	25.7		ug/L		103	43 - 151
Chlorodibromomethane	25.0	29.6		ug/L		118	78 - 145
1,2,4-Trichlorobenzene	25.0	27.9		ug/L		112	70 - 130
Chlorobenzene	25.0	25.9		ug/L		104	70 - 130
1,3-Dichlorobenzene	25.0	26.1		ug/L		105	70 - 130
trans-1,2-Dichloroethene	25.0	22.4		ug/L		89	75 - 131
1,1,1,2-Tetrachloroethane	25.0	29.7		ug/L		119	70 - 130
Chloroethane	25.0	24.8		ug/L		99	62 - 138
1,1-Dichloroethene	25.0	23.9		ug/L		96	64 - 128
1,2-Dichlorobenzene	25.0	26.6		ug/L		106	70 - 130
Trichloroethene	25.0	25.7		ug/L		103	70 - 130
Trichlorofluoromethane	25.0	22.5		ug/L		90	74 - 146
trans-1,3-Dichloropropene	25.0	30.2		ug/L		121	83 - 140
cis-1,2-Dichloroethene	25.0	29.9		ug/L		119	70 - 130
Chloroform	25.0	26.2		ug/L		105	70 - 130
Vinyl chloride	25.0	22.0		ug/L		88	65 - 156
Carbon tetrachloride	25.0	24.8		ug/L		99	77 - 146
1,4-Dichlorobenzene	25.0	26.2		ug/L		105	87 - 118
Dichlorobromomethane	25.0	28.2		ug/L		113	70 - 130

Surrogate	LCS LCS		Limits
	% Recovery	Qualifier	
4-Bromofluorobenzene	101		67 - 130
1,2-Dichloroethane-d4 (Surr)	105		67 - 130
Toluene-d8 (Surr)	101		70 - 130



# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33450-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCSD 720-86523/8**

**Matrix: Water**

**Analysis Batch: 86523**

**Client Sample ID: LCSD 720-86523/8**

**Prep Type: Total/NA**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec.		RPD	RPD Limit
							Limits	RPD		
Chlorodibromomethane	25.0	29.0		ug/L		116	78 - 145	2	20	
1,2,4-Trichlorobenzene	25.0	27.0		ug/L		108	70 - 130	3	20	
Chlorobenzene	25.0	26.4		ug/L		106	70 - 130	2	20	
1,3-Dichlorobenzene	25.0	26.0		ug/L		104	70 - 130	1	20	
trans-1,2-Dichloroethene	25.0	22.3		ug/L		89	75 - 131	0	20	
1,1,1,2-Tetrachloroethane	25.0	28.0		ug/L		112	70 - 130	6	20	
Chloroethane	25.0	25.2		ug/L		101	62 - 138	2	20	
1,1-Dichloroethene	25.0	24.1		ug/L		97	64 - 128	1	20	
1,2-Dichlorobenzene	25.0	26.3		ug/L		105	70 - 130	1	20	
Trichloroethene	25.0	25.8		ug/L		103	70 - 130	0	20	
Trichlorofluoromethane	25.0	22.6		ug/L		90	74 - 146	0	20	
trans-1,3-Dichloropropene	25.0	29.7		ug/L		119	83 - 140	2	20	
cis-1,2-Dichloroethene	25.0	30.0		ug/L		120	70 - 130	0	20	
Chloroform	25.0	25.9		ug/L		104	70 - 130	1	20	
Vinyl chloride	25.0	22.3		ug/L		89	65 - 156	1	20	
Carbon tetrachloride	25.0	24.9		ug/L		100	77 - 146	1	20	
1,4-Dichlorobenzene	25.0	26.1		ug/L		105	87 - 118	0	20	
Dichlorobromomethane	25.0	28.0		ug/L		112	70 - 130	1	20	

Surrogate	LCSD		Limits
	% Recovery	Qualifier	
4-Bromofluorobenzene	101		67 - 130
1,2-Dichloroethane-d4 (Surr)	102		67 - 130
Toluene-d8 (Surr)	101		70 - 130

**Lab Sample ID: 720-33450-1 MS**

**Matrix: Water**

**Analysis Batch: 86523**

**Client Sample ID: SB-10**

**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS		Unit	D	% Rec	% Rec.	
				Result	Qualifier				Limits	RPD
Benzene	ND		25.0	26.1		ug/L		105	60 - 140	
Ethylbenzene	ND		25.0	24.5		ug/L		98	60 - 140	
Ethanol	ND		500	500		ug/L		100	60 - 140	
m-Xylene & p-Xylene	ND		50.0	49.9		ug/L		100	60 - 140	
MTBE	ND		25.0	27.7		ug/L		111	60 - 138	
Toluene	ND		25.0	25.9		ug/L		104	60 - 140	
EDB	ND		25.0	28.7		ug/L		115	60 - 140	
1,2-DCA	ND		25.0	25.7		ug/L		103	60 - 140	
TBA	ND		500	481		ug/L		96	60 - 140	
DIPE	ND		25.0	27.9		ug/L		112	60 - 140	
o-Xylene	ND		25.0	25.9		ug/L		103	60 - 140	
1,1,1-Trichloroethane	ND		25.0	23.8		ug/L		95	60 - 140	
cis-1,3-Dichloropropene	ND		25.0	28.9		ug/L		115	60 - 140	
Bromoform	ND		25.0	23.8		ug/L		95	56 - 140	
Tetrachloroethene	ND		25.0	24.5		ug/L		98	60 - 140	
1,1-Dichloroethane	ND		25.0	24.8		ug/L		99	60 - 140	
1,2-Dichloropropane	ND		25.0	26.6		ug/L		106	60 - 140	
1,1,2-Trichloroethane	ND		25.0	27.3		ug/L		109	60 - 140	
Dichlorodifluoromethane	ND		25.0	15.8		ug/L		63	38 - 140	
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	22.2		ug/L		89	60 - 140	



# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33450-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 720-33450-1 MSD**

**Matrix: Water**

**Analysis Batch: 86523**

**Client Sample ID: SB-10**

**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
1,1,2-Trichloroethane	ND		25.0	27.4		ug/L		110	60 - 140	0	20
Dichlorodifluoromethane	ND		25.0	16.0		ug/L		64	38 - 140	1	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	21.8		ug/L		87	60 - 140	2	20
Methylene Chloride	ND		25.0	20.6		ug/L		83	40 - 140	1	20
Chloromethane	ND		25.0	19.9		ug/L		80	52 - 140	0	20
Bromomethane	ND		25.0	23.1		ug/L		92	23 - 140	0	20
Chlorodibromomethane	ND		25.0	27.0		ug/L		108	60 - 140	1	20
1,2,4-Trichlorobenzene	ND		25.0	26.2		ug/L		105	60 - 140	0	20
Chlorobenzene	ND		25.0	25.6		ug/L		102	60 - 140	1	20
1,3-Dichlorobenzene	ND		25.0	25.5		ug/L		102	60 - 140	1	20
trans-1,2-Dichloroethene	ND		25.0	21.5		ug/L		86	60 - 140	1	20
1,1,1,2-Tetrachloroethane	ND		25.0	25.5		ug/L		102	60 - 140	4	20
Chloroethane	ND		25.0	23.5		ug/L		94	51 - 140	1	20
1,1-Dichloroethene	ND		25.0	23.1		ug/L		92	60 - 140	1	20
1,2-Dichlorobenzene	ND		25.0	25.3		ug/L		101	60 - 140	0	20
Trichloroethene	ND		25.0	24.9		ug/L		100	60 - 140	1	20
Trichlorofluoromethane	ND		25.0	20.7		ug/L		83	60 - 140	1	20
trans-1,3-Dichloropropene	ND		25.0	28.0		ug/L		112	60 - 140	2	20
cis-1,2-Dichloroethene	ND		25.0	28.9		ug/L		116	60 - 140	1	20
Chloroform	ND		25.0	24.8		ug/L		99	60 - 140	3	20
Vinyl chloride	ND		25.0	21.2		ug/L		85	58 - 140	2	20
Carbon tetrachloride	ND		25.0	23.3		ug/L		93	60 - 140	1	20
1,4-Dichlorobenzene	ND		25.0	25.4		ug/L		102	60 - 140	1	20
Dichlorobromomethane	ND		25.0	26.7		ug/L		107	60 - 140	2	20

Surrogate	MSD % Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene	100		67 - 130
1,2-Dichloroethane-d4 (Surr)	96		67 - 130
Toluene-d8 (Surr)	102		70 - 130

**Lab Sample ID: MB 720-86538/4**

**Matrix: Water**

**Analysis Batch: 86538**

**Client Sample ID: MB 720-86538/4**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TAME	ND		0.50		ug/L			02/19/11 11:19	1
Ethyl t-butyl ether	ND		0.50		ug/L			02/19/11 11:19	1

Surrogate	MB % Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	99		67 - 130		02/19/11 11:19	1
1,2-Dichloroethane-d4 (Surr)	99		67 - 130		02/19/11 11:19	1
Toluene-d8 (Surr)	100		70 - 130		02/19/11 11:19	1

**Lab Sample ID: LCS 720-86538/5**

**Matrix: Water**

**Analysis Batch: 86538**

**Client Sample ID: LCS 720-86538/5**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
TAME	25.0	26.4		ug/L		106	79 - 129

TestAmerica San Francisco

# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33450-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 720-86538/5**

**Matrix: Water**

**Analysis Batch: 86538**

**Client Sample ID: LCS 720-86538/5**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Ethyl t-butyl ether	25.0	25.7		ug/L		103	70 - 130
<b>Surrogate</b>							
	<b>% Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				
4-Bromofluorobenzene	102		67 - 130				
1,2-Dichloroethane-d4 (Surr)	98		67 - 130				
Toluene-d8 (Surr)	101		70 - 130				

**Lab Sample ID: LCS 720-86538/7**

**Matrix: Water**

**Analysis Batch: 86538**

**Client Sample ID: LCS 720-86538/7**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Gasoline Range Organics (GRO) -C5-C12	500	533		ug/L		107	62 - 117
<b>Surrogate</b>							
	<b>% Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				
4-Bromofluorobenzene	101		67 - 130				
1,2-Dichloroethane-d4 (Surr)	105		67 - 130				
Toluene-d8 (Surr)	101		70 - 130				

**Lab Sample ID: LCSD 720-86538/6**

**Matrix: Water**

**Analysis Batch: 86538**

**Client Sample ID: LCSD 720-86538/6**

**Prep Type: Total/NA**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
TAME	25.0	25.8		ug/L		103	79 - 129	2	20
Ethyl t-butyl ether	25.0	25.2		ug/L		101	70 - 130	2	20
<b>Surrogate</b>									
	<b>% Recovery</b>	<b>Qualifier</b>	<b>Limits</b>						
4-Bromofluorobenzene	102		67 - 130						
1,2-Dichloroethane-d4 (Surr)	96		67 - 130						
Toluene-d8 (Surr)	101		70 - 130						

**Lab Sample ID: LCSD 720-86538/8**

**Matrix: Water**

**Analysis Batch: 86538**

**Client Sample ID: LCSD 720-86538/8**

**Prep Type: Total/NA**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO) -C5-C12	500	499		ug/L		100	62 - 117	7	20
<b>Surrogate</b>									
	<b>% Recovery</b>	<b>Qualifier</b>	<b>Limits</b>						
4-Bromofluorobenzene	103		67 - 130						
1,2-Dichloroethane-d4 (Surr)	102		67 - 130						
Toluene-d8 (Surr)	100		70 - 130						

# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33450-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS

**Lab Sample ID: MB 720-86572/1-A**

**Matrix: Solid**

**Analysis Batch: 86449**

**Client Sample ID: MB 720-86572/1-A**

**Prep Type: Total/NA**

**Prep Batch: 86572**

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	ND		5.0		ug/Kg		02/18/11 08:14	02/18/11 10:48	1
Gasoline Range Organics (GRO) -C5-C12	ND		250		ug/Kg		02/18/11 08:14	02/18/11 10:48	1
Ethylbenzene	ND		5.0		ug/Kg		02/18/11 08:14	02/18/11 10:48	1
Ethanol	ND		500		ug/Kg		02/18/11 08:14	02/18/11 10:48	1
m-Xylene & p-Xylene	ND		5.0		ug/Kg		02/18/11 08:14	02/18/11 10:48	1
MTBE	ND		5.0		ug/Kg		02/18/11 08:14	02/18/11 10:48	1
TAME	ND		5.0		ug/Kg		02/18/11 08:14	02/18/11 10:48	1
Ethyl t-butyl ether	ND		5.0		ug/Kg		02/18/11 08:14	02/18/11 10:48	1
Toluene	ND		5.0		ug/Kg		02/18/11 08:14	02/18/11 10:48	1
EDB	ND		5.0		ug/Kg		02/18/11 08:14	02/18/11 10:48	1
Xylenes, Total	ND		10		ug/Kg		02/18/11 08:14	02/18/11 10:48	1
1,2-DCA	ND		5.0		ug/Kg		02/18/11 08:14	02/18/11 10:48	1
TBA	ND		10		ug/Kg		02/18/11 08:14	02/18/11 10:48	1
DIPE	ND		5.0		ug/Kg		02/18/11 08:14	02/18/11 10:48	1
o-Xylene	ND		5.0		ug/Kg		02/18/11 08:14	02/18/11 10:48	1
Surrogate	MB MB		Limits				Prepared	Analyzed	Dil Fac
	% Recovery	Qualifier							
4-Bromofluorobenzene	102		65 - 117				02/18/11 08:14	02/18/11 10:48	1
1,2-Dichloroethane-d4 (Surr)	114		73 - 140				02/18/11 08:14	02/18/11 10:48	1
Toluene-d8 (Surr)	99		84 - 116				02/18/11 08:14	02/18/11 10:48	1

**Lab Sample ID: LCS 720-86572/2-A**

**Matrix: Solid**

**Analysis Batch: 86449**

**Client Sample ID: LCS 720-86572/2-A**

**Prep Type: Total/NA**

**Prep Batch: 86572**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Ethylbenzene	50.0	49.6		ug/Kg		99	80 - 137
Ethanol	1000	811		ug/Kg		81	49 - 162
m-Xylene & p-Xylene	100	101		ug/Kg		101	79 - 146
MTBE	50.0	62.6		ug/Kg		125	71 - 144
TAME	50.0	68.2		ug/Kg		136	74 - 140
Ethyl t-butyl ether	50.0	63.3		ug/Kg		127	76 - 129
Toluene	50.0	50.9		ug/Kg		102	83 - 128
EDB	50.0	65.2		ug/Kg		130	79 - 140
1,2-DCA	50.0	59.8		ug/Kg		120	78 - 140
TBA	1000	994		ug/Kg		99	76 - 119
DIPE	50.0	59.5		ug/Kg		119	83 - 131
o-Xylene	50.0	52.9		ug/Kg		106	84 - 140
Surrogate	LCS LCS		Limits				
	% Recovery	Qualifier					
4-Bromofluorobenzene	104		65 - 117				
1,2-Dichloroethane-d4 (Surr)	116		73 - 140				
Toluene-d8 (Surr)	102		84 - 116				

# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33450-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

**Lab Sample ID: LCS 720-86572/4-A**

**Matrix: Solid**

**Analysis Batch: 86449**

**Client Sample ID: LCS 720-86572/4-A**

**Prep Type: Total/NA**

**Prep Batch: 86572**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec.	
							Limits	RPD
Gasoline Range Organics (GRO) -C5-C12	1000	1000		ug/Kg		100	68 - 115	
<b>Surrogate</b>		<b>LCS % Recovery</b>	<b>LCS Qualifier</b>				<b>Limits</b>	
4-Bromofluorobenzene		106					65 - 117	
1,2-Dichloroethane-d4 (Surr)		116					73 - 140	
Toluene-d8 (Surr)		102					84 - 116	

**Lab Sample ID: LCSD 720-86572/3-A**

**Matrix: Solid**

**Analysis Batch: 86449**

**Client Sample ID: LCSD 720-86572/3-A**

**Prep Type: Total/NA**

**Prep Batch: 86572**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec.		RPD Limit
							Limits	RPD	
Benzene	50.0	50.5		ug/Kg		101	82 - 124	5	20
Ethylbenzene	50.0	47.4		ug/Kg		95	80 - 137	5	20
Ethanol	1000	816		ug/Kg		82	49 - 162	1	20
m-Xylene & p-Xylene	100	96.8		ug/Kg		97	79 - 146	5	20
MTBE	50.0	61.6		ug/Kg		123	71 - 144	2	20
TAME	50.0	67.2		ug/Kg		134	74 - 140	2	20
Ethyl t-butyl ether	50.0	60.7		ug/Kg		121	76 - 129	4	20
Toluene	50.0	48.7		ug/Kg		97	83 - 128	4	20
EDB	50.0	64.1		ug/Kg		128	79 - 140	2	20
1,2-DCA	50.0	57.1		ug/Kg		114	78 - 140	5	20
TBA	1000	980		ug/Kg		98	76 - 119	1	20
DIPE	50.0	56.2		ug/Kg		112	83 - 131	6	20
o-Xylene	50.0	50.3		ug/Kg		101	84 - 140	5	20
<b>Surrogate</b>		<b>LCSD % Recovery</b>	<b>LCSD Qualifier</b>				<b>Limits</b>		
4-Bromofluorobenzene		102					65 - 117		
1,2-Dichloroethane-d4 (Surr)		114					73 - 140		
Toluene-d8 (Surr)		102					84 - 116		

**Lab Sample ID: LCSD 720-86572/5-A**

**Matrix: Solid**

**Analysis Batch: 86449**

**Client Sample ID: LCSD 720-86572/5-A**

**Prep Type: Total/NA**

**Prep Batch: 86572**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec.		RPD Limit
							Limits	RPD	
Gasoline Range Organics (GRO) -C5-C12	1000	986		ug/Kg		99	68 - 115	2	20
<b>Surrogate</b>		<b>LCSD % Recovery</b>	<b>LCSD Qualifier</b>				<b>Limits</b>		
4-Bromofluorobenzene		106					65 - 117		
1,2-Dichloroethane-d4 (Surr)		117					73 - 140		
Toluene-d8 (Surr)		102					84 - 116		



# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33450-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

**Lab Sample ID: MB 720-86773/1-A**

**Matrix: Solid**

**Analysis Batch: 86535**

**Client Sample ID: MB 720-86773/1-A**

**Prep Type: Total/NA**

**Prep Batch: 86773**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO) -C5-C12	ND		25000		ug/Kg		02/19/11 09:00	02/19/11 19:41	100
Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac			
	% Recovery	Qualifier							
4-Bromofluorobenzene	103		66 - 148	02/19/11 09:00	02/19/11 19:41	100			
1,2-Dichloroethane-d4 (Surr)	101		62 - 137	02/19/11 09:00	02/19/11 19:41	100			
Toluene-d8 (Surr)	101		65 - 141	02/19/11 09:00	02/19/11 19:41	100			

**Lab Sample ID: LCS 720-86773/4-A**

**Matrix: Solid**

**Analysis Batch: 86613**

**Client Sample ID: LCS 720-86773/4-A**

**Prep Type: Total/NA**

**Prep Batch: 86773**

Analyte	Spike Added	LCS	LCS	Unit	D	% Rec	% Rec. Limits
		Result	Qualifier				
Gasoline Range Organics (GRO) -C5-C12	100000	78900		ug/Kg		79	70 - 130
Surrogate	LCS	LCS	Limits				
	% Recovery	Qualifier					
4-Bromofluorobenzene	102		66 - 148				
1,2-Dichloroethane-d4 (Surr)	105		62 - 137				
Toluene-d8 (Surr)	103		65 - 141				

**Lab Sample ID: LCSD 720-86773/5-A**

**Matrix: Solid**

**Analysis Batch: 86613**

**Client Sample ID: LCSD 720-86773/5-A**

**Prep Type: Total/NA**

**Prep Batch: 86773**

Analyte	Spike Added	LCSD	LCSD	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
		Result	Qualifier						
Gasoline Range Organics (GRO) -C5-C12	100000	77700		ug/Kg		78	70 - 130	2	20
Surrogate	LCSD	LCSD	Limits						
	% Recovery	Qualifier							
4-Bromofluorobenzene	101		66 - 148						
1,2-Dichloroethane-d4 (Surr)	102		62 - 137						
Toluene-d8 (Surr)	103		65 - 141						

## Method: 8015B - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

**Lab Sample ID: MB 720-86502/1-A**

**Matrix: Solid**

**Analysis Batch: 86546**

**Client Sample ID: MB 720-86502/1-A**

**Prep Type: Total/NA**

**Prep Batch: 86502**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Diesel Range Organics [C10-C28]	ND		1.0		mg/Kg		02/18/11 14:29	02/23/11 03:11	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		02/18/11 14:29	02/23/11 03:11	1
Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac			
	% Recovery	Qualifier							
p-Terphenyl	137	X	31 - 114	02/18/11 14:29	02/23/11 03:11	1			

# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33450-1

## Method: 8015B - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics) (Continued)

**Lab Sample ID: LCS 720-86502/2-A**  
**Matrix: Solid**  
**Analysis Batch: 86546**

**Client Sample ID: LCS 720-86502/2-A**  
**Prep Type: Total/NA**  
**Prep Batch: 86502**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Diesel Range Organics [C10-C28]	82.3	84.5		mg/Kg		103	59 - 134
<b>Surrogate</b>	<b>% Recovery</b>	<b>LCS Qualifier</b>	<b>Limits</b>				
<i>p</i> -Terphenyl	108		31 - 114				

**Lab Sample ID: LCSD 720-86502/3-A**  
**Matrix: Solid**  
**Analysis Batch: 86546**

**Client Sample ID: LCSD 720-86502/3-A**  
**Prep Type: Total/NA**  
**Prep Batch: 86502**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	82.7	83.7		mg/Kg		101	59 - 134	1	35
<b>Surrogate</b>	<b>% Recovery</b>	<b>LCSD Qualifier</b>	<b>Limits</b>						
<i>p</i> -Terphenyl	103		31 - 114						

**Lab Sample ID: 720-33450-3 MS**  
**Matrix: Water**  
**Analysis Batch: 86546**

**Client Sample ID: SB-11**  
**Prep Type: Total/NA**  
**Prep Batch: 86502**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Diesel Range Organics [C10-C28]	8700		82.1	8410	4	mg/Kg		-308	50 - 130
<b>Surrogate</b>	<b>% Recovery</b>	<b>MS Qualifier</b>	<b>Limits</b>						
<i>p</i> -Terphenyl	0	D	31 - 114						

**Lab Sample ID: 720-33450-3 MSD**  
**Matrix: Water**  
**Analysis Batch: 86546**

**Client Sample ID: SB-11**  
**Prep Type: Total/NA**  
**Prep Batch: 86502**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	8700		83.2	7410	4	mg/Kg		-1505	50 - 130	13	30
<b>Surrogate</b>	<b>% Recovery</b>	<b>MSD Qualifier</b>	<b>Limits</b>								
<i>p</i> -Terphenyl	0	D	31 - 114								

**Lab Sample ID: MB 720-86540/1-A**  
**Matrix: Water**  
**Analysis Batch: 86545**

**Client Sample ID: MB 720-86540/1-A**  
**Prep Type: Total/NA**  
**Prep Batch: 86540**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		50		ug/L		02/19/11 10:22	02/22/11 09:42	1
Motor Oil Range Organics [C24-C36]	ND		99		ug/L		02/19/11 10:22	02/22/11 09:42	1
<b>Surrogate</b>	<b>% Recovery</b>	<b>MB Qualifier</b>	<b>Limits</b>	<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>			
<i>p</i> -Terphenyl	105		23 - 156	02/19/11 10:22	02/22/11 09:42	1			

TestAmerica San Francisco

# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33450-1

## Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

**Lab Sample ID: LCS 720-86540/2-A**

**Matrix: Water**

**Analysis Batch: 86545**

**Client Sample ID: LCS 720-86540/2-A**

**Prep Type: Total/NA**

**Prep Batch: 86540**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec.	
							Limits	
Diesel Range Organics [C10-C28]	2500	1820		ug/L		73	40 - 150	
Surrogate		LCS % Recovery	LCS Qualifier	Limits				
p-Terphenyl		109		23 - 156				

**Lab Sample ID: LCSD 720-86540/3-A**

**Matrix: Water**

**Analysis Batch: 86545**

**Client Sample ID: LCSD 720-86540/3-A**

**Prep Type: Total/NA**

**Prep Batch: 86540**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec.		RPD
							Limits	RPD	Limit
Diesel Range Organics [C10-C28]	2500	1860		ug/L		75	40 - 150	2	35
Surrogate		LCSD % Recovery	LCSD Qualifier	Limits					
p-Terphenyl		112		23 - 156					

## Method: 6010B - Metals (ICP)

**Lab Sample ID: MB 720-86557/1-A**

**Matrix: Water**

**Analysis Batch: 86616**

**Client Sample ID: MB 720-86557/1-A**

**Prep Type: Total/NA**

**Prep Batch: 86557**

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	ND		0.010		mg/L		02/22/11 09:11	02/22/11 16:02	1
Arsenic	ND		0.010		mg/L		02/22/11 09:11	02/22/11 16:02	1
Barium	ND		0.0050		mg/L		02/22/11 09:11	02/22/11 16:02	1
Beryllium	ND		0.0020		mg/L		02/22/11 09:11	02/22/11 16:02	1
Cadmium	ND		0.0025		mg/L		02/22/11 09:11	02/22/11 16:02	1
Chromium	ND		0.010		mg/L		02/22/11 09:11	02/22/11 16:02	1
Cobalt	ND		0.0020		mg/L		02/22/11 09:11	02/22/11 16:02	1
Copper	ND		0.020		mg/L		02/22/11 09:11	02/22/11 16:02	1
Lead	ND		0.0050		mg/L		02/22/11 09:11	02/22/11 16:02	1
Molybdenum	ND		0.010		mg/L		02/22/11 09:11	02/22/11 16:02	1
Nickel	ND		0.010		mg/L		02/22/11 09:11	02/22/11 16:02	1
Selenium	ND		0.020		mg/L		02/22/11 09:11	02/22/11 16:02	1
Silver	ND		0.0050		mg/L		02/22/11 09:11	02/22/11 16:02	1
Thallium	ND		0.010		mg/L		02/22/11 09:11	02/22/11 16:02	1
Vanadium	ND		0.010		mg/L		02/22/11 09:11	02/22/11 16:02	1
Zinc	ND		0.020		mg/L		02/22/11 09:11	02/22/11 16:02	1

**Lab Sample ID: LCS 720-86557/2-A**

**Matrix: Water**

**Analysis Batch: 86616**

**Client Sample ID: LCS 720-86557/2-A**

**Prep Type: Total/NA**

**Prep Batch: 86557**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec.	
							Limits	
Antimony	1.00	0.958		mg/L		96	80 - 120	
Arsenic	1.00	0.893		mg/L		89	80 - 120	
Barium	1.00	0.967		mg/L		97	80 - 120	
Beryllium	1.00	0.975		mg/L		97	80 - 120	

TestAmerica San Francisco

# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33450-1

## Method: 6010B - Metals (ICP) (Continued)

**Lab Sample ID: LCS 720-86557/2-A**  
**Matrix: Water**  
**Analysis Batch: 86616**

**Client Sample ID: LCS 720-86557/2-A**  
**Prep Type: Total/NA**  
**Prep Batch: 86557**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec.	
							Limits	
Cadmium	1.00	0.957		mg/L		96	80 - 120	
Chromium	1.00	0.978		mg/L		98	80 - 120	
Cobalt	1.00	0.978		mg/L		98	80 - 120	
Copper	1.00	0.980		mg/L		98	80 - 120	
Lead	1.00	0.990		mg/L		99	80 - 120	
Molybdenum	1.00	1.00		mg/L		100	80 - 120	
Nickel	1.00	0.973		mg/L		97	80 - 120	
Selenium	1.00	0.933		mg/L		93	80 - 120	
Silver	0.500	0.494		mg/L		99	80 - 120	
Thallium	1.00	0.978		mg/L		98	80 - 120	
Vanadium	1.00	0.980		mg/L		98	80 - 120	
Zinc	1.00	0.968		mg/L		97	80 - 120	

**Lab Sample ID: LCSD 720-86557/3-A**  
**Matrix: Water**  
**Analysis Batch: 86616**

**Client Sample ID: LCSD 720-86557/3-A**  
**Prep Type: Total/NA**  
**Prep Batch: 86557**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec.		RPD	
							Limits	RPD	Limit	
Antimony	1.00	0.977		mg/L		98	80 - 120	2	20	
Arsenic	1.00	0.907		mg/L		91	80 - 120	2	20	
Barium	1.00	0.988		mg/L		99	80 - 120	2	20	
Beryllium	1.00	0.992		mg/L		99	80 - 120	2	20	
Cadmium	1.00	0.965		mg/L		97	80 - 120	1	20	
Chromium	1.00	0.983		mg/L		98	80 - 120	1	20	
Cobalt	1.00	0.997		mg/L		100	80 - 120	2	20	
Copper	1.00	0.986		mg/L		99	80 - 120	1	20	
Lead	1.00	1.00		mg/L		100	80 - 120	1	20	
Molybdenum	1.00	1.02		mg/L		102	80 - 120	2	20	
Nickel	1.00	0.984		mg/L		98	80 - 120	1	20	
Selenium	1.00	0.950		mg/L		95	80 - 120	2	20	
Silver	0.500	0.505		mg/L		101	80 - 120	2	20	
Thallium	1.00	0.993		mg/L		99	80 - 120	1	20	
Vanadium	1.00	1.00		mg/L		100	80 - 120	2	20	
Zinc	1.00	0.986		mg/L		99	80 - 120	2	20	

**Lab Sample ID: 720-33450-1 MS**  
**Matrix: Water**  
**Analysis Batch: 86616**

**Client Sample ID: SB-10**  
**Prep Type: Total/NA**  
**Prep Batch: 86557**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec.	
									Limits	
Antimony	ND		1.00	0.953		mg/L		95	75 - 125	
Arsenic	ND		1.00	0.914		mg/L		91	75 - 125	
Barium	0.46		1.00	1.40		mg/L		94	75 - 125	
Beryllium	0.0029		1.00	0.968		mg/L		97	75 - 125	
Cadmium	ND		1.00	0.935		mg/L		93	75 - 125	
Chromium	ND		1.00	0.955		mg/L		95	75 - 125	
Cobalt	0.0040		1.00	0.945		mg/L		94	75 - 125	
Copper	ND		1.00	0.955		mg/L		96	75 - 125	
Lead	ND		1.00	0.947		mg/L		94	75 - 125	
Molybdenum	0.014		1.00	1.00		mg/L		99	75 - 125	

# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33450-1

## Method: 6010B - Metals (ICP) (Continued)

**Lab Sample ID: 720-33450-1 MS**  
**Matrix: Water**  
**Analysis Batch: 86616**

**Client Sample ID: SB-10**  
**Prep Type: Total/NA**  
**Prep Batch: 86557**

Analyte	Sample	Sample	Spike	MS		Unit	D	% Rec	% Rec.	
	Result	Qualifier		Result	Qualifier				Limits	
Nickel	0.011		1.00	0.940		mg/L		93	75 - 125	
Selenium	ND		1.00	0.943		mg/L		94	75 - 125	
Silver	ND		0.500	0.498		mg/L		100	75 - 125	
Thallium	ND		1.00	0.921		mg/L		92	75 - 125	
Vanadium	ND		1.00	0.990		mg/L		99	75 - 125	
Zinc	0.022		1.00	0.971		mg/L		95	75 - 125	

**Lab Sample ID: 720-33450-1 MSD**  
**Matrix: Water**  
**Analysis Batch: 86616**

**Client Sample ID: SB-10**  
**Prep Type: Total/NA**  
**Prep Batch: 86557**

Analyte	Sample	Sample	Spike	MSD		Unit	D	% Rec	% Rec.		RPD
	Result	Qualifier		Result	Qualifier				Limits	RPD	Limit
Antimony	ND		1.00	0.958		mg/L		96	75 - 125	1	25
Arsenic	ND		1.00	0.905		mg/L		90	75 - 125	1	25
Barium	0.46		1.00	1.40		mg/L		94	75 - 125	0	25
Beryllium	0.0029		1.00	0.970		mg/L		97	75 - 125	0	25
Cadmium	ND		1.00	0.927		mg/L		93	75 - 125	1	25
Chromium	ND		1.00	0.952		mg/L		95	75 - 125	0	25
Cobalt	0.0040		1.00	0.941		mg/L		94	75 - 125	0	25
Copper	ND		1.00	0.949		mg/L		95	75 - 125	1	25
Lead	ND		1.00	0.938		mg/L		93	75 - 125	1	25
Molybdenum	0.014		1.00	1.00		mg/L		99	75 - 125	0	25
Nickel	0.011		1.00	0.933		mg/L		92	75 - 125	1	25
Selenium	ND		1.00	0.936		mg/L		94	75 - 125	1	25
Silver	ND		0.500	0.494		mg/L		99	75 - 125	1	25
Thallium	ND		1.00	0.914		mg/L		91	75 - 125	1	25
Vanadium	ND		1.00	0.987		mg/L		98	75 - 125	0	25
Zinc	0.022		1.00	0.972		mg/L		95	75 - 125	0	25

**Lab Sample ID: MB 720-86614/1-A**  
**Matrix: Solid**  
**Analysis Batch: 86683**

**Client Sample ID: MB 720-86614/1-A**  
**Prep Type: Total/NA**  
**Prep Batch: 86614**

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	ND		0.50		mg/Kg		02/22/11 16:31	02/23/11 11:27	1
Arsenic	ND		1.0		mg/Kg		02/22/11 16:31	02/23/11 11:27	1
Barium	ND		0.50		mg/Kg		02/22/11 16:31	02/23/11 11:27	1
Beryllium	ND		0.10		mg/Kg		02/22/11 16:31	02/23/11 11:27	1
Cadmium	ND		0.12		mg/Kg		02/22/11 16:31	02/23/11 11:27	1
Chromium	ND		0.50		mg/Kg		02/22/11 16:31	02/23/11 11:27	1
Cobalt	ND		0.20		mg/Kg		02/22/11 16:31	02/23/11 11:27	1
Copper	ND		1.5		mg/Kg		02/22/11 16:31	02/23/11 11:27	1
Lead	ND		0.50		mg/Kg		02/22/11 16:31	02/23/11 11:27	1
Molybdenum	ND		0.50		mg/Kg		02/22/11 16:31	02/23/11 11:27	1
Nickel	ND		0.50		mg/Kg		02/22/11 16:31	02/23/11 11:27	1
Selenium	ND		1.0		mg/Kg		02/22/11 16:31	02/23/11 11:27	1
Silver	ND		0.25		mg/Kg		02/22/11 16:31	02/23/11 11:27	1
Thallium	ND		0.50		mg/Kg		02/22/11 16:31	02/23/11 11:27	1
Vanadium	ND		0.50		mg/Kg		02/22/11 16:31	02/23/11 11:27	1
Zinc	ND		1.5		mg/Kg		02/22/11 16:31	02/23/11 11:27	1

# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33450-1

## Method: 6010B - Metals (ICP) (Continued)

**Lab Sample ID: LCS 720-86614/2-A**

**Matrix: Solid**

**Analysis Batch: 86683**

**Client Sample ID: LCS 720-86614/2-A**

**Prep Type: Total/NA**

**Prep Batch: 86614**

Analyte	Spike	LCS	LCS	Unit	D	% Rec	% Rec.	Limits
	Added	Result	Qualifier					
Antimony	50.0	46.9		mg/Kg		94	80 - 120	
Arsenic	50.0	45.4		mg/Kg		91	80 - 120	
Barium	50.0	47.3		mg/Kg		95	80 - 120	
Beryllium	50.0	48.5		mg/Kg		97	80 - 120	
Cadmium	50.0	47.4		mg/Kg		95	80 - 120	
Chromium	50.0	47.4		mg/Kg		95	80 - 120	
Cobalt	50.0	48.8		mg/Kg		98	80 - 120	
Copper	50.0	50.3		mg/Kg		101	80 - 120	
Lead	50.0	50.0		mg/Kg		100	80 - 120	
Molybdenum	50.0	51.3		mg/Kg		103	80 - 120	
Nickel	50.0	50.1		mg/Kg		100	80 - 120	
Selenium	50.0	48.2		mg/Kg		96	80 - 120	
Silver	25.0	24.2		mg/Kg		97	80 - 120	
Thallium	50.0	50.3		mg/Kg		101	80 - 120	
Vanadium	50.0	49.3		mg/Kg		99	80 - 120	
Zinc	50.0	48.2		mg/Kg		96	80 - 120	

**Lab Sample ID: LCSD 720-86614/3-A**

**Matrix: Solid**

**Analysis Batch: 86683**

**Client Sample ID: LCSD 720-86614/3-A**

**Prep Type: Total/NA**

**Prep Batch: 86614**

Analyte	Spike	LCSD	LCSD	Unit	D	% Rec	% Rec.	Limits	RPD	
	Added	Result	Qualifier						RPD	Limit
Antimony	50.0	47.3		mg/Kg		95	80 - 120	1	20	
Arsenic	50.0	45.6		mg/Kg		91	80 - 120	0	20	
Barium	50.0	47.9		mg/Kg		96	80 - 120	1	20	
Beryllium	50.0	49.2		mg/Kg		98	80 - 120	1	20	
Cadmium	50.0	47.5		mg/Kg		95	80 - 120	0	20	
Chromium	50.0	47.7		mg/Kg		95	80 - 120	1	20	
Cobalt	50.0	48.9		mg/Kg		98	80 - 120	0	20	
Copper	50.0	50.7		mg/Kg		101	80 - 120	1	20	
Lead	50.0	50.1		mg/Kg		100	80 - 120	0	20	
Molybdenum	50.0	51.8		mg/Kg		104	80 - 120	1	20	
Nickel	50.0	50.4		mg/Kg		101	80 - 120	1	20	
Selenium	50.0	48.3		mg/Kg		97	80 - 120	0	20	
Silver	25.0	24.4		mg/Kg		98	80 - 120	1	20	
Thallium	50.0	50.5		mg/Kg		101	80 - 120	0	20	
Vanadium	50.0	49.8		mg/Kg		100	80 - 120	1	20	
Zinc	50.0	48.3		mg/Kg		97	80 - 120	0	20	

**Lab Sample ID: LCSSRM 720-86614/25-A**

**Matrix: Solid**

**Analysis Batch: 86683**

**Client Sample ID: LCSSRM 720-86614/25-A**

**Prep Type: Total/NA**

**Prep Batch: 86614**

Analyte	Spike	LCSSRM	LCSSRM	Unit	D	% Rec	% Rec.	Limits
	Added	Result	Qualifier					
Antimony	105	66.4		mg/Kg		63	11 - 101	
Arsenic	79.4	67.3		mg/Kg		85	69 - 119	
Barium	391	332		mg/Kg		85	61 - 117	
Beryllium	304	273		mg/Kg		90	56 - 102	
Cadmium	48.3	41.3		mg/Kg		85	67 - 118	
Chromium	171	149		mg/Kg		87	67 - 121	

# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33450-1

## Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCSSRM 720-86614/25-A  
Matrix: Solid  
Analysis Batch: 86683

Client Sample ID: LCSSRM 720-86614/25-A  
Prep Type: Total/NA  
Prep Batch: 86614

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	% Rec	% Rec.	
							Limits	
Cobalt	59.2	52.3		mg/Kg		88	64 - 133	
Copper	327	296		mg/Kg		91	68 - 126	
Lead	181	155		mg/Kg		86	62 - 113	
Molybdenum	156	149		mg/Kg		96	62 - 128	
Nickel	76.0	65.9		mg/Kg		87	65 - 117	
Selenium	76.9	65.1		mg/Kg		85	63 - 126	
Silver	29.1	26.8		mg/Kg		92	51 - 130	
Thallium	192	163		mg/Kg		85	64 - 124	
Vanadium	213	195		mg/Kg		91	67 - 123	
Zinc	256	221		mg/Kg		86	62 - 110	

## Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 720-86552/1-A  
Matrix: Water  
Analysis Batch: 86583

Client Sample ID: MB 720-86552/1-A  
Prep Type: Total/NA  
Prep Batch: 86552

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	ND		0.00020		mg/L		02/22/11 08:13	02/22/11 11:47	1

Lab Sample ID: LCS 720-86552/2-A  
Matrix: Water  
Analysis Batch: 86583

Client Sample ID: LCS 720-86552/2-A  
Prep Type: Total/NA  
Prep Batch: 86552

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec.	
							Limits	
Mercury	0.0100	0.00940		mg/L		94	80 - 120	

Lab Sample ID: LCSD 720-86552/3-A  
Matrix: Water  
Analysis Batch: 86583

Client Sample ID: LCSD 720-86552/3-A  
Prep Type: Total/NA  
Prep Batch: 86552

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec.		RPD
							Limits	RPD	Limit
Mercury	0.0100	0.00928		mg/L		93	80 - 120	1	20

## Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 720-86571/1-A  
Matrix: Solid  
Analysis Batch: 86627

Client Sample ID: MB 720-86571/1-A  
Prep Type: Total/NA  
Prep Batch: 86571

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	ND		0.010		mg/Kg		02/22/11 11:04	02/22/11 17:12	1

Lab Sample ID: LCS 720-86571/2-A  
Matrix: Solid  
Analysis Batch: 86627

Client Sample ID: LCS 720-86571/2-A  
Prep Type: Total/NA  
Prep Batch: 86571

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec.	
							Limits	
Mercury	0.833	0.829		mg/Kg		100	80 - 120	

# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33450-1

## Method: 7471A - Mercury (CVAA) (Continued)

Lab Sample ID: LCSD 720-86571/3-A  
Matrix: Solid  
Analysis Batch: 86627

Client Sample ID: LCSD 720-86571/3-A  
Prep Type: Total/NA  
Prep Batch: 86571

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec.		RPD Limit
							Limits	RPD	
Mercury	0.833	0.858		mg/Kg		103	80 - 120	3	20

## Method: 1664A - HEM and SGT-HEM

Lab Sample ID: MB 500-106163/1-A  
Matrix: Water  
Analysis Batch: 106164

Client Sample ID: MB 500-106163/1-A  
Prep Type: Total/NA  
Prep Batch: 106163

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

Lab Sample ID: LCS 500-106163/2-A  
Matrix: Water  
Analysis Batch: 106164

Client Sample ID: LCS 500-106163/2-A  
Prep Type: Total/NA  
Prep Batch: 106163

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec.	
							Limits	
HEM (Oil & Grease)	40.0	35.9		mg/L		90	78 - 114	

Lab Sample ID: LCSD 500-106163/3-A  
Matrix: Water  
Analysis Batch: 106164

Client Sample ID: LCSD 500-106163/3-A  
Prep Type: Total/NA  
Prep Batch: 106163

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec.		RPD Limit
							Limits	RPD	
HEM (Oil & Grease)	40.0	38.4		mg/L		96	78 - 114	7	18

## Method: 9071B - HEM

Lab Sample ID: MB 500-105966/1-A  
Matrix: Solid  
Analysis Batch: 105971

Client Sample ID: MB 500-105966/1-A  
Prep Type: Total/NA  
Prep Batch: 105966

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

Lab Sample ID: LCS 500-105966/2-A  
Matrix: Solid  
Analysis Batch: 105971

Client Sample ID: LCS 500-105966/2-A  
Prep Type: Total/NA  
Prep Batch: 105966

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec.	
							Limits	
HEM (Oil & Grease)	4000	4240		mg/Kg		106	80 - 120	

Lab Sample ID: 720-33450-4 MS  
Matrix: Solid  
Analysis Batch: 105971

Client Sample ID: SB-12  
Prep Type: Total/NA  
Prep Batch: 105966

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec.	
									Limits	
HEM (Oil & Grease)	940		3950	5200		mg/Kg		108	75 - 125	



# Quality Control Data

Client: ACC Environmental Consultants  
 Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33450-1

## Method: 9071B - HEM (Continued)

Lab Sample ID: 720-33450-4 MSD

Matrix: Solid

Analysis Batch: 105971

Client Sample ID: SB-12

Prep Type: Total/NA

Prep Batch: 105966

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	% Rec	% Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD	
HEM (Oil & Grease)	940		3950	4200	F	mg/Kg		83	75 - 125	21	20

- 1
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- 14

# QC Association Summary

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33450-1

## GC/MS VOA

### Analysis Batch: 86449

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86572/1-A	MB 720-86572/1-A	Total/NA	Solid	8260B/CA_LUF TMS	86572
720-33450-3	SB-11	Total/NA	Solid	8260B/CA_LUF TMS	86572
720-33450-4	SB-12	Total/NA	Solid	8260B/CA_LUF TMS	86572
720-33450-5	SB-13	Total/NA	Solid	8260B/CA_LUF TMS	86572
720-33450-6	SB-14	Total/NA	Solid	8260B/CA_LUF TMS	86572
LCS 720-86572/2-A	LCS 720-86572/2-A	Total/NA	Solid	8260B/CA_LUF TMS	86572
LCSD 720-86572/3-A	LCSD 720-86572/3-A	Total/NA	Solid	8260B/CA_LUF TMS	86572
LCS 720-86572/4-A	LCS 720-86572/4-A	Total/NA	Solid	8260B/CA_LUF TMS	86572
LCSD 720-86572/5-A	LCSD 720-86572/5-A	Total/NA	Solid	8260B/CA_LUF TMS	86572

### Analysis Batch: 86523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 720-86523/10	LCSD 720-86523/10	Total/NA	Water	8260B	
720-33450-1	SB-10	Total/NA	Water	8260B	
720-33450-1 MS	SB-10	Total/NA	Water	8260B	
720-33450-1 MSD	SB-10	Total/NA	Water	8260B	
720-33450-2	SB-11	Total/NA	Water	8260B	
MB 720-86523/5	MB 720-86523/5	Total/NA	Water	8260B	
LCS 720-86523/7	LCS 720-86523/7	Total/NA	Water	8260B	
LCSD 720-86523/8	LCSD 720-86523/8	Total/NA	Water	8260B	
LCS 720-86523/9	LCS 720-86523/9	Total/NA	Water	8260B	

### Analysis Batch: 86535

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86773/1-A	MB 720-86773/1-A	Total/NA	Solid	8260B/CA_LUF TMS	86773

### Analysis Batch: 86536

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33450-3	SB-11	Total/NA	Solid	8260B/CA_LUF TMS	86773

### Analysis Batch: 86538

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33450-1	SB-10	Total/NA	Water	8260B	
720-33450-2	SB-11	Total/NA	Water	8260B	
MB 720-86538/4	MB 720-86538/4	Total/NA	Water	8260B	
LCS 720-86538/5	LCS 720-86538/5	Total/NA	Water	8260B	
LCSD 720-86538/6	LCSD 720-86538/6	Total/NA	Water	8260B	
LCS 720-86538/7	LCS 720-86538/7	Total/NA	Water	8260B	
LCSD 720-86538/8	LCSD 720-86538/8	Total/NA	Water	8260B	

### Prep Batch: 86572

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86572/1-A	MB 720-86572/1-A	Total/NA	Solid	5035	
720-33450-3	SB-11	Total/NA	Solid	5035	
720-33450-4	SB-12	Total/NA	Solid	5035	
720-33450-5	SB-13	Total/NA	Solid	5035	

# QC Association Summary

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33450-1

## GC/MS VOA (Continued)

### Prep Batch: 86572 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33450-6	SB-14	Total/NA	Solid	5035	
LCS 720-86572/2-A	LCS 720-86572/2-A	Total/NA	Solid	5035	
LCSD 720-86572/3-A	LCSD 720-86572/3-A	Total/NA	Solid	5035	
LCS 720-86572/4-A	LCS 720-86572/4-A	Total/NA	Solid	5035	
LCSD 720-86572/5-A	LCSD 720-86572/5-A	Total/NA	Solid	5035	

### Analysis Batch: 86613

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-86773/4-A	LCS 720-86773/4-A	Total/NA	Solid	8260B/CA_LUF TMS	86773
LCSD 720-86773/5-A	LCSD 720-86773/5-A	Total/NA	Solid	8260B/CA_LUF TMS	86773

### Prep Batch: 86773

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86773/1-A	MB 720-86773/1-A	Total/NA	Solid	5035	
LCS 720-86773/4-A	LCS 720-86773/4-A	Total/NA	Solid	5035	
LCSD 720-86773/5-A	LCSD 720-86773/5-A	Total/NA	Solid	5035	
720-33450-3	SB-11	Total/NA	Solid	5035	

## GC Semi VOA

### Prep Batch: 86502

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86502/1-A	MB 720-86502/1-A	Total/NA	Solid	3550B	
LCS 720-86502/2-A	LCS 720-86502/2-A	Total/NA	Solid	3550B	
LCSD 720-86502/3-A	LCSD 720-86502/3-A	Total/NA	Solid	3550B	
720-33450-3	SB-11	Total/NA	Solid	3550B	
720-33450-3 MS	SB-11	Total/NA	Water	3550B	
720-33450-3 MSD	SB-11	Total/NA	Water	3550B	
720-33450-4	SB-12	Total/NA	Solid	3550B	
720-33450-5	SB-13	Total/NA	Solid	3550B	
720-33450-6	SB-14	Total/NA	Solid	3550B	

### Prep Batch: 86540

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86540/1-A	MB 720-86540/1-A	Total/NA	Water	3510C	
LCS 720-86540/2-A	LCS 720-86540/2-A	Total/NA	Water	3510C	
720-33450-1	SB-10	Total/NA	Water	3510C	
720-33450-2	SB-11	Total/NA	Water	3510C	
LCSD 720-86540/3-A	LCSD 720-86540/3-A	Total/NA	Water	3510C	

### Analysis Batch: 86545

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33450-1	SB-10	Total/NA	Water	8015B	86540
MB 720-86540/1-A	MB 720-86540/1-A	Total/NA	Water	8015B	86540
LCS 720-86540/2-A	LCS 720-86540/2-A	Total/NA	Water	8015B	86540
LCSD 720-86540/3-A	LCSD 720-86540/3-A	Total/NA	Water	8015B	86540

### Analysis Batch: 86546

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33450-3	SB-11	Total/NA	Solid	8015B	86502
720-33450-3 MS	SB-11	Total/NA	Water	8015B	86502

# QC Association Summary

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33450-1

## GC Semi VOA (Continued)

### Analysis Batch: 86546 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33450-3 MSD	SB-11	Total/NA	Water	8015B	86502
720-33450-4	SB-12	Total/NA	Solid	8015B	86502
720-33450-5	SB-13	Total/NA	Solid	8015B	86502
720-33450-6	SB-14	Total/NA	Solid	8015B	86502
LCS 720-86502/2-A	LCS 720-86502/2-A	Total/NA	Solid	8015B	86502
LCSD 720-86502/3-A	LCSD 720-86502/3-A	Total/NA	Solid	8015B	86502
MB 720-86502/1-A	MB 720-86502/1-A	Total/NA	Solid	8015B	86502

### Analysis Batch: 86639

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33450-2	SB-11	Total/NA	Water	8015B	86540

## Metals

### Prep Batch: 86552

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86552/1-A	MB 720-86552/1-A	Total/NA	Water	7470A	
720-33450-1	SB-10	Total/NA	Water	7470A	
720-33450-2	SB-11	Total/NA	Water	7470A	
LCS 720-86552/2-A	LCS 720-86552/2-A	Total/NA	Water	7470A	
LCSD 720-86552/3-A	LCSD 720-86552/3-A	Total/NA	Water	7470A	

### Prep Batch: 86557

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86557/1-A	MB 720-86557/1-A	Total/NA	Water	3010A	
LCS 720-86557/2-A	LCS 720-86557/2-A	Total/NA	Water	3010A	
LCSD 720-86557/3-A	LCSD 720-86557/3-A	Total/NA	Water	3010A	
720-33450-1	SB-10	Total/NA	Water	3010A	
720-33450-1 MS	SB-10	Total/NA	Water	3010A	
720-33450-1 MSD	SB-10	Total/NA	Water	3010A	
720-33450-2	SB-11	Total/NA	Water	3010A	

### Prep Batch: 86571

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86571/1-A	MB 720-86571/1-A	Total/NA	Solid	7471A	
720-33450-3	SB-11	Total/NA	Solid	7471A	
720-33450-4	SB-12	Total/NA	Solid	7471A	
720-33450-5	SB-13	Total/NA	Solid	7471A	
720-33450-6	SB-14	Total/NA	Solid	7471A	
LCS 720-86571/2-A	LCS 720-86571/2-A	Total/NA	Solid	7471A	
LCSD 720-86571/3-A	LCSD 720-86571/3-A	Total/NA	Solid	7471A	

### Analysis Batch: 86583

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86552/1-A	MB 720-86552/1-A	Total/NA	Water	7470A	86552
LCS 720-86552/2-A	LCS 720-86552/2-A	Total/NA	Water	7470A	86552
LCSD 720-86552/3-A	LCSD 720-86552/3-A	Total/NA	Water	7470A	86552

### Analysis Batch: 86597

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33450-1	SB-10	Total/NA	Water	7470A	86552
720-33450-2	SB-11	Total/NA	Water	7470A	86552

# QC Association Summary

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33450-1

## Metals (Continued)

### Prep Batch: 86614

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86614/1-A	MB 720-86614/1-A	Total/NA	Solid	3050B	
720-33450-3	SB-11	Total/NA	Solid	3050B	
720-33450-4	SB-12	Total/NA	Solid	3050B	
720-33450-5	SB-13	Total/NA	Solid	3050B	
720-33450-6	SB-14	Total/NA	Solid	3050B	
LCS 720-86614/2-A	LCS 720-86614/2-A	Total/NA	Solid	3050B	
LCSSRM 720-86614/25-A	LCSSRM 720-86614/25-A	Total/NA	Solid	3050B	
LCSD 720-86614/3-A	LCSD 720-86614/3-A	Total/NA	Solid	3050B	

### Analysis Batch: 86616

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86557/1-A	MB 720-86557/1-A	Total/NA	Water	6010B	86557
LCS 720-86557/2-A	LCS 720-86557/2-A	Total/NA	Water	6010B	86557
LCSD 720-86557/3-A	LCSD 720-86557/3-A	Total/NA	Water	6010B	86557
720-33450-1	SB-10	Total/NA	Water	6010B	86557
720-33450-1 MS	SB-10	Total/NA	Water	6010B	86557
720-33450-1 MSD	SB-10	Total/NA	Water	6010B	86557

### Analysis Batch: 86627

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33450-3	SB-11	Total/NA	Solid	7471A	86571
720-33450-4	SB-12	Total/NA	Solid	7471A	86571
720-33450-5	SB-13	Total/NA	Solid	7471A	86571
720-33450-6	SB-14	Total/NA	Solid	7471A	86571
MB 720-86571/1-A	MB 720-86571/1-A	Total/NA	Solid	7471A	86571
LCS 720-86571/2-A	LCS 720-86571/2-A	Total/NA	Solid	7471A	86571
LCSD 720-86571/3-A	LCSD 720-86571/3-A	Total/NA	Solid	7471A	86571

### Analysis Batch: 86628

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33450-2	SB-11	Total/NA	Water	6010B	86557

### Analysis Batch: 86683

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86614/1-A	MB 720-86614/1-A	Total/NA	Solid	6010B	86614
720-33450-3	SB-11	Total/NA	Solid	6010B	86614
720-33450-4	SB-12	Total/NA	Solid	6010B	86614
720-33450-5	SB-13	Total/NA	Solid	6010B	86614
720-33450-6	SB-14	Total/NA	Solid	6010B	86614
LCS 720-86614/2-A	LCS 720-86614/2-A	Total/NA	Solid	6010B	86614
LCSSRM 720-86614/25-A	LCSSRM 720-86614/25-A	Total/NA	Solid	6010B	86614
LCSD 720-86614/3-A	LCSD 720-86614/3-A	Total/NA	Solid	6010B	86614

## General Chemistry

### Prep Batch: 105966

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-105966/1-A	MB 500-105966/1-A	Total/NA	Solid	9071B	
720-33450-4	SB-12	Total/NA	Solid	9071B	
720-33450-4 MS	SB-12	Total/NA	Solid	9071B	
720-33450-4 MSD	SB-12	Total/NA	Solid	9071B	
720-33450-5	SB-13	Total/NA	Solid	9071B	

# QC Association Summary

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33450-1

## General Chemistry (Continued)

### Prep Batch: 105966 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33450-6	SB-14	Total/NA	Solid	9071B	
LCS 500-105966/2-A	LCS 500-105966/2-A	Total/NA	Solid	9071B	
720-33450-3	SB-11	Total/NA	Solid	9071B	

### Analysis Batch: 105971

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-105966/1-A	MB 500-105966/1-A	Total/NA	Solid	9071B	105966
720-33450-4	SB-12	Total/NA	Solid	9071B	105966
720-33450-4 MS	SB-12	Total/NA	Solid	9071B	105966
720-33450-4 MSD	SB-12	Total/NA	Solid	9071B	105966
720-33450-5	SB-13	Total/NA	Solid	9071B	105966
720-33450-6	SB-14	Total/NA	Solid	9071B	105966
LCS 500-105966/2-A	LCS 500-105966/2-A	Total/NA	Solid	9071B	105966
720-33450-3	SB-11	Total/NA	Solid	9071B	105966

### Prep Batch: 106163

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-106163/1-A	MB 500-106163/1-A	Total/NA	Water	1664A	
LCS 500-106163/2-A	LCS 500-106163/2-A	Total/NA	Water	1664A	
LCSD 500-106163/3-A	LCSD 500-106163/3-A	Total/NA	Water	1664A	
720-33450-1	SB-10	Total/NA	Water	1664A	
720-33450-2	SB-11	Total/NA	Water	1664A	

### Analysis Batch: 106164

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-106163/1-A	MB 500-106163/1-A	Total/NA	Water	1664A	106163
LCS 500-106163/2-A	LCS 500-106163/2-A	Total/NA	Water	1664A	106163
LCSD 500-106163/3-A	LCSD 500-106163/3-A	Total/NA	Water	1664A	106163
720-33450-1	SB-10	Total/NA	Water	1664A	106163
720-33450-2	SB-11	Total/NA	Water	1664A	106163

# Lab Chronicle

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33450-1

## Client Sample ID: SB-10

Date Collected: 02/16/11 08:00

Date Received: 02/17/11 17:10

## Lab Sample ID: 720-33450-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	86523	02/18/11 23:48	YB	TestAmerica San Francisco
Total/NA	Analysis	8260B		1	86538	02/19/11 17:12	YB	TestAmerica San Francisco
Total/NA	Prep	3510C			86540	02/19/11 10:22	JRM	TestAmerica San Francisco
Total/NA	Analysis	8015B		1	86545	02/22/11 21:22	DH	TestAmerica San Francisco
Total/NA	Prep	7470A			86552	02/22/11 08:13	ET	TestAmerica San Francisco
Total/NA	Analysis	7470A		1	86597	02/22/11 13:01	EFH	TestAmerica San Francisco
Total/NA	Prep	3010A			86557	02/22/11 09:11	ET	TestAmerica San Francisco
Total/NA	Analysis	6010B		1	86616	02/22/11 16:19	BA	TestAmerica San Francisco
Total/NA	Prep	1664A			106163	02/24/11 07:50	MTB	TestAmerica Chicago
Total/NA	Analysis	1664A		1	106164	02/24/11 13:52	MTB	TestAmerica Chicago

## Client Sample ID: SB-11

Date Collected: 02/16/11 09:30

Date Received: 02/17/11 17:10

## Lab Sample ID: 720-33450-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	86523	02/19/11 01:25	YB	TestAmerica San Francisco
Total/NA	Analysis	8260B		1	86538	02/19/11 17:43	YB	TestAmerica San Francisco
Total/NA	Prep	3510C			86540	02/19/11 10:22	JRM	TestAmerica San Francisco
Total/NA	Analysis	8015B		3	86639	02/23/11 15:50	DH	TestAmerica San Francisco
Total/NA	Prep	7470A			86552	02/22/11 08:13	ET	TestAmerica San Francisco
Total/NA	Analysis	7470A		1	86597	02/22/11 13:03	EFH	TestAmerica San Francisco
Total/NA	Prep	3010A			86557	02/22/11 09:11	ET	TestAmerica San Francisco
Total/NA	Analysis	6010B		1	86628	02/22/11 17:59	BA	TestAmerica San Francisco
Total/NA	Prep	1664A			106163	02/24/11 08:06	MTB	TestAmerica Chicago
Total/NA	Analysis	1664A		1	106164	02/24/11 13:57	MTB	TestAmerica Chicago

## Client Sample ID: SB-11

Date Collected: 02/16/11 10:00

Date Received: 02/17/11 17:10

## Lab Sample ID: 720-33450-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5035			86572	02/17/11 21:00	YB	TestAmerica San Francisco
Total/NA	Analysis	8260B/CA_LUF TMS		1	86449	02/18/11 17:39	YB	TestAmerica San Francisco
Total/NA	Prep	5035			86773	02/19/11 09:00	AC	TestAmerica San Francisco
Total/NA	Analysis	8260B/CA_LUF TMS		100	86536	02/19/11 21:09	JZ	TestAmerica San Francisco
Total/NA	Prep	3550B			86502	02/18/11 14:29	RU	TestAmerica San Francisco
Total/NA	Analysis	8015B		20	86546	02/22/11 22:09	DH	TestAmerica San Francisco
Total/NA	Prep	7471A			86571	02/22/11 11:04	JR	TestAmerica San Francisco
Total/NA	Analysis	7471A		1	86627	02/22/11 17:52	JR	TestAmerica San Francisco
Total/NA	Prep	3050B			86614	02/22/11 16:31	sk	TestAmerica San Francisco
Total/NA	Analysis	6010B		4	86683	02/23/11 12:19	EFH	TestAmerica San Francisco
Total/NA	Prep	9071B			105966	02/21/11 06:45	MTB	TestAmerica Chicago
Total/NA	Analysis	9071B		1	105971	02/21/11 13:18	MTB	TestAmerica Chicago

# Lab Chronicle

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33450-1

## Client Sample ID: SB-12

Date Collected: 02/16/11 10:50

Date Received: 02/17/11 17:10

## Lab Sample ID: 720-33450-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5035			86572	02/17/11 21:00	YB	TestAmerica San Francisco
Total/NA	Analysis	8260B/CA_LUF TMS		1	86449	02/18/11 18:12	YB	TestAmerica San Francisco
Total/NA	Prep	3550B			86502	02/18/11 14:29	RU	TestAmerica San Francisco
Total/NA	Analysis	8015B		1	86546	02/23/11 00:29	DH	TestAmerica San Francisco
Total/NA	Prep	7471A			86571	02/22/11 11:04	JR	TestAmerica San Francisco
Total/NA	Analysis	7471A		1	86627	02/22/11 17:55	JR	TestAmerica San Francisco
Total/NA	Prep	3050B			86614	02/22/11 16:31	sk	TestAmerica San Francisco
Total/NA	Analysis	6010B		4	86683	02/23/11 12:23	EFH	TestAmerica San Francisco
Total/NA	Prep	9071B			105966	02/21/11 06:45	MTB	TestAmerica Chicago
Total/NA	Analysis	9071B		1	105971	02/21/11 13:24	MTB	TestAmerica Chicago

## Client Sample ID: SB-13

Date Collected: 02/16/11 12:00

Date Received: 02/17/11 17:10

## Lab Sample ID: 720-33450-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5035			86572	02/17/11 21:00	YB	TestAmerica San Francisco
Total/NA	Analysis	8260B/CA_LUF TMS		1	86449	02/18/11 18:44	YB	TestAmerica San Francisco
Total/NA	Prep	3550B			86502	02/18/11 14:29	RU	TestAmerica San Francisco
Total/NA	Analysis	8015B		1	86546	02/23/11 01:15	DH	TestAmerica San Francisco
Total/NA	Prep	7471A			86571	02/22/11 11:04	JR	TestAmerica San Francisco
Total/NA	Analysis	7471A		1	86627	02/22/11 17:57	JR	TestAmerica San Francisco
Total/NA	Prep	3050B			86614	02/22/11 16:31	sk	TestAmerica San Francisco
Total/NA	Analysis	6010B		4	86683	02/23/11 12:27	EFH	TestAmerica San Francisco
Total/NA	Prep	9071B			105966	02/21/11 06:45	MTB	TestAmerica Chicago
Total/NA	Analysis	9071B		1	105971	02/21/11 13:42	MTB	TestAmerica Chicago

## Client Sample ID: SB-14

Date Collected: 02/16/11 12:15

Date Received: 02/17/11 17:10

## Lab Sample ID: 720-33450-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5035			86572	02/17/11 21:00	YB	TestAmerica San Francisco
Total/NA	Analysis	8260B/CA_LUF TMS		1	86449	02/18/11 19:16	YB	TestAmerica San Francisco
Total/NA	Prep	3550B			86502	02/18/11 14:29	RU	TestAmerica San Francisco
Total/NA	Analysis	8015B		1	86546	02/23/11 01:38	DH	TestAmerica San Francisco
Total/NA	Prep	7471A			86571	02/22/11 11:04	JR	TestAmerica San Francisco
Total/NA	Analysis	7471A		1	86627	02/22/11 17:59	JR	TestAmerica San Francisco
Total/NA	Prep	3050B			86614	02/22/11 16:31	sk	TestAmerica San Francisco
Total/NA	Analysis	6010B		4	86683	02/23/11 12:31	EFH	TestAmerica San Francisco
Total/NA	Prep	9071B			105966	02/21/11 06:45	MTB	TestAmerica Chicago
Total/NA	Analysis	9071B		1	105971	02/21/11 13:48	MTB	TestAmerica Chicago



# Certification Summary

Client: ACC Environmental Consultants  
 Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33450-1

Laboratory	Authority	Program	EPA Region	Certification ID	* Expiration Date
TestAmerica San Francisco	California	State Program	9	2496	01/31/12
TestAmerica Chicago		USDA		P330-09-00027	02/03/12
TestAmerica Chicago	ACLASS	DoD ELAP	0	ADE-1429	01/06/12
TestAmerica Chicago	ACLASS	ISO/IEC 17025	0	AT-1428	01/06/12
TestAmerica Chicago	Alabama	State Program	4	40461	04/30/11
TestAmerica Chicago	California	NELAC	9	01132CA	04/30/11
TestAmerica Chicago	Florida	NELAC	4	E871072	06/30/11
TestAmerica Chicago	Georgia	Georgia EPD	4	N/A	04/30/11
TestAmerica Chicago	Georgia	State Program	4	939	04/30/11
TestAmerica Chicago	Hawaii	State Program	9	N/A	04/30/11
TestAmerica Chicago	Illinois	NELAC	5	100201	04/30/11
TestAmerica Chicago	Indiana	State Program	5	C-IL-02	04/30/11
TestAmerica Chicago	Iowa	State Program	7	82	05/01/12
TestAmerica Chicago	Kansas	NELAC	7	E-10161	10/31/11
TestAmerica Chicago	Kentucky	Kentucky UST	4	66	05/13/11
TestAmerica Chicago	Kentucky	State Program	4	90023	12/31/11
TestAmerica Chicago	Louisiana	NELAC	6	30720	06/30/11
TestAmerica Chicago	Massachusetts	State Program	1	M-IL035	06/30/11
TestAmerica Chicago	Mississippi	State Program	4	N/A	04/30/11
TestAmerica Chicago	North Carolina	North Carolina DENR	4	291	12/31/11
TestAmerica Chicago	Oklahoma	State Program	6	8908	08/31/11
TestAmerica Chicago	South Carolina	State Program	4	77001	04/30/11
TestAmerica Chicago	Texas	NELAC	6	T104704252-09-TX	02/28/12
TestAmerica Chicago	Wisconsin	State Program	5	999580010	08/31/11
TestAmerica Chicago	Wyoming	State Program	8	8TMS-Q	04/30/11

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

\* Any expired certifications in this list are currently pending renewal and are considered valid.



# Method Summary

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33450-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL SF
8260B/CA_LUFT MS	8260B / CA LUFT MS	SW846	TAL SF
8015B	Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	SW846	TAL SF
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL SF
6010B	Metals (ICP)	SW846	TAL SF
7470A	Mercury (CVAA)	SW846	TAL SF
7471A	Mercury (CVAA)	SW846	TAL SF
1664A	HEM and SGT-HEM	1664A	TAL CHI
9071B	HEM	SW846	TAL CHI

**Protocol References:**

1664A = EPA-821-98-002

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

TAL SF = TestAmerica San Francisco, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919



# Sample Summary

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33450-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-33450-1	SB-10	Water	02/16/11 08:00	02/17/11 17:10
720-33450-2	SB-11	Water	02/16/11 09:30	02/17/11 17:10
720-33450-3	SB-11	Solid	02/16/11 10:00	02/17/11 17:10
720-33450-4	SB-12	Solid	02/16/11 10:50	02/17/11 17:10
720-33450-5	SB-13	Solid	02/16/11 12:00	02/17/11 17:10
720-33450-6	SB-14	Solid	02/16/11 12:15	02/17/11 17:10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

# TestAmerica

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TESTAMERICA San Francisco Chain of Custody  
 1220 Quarry Lane • Pleasanton CA 94566-4756  
 Phone: (925) 484-1919 • Fax: (925) 484-3098

Reference #: 129773

Date: 2/16/11 Page 11 of 11

Report To: Julia Sindyla Analysis Request

Company: ACC ENV.  
 Address: 7977 Lomond Drive Oakland  
 Phone: (510) 633-8400 Email: jsindyla@accenv.com

Bill To: Sampled By: JS/LS  
 Phone: (510) 633-8400 X110

Attn: Sample ID Date: 2/16/11 Time: 10:50a Mat: 501 Preserv: ice

Sample ID	Date	Time	Mat	Preserv	TPH EPA - <input type="checkbox"/> 8260B <input checked="" type="checkbox"/> Gas w/ <input checked="" type="checkbox"/> BTEX <input checked="" type="checkbox"/> MTBE	TEPH EPA 8015M* <input type="checkbox"/> Silica Gel <input checked="" type="checkbox"/> Diesel <input checked="" type="checkbox"/> Motor Oil <input type="checkbox"/> Other	EPA 8260B: <input checked="" type="checkbox"/> Gas <input checked="" type="checkbox"/> BTEX <input checked="" type="checkbox"/> 5 Oxygenates <input checked="" type="checkbox"/> DCA, EDB <input checked="" type="checkbox"/> Ethanol (HVOCs) EPA 8021 by 8260B	Volatile Organics GC/MS (VOCs) <input type="checkbox"/> EPA 8260B <input type="checkbox"/> 624	Semivolatiles GC/MS <input type="checkbox"/> EPA 8270 <input type="checkbox"/> 625	Oil and Grease <input type="checkbox"/> Petroleum (EPA 1664) <input checked="" type="checkbox"/> Total	Pesticides <input type="checkbox"/> EPA 8081 <input type="checkbox"/> 608 PCBs <input type="checkbox"/> EPA 8082 <input type="checkbox"/> 608	PNAs by <input type="checkbox"/> 8270 <input type="checkbox"/> 8310	CAM17 Metals (EPA 6010/7470/7471)	Metals: <input type="checkbox"/> Lead <input type="checkbox"/> LUFT <input type="checkbox"/> RCRA <input type="checkbox"/> Other:	Low Level Metals by EPA 200.8/6020 (ICP-MS): <input type="checkbox"/> W.E.T (STLC) <input type="checkbox"/> TCLP	<input type="checkbox"/> Hexavalent Chromium <input type="checkbox"/> pH (24h hold time for H <sub>2</sub> O)	<input type="checkbox"/> Spec. Cond. <input type="checkbox"/> Alkalinity <input type="checkbox"/> TSS <input type="checkbox"/> TDS	Anions: <input type="checkbox"/> Cl <input type="checkbox"/> SO <sub>4</sub> <input type="checkbox"/> NO <sub>3</sub> <input type="checkbox"/> F <input type="checkbox"/> Br <input type="checkbox"/> NO <sub>2</sub> <input type="checkbox"/> PO <sub>4</sub>	Ethylene Glycol	Number of Containers
SB-10	2/16/11	8:30	501	ice	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
SB-11	2/16/11	10:50a	501	ice	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
SB-12	2/16/11	10:50a	501	ice	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
SB-13	2/16/11	12:15p	501	ice	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
SB-14	2/16/11	12:15p	501	ice	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

### Project Info

Project Name: PSAI # of Containers:  
 Project#: 0170-034.01 Head Space:  
 PO#: 2.1e, 28c Temp:  
 Credit Card#: Conforms to record:

Report:  Routine  Level 3  Level 4  EDD  State Tank  
 Fund/EDF:  Global ID  
 Special Instructions / Comments:

Received by:	Signature	Time	Date	Company
1) Received by:	<u>[Signature]</u>	<u>16:50</u>	<u>2/16/11</u>	<u>ACC</u>
2) Received by:	<u>[Signature]</u>	<u>13:30</u>	<u>2/17/11</u>	<u>TestAmerica</u>
3) Received by:	<u>[Signature]</u>	<u>17:10</u>	<u>2/17/11</u>	<u>TestAmerica</u>

See Terms and Conditions on reverse  
 TestAmerica SF reports 9015M from C<sub>9</sub>-C<sub>24</sub> (Industry norm). Default for 9015B is C<sub>9</sub>-C<sub>24</sub>

## Login Sample Receipt Check List

Client: ACC Environmental Consultants

Job Number: 720-33450-1

**Login Number: 33450**

**List Source: TestAmerica San Francisco**

**Creator: Hoang, Julie**

**List Number: 1**

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	



## Login Sample Receipt Check List

Client: ACC Environmental Consultants

Job Number: 720-33450-1

**Login Number: 33450**

**Creator: Lunt, Jeff T**

**List Number: 1**

**List Source: TestAmerica Chicago**

**List Creation: 02/19/11 10:14 AM**

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	



# TestAmerica

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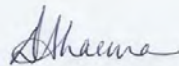
## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.  
TestAmerica San Francisco  
1220 Quarry Lane  
Pleasanton, CA 94566  
Tel: (925)484-1919

TestAmerica Job ID: 720-33462-1  
Client Project/Site: 1708 Wood PSAI

For:  
ACC Environmental Consultants  
7977 Capwell Drive  
Suite 100  
Oakland, California 94621

Attn: Environmental Scientist Julia Siudyla



Authorized for release by:  
2/25/2011 4:20 PM

Dimple Sharma  
Project Manager I  
[dimple.sharma@testamericainc.com](mailto:dimple.sharma@testamericainc.com)

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# Qualifier Definition/Glossary

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33462-1

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## Qualifiers

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### GC Semi VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits

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## Glossary

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Glossary	Glossary Description
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis.

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# Case Narrative

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33462-1

**Job ID: 720-33462-1**

**Laboratory: TestAmerica San Francisco**

## Narrative

**Job Narrative**  
720-33462-1

### Comments

No additional comments.

### Receipt

All samples were received in good condition within temperature requirements.

### GC/MS VOA

No analytical or quality issues were noted.

### GC/MS Semi VOA

No analytical or quality issues were noted.

### GC Semi VOA

Method 8015B: Surrogate recovery for the following sample was outside the upper control limit: (MB 720-86502/1-A). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

No other analytical or quality issues were noted.

### Metals

No analytical or quality issues were noted.

### Organic Prep

No analytical or quality issues were noted.

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# Detection Summary

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33462-1

## Client Sample ID: SB-6

Lab Sample ID: 720-33462-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	940		47		ug/L	1		8015B	Total/NA
Motor Oil Range Organics [C24-C36]	690		93		ug/L	1		8015B	Total/NA
Barium	0.11		0.0050		mg/L	1		6010B	Total/NA
Molybdenum	0.011		0.010		mg/L	1		6010B	Total/NA
Zinc	0.031		0.020		mg/L	1		6010B	Total/NA

## Client Sample ID: SB-7

Lab Sample ID: 720-33462-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	1.7		1.0		mg/Kg	1		8015B	Total/NA
Arsenic	4.5		4.0		mg/Kg	4		6010B	Total/NA
Barium	120		2.0		mg/Kg	4		6010B	Total/NA
Chromium	81		2.0		mg/Kg	4		6010B	Total/NA
Cobalt	9.5		0.80		mg/Kg	4		6010B	Total/NA
Copper	23		6.0		mg/Kg	4		6010B	Total/NA
Lead	15		2.0		mg/Kg	4		6010B	Total/NA
Nickel	100		2.0		mg/Kg	4		6010B	Total/NA
Vanadium	31		2.0		mg/Kg	4		6010B	Total/NA
Zinc	60		6.0		mg/Kg	4		6010B	Total/NA
Mercury	0.062		0.0095		mg/Kg	1		7471A	Total/NA

# Analytical Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33462-1

**Client Sample ID: SB-6**

**Date Collected: 02/16/11 13:00**

**Date Received: 02/17/11 17:10**

**Lab Sample ID: 720-33462-1**

**Matrix: Water**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			02/23/11 17:08	1
Acetone	ND		50		ug/L			02/23/11 17:08	1
Benzene	ND		0.50		ug/L			02/23/11 17:08	1
Dichlorobromomethane	ND		0.50		ug/L			02/23/11 17:08	1
Bromobenzene	ND		1.0		ug/L			02/23/11 17:08	1
Chlorobromomethane	ND		1.0		ug/L			02/23/11 17:08	1
Bromoform	ND		1.0		ug/L			02/23/11 17:08	1
Bromomethane	ND		1.0		ug/L			02/23/11 17:08	1
2-Butanone (MEK)	ND		50		ug/L			02/23/11 17:08	1
n-Butylbenzene	ND		1.0		ug/L			02/23/11 17:08	1
sec-Butylbenzene	ND		1.0		ug/L			02/23/11 17:08	1
tert-Butylbenzene	ND		1.0		ug/L			02/23/11 17:08	1
Carbon disulfide	ND		5.0		ug/L			02/23/11 17:08	1
Carbon tetrachloride	ND		0.50		ug/L			02/23/11 17:08	1
Chlorobenzene	ND		0.50		ug/L			02/23/11 17:08	1
Chloroethane	ND		1.0		ug/L			02/23/11 17:08	1
Chloroform	ND		1.0		ug/L			02/23/11 17:08	1
Chloromethane	ND		1.0		ug/L			02/23/11 17:08	1
2-Chlorotoluene	ND		0.50		ug/L			02/23/11 17:08	1
4-Chlorotoluene	ND		0.50		ug/L			02/23/11 17:08	1
Chlorodibromomethane	ND		0.50		ug/L			02/23/11 17:08	1
1,2-Dichlorobenzene	ND		0.50		ug/L			02/23/11 17:08	1
1,3-Dichlorobenzene	ND		0.50		ug/L			02/23/11 17:08	1
1,4-Dichlorobenzene	ND		0.50		ug/L			02/23/11 17:08	1
1,3-Dichloropropane	ND		1.0		ug/L			02/23/11 17:08	1
1,1-Dichloropropene	ND		0.50		ug/L			02/23/11 17:08	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			02/23/11 17:08	1
Ethylene Dibromide	ND		0.50		ug/L			02/23/11 17:08	1
Dibromomethane	ND		0.50		ug/L			02/23/11 17:08	1
Dichlorodifluoromethane	ND		0.50		ug/L			02/23/11 17:08	1
1,1-Dichloroethane	ND		0.50		ug/L			02/23/11 17:08	1
1,2-Dichloroethane	ND		0.50		ug/L			02/23/11 17:08	1
1,1-Dichloroethene	ND		0.50		ug/L			02/23/11 17:08	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			02/23/11 17:08	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			02/23/11 17:08	1
1,2-Dichloropropane	ND		0.50		ug/L			02/23/11 17:08	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			02/23/11 17:08	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			02/23/11 17:08	1
Ethylbenzene	ND		0.50		ug/L			02/23/11 17:08	1
Hexachlorobutadiene	ND		1.0		ug/L			02/23/11 17:08	1
2-Hexanone	ND		50		ug/L			02/23/11 17:08	1
Isopropylbenzene	ND		0.50		ug/L			02/23/11 17:08	1
4-Isopropyltoluene	ND		1.0		ug/L			02/23/11 17:08	1
Methylene Chloride	ND		5.0		ug/L			02/23/11 17:08	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			02/23/11 17:08	1
Naphthalene	ND		1.0		ug/L			02/23/11 17:08	1
N-Propylbenzene	ND		1.0		ug/L			02/23/11 17:08	1
Styrene	ND		0.50		ug/L			02/23/11 17:08	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			02/23/11 17:08	1
1,1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			02/23/11 17:08	1

# Analytical Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33462-1

**Client Sample ID: SB-6**

**Lab Sample ID: 720-33462-1**

Date Collected: 02/16/11 13:00

Matrix: Water

Date Received: 02/17/11 17:10

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.50		ug/L			02/23/11 17:08	1
Toluene	ND		0.50		ug/L			02/23/11 17:08	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			02/23/11 17:08	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			02/23/11 17:08	1
1,1,1-Trichloroethane	ND		0.50		ug/L			02/23/11 17:08	1
1,1,2-Trichloroethane	ND		0.50		ug/L			02/23/11 17:08	1
Trichloroethene	ND		0.50		ug/L			02/23/11 17:08	1
Trichlorofluoromethane	ND		1.0		ug/L			02/23/11 17:08	1
1,2,3-Trichloropropane	ND		0.50		ug/L			02/23/11 17:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			02/23/11 17:08	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			02/23/11 17:08	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			02/23/11 17:08	1
Vinyl acetate	ND		10		ug/L			02/23/11 17:08	1
Vinyl chloride	ND		0.50		ug/L			02/23/11 17:08	1
Xylenes, Total	ND		1.0		ug/L			02/23/11 17:08	1
2,2-Dichloropropane	ND		0.50		ug/L			02/23/11 17:08	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	105		67 - 130					02/23/11 17:08	1
1,2-Dichloroethane-d4 (Surr)	113		67 - 130					02/23/11 17:08	1
Toluene-d8 (Surr)	103		70 - 130					02/23/11 17:08	1

## Method: 8270C SIM - PAHs by GCMS (SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		0.12		ug/L		02/22/11 11:51	02/23/11 12:50	1
Acenaphthene	ND		0.12		ug/L		02/22/11 11:51	02/23/11 12:50	1
Acenaphthylene	ND		0.12		ug/L		02/22/11 11:51	02/23/11 12:50	1
Fluorene	ND		0.12		ug/L		02/22/11 11:51	02/23/11 12:50	1
Phenanthrene	ND		0.12		ug/L		02/22/11 11:51	02/23/11 12:50	1
Anthracene	ND		0.12		ug/L		02/22/11 11:51	02/23/11 12:50	1
Benzo[a]anthracene	ND		0.12		ug/L		02/22/11 11:51	02/23/11 12:50	1
Chrysene	ND		0.12		ug/L		02/22/11 11:51	02/23/11 12:50	1
Benzo[a]pyrene	ND		0.12		ug/L		02/22/11 11:51	02/23/11 12:50	1
Benzo[b]fluoranthene	ND		0.12		ug/L		02/22/11 11:51	02/23/11 12:50	1
Benzo[k]fluoranthene	ND		0.12		ug/L		02/22/11 11:51	02/23/11 12:50	1
Benzo[g,h,i]perylene	ND		0.12		ug/L		02/22/11 11:51	02/23/11 12:50	1
Indeno[1,2,3-cd]pyrene	ND		0.12		ug/L		02/22/11 11:51	02/23/11 12:50	1
Fluoranthene	ND		0.12		ug/L		02/22/11 11:51	02/23/11 12:50	1
Pyrene	ND		0.12		ug/L		02/22/11 11:51	02/23/11 12:50	1
Dibenz(a,h)anthracene	ND		0.12		ug/L		02/22/11 11:51	02/23/11 12:50	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	49		29 - 120				02/22/11 11:51	02/23/11 12:50	1
Terphenyl-d14	62		45 - 120				02/22/11 11:51	02/23/11 12:50	1

## Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	940		47		ug/L		02/19/11 10:22	02/22/11 21:46	1
Motor Oil Range Organics [C24-C36]	690		93		ug/L		02/19/11 10:22	02/22/11 21:46	1

# Analytical Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33462-1

**Client Sample ID: SB-6**  
**Date Collected: 02/16/11 13:00**  
**Date Received: 02/17/11 17:10**

**Lab Sample ID: 720-33462-1**  
**Matrix: Water**

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	66		23 - 156	02/19/11 10:22	02/22/11 21:46	1

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.010		mg/L		02/22/11 14:00	02/23/11 12:00	1
Arsenic	ND		0.010		mg/L		02/22/11 14:00	02/23/11 12:00	1
<b>Barium</b>	<b>0.11</b>		0.0050		mg/L		02/22/11 14:00	02/23/11 19:55	1
Beryllium	ND		0.0020		mg/L		02/22/11 14:00	02/23/11 19:55	1
Cadmium	ND		0.0025		mg/L		02/22/11 14:00	02/23/11 12:00	1
Chromium	ND		0.010		mg/L		02/22/11 14:00	02/23/11 12:00	1
Cobalt	ND		0.0020		mg/L		02/22/11 14:00	02/23/11 12:00	1
Copper	ND		0.020		mg/L		02/22/11 14:00	02/23/11 12:00	1
Lead	ND		0.0050		mg/L		02/22/11 14:00	02/23/11 12:00	1
<b>Molybdenum</b>	<b>0.011</b>		0.010		mg/L		02/22/11 14:00	02/23/11 12:00	1
Nickel	ND		0.010		mg/L		02/22/11 14:00	02/23/11 12:00	1
Selenium	ND		0.020		mg/L		02/22/11 14:00	02/23/11 12:00	1
Silver	ND		0.0050		mg/L		02/22/11 14:00	02/23/11 12:00	1
Thallium	ND		0.010		mg/L		02/22/11 14:00	02/23/11 12:00	1
Vanadium	ND		0.010		mg/L		02/22/11 14:00	02/23/11 12:00	1
<b>Zinc</b>	<b>0.031</b>		0.020		mg/L		02/22/11 14:00	02/23/11 12:00	1

**Method: 7470A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		02/23/11 11:20	02/24/11 13:59	1

**Client Sample ID: SB-7**  
**Date Collected: 02/16/11 15:00**  
**Date Received: 02/17/11 17:10**

**Lab Sample ID: 720-33462-2**  
**Matrix: Solid**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		10		ug/Kg		02/18/11 17:00	02/18/11 20:53	1
Acetone	ND		100		ug/Kg		02/18/11 17:00	02/18/11 20:53	1
Benzene	ND		10		ug/Kg		02/18/11 17:00	02/18/11 20:53	1
Dichlorobromomethane	ND		10		ug/Kg		02/18/11 17:00	02/18/11 20:53	1
Bromobenzene	ND		10		ug/Kg		02/18/11 17:00	02/18/11 20:53	1
Chlorobromomethane	ND		40		ug/Kg		02/18/11 17:00	02/18/11 20:53	1
Bromoform	ND		10		ug/Kg		02/18/11 17:00	02/18/11 20:53	1
Bromomethane	ND		20		ug/Kg		02/18/11 17:00	02/18/11 20:53	1
2-Butanone (MEK)	ND		100		ug/Kg		02/18/11 17:00	02/18/11 20:53	1
n-Butylbenzene	ND		10		ug/Kg		02/18/11 17:00	02/18/11 20:53	1
sec-Butylbenzene	ND		10		ug/Kg		02/18/11 17:00	02/18/11 20:53	1
tert-Butylbenzene	ND		10		ug/Kg		02/18/11 17:00	02/18/11 20:53	1
Carbon disulfide	ND		10		ug/Kg		02/18/11 17:00	02/18/11 20:53	1
Carbon tetrachloride	ND		10		ug/Kg		02/18/11 17:00	02/18/11 20:53	1
Chlorobenzene	ND		10		ug/Kg		02/18/11 17:00	02/18/11 20:53	1
Chloroethane	ND		20		ug/Kg		02/18/11 17:00	02/18/11 20:53	1
Chloroform	ND		10		ug/Kg		02/18/11 17:00	02/18/11 20:53	1
Chloromethane	ND		20		ug/Kg		02/18/11 17:00	02/18/11 20:53	1
2-Chlorotoluene	ND		10		ug/Kg		02/18/11 17:00	02/18/11 20:53	1
4-Chlorotoluene	ND		10		ug/Kg		02/18/11 17:00	02/18/11 20:53	1
Chlorodibromomethane	ND		10		ug/Kg		02/18/11 17:00	02/18/11 20:53	1

# Analytical Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33462-1

**Client Sample ID: SB-7**

**Date Collected: 02/16/11 15:00**

**Date Received: 02/17/11 17:10**

**Lab Sample ID: 720-33462-2**

**Matrix: Solid**

**Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		10		ug/Kg		02/18/11 17:00	02/18/11 20:53	1
1,3-Dichlorobenzene	ND		10		ug/Kg		02/18/11 17:00	02/18/11 20:53	1
1,4-Dichlorobenzene	ND		10		ug/Kg		02/18/11 17:00	02/18/11 20:53	1
1,3-Dichloropropane	ND		10		ug/Kg		02/18/11 17:00	02/18/11 20:53	1
1,1-Dichloropropene	ND		10		ug/Kg		02/18/11 17:00	02/18/11 20:53	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg		02/18/11 17:00	02/18/11 20:53	1
Ethylene Dibromide	ND		10		ug/Kg		02/18/11 17:00	02/18/11 20:53	1
Dibromomethane	ND		20		ug/Kg		02/18/11 17:00	02/18/11 20:53	1
Dichlorodifluoromethane	ND		20		ug/Kg		02/18/11 17:00	02/18/11 20:53	1
1,1-Dichloroethane	ND		10		ug/Kg		02/18/11 17:00	02/18/11 20:53	1
1,2-Dichloroethane	ND		10		ug/Kg		02/18/11 17:00	02/18/11 20:53	1
1,1-Dichloroethene	ND		10		ug/Kg		02/18/11 17:00	02/18/11 20:53	1
cis-1,2-Dichloroethene	ND		10		ug/Kg		02/18/11 17:00	02/18/11 20:53	1
trans-1,2-Dichloroethene	ND		10		ug/Kg		02/18/11 17:00	02/18/11 20:53	1
1,2-Dichloropropane	ND		10		ug/Kg		02/18/11 17:00	02/18/11 20:53	1
cis-1,3-Dichloropropene	ND		10		ug/Kg		02/18/11 17:00	02/18/11 20:53	1
trans-1,3-Dichloropropene	ND		10		ug/Kg		02/18/11 17:00	02/18/11 20:53	1
Ethylbenzene	ND		10		ug/Kg		02/18/11 17:00	02/18/11 20:53	1
Hexachlorobutadiene	ND		10		ug/Kg		02/18/11 17:00	02/18/11 20:53	1
2-Hexanone	ND		100		ug/Kg		02/18/11 17:00	02/18/11 20:53	1
Isopropylbenzene	ND		10		ug/Kg		02/18/11 17:00	02/18/11 20:53	1
4-Isopropyltoluene	ND		10		ug/Kg		02/18/11 17:00	02/18/11 20:53	1
Methylene Chloride	ND		20		ug/Kg		02/18/11 17:00	02/18/11 20:53	1
4-Methyl-2-pentanone (MIBK)	ND		100		ug/Kg		02/18/11 17:00	02/18/11 20:53	1
Naphthalene	ND		20		ug/Kg		02/18/11 17:00	02/18/11 20:53	1
N-Propylbenzene	ND		10		ug/Kg		02/18/11 17:00	02/18/11 20:53	1
Styrene	ND		10		ug/Kg		02/18/11 17:00	02/18/11 20:53	1
1,1,1,2-Tetrachloroethane	ND		10		ug/Kg		02/18/11 17:00	02/18/11 20:53	1
1,1,2,2-Tetrachloroethane	ND		10		ug/Kg		02/18/11 17:00	02/18/11 20:53	1
Tetrachloroethene	ND		10		ug/Kg		02/18/11 17:00	02/18/11 20:53	1
Toluene	ND		10		ug/Kg		02/18/11 17:00	02/18/11 20:53	1
1,2,3-Trichlorobenzene	ND		10		ug/Kg		02/18/11 17:00	02/18/11 20:53	1
1,2,4-Trichlorobenzene	ND		10		ug/Kg		02/18/11 17:00	02/18/11 20:53	1
1,1,1-Trichloroethane	ND		10		ug/Kg		02/18/11 17:00	02/18/11 20:53	1
1,1,2-Trichloroethane	ND		10		ug/Kg		02/18/11 17:00	02/18/11 20:53	1
Trichloroethene	ND		10		ug/Kg		02/18/11 17:00	02/18/11 20:53	1
Trichlorofluoromethane	ND		10		ug/Kg		02/18/11 17:00	02/18/11 20:53	1
1,2,3-Trichloropropane	ND		10		ug/Kg		02/18/11 17:00	02/18/11 20:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10		ug/Kg		02/18/11 17:00	02/18/11 20:53	1
1,2,4-Trimethylbenzene	ND		10		ug/Kg		02/18/11 17:00	02/18/11 20:53	1
1,3,5-Trimethylbenzene	ND		10		ug/Kg		02/18/11 17:00	02/18/11 20:53	1
Vinyl acetate	ND		100		ug/Kg		02/18/11 17:00	02/18/11 20:53	1
Vinyl chloride	ND		10		ug/Kg		02/18/11 17:00	02/18/11 20:53	1
Xylenes, Total	ND		20		ug/Kg		02/18/11 17:00	02/18/11 20:53	1
2,2-Dichloropropane	ND		10		ug/Kg		02/18/11 17:00	02/18/11 20:53	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	83		65 - 117	02/18/11 17:00	02/18/11 20:53	1
1,2-Dichloroethane-d4 (Surr)	102		73 - 140	02/18/11 17:00	02/18/11 20:53	1
Toluene-d8 (Surr)	91		84 - 116	02/18/11 17:00	02/18/11 20:53	1

# Analytical Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33462-1

**Client Sample ID: SB-7**

**Lab Sample ID: 720-33462-2**

Date Collected: 02/16/11 15:00

Matrix: Solid

Date Received: 02/17/11 17:10

**Method: 8270C SIM - PAHs by GCMS (SIM)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		5.0		ug/Kg		02/18/11 19:28	02/22/11 15:42	1
Acenaphthene	ND		5.0		ug/Kg		02/18/11 19:28	02/22/11 15:42	1
Acenaphthylene	ND		5.0		ug/Kg		02/18/11 19:28	02/22/11 15:42	1
Fluorene	ND		5.0		ug/Kg		02/18/11 19:28	02/22/11 15:42	1
Phenanthrene	ND		5.0		ug/Kg		02/18/11 19:28	02/22/11 15:42	1
Anthracene	ND		5.0		ug/Kg		02/18/11 19:28	02/22/11 15:42	1
Benzo[a]anthracene	ND		5.0		ug/Kg		02/18/11 19:28	02/22/11 15:42	1
Chrysene	ND		5.0		ug/Kg		02/18/11 19:28	02/22/11 15:42	1
Benzo[a]pyrene	ND		5.0		ug/Kg		02/18/11 19:28	02/22/11 15:42	1
Benzo[b]fluoranthene	ND		5.0		ug/Kg		02/18/11 19:28	02/22/11 15:42	1
Benzo[k]fluoranthene	ND		5.0		ug/Kg		02/18/11 19:28	02/22/11 15:42	1
Benzo[g,h,i]perylene	ND		5.0		ug/Kg		02/18/11 19:28	02/22/11 15:42	1
Indeno[1,2,3-cd]pyrene	ND		5.0		ug/Kg		02/18/11 19:28	02/22/11 15:42	1
Fluoranthene	ND		5.0		ug/Kg		02/18/11 19:28	02/22/11 15:42	1
Pyrene	ND		5.0		ug/Kg		02/18/11 19:28	02/22/11 15:42	1
Dibenz(a,h)anthracene	ND		5.0		ug/Kg		02/18/11 19:28	02/22/11 15:42	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	80		33 - 120	02/18/11 19:28	02/22/11 15:42	1
Terphenyl-d14	90		35 - 146	02/18/11 19:28	02/22/11 15:42	1

**Method: 8015B - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Diesel Range Organics [C10-C28]</b>	<b>1.7</b>		1.0		mg/Kg		02/18/11 19:22	02/23/11 02:02	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		02/18/11 19:22	02/23/11 02:02	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	95		31 - 114	02/18/11 19:22	02/23/11 02:02	1

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.0		mg/Kg		02/22/11 16:31	02/23/11 12:39	4
<b>Arsenic</b>	<b>4.5</b>		4.0		mg/Kg		02/22/11 16:31	02/23/11 12:39	4
<b>Barium</b>	<b>120</b>		2.0		mg/Kg		02/22/11 16:31	02/23/11 12:39	4
Beryllium	ND		0.40		mg/Kg		02/22/11 16:31	02/23/11 12:39	4
Cadmium	ND		0.50		mg/Kg		02/22/11 16:31	02/23/11 12:39	4
<b>Chromium</b>	<b>81</b>		2.0		mg/Kg		02/22/11 16:31	02/23/11 12:39	4
<b>Cobalt</b>	<b>9.5</b>		0.80		mg/Kg		02/22/11 16:31	02/23/11 12:39	4
<b>Copper</b>	<b>23</b>		6.0		mg/Kg		02/22/11 16:31	02/23/11 12:39	4
<b>Lead</b>	<b>15</b>		2.0		mg/Kg		02/22/11 16:31	02/23/11 12:39	4
Molybdenum	ND		2.0		mg/Kg		02/22/11 16:31	02/23/11 12:39	4
<b>Nickel</b>	<b>100</b>		2.0		mg/Kg		02/22/11 16:31	02/23/11 12:39	4
Selenium	ND		4.0		mg/Kg		02/22/11 16:31	02/23/11 12:39	4
Silver	ND		1.0		mg/Kg		02/22/11 16:31	02/23/11 12:39	4
Thallium	ND		2.0		mg/Kg		02/22/11 16:31	02/23/11 12:39	4
<b>Vanadium</b>	<b>31</b>		2.0		mg/Kg		02/22/11 16:31	02/23/11 12:39	4
<b>Zinc</b>	<b>60</b>		6.0		mg/Kg		02/22/11 16:31	02/23/11 12:39	4

**Method: 7471A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.062</b>		0.0095		mg/Kg		02/22/11 11:04	02/22/11 18:01	1



# Quality Control Data

Client: ACC Environmental Consultants  
 Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33462-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Lab Sample ID: MB 720-86562/1-A**

**Matrix: Solid**

**Analysis Batch: 86515**

**Client Sample ID: MB 720-86562/1-A**

**Prep Type: Total/NA**

**Prep Batch: 86562**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Methyl tert-butyl ether	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
Acetone	ND		50		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
Benzene	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
Dichlorobromomethane	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
Bromobenzene	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
Chlorobromomethane	ND		20		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
Bromoform	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
Bromomethane	ND		10		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
2-Butanone (MEK)	ND		50		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
n-Butylbenzene	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
sec-Butylbenzene	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
tert-Butylbenzene	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
Carbon disulfide	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
Carbon tetrachloride	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
Chlorobenzene	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
Chloroethane	ND		10		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
Chloroform	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
Chloromethane	ND		10		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
2-Chlorotoluene	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
4-Chlorotoluene	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
Chlorodibromomethane	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
1,2-Dichlorobenzene	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
1,3-Dichlorobenzene	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
1,4-Dichlorobenzene	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
1,3-Dichloropropane	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
1,1-Dichloropropene	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
Ethylene Dibromide	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
Dibromomethane	ND		10		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
Dichlorodifluoromethane	ND		10		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
1,1-Dichloroethane	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
1,2-Dichloroethane	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
1,1-Dichloroethene	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
cis-1,2-Dichloroethene	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
trans-1,2-Dichloroethene	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
1,2-Dichloropropane	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
cis-1,3-Dichloropropene	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
trans-1,3-Dichloropropene	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
Ethylbenzene	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
Hexachlorobutadiene	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
2-Hexanone	ND		50		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
Isopropylbenzene	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
4-Isopropyltoluene	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
Methylene Chloride	ND		10		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
Naphthalene	ND		10		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
N-Propylbenzene	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
Styrene	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1

# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33462-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 720-86562/1-A**

**Matrix: Solid**

**Analysis Batch: 86515**

**Client Sample ID: MB 720-86562/1-A**

**Prep Type: Total/NA**

**Prep Batch: 86562**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
Tetrachloroethene	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
Toluene	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
1,1,1-Trichloroethane	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
1,1,2-Trichloroethane	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
Trichloroethene	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
Trichlorofluoromethane	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
1,2,3-Trichloropropane	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
1,2,4-Trimethylbenzene	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
1,3,5-Trimethylbenzene	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
Vinyl acetate	ND		50		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
Vinyl chloride	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
m-Xylene & p-Xylene	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
o-Xylene	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
Xylenes, Total	ND		10		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
2,2-Dichloropropane	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1

Surrogate	MB % Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	86		65 - 117	02/18/11 17:00	02/18/11 18:21	1
1,2-Dichloroethane-d4 (Surr)	101		73 - 140	02/18/11 17:00	02/18/11 18:21	1
Toluene-d8 (Surr)	92		84 - 116	02/18/11 17:00	02/18/11 18:21	1

**Lab Sample ID: LCS 720-86562/2-A**

**Matrix: Solid**

**Analysis Batch: 86515**

**Client Sample ID: LCS 720-86562/2-A**

**Prep Type: Total/NA**

**Prep Batch: 86562**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Methyl tert-butyl ether	50.0	51.4		ug/Kg		103	71 - 144
Acetone	250	181		ug/Kg		72	45 - 154
Benzene	50.0	51.2		ug/Kg		102	82 - 124
Dichlorobromomethane	50.0	57.8		ug/Kg		116	89 - 131
Bromobenzene	50.0	52.7		ug/Kg		105	84 - 120
Chlorobromomethane	50.0	53.7		ug/Kg		107	82 - 115
Bromoform	50.0	55.8		ug/Kg		112	59 - 158
Bromomethane	50.0	48.5		ug/Kg		97	71 - 136
2-Butanone (MEK)	250	214		ug/Kg		86	61 - 150
n-Butylbenzene	50.0	52.4		ug/Kg		105	80 - 142
sec-Butylbenzene	50.0	50.5		ug/Kg		101	85 - 136
tert-Butylbenzene	50.0	52.4		ug/Kg		105	74 - 134
Carbon disulfide	50.0	49.3		ug/Kg		99	60 - 136
Carbon tetrachloride	50.0	52.4		ug/Kg		105	81 - 138
Chlorobenzene	50.0	53.6		ug/Kg		107	82 - 115
Chloroethane	50.0	52.0		ug/Kg		104	69 - 141
Chloroform	50.0	52.6		ug/Kg		105	77 - 127
Chloromethane	50.0	49.6		ug/Kg		99	60 - 149
2-Chlorotoluene	50.0	52.3		ug/Kg		105	80 - 138

# Quality Control Data

Client: ACC Environmental Consultants  
 Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33462-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 720-86562/2-A**

**Matrix: Solid**

**Analysis Batch: 86515**

**Client Sample ID: LCS 720-86562/2-A**

**Prep Type: Total/NA**

**Prep Batch: 86562**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
4-Chlorotoluene	50.0	52.0		ug/Kg		104	79 - 136
Chlorodibromomethane	50.0	58.4		ug/Kg		117	75 - 146
1,2-Dichlorobenzene	50.0	53.6		ug/Kg		107	84 - 130
1,3-Dichlorobenzene	50.0	53.4		ug/Kg		107	84 - 131
1,4-Dichlorobenzene	50.0	51.5		ug/Kg		103	85 - 125
1,3-Dichloropropane	50.0	55.1		ug/Kg		110	79 - 140
1,1-Dichloropropene	50.0	50.0		ug/Kg		100	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	52.8		ug/Kg		106	68 - 148
Ethylene Dibromide	50.0	55.1		ug/Kg		110	79 - 140
Dibromomethane	50.0	54.9		ug/Kg		110	80 - 139
Dichlorodifluoromethane	50.0	34.3		ug/Kg		69	37 - 158
1,1-Dichloroethane	50.0	51.7		ug/Kg		103	81 - 117
1,2-Dichloroethane	50.0	53.0		ug/Kg		106	78 - 140
1,1-Dichloroethene	50.0	49.7		ug/Kg		99	77 - 120
cis-1,2-Dichloroethene	50.0	59.3		ug/Kg		119	91 - 133
trans-1,2-Dichloroethene	50.0	45.1		ug/Kg		90	73 - 117
1,2-Dichloropropane	50.0	51.7		ug/Kg		103	81 - 124
cis-1,3-Dichloropropene	50.0	55.7		ug/Kg		111	68 - 147
trans-1,3-Dichloropropene	50.0	58.4		ug/Kg		117	84 - 136
Ethylbenzene	50.0	52.0		ug/Kg		104	80 - 137
Hexachlorobutadiene	50.0	49.0		ug/Kg		98	72 - 132
2-Hexanone	250	266		ug/Kg		106	60 - 161
Isopropylbenzene	50.0	53.8		ug/Kg		108	83 - 121
4-Isopropyltoluene	50.0	51.5		ug/Kg		103	85 - 133
Methylene Chloride	50.0	55.7		ug/Kg		111	68 - 126
4-Methyl-2-pentanone (MIBK)	250	289		ug/Kg		116	69 - 160
Naphthalene	50.0	53.9		ug/Kg		108	70 - 147
N-Propylbenzene	50.0	49.3		ug/Kg		99	72 - 125
Styrene	50.0	57.4		ug/Kg		115	87 - 128
1,1,1,2-Tetrachloroethane	50.0	56.2		ug/Kg		112	90 - 130
1,1,2,2-Tetrachloroethane	50.0	52.9		ug/Kg		106	82 - 146
Tetrachloroethene	50.0	52.7		ug/Kg		105	78 - 132
Toluene	50.0	51.2		ug/Kg		102	83 - 128
1,2,3-Trichlorobenzene	50.0	54.9		ug/Kg		110	74 - 136
1,2,4-Trichlorobenzene	50.0	53.6		ug/Kg		107	70 - 131
1,1,1-Trichloroethane	50.0	52.4		ug/Kg		105	85 - 133
1,1,2-Trichloroethane	50.0	54.3		ug/Kg		109	82 - 125
Trichloroethene	50.0	53.2		ug/Kg		106	81 - 133
Trichlorofluoromethane	50.0	50.5		ug/Kg		101	71 - 139
1,2,3-Trichloropropane	50.0	51.7		ug/Kg		103	76 - 146
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	50.9		ug/Kg		102	70 - 130
1,2,4-Trimethylbenzene	50.0	53.9		ug/Kg		108	84 - 131
1,3,5-Trimethylbenzene	50.0	52.5		ug/Kg		105	86 - 134
Vinyl acetate	50.0	61.3		ug/Kg		123	38 - 176
Vinyl chloride	50.0	47.4		ug/Kg		95	63 - 140
m-Xylene & p-Xylene	100	105		ug/Kg		105	79 - 146
o-Xylene	50.0	54.6		ug/Kg		109	84 - 140
2,2-Dichloropropane	50.0	51.2		ug/Kg		102	73 - 162

# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33462-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 720-86562/2-A**

**Matrix: Solid**

**Analysis Batch: 86515**

**Client Sample ID: LCS 720-86562/2-A**

**Prep Type: Total/NA**

**Prep Batch: 86562**

Surrogate	LCS LCS		Limits
	% Recovery	Qualifier	
4-Bromofluorobenzene	101		65 - 117
1,2-Dichloroethane-d4 (Surr)	104		73 - 140
Toluene-d8 (Surr)	98		84 - 116

**Lab Sample ID: LCS 720-86562/3-A**

**Matrix: Solid**

**Analysis Batch: 86515**

**Client Sample ID: LCS 720-86562/3-A**

**Prep Type: Total/NA**

**Prep Batch: 86562**

Analyte	Spike Added	LCS D Result	LCS D Qualifier	Unit	D	% Rec	% Rec.		RPD	RPD Limit
							Limits	RPD		
Methyl tert-butyl ether	50.0	52.1		ug/Kg		104	71 - 144	1	20	
Acetone	250	187		ug/Kg		75	45 - 154	3	30	
Benzene	50.0	51.2		ug/Kg		102	82 - 124	0	20	
Dichlorobromomethane	50.0	57.5		ug/Kg		115	89 - 131	1	20	
Bromobenzene	50.0	53.0		ug/Kg		106	84 - 120	1	20	
Chlorobromomethane	50.0	53.6		ug/Kg		107	82 - 115	0	20	
Bromoform	50.0	56.4		ug/Kg		113	59 - 158	1	20	
Bromomethane	50.0	47.6		ug/Kg		95	71 - 136	2	20	
2-Butanone (MEK)	250	219		ug/Kg		87	61 - 150	2	20	
n-Butylbenzene	50.0	51.8		ug/Kg		104	80 - 142	1	20	
sec-Butylbenzene	50.0	50.0		ug/Kg		100	85 - 136	1	20	
tert-Butylbenzene	50.0	52.2		ug/Kg		104	74 - 134	0	20	
Carbon disulfide	50.0	48.9		ug/Kg		98	60 - 136	1	20	
Carbon tetrachloride	50.0	51.3		ug/Kg		103	81 - 138	2	20	
Chlorobenzene	50.0	53.6		ug/Kg		107	82 - 115	0	20	
Chloroethane	50.0	50.7		ug/Kg		101	69 - 141	2	20	
Chloroform	50.0	52.3		ug/Kg		105	77 - 127	1	20	
Chloromethane	50.0	48.9		ug/Kg		98	60 - 149	1	20	
2-Chlorotoluene	50.0	52.4		ug/Kg		105	80 - 138	0	20	
4-Chlorotoluene	50.0	52.2		ug/Kg		104	79 - 136	0	20	
Chlorodibromomethane	50.0	58.3		ug/Kg		117	75 - 146	0	20	
1,2-Dichlorobenzene	50.0	53.6		ug/Kg		107	84 - 130	0	20	
1,3-Dichlorobenzene	50.0	52.9		ug/Kg		106	84 - 131	1	20	
1,4-Dichlorobenzene	50.0	51.0		ug/Kg		102	85 - 125	1	20	
1,3-Dichloropropane	50.0	54.9		ug/Kg		110	79 - 140	0	20	
1,1-Dichloropropene	50.0	49.9		ug/Kg		100	70 - 130	0	20	
1,2-Dibromo-3-Chloropropane	50.0	52.5		ug/Kg		105	68 - 148	1	20	
Ethylene Dibromide	50.0	54.8		ug/Kg		110	79 - 140	1	20	
Dibromomethane	50.0	55.5		ug/Kg		111	80 - 139	1	20	
Dichlorodifluoromethane	50.0	33.0		ug/Kg		66	37 - 158	4	20	
1,1-Dichloroethane	50.0	51.8		ug/Kg		104	81 - 117	0	20	
1,2-Dichloroethane	50.0	52.5		ug/Kg		105	78 - 140	1	20	
1,1-Dichloroethene	50.0	49.0		ug/Kg		98	77 - 120	2	20	
cis-1,2-Dichloroethene	50.0	59.3		ug/Kg		119	91 - 133	0	20	
trans-1,2-Dichloroethene	50.0	45.3		ug/Kg		91	73 - 117	0	20	
1,2-Dichloropropane	50.0	52.1		ug/Kg		104	81 - 124	1	20	
cis-1,3-Dichloropropene	50.0	56.1		ug/Kg		112	68 - 147	1	20	
trans-1,3-Dichloropropene	50.0	58.8		ug/Kg		118	84 - 136	1	20	
Ethylbenzene	50.0	51.6		ug/Kg		103	80 - 137	1	20	
Hexachlorobutadiene	50.0	48.4		ug/Kg		97	72 - 132	1	20	

# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33462-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCSD 720-86562/3-A**

**Matrix: Solid**

**Analysis Batch: 86515**

**Client Sample ID: LCSD 720-86562/3-A**

**Prep Type: Total/NA**

**Prep Batch: 86562**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec.		RPD Limit
							Limits	RPD	
2-Hexanone	250	267		ug/Kg		107	60 - 161	1	20
Isopropylbenzene	50.0	53.4		ug/Kg		107	83 - 121	1	20
4-Isopropyltoluene	50.0	50.9		ug/Kg		102	85 - 133	1	20
Methylene Chloride	50.0	54.9		ug/Kg		110	68 - 126	1	20
4-Methyl-2-pentanone (MIBK)	250	289		ug/Kg		115	69 - 160	0	20
Naphthalene	50.0	54.9		ug/Kg		110	70 - 147	2	20
N-Propylbenzene	50.0	49.3		ug/Kg		99	72 - 125	0	20
Styrene	50.0	57.4		ug/Kg		115	87 - 128	0	20
1,1,1,2-Tetrachloroethane	50.0	56.1		ug/Kg		112	90 - 130	0	20
1,1,2,2-Tetrachloroethane	50.0	52.6		ug/Kg		105	82 - 146	0	20
Tetrachloroethene	50.0	52.0		ug/Kg		104	78 - 132	1	20
Toluene	50.0	51.5		ug/Kg		103	83 - 128	1	20
1,2,3-Trichlorobenzene	50.0	55.3		ug/Kg		111	74 - 136	1	20
1,2,4-Trichlorobenzene	50.0	53.6		ug/Kg		107	70 - 131	0	20
1,1,1-Trichloroethane	50.0	51.6		ug/Kg		103	85 - 133	1	20
1,1,2-Trichloroethane	50.0	54.0		ug/Kg		108	82 - 125	0	20
Trichloroethene	50.0	53.0		ug/Kg		106	81 - 133	0	20
Trichlorofluoromethane	50.0	48.9		ug/Kg		98	71 - 139	3	20
1,2,3-Trichloropropane	50.0	51.9		ug/Kg		104	76 - 146	0	20
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	49.9		ug/Kg		100	70 - 130	2	20
1,2,4-Trimethylbenzene	50.0	53.7		ug/Kg		107	84 - 131	0	20
1,3,5-Trimethylbenzene	50.0	52.1		ug/Kg		104	86 - 134	1	20
Vinyl acetate	50.0	61.0		ug/Kg		122	38 - 176	0	20
Vinyl chloride	50.0	46.7		ug/Kg		93	63 - 140	1	20
m-Xylene & p-Xylene	100	104		ug/Kg		104	79 - 146	1	20
o-Xylene	50.0	54.1		ug/Kg		108	84 - 140	1	20
2,2-Dichloropropane	50.0	50.1		ug/Kg		100	73 - 162	2	20

Surrogate	LCSD		Limits
	% Recovery	Qualifier	
4-Bromofluorobenzene	101		65 - 117
1,2-Dichloroethane-d4 (Surr)	104		73 - 140
Toluene-d8 (Surr)	98		84 - 116

**Lab Sample ID: MB 720-86644/5**

**Matrix: Water**

**Analysis Batch: 86644**

**Client Sample ID: MB 720-86644/5**

**Prep Type: Total/NA**

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Methyl tert-butyl ether	ND		0.50		ug/L			02/23/11 09:36	1
Acetone	ND		50		ug/L			02/23/11 09:36	1
Benzene	ND		0.50		ug/L			02/23/11 09:36	1
Dichlorobromomethane	ND		0.50		ug/L			02/23/11 09:36	1
Bromobenzene	ND		1.0		ug/L			02/23/11 09:36	1
Chlorobromomethane	ND		1.0		ug/L			02/23/11 09:36	1
Bromoform	ND		1.0		ug/L			02/23/11 09:36	1
Bromomethane	ND		1.0		ug/L			02/23/11 09:36	1
2-Butanone (MEK)	ND		50		ug/L			02/23/11 09:36	1
n-Butylbenzene	ND		1.0		ug/L			02/23/11 09:36	1
sec-Butylbenzene	ND		1.0		ug/L			02/23/11 09:36	1

TestAmerica San Francisco

# Quality Control Data

Client: ACC Environmental Consultants  
 Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33462-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 720-86644/5**

**Matrix: Water**

**Analysis Batch: 86644**

**Client Sample ID: MB 720-86644/5**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	ND		1.0		ug/L			02/23/11 09:36	1
Carbon disulfide	ND		5.0		ug/L			02/23/11 09:36	1
Carbon tetrachloride	ND		0.50		ug/L			02/23/11 09:36	1
Chlorobenzene	ND		0.50		ug/L			02/23/11 09:36	1
Chloroethane	ND		1.0		ug/L			02/23/11 09:36	1
Chloroform	ND		1.0		ug/L			02/23/11 09:36	1
Chloromethane	ND		1.0		ug/L			02/23/11 09:36	1
2-Chlorotoluene	ND		0.50		ug/L			02/23/11 09:36	1
4-Chlorotoluene	ND		0.50		ug/L			02/23/11 09:36	1
Chlorodibromomethane	ND		0.50		ug/L			02/23/11 09:36	1
1,2-Dichlorobenzene	ND		0.50		ug/L			02/23/11 09:36	1
1,3-Dichlorobenzene	ND		0.50		ug/L			02/23/11 09:36	1
1,4-Dichlorobenzene	ND		0.50		ug/L			02/23/11 09:36	1
1,3-Dichloropropane	ND		1.0		ug/L			02/23/11 09:36	1
1,1-Dichloropropene	ND		0.50		ug/L			02/23/11 09:36	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			02/23/11 09:36	1
Ethylene Dibromide	ND		0.50		ug/L			02/23/11 09:36	1
Dibromomethane	ND		0.50		ug/L			02/23/11 09:36	1
Dichlorodifluoromethane	ND		0.50		ug/L			02/23/11 09:36	1
1,1-Dichloroethane	ND		0.50		ug/L			02/23/11 09:36	1
1,2-Dichloroethane	ND		0.50		ug/L			02/23/11 09:36	1
1,1-Dichloroethene	ND		0.50		ug/L			02/23/11 09:36	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			02/23/11 09:36	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			02/23/11 09:36	1
1,2-Dichloropropane	ND		0.50		ug/L			02/23/11 09:36	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			02/23/11 09:36	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			02/23/11 09:36	1
Ethylbenzene	ND		0.50		ug/L			02/23/11 09:36	1
Hexachlorobutadiene	ND		1.0		ug/L			02/23/11 09:36	1
2-Hexanone	ND		50		ug/L			02/23/11 09:36	1
Isopropylbenzene	ND		0.50		ug/L			02/23/11 09:36	1
4-Isopropyltoluene	ND		1.0		ug/L			02/23/11 09:36	1
Methylene Chloride	ND		5.0		ug/L			02/23/11 09:36	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			02/23/11 09:36	1
Naphthalene	ND		1.0		ug/L			02/23/11 09:36	1
N-Propylbenzene	ND		1.0		ug/L			02/23/11 09:36	1
Styrene	ND		0.50		ug/L			02/23/11 09:36	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			02/23/11 09:36	1
1,1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			02/23/11 09:36	1
Tetrachloroethene	ND		0.50		ug/L			02/23/11 09:36	1
Toluene	ND		0.50		ug/L			02/23/11 09:36	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			02/23/11 09:36	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			02/23/11 09:36	1
1,1,1-Trichloroethane	ND		0.50		ug/L			02/23/11 09:36	1
1,1,2-Trichloroethane	ND		0.50		ug/L			02/23/11 09:36	1
Trichloroethene	ND		0.50		ug/L			02/23/11 09:36	1
Trichlorofluoromethane	ND		1.0		ug/L			02/23/11 09:36	1
1,2,3-Trichloropropane	ND		0.50		ug/L			02/23/11 09:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			02/23/11 09:36	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			02/23/11 09:36	1

# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33462-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 720-86644/5**

**Matrix: Water**

**Analysis Batch: 86644**

**Client Sample ID: MB 720-86644/5**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	ND		0.50		ug/L			02/23/11 09:36	1
Vinyl acetate	ND		10		ug/L			02/23/11 09:36	1
Vinyl chloride	ND		0.50		ug/L			02/23/11 09:36	1
m-Xylene & p-Xylene	ND		1.0		ug/L			02/23/11 09:36	1
o-Xylene	ND		0.50		ug/L			02/23/11 09:36	1
Xylenes, Total	ND		1.0		ug/L			02/23/11 09:36	1
2,2-Dichloropropane	ND		0.50		ug/L			02/23/11 09:36	1

Surrogate	MB % Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	101		67 - 130		02/23/11 09:36	1
1,2-Dichloroethane-d4 (Surr)	104		67 - 130		02/23/11 09:36	1
Toluene-d8 (Surr)	101		70 - 130		02/23/11 09:36	1

**Lab Sample ID: LCS 720-86644/6**

**Matrix: Water**

**Analysis Batch: 86644**

**Client Sample ID: LCS 720-86644/6**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Methyl tert-butyl ether	25.0	24.4		ug/L		98	62 - 130
Acetone	125	87.0		ug/L		70	26 - 180
Benzene	25.0	24.9		ug/L		99	82 - 127
Dichlorobromomethane	25.0	27.4		ug/L		110	70 - 130
Bromobenzene	25.0	27.2		ug/L		109	79 - 127
Chlorobromomethane	25.0	25.0		ug/L		100	70 - 130
Bromoform	25.0	26.3		ug/L		105	68 - 136
Bromomethane	25.0	24.7		ug/L		99	43 - 151
2-Butanone (MEK)	125	108		ug/L		87	66 - 149
n-Butylbenzene	25.0	29.8		ug/L		119	79 - 142
sec-Butylbenzene	25.0	29.2		ug/L		117	81 - 134
tert-Butylbenzene	25.0	30.2		ug/L		121	82 - 135
Carbon disulfide	25.0	23.3		ug/L		93	68 - 137
Carbon tetrachloride	25.0	28.4		ug/L		114	77 - 146
Chlorobenzene	25.0	25.1		ug/L		100	70 - 130
Chloroethane	25.0	24.0		ug/L		96	62 - 138
Chloroform	25.0	25.3		ug/L		101	70 - 130
Chloromethane	25.0	21.2		ug/L		85	52 - 175
2-Chlorotoluene	25.0	27.6		ug/L		111	70 - 130
4-Chlorotoluene	25.0	26.9		ug/L		108	70 - 130
Chlorodibromomethane	25.0	28.2		ug/L		113	78 - 145
1,2-Dichlorobenzene	25.0	25.2		ug/L		101	70 - 130
1,3-Dichlorobenzene	25.0	26.3		ug/L		105	70 - 130
1,4-Dichlorobenzene	25.0	25.6		ug/L		102	87 - 118
1,3-Dichloropropane	25.0	25.3		ug/L		101	82 - 128
1,1-Dichloropropene	25.0	27.2		ug/L		109	70 - 130
1,2-Dibromo-3-Chloropropane	25.0	26.4		ug/L		106	72 - 136
Ethylene Dibromide	25.0	26.8		ug/L		107	70 - 130
Dibromomethane	25.0	24.7		ug/L		99	70 - 130
Dichlorodifluoromethane	25.0	19.1		ug/L		76	33 - 125
1,1-Dichloroethane	25.0	24.6		ug/L		98	70 - 130

# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33462-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 720-86644/6**

**Matrix: Water**

**Analysis Batch: 86644**

**Client Sample ID: LCS 720-86644/6**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec.	
							Limits	
1,2-Dichloroethane	25.0	24.7		ug/L		99	70 - 126	
1,1-Dichloroethene	25.0	24.7		ug/L		99	64 - 128	
cis-1,2-Dichloroethene	25.0	27.8		ug/L		111	70 - 130	
trans-1,2-Dichloroethene	25.0	21.8		ug/L		87	75 - 131	
1,2-Dichloropropane	25.0	24.4		ug/L		98	70 - 130	
cis-1,3-Dichloropropene	25.0	27.0		ug/L		108	88 - 137	
trans-1,3-Dichloropropene	25.0	25.6		ug/L		102	83 - 140	
Ethylbenzene	25.0	27.0		ug/L		108	86 - 135	
Hexachlorobutadiene	25.0	30.7		ug/L		123	70 - 130	
2-Hexanone	125	116		ug/L		93	60 - 164	
Isopropylbenzene	25.0	30.4		ug/L		121	70 - 130	
4-Isopropyltoluene	25.0	29.2		ug/L		117	70 - 130	
Methylene Chloride	25.0	23.1		ug/L		92	73 - 147	
4-Methyl-2-pentanone (MIBK)	125	117		ug/L		94	63 - 165	
Naphthalene	25.0	28.8		ug/L		115	78 - 135	
N-Propylbenzene	25.0	27.6		ug/L		111	70 - 130	
Styrene	25.0	29.4		ug/L		118	70 - 130	
1,1,1,2-Tetrachloroethane	25.0	29.1		ug/L		117	70 - 130	
1,1,2,2-Tetrachloroethane	25.0	23.5		ug/L		94	70 - 130	
Tetrachloroethene	25.0	27.0		ug/L		108	70 - 130	
Toluene	25.0	24.8		ug/L		99	83 - 129	
1,2,3-Trichlorobenzene	25.0	29.5		ug/L		118	70 - 130	
1,2,4-Trichlorobenzene	25.0	29.8		ug/L		119	70 - 130	
1,1,1-Trichloroethane	25.0	28.4		ug/L		114	70 - 130	
1,1,2-Trichloroethane	25.0	24.7		ug/L		99	82 - 128	
Trichloroethene	25.0	26.4		ug/L		105	70 - 130	
Trichlorofluoromethane	25.0	25.7		ug/L		103	74 - 146	
1,2,3-Trichloropropane	25.0	25.0		ug/L		100	70 - 130	
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	26.7		ug/L		107	42 - 162	
1,2,4-Trimethylbenzene	25.0	29.1		ug/L		116	70 - 132	
1,3,5-Trimethylbenzene	25.0	30.3		ug/L		121	70 - 130	
Vinyl acetate	25.0	28.4		ug/L		114	43 - 163	
Vinyl chloride	25.0	24.5		ug/L		98	65 - 156	
m-Xylene & p-Xylene	50.0	56.6		ug/L		113	70 - 142	
o-Xylene	25.0	28.2		ug/L		113	89 - 136	
2,2-Dichloropropane	25.0	30.6		ug/L		122	70 - 140	

Surrogate	LCS LCS		Limits
	% Recovery	Qualifier	
4-Bromofluorobenzene	101		67 - 130
1,2-Dichloroethane-d4 (Surr)	101		67 - 130
Toluene-d8 (Surr)	103		70 - 130

**Lab Sample ID: LCSD 720-86644/7**

**Matrix: Water**

**Analysis Batch: 86644**

**Client Sample ID: LCSD 720-86644/7**

**Prep Type: Total/NA**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec.		RPD	
							Limits		RPD	Limit
Methyl tert-butyl ether	25.0	25.2		ug/L		101	62 - 130	3	20	
Acetone	125	86.6		ug/L		69	26 - 180	1	30	

TestAmerica San Francisco



# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33462-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCSD 720-86644/7**

**Matrix: Water**

**Analysis Batch: 86644**

**Client Sample ID: LCSD 720-86644/7**

**Prep Type: Total/NA**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec.		RPD	RPD Limit
							Limits	RPD		
Benzene	25.0	25.7		ug/L		103	82 - 127	3	20	
Dichlorobromomethane	25.0	28.2		ug/L		113	70 - 130	3	20	
Bromobenzene	25.0	28.1		ug/L		113	79 - 127	3	20	
Chlorobromomethane	25.0	25.8		ug/L		103	70 - 130	3	20	
Bromoform	25.0	26.7		ug/L		107	68 - 136	1	20	
Bromomethane	25.0	25.4		ug/L		102	43 - 151	3	20	
2-Butanone (MEK)	125	109		ug/L		87	66 - 149	0	20	
n-Butylbenzene	25.0	30.2		ug/L		121	79 - 142	1	20	
sec-Butylbenzene	25.0	29.7		ug/L		119	81 - 134	2	20	
tert-Butylbenzene	25.0	31.1		ug/L		124	82 - 135	3	20	
Carbon disulfide	25.0	23.8		ug/L		95	68 - 137	2	20	
Carbon tetrachloride	25.0	29.0		ug/L		116	77 - 146	2	20	
Chlorobenzene	25.0	25.6		ug/L		102	70 - 130	2	20	
Chloroethane	25.0	24.3		ug/L		97	62 - 138	1	20	
Chloroform	25.0	26.1		ug/L		104	70 - 130	3	20	
Chloromethane	25.0	21.3		ug/L		85	52 - 175	1	20	
2-Chlorotoluene	25.0	28.4		ug/L		114	70 - 130	3	20	
4-Chlorotoluene	25.0	27.8		ug/L		111	70 - 130	3	20	
Chlorodibromomethane	25.0	28.9		ug/L		116	78 - 145	3	20	
1,2-Dichlorobenzene	25.0	26.1		ug/L		104	70 - 130	3	20	
1,3-Dichlorobenzene	25.0	27.0		ug/L		108	70 - 130	3	20	
1,4-Dichlorobenzene	25.0	26.3		ug/L		105	87 - 118	3	20	
1,3-Dichloropropane	25.0	25.7		ug/L		103	82 - 128	2	20	
1,1-Dichloropropene	25.0	27.4		ug/L		110	70 - 130	1	20	
1,2-Dibromo-3-Chloropropane	25.0	26.9		ug/L		108	72 - 136	2	20	
Ethylene Dibromide	25.0	27.4		ug/L		110	70 - 130	2	20	
Dibromomethane	25.0	25.0		ug/L		100	70 - 130	1	20	
Dichlorodifluoromethane	25.0	19.1		ug/L		77	33 - 125	0	20	
1,1-Dichloroethane	25.0	25.4		ug/L		101	70 - 130	3	20	
1,2-Dichloroethane	25.0	25.5		ug/L		102	70 - 126	3	20	
1,1-Dichloroethene	25.0	25.2		ug/L		101	64 - 128	2	20	
cis-1,2-Dichloroethene	25.0	28.9		ug/L		116	70 - 130	4	20	
trans-1,2-Dichloroethene	25.0	22.1		ug/L		88	75 - 131	1	20	
1,2-Dichloropropane	25.0	25.0		ug/L		100	70 - 130	2	20	
cis-1,3-Dichloropropene	25.0	27.8		ug/L		111	88 - 137	3	20	
trans-1,3-Dichloropropene	25.0	26.1		ug/L		104	83 - 140	2	20	
Ethylbenzene	25.0	27.5		ug/L		110	86 - 135	2	20	
Hexachlorobutadiene	25.0	31.0		ug/L		124	70 - 130	1	20	
2-Hexanone	125	116		ug/L		93	60 - 164	0	20	
Isopropylbenzene	25.0	30.7		ug/L		123	70 - 130	1	20	
4-Isopropyltoluene	25.0	29.9		ug/L		120	70 - 130	2	20	
Methylene Chloride	25.0	24.0		ug/L		96	73 - 147	4	20	
4-Methyl-2-pentanone (MIBK)	125	116		ug/L		93	63 - 165	1	20	
Naphthalene	25.0	29.5		ug/L		118	78 - 135	2	20	
N-Propylbenzene	25.0	28.5		ug/L		114	70 - 130	3	20	
Styrene	25.0	29.8		ug/L		119	70 - 130	1	20	
1,1,1,2-Tetrachloroethane	25.0	29.9		ug/L		120	70 - 130	3	20	
1,1,2,2-Tetrachloroethane	25.0	24.0		ug/L		96	70 - 130	2	20	
Tetrachloroethene	25.0	27.4		ug/L		110	70 - 130	2	20	
Toluene	25.0	25.4		ug/L		102	83 - 129	2	20	

# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33462-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 720-86644/7

Matrix: Water

Analysis Batch: 86644

Client Sample ID: LCSD 720-86644/7

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec Limits	RPD	RPD Limit
1,2,3-Trichlorobenzene	25.0	30.4		ug/L		122	70 - 130	3	20
1,2,4-Trichlorobenzene	25.0	30.5		ug/L		122	70 - 130	2	20
1,1,1-Trichloroethane	25.0	29.1		ug/L		116	70 - 130	2	20
1,1,2-Trichloroethane	25.0	25.0		ug/L		100	82 - 128	1	20
Trichloroethene	25.0	26.9		ug/L		108	70 - 130	2	20
Trichlorofluoromethane	25.0	25.7		ug/L		103	74 - 146	0	20
1,2,3-Trichloropropane	25.0	25.2		ug/L		101	70 - 130	1	20
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	27.2		ug/L		109	42 - 162	2	20
1,2,4-Trimethylbenzene	25.0	29.8		ug/L		119	70 - 132	3	20
1,3,5-Trimethylbenzene	25.0	31.1		ug/L		124	70 - 130	3	20
Vinyl acetate	25.0	28.0		ug/L		112	43 - 163	1	20
Vinyl chloride	25.0	24.8		ug/L		99	65 - 156	1	20
m-Xylene & p-Xylene	50.0	57.4		ug/L		115	70 - 142	1	20
o-Xylene	25.0	28.8		ug/L		115	89 - 136	2	20
2,2-Dichloropropane	25.0	31.5		ug/L		126	70 - 140	3	20

Surrogate	LCSD % Recovery	LCSD Qualifier	LCSD Limits
4-Bromofluorobenzene	101		67 - 130
1,2-Dichloroethane-d4 (Surr)	101		67 - 130
Toluene-d8 (Surr)	103		70 - 130

## Method: 8270C SIM - PAHs by GCMS (SIM)

Lab Sample ID: MB 720-86522/1-A

Matrix: Solid

Analysis Batch: 86570

Client Sample ID: MB 720-86522/1-A

Prep Type: Total/NA

Prep Batch: 86522

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		5.0		ug/Kg		02/18/11 19:28	02/22/11 15:06	1
Acenaphthene	ND		5.0		ug/Kg		02/18/11 19:28	02/22/11 15:06	1
Acenaphthylene	ND		5.0		ug/Kg		02/18/11 19:28	02/22/11 15:06	1
Fluorene	ND		5.0		ug/Kg		02/18/11 19:28	02/22/11 15:06	1
Phenanthrene	ND		5.0		ug/Kg		02/18/11 19:28	02/22/11 15:06	1
Anthracene	ND		5.0		ug/Kg		02/18/11 19:28	02/22/11 15:06	1
Benzo[a]anthracene	ND		5.0		ug/Kg		02/18/11 19:28	02/22/11 15:06	1
Chrysene	ND		5.0		ug/Kg		02/18/11 19:28	02/22/11 15:06	1
Benzo[a]pyrene	ND		5.0		ug/Kg		02/18/11 19:28	02/22/11 15:06	1
Benzo[b]fluoranthene	ND		5.0		ug/Kg		02/18/11 19:28	02/22/11 15:06	1
Benzo[k]fluoranthene	ND		5.0		ug/Kg		02/18/11 19:28	02/22/11 15:06	1
Benzo[g,h,i]perylene	ND		5.0		ug/Kg		02/18/11 19:28	02/22/11 15:06	1
Indeno[1,2,3-cd]pyrene	ND		5.0		ug/Kg		02/18/11 19:28	02/22/11 15:06	1
Fluoranthene	ND		5.0		ug/Kg		02/18/11 19:28	02/22/11 15:06	1
Pyrene	ND		5.0		ug/Kg		02/18/11 19:28	02/22/11 15:06	1
Dibenz(a,h)anthracene	ND		5.0		ug/Kg		02/18/11 19:28	02/22/11 15:06	1

Surrogate	MB % Recovery	MB Qualifier	MB Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	83		33 - 120	02/18/11 19:28	02/22/11 15:06	1
Terphenyl-d14	104		35 - 146	02/18/11 19:28	02/22/11 15:06	1

# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33462-1

## Method: 8270C SIM - PAHs by GCMS (SIM) (Continued)

**Lab Sample ID: LCS 720-86522/2-A**

**Matrix: Solid**

**Analysis Batch: 86570**

**Client Sample ID: LCS 720-86522/2-A**

**Prep Type: Total/NA**

**Prep Batch: 86522**

Analyte	Spike Added	LCS	LCS	Unit	D	% Rec	% Rec. Limits
		Result	Qualifier				
Naphthalene	330	283		ug/Kg		86	46 - 120
Acenaphthene	330	311		ug/Kg		94	49 - 120
Acenaphthylene	330	315		ug/Kg		95	52 - 120
Fluorene	330	297		ug/Kg		90	52 - 120
Phenanthrene	330	296		ug/Kg		90	48 - 120
Anthracene	330	315		ug/Kg		95	52 - 120
Benzo[a]anthracene	330	302		ug/Kg		91	52 - 120
Chrysene	330	306		ug/Kg		93	54 - 120
Benzo[a]pyrene	330	343		ug/Kg		104	54 - 120
Benzo[b]fluoranthene	330	340		ug/Kg		103	51 - 120
Benzo[k]fluoranthene	330	348		ug/Kg		105	56 - 120
Benzo[g,h,i]perylene	330	324		ug/Kg		98	48 - 120
Indeno[1,2,3-cd]pyrene	330	323		ug/Kg		98	48 - 120
Fluoranthene	330	324		ug/Kg		98	57 - 120
Pyrene	330	365		ug/Kg		111	53 - 120
Dibenz(a,h)anthracene	330	308		ug/Kg		93	50 - 120

Surrogate	LCS	LCS	Limits
	% Recovery	Qualifier	
2-Fluorobiphenyl	94		33 - 120
Terphenyl-d14	103		35 - 146

**Lab Sample ID: LCSD 720-86522/3-A**

**Matrix: Solid**

**Analysis Batch: 86570**

**Client Sample ID: LCSD 720-86522/3-A**

**Prep Type: Total/NA**

**Prep Batch: 86522**

Analyte	Spike Added	LCSD	LCSD	Unit	D	% Rec	% Rec. Limits	RPD	
		Result	Qualifier					RPD	Limit
Naphthalene	331	266		ug/Kg		80	46 - 120	6	20
Acenaphthene	331	290		ug/Kg		88	49 - 120	7	20
Acenaphthylene	331	296		ug/Kg		89	52 - 120	6	20
Fluorene	331	281		ug/Kg		85	52 - 120	6	20
Phenanthrene	331	281		ug/Kg		85	48 - 120	5	20
Anthracene	331	307		ug/Kg		93	52 - 120	3	20
Benzo[a]anthracene	331	287		ug/Kg		87	52 - 120	5	20
Chrysene	331	304		ug/Kg		92	54 - 120	1	20
Benzo[a]pyrene	331	331		ug/Kg		100	54 - 120	3	20
Benzo[b]fluoranthene	331	313		ug/Kg		95	51 - 120	8	20
Benzo[k]fluoranthene	331	359		ug/Kg		108	56 - 120	3	20
Benzo[g,h,i]perylene	331	324		ug/Kg		98	48 - 120	0	20
Indeno[1,2,3-cd]pyrene	331	326		ug/Kg		99	48 - 120	1	20
Fluoranthene	331	328		ug/Kg		99	57 - 120	1	20
Pyrene	331	345		ug/Kg		104	53 - 120	6	20
Dibenz(a,h)anthracene	331	314		ug/Kg		95	50 - 120	2	20

Surrogate	LCSD	LCSD	Limits
	% Recovery	Qualifier	
2-Fluorobiphenyl	86		33 - 120
Terphenyl-d14	98		35 - 146



# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33462-1

## Method: 8270C SIM - PAHs by GCMS (SIM) (Continued)

**Lab Sample ID: MB 720-86576/1-A**

**Matrix: Water**

**Analysis Batch: 86654**

**Client Sample ID: MB 720-86576/1-A**

**Prep Type: Total/NA**

**Prep Batch: 86576**

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Naphthalene	ND		0.10		ug/L		02/22/11 11:51	02/23/11 11:14	1
Acenaphthene	ND		0.10		ug/L		02/22/11 11:51	02/23/11 11:14	1
Acenaphthylene	ND		0.10		ug/L		02/22/11 11:51	02/23/11 11:14	1
Fluorene	ND		0.10		ug/L		02/22/11 11:51	02/23/11 11:14	1
Phenanthrene	ND		0.10		ug/L		02/22/11 11:51	02/23/11 11:14	1
Anthracene	ND		0.10		ug/L		02/22/11 11:51	02/23/11 11:14	1
Benzo[a]anthracene	ND		0.10		ug/L		02/22/11 11:51	02/23/11 11:14	1
Chrysene	ND		0.10		ug/L		02/22/11 11:51	02/23/11 11:14	1
Benzo[a]pyrene	ND		0.10		ug/L		02/22/11 11:51	02/23/11 11:14	1
Benzo[b]fluoranthene	ND		0.10		ug/L		02/22/11 11:51	02/23/11 11:14	1
Benzo[k]fluoranthene	ND		0.10		ug/L		02/22/11 11:51	02/23/11 11:14	1
Benzo[g,h,i]perylene	ND		0.10		ug/L		02/22/11 11:51	02/23/11 11:14	1
Indeno[1,2,3-cd]pyrene	ND		0.10		ug/L		02/22/11 11:51	02/23/11 11:14	1
Fluoranthene	ND		0.10		ug/L		02/22/11 11:51	02/23/11 11:14	1
Pyrene	ND		0.10		ug/L		02/22/11 11:51	02/23/11 11:14	1
Dibenz(a,h)anthracene	ND		0.10		ug/L		02/22/11 11:51	02/23/11 11:14	1
Surrogate	MB MB		Limits				Prepared	Analyzed	Dil Fac
	% Recovery	Qualifier							
2-Fluorobiphenyl	49		29 - 120				02/22/11 11:51	02/23/11 11:14	1
Terphenyl-d14	80		45 - 120				02/22/11 11:51	02/23/11 11:14	1

**Lab Sample ID: LCS 720-86576/2-A**

**Matrix: Water**

**Analysis Batch: 86654**

**Client Sample ID: LCS 720-86576/2-A**

**Prep Type: Total/NA**

**Prep Batch: 86576**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Acenaphthene	10.0	5.37		ug/L		54	37 - 120
Acenaphthylene	10.0	5.09		ug/L		51	36 - 120
Fluorene	10.0	6.34		ug/L		63	39 - 120
Phenanthrene	10.0	5.91		ug/L		59	44 - 120
Anthracene	10.0	6.61		ug/L		66	45 - 120
Benzo[a]anthracene	10.0	8.01		ug/L		80	48 - 120
Chrysene	10.0	8.77		ug/L		88	52 - 120
Benzo[a]pyrene	10.0	8.22		ug/L		82	50 - 120
Benzo[b]fluoranthene	10.0	8.53		ug/L		85	48 - 120
Benzo[k]fluoranthene	10.0	8.32		ug/L		83	50 - 120
Benzo[g,h,i]perylene	10.0	8.03		ug/L		80	49 - 120
Indeno[1,2,3-cd]pyrene	10.0	8.25		ug/L		83	48 - 120
Fluoranthene	10.0	7.30		ug/L		73	46 - 120
Pyrene	10.0	7.72		ug/L		77	50 - 120
Dibenz(a,h)anthracene	10.0	7.81		ug/L		78	48 - 101
Surrogate	LCS LCS		Limits				
	% Recovery	Qualifier					
2-Fluorobiphenyl	51		29 - 120				
Terphenyl-d14	83		45 - 120				

# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33462-1

## Method: 8270C SIM - PAHs by GCMS (SIM) (Continued)

**Lab Sample ID:** LCSD 720-86576/3-A  
**Matrix:** Water  
**Analysis Batch:** 86654

**Client Sample ID:** LCSD 720-86576/3-A  
**Prep Type:** Total/NA  
**Prep Batch:** 86576

Analyte	Spike Added	LCSD	LCSD	Unit	D	% Rec	% Rec.		RPD Limit
		Result	Qualifier				Limits	RPD	
Naphthalene	10.0	5.51		ug/L		55	33 - 120	6	35
Acenaphthene	10.0	5.86		ug/L		59	37 - 120	9	35
Acenaphthylene	10.0	5.58		ug/L		56	36 - 120	9	35
Fluorene	10.0	6.76		ug/L		68	39 - 120	6	35
Phenanthrene	10.0	5.96		ug/L		60	44 - 120	1	35
Anthracene	10.0	6.51		ug/L		65	45 - 120	1	35
Benzo[a]anthracene	10.0	7.77		ug/L		78	48 - 120	3	35
Chrysene	10.0	8.59		ug/L		86	52 - 120	2	35
Benzo[a]pyrene	10.0	7.88		ug/L		79	50 - 120	4	35
Benzo[b]fluoranthene	10.0	8.18		ug/L		82	48 - 120	4	35
Benzo[k]fluoranthene	10.0	7.98		ug/L		80	50 - 120	4	35
Benzo[g,h,i]perylene	10.0	7.63		ug/L		76	49 - 120	5	35
Indeno[1,2,3-cd]pyrene	10.0	7.77		ug/L		78	48 - 120	6	35
Fluoranthene	10.0	6.78		ug/L		68	46 - 120	7	35
Pyrene	10.0	7.20		ug/L		72	50 - 120	7	35
Dibenz(a,h)anthracene	10.0	7.40		ug/L		74	48 - 101	5	35

Surrogate	LCSD	LCSD	Limits
	% Recovery	Qualifier	
2-Fluorobiphenyl	56		29 - 120
Terphenyl-d14	80		45 - 120

## Method: 8015B - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

**Lab Sample ID:** MB 720-86502/1-A  
**Matrix:** Solid  
**Analysis Batch:** 86546

**Client Sample ID:** MB 720-86502/1-A  
**Prep Type:** Total/NA  
**Prep Batch:** 86502

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Diesel Range Organics [C10-C28]	ND		1.0		mg/Kg		02/18/11 14:29	02/23/11 03:11	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		02/18/11 14:29	02/23/11 03:11	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	% Recovery	Qualifier				
p-Terphenyl	137	X	31 - 114	02/18/11 14:29	02/23/11 03:11	1

**Lab Sample ID:** LCS 720-86502/2-A  
**Matrix:** Solid  
**Analysis Batch:** 86546

**Client Sample ID:** LCS 720-86502/2-A  
**Prep Type:** Total/NA  
**Prep Batch:** 86502

Analyte	Spike Added	LCS	LCS	Unit	D	% Rec	% Rec.	
		Result	Qualifier				Limits	RPD
Diesel Range Organics [C10-C28]	82.3	84.5		mg/Kg		103	59 - 134	

Surrogate	LCS	LCS	Limits
	% Recovery	Qualifier	
p-Terphenyl	108		31 - 114

# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33462-1

## Method: 8015B - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics) (Continued)

**Lab Sample ID: LCSD 720-86502/3-A**  
**Matrix: Solid**  
**Analysis Batch: 86546**

**Client Sample ID: LCSD 720-86502/3-A**  
**Prep Type: Total/NA**  
**Prep Batch: 86502**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec.		RPD
							Limits	RPD	
Diesel Range Organics [C10-C28]	82.7	83.7		mg/Kg		101	59 - 134	1	35
<b>Surrogate</b>		<b>LCS</b>	<b>LCS</b>						
<i>p</i> -Terphenyl		103					31 - 114		

**Lab Sample ID: MB 720-86540/1-A**  
**Matrix: Water**  
**Analysis Batch: 86545**

**Client Sample ID: MB 720-86540/1-A**  
**Prep Type: Total/NA**  
**Prep Batch: 86540**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Motor Oil Range Organics [C24-C36]	ND		99		ug/L		02/19/11 10:22	02/22/11 09:42	1
<b>Surrogate</b>		<b>MB</b>	<b>MB</b>						
<i>p</i> -Terphenyl		105					02/19/11 10:22	02/22/11 09:42	1

**Lab Sample ID: LCS 720-86540/2-A**  
**Matrix: Water**  
**Analysis Batch: 86545**

**Client Sample ID: LCS 720-86540/2-A**  
**Prep Type: Total/NA**  
**Prep Batch: 86540**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec.	
							Limits	RPD
Diesel Range Organics [C10-C28]	2500	1820		ug/L		73	40 - 150	
<b>Surrogate</b>		<b>LCS</b>	<b>LCS</b>					
<i>p</i> -Terphenyl		109					23 - 156	

**Lab Sample ID: LCSD 720-86540/3-A**  
**Matrix: Water**  
**Analysis Batch: 86545**

**Client Sample ID: LCSD 720-86540/3-A**  
**Prep Type: Total/NA**  
**Prep Batch: 86540**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec.		RPD
							Limits	RPD	
Diesel Range Organics [C10-C28]	2500	1860		ug/L		75	40 - 150	2	35
<b>Surrogate</b>		<b>LCS</b>	<b>LCS</b>						
<i>p</i> -Terphenyl		112					23 - 156		

## Method: 6010B - Metals (ICP)

**Lab Sample ID: MB 720-86598/1-A**  
**Matrix: Water**  
**Analysis Batch: 86680**

**Client Sample ID: MB 720-86598/1-A**  
**Prep Type: Total/NA**  
**Prep Batch: 86598**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.010		mg/L		02/22/11 14:00	02/23/11 11:40	1

# Quality Control Data

Client: ACC Environmental Consultants  
 Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33462-1

## Method: 6010B - Metals (ICP) (Continued)

**Lab Sample ID: MB 720-86598/1-A**  
**Matrix: Water**  
**Analysis Batch: 86680**

**Client Sample ID: MB 720-86598/1-A**  
**Prep Type: Total/NA**  
**Prep Batch: 86598**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		0.0025		mg/L		02/22/11 14:00	02/23/11 11:40	1
Chromium	ND		0.010		mg/L		02/22/11 14:00	02/23/11 11:40	1
Cobalt	ND		0.0020		mg/L		02/22/11 14:00	02/23/11 11:40	1
Copper	ND		0.020		mg/L		02/22/11 14:00	02/23/11 11:40	1
Lead	ND		0.0050		mg/L		02/22/11 14:00	02/23/11 11:40	1
Molybdenum	ND		0.010		mg/L		02/22/11 14:00	02/23/11 11:40	1
Nickel	ND		0.010		mg/L		02/22/11 14:00	02/23/11 11:40	1
Selenium	ND		0.020		mg/L		02/22/11 14:00	02/23/11 11:40	1
Silver	ND		0.0050		mg/L		02/22/11 14:00	02/23/11 11:40	1
Thallium	ND		0.010		mg/L		02/22/11 14:00	02/23/11 11:40	1
Vanadium	ND		0.010		mg/L		02/22/11 14:00	02/23/11 11:40	1
Zinc	ND		0.020		mg/L		02/22/11 14:00	02/23/11 11:40	1

**Lab Sample ID: MB 720-86598/1-A**  
**Matrix: Water**  
**Analysis Batch: 86717**

**Client Sample ID: MB 720-86598/1-A**  
**Prep Type: Total/NA**  
**Prep Batch: 86598**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	ND		0.0050		mg/L		02/22/11 14:00	02/23/11 19:34	1
Beryllium	ND		0.0020		mg/L		02/22/11 14:00	02/23/11 19:34	1

**Lab Sample ID: LCS 720-86598/2-A**  
**Matrix: Water**  
**Analysis Batch: 86680**

**Client Sample ID: LCS 720-86598/2-A**  
**Prep Type: Total/NA**  
**Prep Batch: 86598**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Antimony	1.00	0.967		mg/L		97	80 - 120
Arsenic	1.00	0.895		mg/L		89	80 - 120
Cadmium	1.00	0.950		mg/L		95	80 - 120
Chromium	1.00	1.04		mg/L		104	80 - 120
Cobalt	1.00	0.979		mg/L		98	80 - 120
Copper	1.00	1.06		mg/L		106	80 - 120
Lead	1.00	1.01		mg/L		101	80 - 120
Molybdenum	1.00	1.03		mg/L		103	80 - 120
Nickel	1.00	1.00		mg/L		100	80 - 120
Selenium	1.00	0.964		mg/L		96	80 - 120
Silver	0.500	0.518		mg/L		104	80 - 120
Thallium	1.00	1.02		mg/L		102	80 - 120
Vanadium	1.00	1.02		mg/L		102	80 - 120
Zinc	1.00	0.946		mg/L		95	80 - 120

**Lab Sample ID: LCS 720-86598/2-A**  
**Matrix: Water**  
**Analysis Batch: 86717**

**Client Sample ID: LCS 720-86598/2-A**  
**Prep Type: Total/NA**  
**Prep Batch: 86598**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Barium	1.00	0.956		mg/L		96	80 - 120
Beryllium	1.00	0.949		mg/L		95	80 - 120



# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33462-1

## Method: 6010B - Metals (ICP) (Continued)

**Lab Sample ID: LCSD 720-86598/3-A**  
**Matrix: Water**  
**Analysis Batch: 86680**

**Client Sample ID: LCSD 720-86598/3-A**  
**Prep Type: Total/NA**  
**Prep Batch: 86598**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec.		RPD
							Limits	RPD	
Antimony	1.00	0.964		mg/L		96	80 - 120	0	20
Arsenic	1.00	0.890		mg/L		89	80 - 120	1	20
Cadmium	1.00	0.944		mg/L		94	80 - 120	1	20
Chromium	1.00	1.04		mg/L		104	80 - 120	1	20
Cobalt	1.00	0.973		mg/L		97	80 - 120	1	20
Copper	1.00	1.06		mg/L		106	80 - 120	1	20
Lead	1.00	0.998		mg/L		100	80 - 120	1	20
Molybdenum	1.00	1.03		mg/L		103	80 - 120	1	20
Nickel	1.00	0.991		mg/L		99	80 - 120	1	20
Selenium	1.00	0.956		mg/L		96	80 - 120	1	20
Silver	0.500	0.514		mg/L		103	80 - 120	1	20
Thallium	1.00	1.01		mg/L		101	80 - 120	1	20
Vanadium	1.00	1.01		mg/L		101	80 - 120	0	20
Zinc	1.00	0.940		mg/L		94	80 - 120	1	20

**Lab Sample ID: LCSD 720-86598/3-A**  
**Matrix: Water**  
**Analysis Batch: 86717**

**Client Sample ID: LCSD 720-86598/3-A**  
**Prep Type: Total/NA**  
**Prep Batch: 86598**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec.		RPD
							Limits	RPD	
Barium	1.00	0.926		mg/L		93	80 - 120	3	20
Beryllium	1.00	0.920		mg/L		92	80 - 120	3	20

**Lab Sample ID: 720-33462-1 MS**  
**Matrix: Water**  
**Analysis Batch: 86680**

**Client Sample ID: SB-6**  
**Prep Type: Total/NA**  
**Prep Batch: 86598**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS		Unit	D	% Rec	% Rec.	
				Result	Qualifier				Limits	RPD
Antimony	ND		1.00	0.978		mg/L		97	75 - 125	
Arsenic	ND		1.00	0.944		mg/L		94	75 - 125	
Cadmium	ND		1.00	0.897		mg/L		90	75 - 125	
Chromium	ND		1.00	1.01		mg/L		101	75 - 125	
Cobalt	ND		1.00	0.889		mg/L		89	75 - 125	
Copper	ND		1.00	1.04		mg/L		104	75 - 125	
Lead	ND		1.00	0.886		mg/L		89	75 - 125	
Molybdenum	0.011		1.00	0.991		mg/L		98	75 - 125	
Nickel	ND		1.00	0.906		mg/L		91	75 - 125	
Selenium	ND		1.00	0.996		mg/L		100	75 - 125	
Silver	ND		0.500	0.548		mg/L		110	75 - 125	
Thallium	ND		1.00	0.837		mg/L		84	75 - 125	
Vanadium	ND		1.00	1.02		mg/L		102	75 - 125	
Zinc	0.031		1.00	0.933		mg/L		90	75 - 125	

**Lab Sample ID: 720-33462-1 MS**  
**Matrix: Water**  
**Analysis Batch: 86717**

**Client Sample ID: SB-6**  
**Prep Type: Total/NA**  
**Prep Batch: 86598**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS		Unit	D	% Rec	% Rec.	
				Result	Qualifier				Limits	RPD
Barium	0.11		1.00	1.05		mg/L		93	75 - 125	
Beryllium	ND		1.00	0.929		mg/L		93	75 - 125	

# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33462-1

## Method: 6010B - Metals (ICP) (Continued)

**Lab Sample ID: 720-33462-1 MSD**

**Matrix: Water**

**Analysis Batch: 86680**

**Client Sample ID: SB-6**

**Prep Type: Total/NA**

**Prep Batch: 86598**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	% Rec	% Rec.		RPD
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD	Limit
Antimony	ND		1.00	1.02		mg/L		101	75 - 125	4	25
Arsenic	ND		1.00	0.979		mg/L		98	75 - 125	4	25
Cadmium	ND		1.00	0.930		mg/L		93	75 - 125	4	25
Chromium	ND		1.00	1.02		mg/L		102	75 - 125	1	25
Cobalt	ND		1.00	0.924		mg/L		92	75 - 125	4	25
Copper	ND		1.00	1.05		mg/L		105	75 - 125	1	25
Lead	ND		1.00	0.925		mg/L		93	75 - 125	4	25
Molybdenum	0.011		1.00	1.03		mg/L		102	75 - 125	4	25
Nickel	ND		1.00	0.942		mg/L		94	75 - 125	4	25
Selenium	ND		1.00	1.04		mg/L		104	75 - 125	4	25
Silver	ND		0.500	0.553		mg/L		111	75 - 125	1	25
Thallium	ND		1.00	0.872		mg/L		87	75 - 125	4	25
Vanadium	ND		1.00	1.02		mg/L		102	75 - 125	1	25
Zinc	0.031		1.00	0.968		mg/L		94	75 - 125	4	25

**Lab Sample ID: 720-33462-1 MSD**

**Matrix: Water**

**Analysis Batch: 86717**

**Client Sample ID: SB-6**

**Prep Type: Total/NA**

**Prep Batch: 86598**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	% Rec	% Rec.		RPD
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD	Limit
Barium	0.11		1.00	1.06		mg/L		95	75 - 125	2	25
Beryllium	ND		1.00	0.950		mg/L		95	75 - 125	2	25

**Lab Sample ID: MB 720-86614/1-A**

**Matrix: Solid**

**Analysis Batch: 86683**

**Client Sample ID: MB 720-86614/1-A**

**Prep Type: Total/NA**

**Prep Batch: 86614**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	ND		0.50		mg/Kg		02/22/11 16:31	02/23/11 11:27	1
Arsenic	ND		1.0		mg/Kg		02/22/11 16:31	02/23/11 11:27	1
Barium	ND		0.50		mg/Kg		02/22/11 16:31	02/23/11 11:27	1
Beryllium	ND		0.10		mg/Kg		02/22/11 16:31	02/23/11 11:27	1
Cadmium	ND		0.12		mg/Kg		02/22/11 16:31	02/23/11 11:27	1
Chromium	ND		0.50		mg/Kg		02/22/11 16:31	02/23/11 11:27	1
Cobalt	ND		0.20		mg/Kg		02/22/11 16:31	02/23/11 11:27	1
Copper	ND		1.5		mg/Kg		02/22/11 16:31	02/23/11 11:27	1
Lead	ND		0.50		mg/Kg		02/22/11 16:31	02/23/11 11:27	1
Molybdenum	ND		0.50		mg/Kg		02/22/11 16:31	02/23/11 11:27	1
Nickel	ND		0.50		mg/Kg		02/22/11 16:31	02/23/11 11:27	1
Selenium	ND		1.0		mg/Kg		02/22/11 16:31	02/23/11 11:27	1
Silver	ND		0.25		mg/Kg		02/22/11 16:31	02/23/11 11:27	1
Thallium	ND		0.50		mg/Kg		02/22/11 16:31	02/23/11 11:27	1
Vanadium	ND		0.50		mg/Kg		02/22/11 16:31	02/23/11 11:27	1
Zinc	ND		1.5		mg/Kg		02/22/11 16:31	02/23/11 11:27	1

# Quality Control Data

Client: ACC Environmental Consultants  
 Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33462-1

## Method: 6010B - Metals (ICP) (Continued)

**Lab Sample ID: LCS 720-86614/2-A**

**Matrix: Solid**

**Analysis Batch: 86683**

**Client Sample ID: LCS 720-86614/2-A**

**Prep Type: Total/NA**

**Prep Batch: 86614**

Analyte	Spike	LCS	LCS	Unit	D	% Rec	% Rec.	
	Added	Result	Qualifier				Limits	
Antimony	50.0	46.9		mg/Kg		94	80 - 120	
Arsenic	50.0	45.4		mg/Kg		91	80 - 120	
Barium	50.0	47.3		mg/Kg		95	80 - 120	
Beryllium	50.0	48.5		mg/Kg		97	80 - 120	
Cadmium	50.0	47.4		mg/Kg		95	80 - 120	
Chromium	50.0	47.4		mg/Kg		95	80 - 120	
Cobalt	50.0	48.8		mg/Kg		98	80 - 120	
Copper	50.0	50.3		mg/Kg		101	80 - 120	
Lead	50.0	50.0		mg/Kg		100	80 - 120	
Molybdenum	50.0	51.3		mg/Kg		103	80 - 120	
Nickel	50.0	50.1		mg/Kg		100	80 - 120	
Selenium	50.0	48.2		mg/Kg		96	80 - 120	
Silver	25.0	24.2		mg/Kg		97	80 - 120	
Thallium	50.0	50.3		mg/Kg		101	80 - 120	
Vanadium	50.0	49.3		mg/Kg		99	80 - 120	
Zinc	50.0	48.2		mg/Kg		96	80 - 120	

**Lab Sample ID: LCSD 720-86614/3-A**

**Matrix: Solid**

**Analysis Batch: 86683**

**Client Sample ID: LCSD 720-86614/3-A**

**Prep Type: Total/NA**

**Prep Batch: 86614**

Analyte	Spike	LCSD	LCSD	Unit	D	% Rec	% Rec.		RPD	
	Added	Result	Qualifier				Limits	RPD	Limit	
Antimony	50.0	47.3		mg/Kg		95	80 - 120	1	20	
Arsenic	50.0	45.6		mg/Kg		91	80 - 120	0	20	
Barium	50.0	47.9		mg/Kg		96	80 - 120	1	20	
Beryllium	50.0	49.2		mg/Kg		98	80 - 120	1	20	
Cadmium	50.0	47.5		mg/Kg		95	80 - 120	0	20	
Chromium	50.0	47.7		mg/Kg		95	80 - 120	1	20	
Cobalt	50.0	48.9		mg/Kg		98	80 - 120	0	20	
Copper	50.0	50.7		mg/Kg		101	80 - 120	1	20	
Lead	50.0	50.1		mg/Kg		100	80 - 120	0	20	
Molybdenum	50.0	51.8		mg/Kg		104	80 - 120	1	20	
Nickel	50.0	50.4		mg/Kg		101	80 - 120	1	20	
Selenium	50.0	48.3		mg/Kg		97	80 - 120	0	20	
Silver	25.0	24.4		mg/Kg		98	80 - 120	1	20	
Thallium	50.0	50.5		mg/Kg		101	80 - 120	0	20	
Vanadium	50.0	49.8		mg/Kg		100	80 - 120	1	20	
Zinc	50.0	48.3		mg/Kg		97	80 - 120	0	20	

**Lab Sample ID: LCSSRM 720-86614/25-A**

**Matrix: Solid**

**Analysis Batch: 86683**

**Client Sample ID: LCSSRM 720-86614/25-A**

**Prep Type: Total/NA**

**Prep Batch: 86614**

Analyte	Spike	LCSSRM	LCSSRM	Unit	D	% Rec	% Rec.	
	Added	Result	Qualifier				Limits	
Antimony	105	66.4		mg/Kg		63	11 - 101	
Arsenic	79.4	67.3		mg/Kg		85	69 - 119	
Barium	391	332		mg/Kg		85	61 - 117	
Beryllium	304	273		mg/Kg		90	56 - 102	
Cadmium	48.3	41.3		mg/Kg		85	67 - 118	
Chromium	171	149		mg/Kg		87	67 - 121	

# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33462-1

## Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCSSRM 720-86614/25-A

Matrix: Solid

Analysis Batch: 86683

Client Sample ID: LCSSRM 720-86614/25-A

Prep Type: Total/NA

Prep Batch: 86614

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	% Rec	% Rec. Limits
Cobalt	59.2	52.3		mg/Kg		88	64 - 133
Copper	327	296		mg/Kg		91	68 - 126
Lead	181	155		mg/Kg		86	62 - 113
Molybdenum	156	149		mg/Kg		96	62 - 128
Nickel	76.0	65.9		mg/Kg		87	65 - 117
Selenium	76.9	65.1		mg/Kg		85	63 - 126
Silver	29.1	26.8		mg/Kg		92	51 - 130
Thallium	192	163		mg/Kg		85	64 - 124
Vanadium	213	195		mg/Kg		91	67 - 123
Zinc	256	221		mg/Kg		86	62 - 110

## Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 720-86668/1-A

Matrix: Water

Analysis Batch: 86774

Client Sample ID: MB 720-86668/1-A

Prep Type: Total/NA

Prep Batch: 86668

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		02/23/11 11:20	02/24/11 13:46	1

Lab Sample ID: LCS 720-86668/2-A

Matrix: Water

Analysis Batch: 86774

Client Sample ID: LCS 720-86668/2-A

Prep Type: Total/NA

Prep Batch: 86668

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Mercury	0.0100	0.0105		mg/L		105	80 - 120

Lab Sample ID: LCSD 720-86668/3-A

Matrix: Water

Analysis Batch: 86774

Client Sample ID: LCSD 720-86668/3-A

Prep Type: Total/NA

Prep Batch: 86668

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Mercury	0.0100	0.0102		mg/L		102	80 - 120	3	20

Lab Sample ID: 720-33462-1 MS

Matrix: Water

Analysis Batch: 86774

Client Sample ID: SB-6

Prep Type: Total/NA

Prep Batch: 86668

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Mercury	ND		0.0100	0.0121		mg/L		121	75 - 125

Lab Sample ID: 720-33462-1 MSD

Matrix: Water

Analysis Batch: 86774

Client Sample ID: SB-6

Prep Type: Total/NA

Prep Batch: 86668

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Mercury	ND		0.0100	0.0120		mg/L		120	75 - 125	1	20

# Quality Control Data

Client: ACC Environmental Consultants  
 Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33462-1

## Method: 7471A - Mercury (CVAA)

**Lab Sample ID: MB 720-86571/1-A**  
**Matrix: Solid**  
**Analysis Batch: 86627**

**Client Sample ID: MB 720-86571/1-A**  
**Prep Type: Total/NA**  
**Prep Batch: 86571**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.010		mg/Kg		02/22/11 11:04	02/22/11 17:12	1

**Lab Sample ID: LCS 720-86571/2-A**  
**Matrix: Solid**  
**Analysis Batch: 86627**

**Client Sample ID: LCS 720-86571/2-A**  
**Prep Type: Total/NA**  
**Prep Batch: 86571**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Mercury	0.833	0.829		mg/Kg		100	80 - 120

**Lab Sample ID: LCSD 720-86571/3-A**  
**Matrix: Solid**  
**Analysis Batch: 86627**

**Client Sample ID: LCSD 720-86571/3-A**  
**Prep Type: Total/NA**  
**Prep Batch: 86571**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Mercury	0.833	0.858		mg/Kg		103	80 - 120	3	20

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# QC Association Summary

Client: ACC Environmental Consultants  
 Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33462-1

## GC/MS VOA

### Analysis Batch: 86515

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33462-2	SB-7	Total/NA	Solid	8260B	86562
MB 720-86562/1-A	MB 720-86562/1-A	Total/NA	Solid	8260B	86562
LCS 720-86562/2-A	LCS 720-86562/2-A	Total/NA	Solid	8260B	86562
LCSD 720-86562/3-A	LCSD 720-86562/3-A	Total/NA	Solid	8260B	86562

### Prep Batch: 86562

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86562/1-A	MB 720-86562/1-A	Total/NA	Solid	5035	
LCS 720-86562/2-A	LCS 720-86562/2-A	Total/NA	Solid	5035	
LCSD 720-86562/3-A	LCSD 720-86562/3-A	Total/NA	Solid	5035	
720-33462-2	SB-7	Total/NA	Solid	5035	

### Analysis Batch: 86644

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33462-1	SB-6	Total/NA	Water	8260B	
MB 720-86644/5	MB 720-86644/5	Total/NA	Water	8260B	
LCS 720-86644/6	LCS 720-86644/6	Total/NA	Water	8260B	
LCSD 720-86644/7	LCSD 720-86644/7	Total/NA	Water	8260B	

## GC/MS Semi VOA

### Prep Batch: 86522

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86522/1-A	MB 720-86522/1-A	Total/NA	Solid	3550B	
LCS 720-86522/2-A	LCS 720-86522/2-A	Total/NA	Solid	3550B	
LCSD 720-86522/3-A	LCSD 720-86522/3-A	Total/NA	Solid	3550B	
720-33462-2	SB-7	Total/NA	Solid	3550B	
720-33462-2 MS	SB-7	Total/NA	Solid	3550B	
720-33462-2 MSD	SB-7	Total/NA	Solid	3550B	

### Analysis Batch: 86570

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-86522/2-A	LCS 720-86522/2-A	Total/NA	Solid	8270C SIM	86522
LCSD 720-86522/3-A	LCSD 720-86522/3-A	Total/NA	Solid	8270C SIM	86522
MB 720-86522/1-A	MB 720-86522/1-A	Total/NA	Solid	8270C SIM	86522
720-33462-2	SB-7	Total/NA	Solid	8270C SIM	86522
720-33462-2 MS	SB-7	Total/NA	Solid	8270C SIM	86522
720-33462-2 MSD	SB-7	Total/NA	Solid	8270C SIM	86522

### Prep Batch: 86576

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86576/1-A	MB 720-86576/1-A	Total/NA	Water	3510C	
LCS 720-86576/2-A	LCS 720-86576/2-A	Total/NA	Water	3510C	
LCSD 720-86576/3-A	LCSD 720-86576/3-A	Total/NA	Water	3510C	
720-33462-1	SB-6	Total/NA	Water	3510C	

### Analysis Batch: 86654

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-86576/2-A	LCS 720-86576/2-A	Total/NA	Water	8270C SIM	86576
LCSD 720-86576/3-A	LCSD 720-86576/3-A	Total/NA	Water	8270C SIM	86576
MB 720-86576/1-A	MB 720-86576/1-A	Total/NA	Water	8270C SIM	86576
720-33462-1	SB-6	Total/NA	Water	8270C SIM	86576



# QC Association Summary

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33462-1

## GC Semi VOA

### Prep Batch: 86502

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86502/1-A	MB 720-86502/1-A	Total/NA	Solid	3550B	
720-33462-2	SB-7	Total/NA	Solid	3550B	
LCS 720-86502/2-A	LCS 720-86502/2-A	Total/NA	Solid	3550B	
LCSD 720-86502/3-A	LCSD 720-86502/3-A	Total/NA	Solid	3550B	

### Prep Batch: 86540

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86540/1-A	MB 720-86540/1-A	Total/NA	Water	3510C	
LCS 720-86540/2-A	LCS 720-86540/2-A	Total/NA	Water	3510C	
720-33462-1	SB-6	Total/NA	Water	3510C	
LCSD 720-86540/3-A	LCSD 720-86540/3-A	Total/NA	Water	3510C	

### Analysis Batch: 86545

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33462-1	SB-6	Total/NA	Water	8015B	86540
MB 720-86540/1-A	MB 720-86540/1-A	Total/NA	Water	8015B	86540
LCS 720-86540/2-A	LCS 720-86540/2-A	Total/NA	Water	8015B	86540
LCSD 720-86540/3-A	LCSD 720-86540/3-A	Total/NA	Water	8015B	86540

### Analysis Batch: 86546

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33462-2	SB-7	Total/NA	Solid	8015B	86502
LCS 720-86502/2-A	LCS 720-86502/2-A	Total/NA	Solid	8015B	86502
LCSD 720-86502/3-A	LCSD 720-86502/3-A	Total/NA	Solid	8015B	86502
MB 720-86502/1-A	MB 720-86502/1-A	Total/NA	Solid	8015B	86502

## Metals

### Prep Batch: 86571

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86571/1-A	MB 720-86571/1-A	Total/NA	Solid	7471A	
LCS 720-86571/2-A	LCS 720-86571/2-A	Total/NA	Solid	7471A	
720-33462-2	SB-7	Total/NA	Solid	7471A	
LCSD 720-86571/3-A	LCSD 720-86571/3-A	Total/NA	Solid	7471A	

### Prep Batch: 86598

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86598/1-A	MB 720-86598/1-A	Total/NA	Water	3010A	
MB 720-86598/1-A	MB 720-86598/1-A	Total/NA	Water	3010A	
LCS 720-86598/2-A	LCS 720-86598/2-A	Total/NA	Water	3010A	
LCS 720-86598/2-A	LCS 720-86598/2-A	Total/NA	Water	3010A	
LCSD 720-86598/3-A	LCSD 720-86598/3-A	Total/NA	Water	3010A	
LCSD 720-86598/3-A	LCSD 720-86598/3-A	Total/NA	Water	3010A	
720-33462-1 MS	SB-6	Total/NA	Water	3010A	
720-33462-1 MS	SB-6	Total/NA	Water	3010A	
720-33462-1 MSD	SB-6	Total/NA	Water	3010A	
720-33462-1 MSD	SB-6	Total/NA	Water	3010A	
720-33462-1	SB-6	Total/NA	Water	3010A	
720-33462-1	SB-6	Total/NA	Water	3010A	

# QC Association Summary

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33462-1

## Metals (Continued)

### Prep Batch: 86614

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86614/1-A	MB 720-86614/1-A	Total/NA	Solid	3050B	
720-33462-2	SB-7	Total/NA	Solid	3050B	
LCS 720-86614/2-A	LCS 720-86614/2-A	Total/NA	Solid	3050B	
LCSSRM 720-86614/25-A	LCSSRM 720-86614/25-A	Total/NA	Solid	3050B	
LCSD 720-86614/3-A	LCSD 720-86614/3-A	Total/NA	Solid	3050B	

### Analysis Batch: 86627

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33462-2	SB-7	Total/NA	Solid	7471A	86571
MB 720-86571/1-A	MB 720-86571/1-A	Total/NA	Solid	7471A	86571
LCS 720-86571/2-A	LCS 720-86571/2-A	Total/NA	Solid	7471A	86571
LCSD 720-86571/3-A	LCSD 720-86571/3-A	Total/NA	Solid	7471A	86571

### Prep Batch: 86668

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86668/1-A	MB 720-86668/1-A	Total/NA	Water	7470A	
LCS 720-86668/2-A	LCS 720-86668/2-A	Total/NA	Water	7470A	
LCSD 720-86668/3-A	LCSD 720-86668/3-A	Total/NA	Water	7470A	
720-33462-1 MS	SB-6	Total/NA	Water	7470A	
720-33462-1 MSD	SB-6	Total/NA	Water	7470A	
720-33462-1	SB-6	Total/NA	Water	7470A	

### Analysis Batch: 86680

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86598/1-A	MB 720-86598/1-A	Total/NA	Water	6010B	86598
LCS 720-86598/2-A	LCS 720-86598/2-A	Total/NA	Water	6010B	86598
LCSD 720-86598/3-A	LCSD 720-86598/3-A	Total/NA	Water	6010B	86598
720-33462-1 MS	SB-6	Total/NA	Water	6010B	86598
720-33462-1 MSD	SB-6	Total/NA	Water	6010B	86598
720-33462-1	SB-6	Total/NA	Water	6010B	86598

### Analysis Batch: 86683

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86614/1-A	MB 720-86614/1-A	Total/NA	Solid	6010B	86614
720-33462-2	SB-7	Total/NA	Solid	6010B	86614
LCS 720-86614/2-A	LCS 720-86614/2-A	Total/NA	Solid	6010B	86614
LCSSRM 720-86614/25-A	LCSSRM 720-86614/25-A	Total/NA	Solid	6010B	86614
LCSD 720-86614/3-A	LCSD 720-86614/3-A	Total/NA	Solid	6010B	86614

### Analysis Batch: 86717

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86598/1-A	MB 720-86598/1-A	Total/NA	Water	6010B	86598
LCS 720-86598/2-A	LCS 720-86598/2-A	Total/NA	Water	6010B	86598
LCSD 720-86598/3-A	LCSD 720-86598/3-A	Total/NA	Water	6010B	86598
720-33462-1 MS	SB-6	Total/NA	Water	6010B	86598
720-33462-1 MSD	SB-6	Total/NA	Water	6010B	86598
720-33462-1	SB-6	Total/NA	Water	6010B	86598

### Analysis Batch: 86774

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86668/1-A	MB 720-86668/1-A	Total/NA	Water	7470A	86668
LCS 720-86668/2-A	LCS 720-86668/2-A	Total/NA	Water	7470A	86668





# QC Association Summary

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33462-1

## Metals (Continued)

### Analysis Batch: 86774 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 720-86668/3-A	LCSD 720-86668/3-A	Total/NA	Water	7470A	86668
720-33462-1 MS	SB-6	Total/NA	Water	7470A	86668
720-33462-1 MSD	SB-6	Total/NA	Water	7470A	86668
720-33462-1	SB-6	Total/NA	Water	7470A	86668

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# Lab Chronicle

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33462-1

## Client Sample ID: SB-6

Date Collected: 02/16/11 13:00

Date Received: 02/17/11 17:10

## Lab Sample ID: 720-33462-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	86644	02/23/11 17:08	YB	TestAmerica San Francisco
Total/NA	Prep	3510C			86576	02/22/11 11:51	JRM	TestAmerica San Francisco
Total/NA	Analysis	8270C SIM		1	86654	02/23/11 12:50	ML	TestAmerica San Francisco
Total/NA	Prep	3510C			86540	02/19/11 10:22	JRM	TestAmerica San Francisco
Total/NA	Analysis	8015B		1	86545	02/22/11 21:46	DH	TestAmerica San Francisco
Total/NA	Prep	3010A			86598	02/22/11 14:00	ET	TestAmerica San Francisco
Total/NA	Analysis	6010B		1	86680	02/23/11 12:00	EFH	TestAmerica San Francisco
Total/NA	Analysis	6010B		1	86717	02/23/11 19:55	BA	TestAmerica San Francisco
Total/NA	Prep	7470A			86668	02/23/11 11:20	ET	TestAmerica San Francisco
Total/NA	Analysis	7470A		1	86774	02/24/11 13:59	ET	TestAmerica San Francisco

## Client Sample ID: SB-7

Date Collected: 02/16/11 15:00

Date Received: 02/17/11 17:10

## Lab Sample ID: 720-33462-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5035			86562	02/18/11 17:00	AC	TestAmerica San Francisco
Total/NA	Analysis	8260B		1	86515	02/18/11 20:53	AC	TestAmerica San Francisco
Total/NA	Prep	3550B			86522	02/18/11 19:28	RU	TestAmerica San Francisco
Total/NA	Analysis	8270C SIM		1	86570	02/22/11 15:42	ML	TestAmerica San Francisco
Total/NA	Prep	3550B			86502	02/18/11 19:22	RU	TestAmerica San Francisco
Total/NA	Analysis	8015B		1	86546	02/23/11 02:02	DH	TestAmerica San Francisco
Total/NA	Prep	7471A			86571	02/22/11 11:04	JR	TestAmerica San Francisco
Total/NA	Analysis	7471A		1	86627	02/22/11 18:01	JR	TestAmerica San Francisco
Total/NA	Prep	3050B			86614	02/22/11 16:31	sk	TestAmerica San Francisco
Total/NA	Analysis	6010B		4	86683	02/23/11 12:39	EFH	TestAmerica San Francisco

# Certification Summary

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33462-1

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Laboratory	Authority	Program	EPA Region	Certification ID	* Expiration Date
TestAmerica San Francisco	California	State Program	9	2496	01/31/12

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Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

\* Any expired certifications in this list are currently pending renewal and are considered valid.

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# Method Summary

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33462-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL SF
8270C SIM	PAHs by GCMS (SIM)	SW846	TAL SF
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL SF
8015B	Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	SW846	TAL SF
6010B	Metals (ICP)	SW846	TAL SF
7470A	Mercury (CVAA)	SW846	TAL SF
7471A	Mercury (CVAA)	SW846	TAL SF

**Protocol References:**

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

TAL SF = TestAmerica San Francisco, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919



# Sample Summary

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33462-1

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Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-33462-1	SB-6	Water	02/16/11 13:00	02/17/11 17:10
720-33462-2	SB-7	Solid	02/16/11 15:00	02/17/11 17:10

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# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TESTAMERICA San Francisco Chain of Custody

1220 Quarry Lane • Pleasanton CA 94566-4756  
Phone: (925) 484-1919 • Fax: (925) 600-3002

720-33469

Reference #:

129775

Date 2/16/11 Page 1 of 1

Report To

Attn: Julia Sudyka  
Company: ACC

Address: 7917 ARNOLD AVE CA  
Phone: 5107730752 Email: JSudyka@accenv.com

Bill To: ACC Sampled By: JS/LS

Attn: JS Phone: 5107730752

Sample ID	Date	Time	Mat	Preserv
SB-6	2/16/11	13:00	W	Muff
SB-7	2/16/11	15:00	S	ICE

Analysis Request

TPH EPA -  8260B  
 Gas w/  BTEX  MTBE

TEPH EPA 8015M\*  Silica Gel  
 Diesel  Motor Oil  Other

EPA 8260B:  Gas  BTEX  
 5 Oxygenates  DCA, ED8  Ethanol

(HVOCs) EPA 8021 by 8260B

Volatile Organics GC/MS (VOCs)  
 EPA 8260B  624

Semivolatiles GC/MS  
 EPA 8270  625

Oil and Grease  Petroleum  
(EPA 1664)  Total

Pesticides  EPA 8081  808  
PCBs  EPA 8082  608

PNAs by  8270  8310

CAM17 Metals  
(EPA 8010/7470/7471)

Metals:  Lead  LUFT  RCRA  
 Other:

Low Level Metals by EPA 200.8/6020  
(ICP-MS):

W.E.T (STLC)  
 TCLP

Hexavalent Chromium  
 pH (24h hold time for H<sub>2</sub>O)

Spec. Cond.  Alkalinity  
 TSS  TDS

Anions:  Cl  SO<sub>4</sub>  NO<sub>3</sub>  F  
 Br  NO<sub>2</sub>  PO<sub>4</sub>

Project Info

Project Name: 1708 WOOD ST # of Containers:  
Project#: C470-034.01 Head Space:  
PO#: 2.1C Temp:  
Credit Card#: 2.1C Conforms to record:

Sample Receipt

1) Received by:	2) Relinquished by:	3) Relinquished by:
Signature: <u>Julia Sudyka</u> Time: <u>16:40</u> Printed Name: <u>Julia Sudyka</u> Date: <u>2/16/11</u> Company: <u>ACC</u>	Signature: _____ Time: _____ Printed Name: _____ Date: _____ Company: _____	Signature: <u>Bill Mahan</u> Time: <u>17:10</u> Printed Name: <u>Bill Mahan</u> Date: <u>2-17-11</u> Company: _____

Report:  Routine  Level 3  Level 4  EDD  State Tank  
Fund EDF  Global ID \_\_\_\_\_  
Special Instructions / Comments:

See Terms and Conditions on reverse  
\*TestAmerica SF reports 8015M from Co-Ca (Industry norm). Default for 8015B is Co-Ca

## Login Sample Receipt Check List

Client: ACC Environmental Consultants

Job Number: 720-33462-1

Login Number: 33462

Creator: Hoang, Julie

List Number: 1

List Source: TestAmerica San Francisco

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

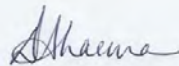
## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.  
TestAmerica San Francisco  
1220 Quarry Lane  
Pleasanton, CA 94566  
Tel: (925)484-1919

TestAmerica Job ID: 720-33472-1  
Client Project/Site: 1708 Wood PSAI

For:  
ACC Environmental Consultants  
7977 Capwell Drive  
Suite 100  
Oakland, California 94621

Attn: Environmental Scientist Julia Siudyla



Authorized for release by:  
2/28/2011 3:29 PM

Dimple Sharma  
Project Manager I  
[dimple.sharma@testamericainc.com](mailto:dimple.sharma@testamericainc.com)

### LINKS

Review your project  
results through  
**TotalAccess**

Have a Question?



Visit us at:  
[www.testamericainc.com](http://www.testamericainc.com)

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

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# Qualifier Definition/Glossary

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33472-1

## Qualifiers

### GC/MS VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits

### GC/MS Semi VOA

Qualifier	Qualifier Description
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
X	Surrogate is outside control limits

### GC Semi VOA

Qualifier	Qualifier Description
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
X	Surrogate is outside control limits

## Glossary

Glossary	Glossary Description
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis.

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

# Case Narrative

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33472-1

**Job ID: 720-33472-1**

**Laboratory: TestAmerica San Francisco**

## Narrative

**Job Narrative**  
**720-33472-1**

### Comments

No additional comments.

### Receipt

All samples were received in good condition within temperature requirements.

### GC/MS VOA

Method 8260B: Internal standard responses were outside of acceptance limits for the following sample: SB-16 (720-33472-4), SB-8 (720-33472-2). The sample shows evidence of matrix interference and confirmed by reanalysis.

No other analytical or quality issues were noted.

### GC/MS Semi VOA

Method 8270C SIM: The following sample was diluted due to the abundance of non-target analytes: SB-16 (720-33472-4), SB-8 (720-33472-2), C3-5 (720-33471-8). Elevated reporting limits (RLs) are provided.

Method 8270C SIM: Due to the level of dilution required for the following sample, surrogate recoveries are not reported: SB-8 (720-33472-2).

No other analytical or quality issues were noted.

### GC Semi VOA

Method 8015B: Due to the level of dilution required for the following sample, surrogate recoveries are not reported: SB-8 (720-33472-2), SB-16 (720-33472-4).

Method 8082: Surrogate recovery for the following sample was outside control limits: SB-19 (720-33472-8). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

No other analytical or quality issues were noted.

### Metals

No analytical or quality issues were noted.

### Organic Prep

No analytical or quality issues were noted.

# Detection Summary

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33472-1

## Client Sample ID: SB-7

Lab Sample ID: 720-33472-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	490		50		ug/L	1		8015B	Total/NA
Motor Oil Range Organics [C24-C36]	510		99		ug/L	1		8015B	Total/NA
Barium	0.053		0.0050		mg/L	1		6010B	Total/NA
Vanadium	0.010		0.010		mg/L	1		6010B	Total/NA

## Client Sample ID: SB-8

Lab Sample ID: 720-33472-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	30		5.2		ug/Kg	1		8260B	Total/NA
Benzo[a]anthracene	450		250		ug/Kg	10		8270C SIM	Total/NA
Chrysene	760		250		ug/Kg	10		8270C SIM	Total/NA
Benzo[a]pyrene	350		250		ug/Kg	10		8270C SIM	Total/NA
Benzo[b]fluoranthene	450		250		ug/Kg	10		8270C SIM	Total/NA
Fluoranthene	410		250		ug/Kg	10		8270C SIM	Total/NA
Pyrene	680		250		ug/Kg	10		8270C SIM	Total/NA
Diesel Range Organics [C10-C28]	2400		50		mg/Kg	20		8015B	Total/NA
Motor Oil Range Organics [C24-C36]	6800		2500		mg/Kg	20		8015B	Total/NA
Barium	160		2.0		mg/Kg	4		6010B	Total/NA
Chromium	59		2.0		mg/Kg	4		6010B	Total/NA
Cobalt	7.7		0.78		mg/Kg	4		6010B	Total/NA
Copper	14		5.9		mg/Kg	4		6010B	Total/NA
Lead	9.9		2.0		mg/Kg	4		6010B	Total/NA
Nickel	59		2.0		mg/Kg	4		6010B	Total/NA
Vanadium	20		2.0		mg/Kg	4		6010B	Total/NA
Zinc	36		5.9		mg/Kg	4		6010B	Total/NA
Mercury	1.1		0.010		mg/Kg	1		7471A	Total/NA

## Client Sample ID: SB-15

Lab Sample ID: 720-33472-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	170		50		ug/Kg	10		8270C SIM	Total/NA
Fluorene	78		50		ug/Kg	10		8270C SIM	Total/NA
Phenanthrene	900		50		ug/Kg	10		8270C SIM	Total/NA
Anthracene	150		50		ug/Kg	10		8270C SIM	Total/NA
Benzo[a]anthracene	750		50		ug/Kg	10		8270C SIM	Total/NA
Chrysene	850		50		ug/Kg	10		8270C SIM	Total/NA
Benzo[a]pyrene	1000		50		ug/Kg	10		8270C SIM	Total/NA
Benzo[b]fluoranthene	1100		50		ug/Kg	10		8270C SIM	Total/NA
Benzo[k]fluoranthene	490		50		ug/Kg	10		8270C SIM	Total/NA
Benzo[g,h,i]perylene	480		50		ug/Kg	10		8270C SIM	Total/NA
Indeno[1,2,3-cd]pyrene	400		50		ug/Kg	10		8270C SIM	Total/NA
Fluoranthene	1400		50		ug/Kg	10		8270C SIM	Total/NA
Pyrene	2000		50		ug/Kg	10		8270C SIM	Total/NA
Dibenz(a,h)anthracene	100		50		ug/Kg	10		8270C SIM	Total/NA
Diesel Range Organics [C10-C28]	45		3.0		mg/Kg	3		8015B	Total/NA
Motor Oil Range Organics [C24-C36]	240		150		mg/Kg	3		8015B	Total/NA
Barium	110		2.0		mg/Kg	4		6010B	Total/NA
Chromium	46		2.0		mg/Kg	4		6010B	Total/NA
Cobalt	7.5		0.78		mg/Kg	4		6010B	Total/NA
Copper	28		5.9		mg/Kg	4		6010B	Total/NA
Lead	250		2.0		mg/Kg	4		6010B	Total/NA
Nickel	34		2.0		mg/Kg	4		6010B	Total/NA
Vanadium	28		2.0		mg/Kg	4		6010B	Total/NA
Zinc	100		5.9		mg/Kg	4		6010B	Total/NA

# Detection Summary

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33472-1

## Client Sample ID: SB-15 (Continued)

Lab Sample ID: 720-33472-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.38		0.010		mg/Kg	1		7471A	Total/NA

## Client Sample ID: SB-16

Lab Sample ID: 720-33472-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	290		77		ug/Kg	1		8260B	Total/NA
Acenaphthylene	52		50		ug/Kg	10		8270C SIM	Total/NA
Phenanthrene	220		50		ug/Kg	10		8270C SIM	Total/NA
Benzo[a]anthracene	220		50		ug/Kg	10		8270C SIM	Total/NA
Chrysene	280		50		ug/Kg	10		8270C SIM	Total/NA
Benzo[a]pyrene	340		50		ug/Kg	10		8270C SIM	Total/NA
Benzo[b]fluoranthene	450		50		ug/Kg	10		8270C SIM	Total/NA
Benzo[k]fluoranthene	170		50		ug/Kg	10		8270C SIM	Total/NA
Benzo[g,h,i]perylene	130		50		ug/Kg	10		8270C SIM	Total/NA
Indeno[1,2,3-cd]pyrene	98		50		ug/Kg	10		8270C SIM	Total/NA
Fluoranthene	390		50		ug/Kg	10		8270C SIM	Total/NA
Pyrene	620		50		ug/Kg	10		8270C SIM	Total/NA
Diesel Range Organics [C10-C28]	290		25		mg/Kg	10		8015B	Total/NA
Motor Oil Range Organics [C24-C36]	2200		1200		mg/Kg	10		8015B	Total/NA
Arsenic	4.2		4.0		mg/Kg	4		6010B	Total/NA
Barium	130		2.0		mg/Kg	4		6010B	Total/NA
Chromium	35		2.0		mg/Kg	4		6010B	Total/NA
Cobalt	6.2		0.79		mg/Kg	4		6010B	Total/NA
Copper	41		5.9		mg/Kg	4		6010B	Total/NA
Lead	340		2.0		mg/Kg	4		6010B	Total/NA
Nickel	29		2.0		mg/Kg	4		6010B	Total/NA
Vanadium	26		2.0		mg/Kg	4		6010B	Total/NA
Zinc	250		5.9		mg/Kg	4		6010B	Total/NA
Mercury	0.18		0.0097		mg/Kg	1		7471A	Total/NA

## Client Sample ID: SB-16

Lab Sample ID: 720-33472-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	2.8		0.50		ug/L	1		8260B	Total/NA
Naphthalene	0.17		0.11		ug/L	1		8270C SIM	Total/NA
Diesel Range Organics [C10-C28]	1100		58		ug/L	1		8015B	Total/NA
Motor Oil Range Organics [C24-C36]	1600		120		ug/L	1		8015B	Total/NA
Arsenic	0.011		0.010		mg/L	1		6010B	Total/NA
Barium	0.11		0.0050		mg/L	1		6010B	Total/NA
Zinc	0.027		0.020		mg/L	1		6010B	Total/NA
Mercury	0.00028		0.00020		mg/L	1		7470A	Total/NA

## Client Sample ID: SB-17

Lab Sample ID: 720-33472-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	1.9		0.50		ug/L	1		8260B	Total/NA
Benzo[g,h,i]perylene	0.20		0.14		ug/L	1		8270C SIM	Total/NA
Fluoranthene	0.14		0.14		ug/L	1		8270C SIM	Total/NA
Pyrene	0.17		0.14		ug/L	1		8270C SIM	Total/NA
Diesel Range Organics [C10-C28]	230		50		ug/L	1		8015B	Total/NA
Motor Oil Range Organics [C24-C36]	330		99		ug/L	1		8015B	Total/NA
Barium	0.24		0.0050		mg/L	1		6010B	Total/NA
Chromium	0.088		0.010		mg/L	1		6010B	Total/NA
Cobalt	0.018		0.0020		mg/L	1		6010B	Total/NA

TestAmerica San Francisco

# Detection Summary

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33472-1

## Client Sample ID: SB-17 (Continued)

Lab Sample ID: 720-33472-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	0.070		0.020		mg/L	1		6010B	Total/NA
Lead	0.10		0.0050		mg/L	1		6010B	Total/NA
Nickel	0.059		0.010		mg/L	1		6010B	Total/NA
Vanadium	0.076		0.010		mg/L	1		6010B	Total/NA
Zinc	0.24		0.020		mg/L	1		6010B	Total/NA
Mercury	0.00029		0.00020		mg/L	1		7470A	Total/NA

## Client Sample ID: SB-18

Lab Sample ID: 720-33472-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	0.24		0.16		ug/L	1		8270C SIM	Total/NA
Diesel Range Organics [C10-C28]	3100		50		ug/L	1		8015B	Total/NA
Motor Oil Range Organics [C24-C36]	2200		100		ug/L	1		8015B	Total/NA
Barium	0.036		0.0050		mg/L	1		6010B	Total/NA

## Client Sample ID: SB-19

Lab Sample ID: 720-33472-8

No Detections.

# Analytical Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33472-1

**Client Sample ID: SB-7**

**Date Collected: 02/17/11 10:30**

**Date Received: 02/18/11 11:00**

**Lab Sample ID: 720-33472-1**

**Matrix: Water**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			02/22/11 22:41	1
Acetone	ND		50		ug/L			02/22/11 22:41	1
Benzene	ND		0.50		ug/L			02/22/11 22:41	1
Dichlorobromomethane	ND		0.50		ug/L			02/22/11 22:41	1
Bromobenzene	ND		1.0		ug/L			02/22/11 22:41	1
Chlorobromomethane	ND		1.0		ug/L			02/22/11 22:41	1
Bromoform	ND		1.0		ug/L			02/22/11 22:41	1
Bromomethane	ND		1.0		ug/L			02/22/11 22:41	1
2-Butanone (MEK)	ND		50		ug/L			02/22/11 22:41	1
n-Butylbenzene	ND		1.0		ug/L			02/22/11 22:41	1
sec-Butylbenzene	ND		1.0		ug/L			02/22/11 22:41	1
tert-Butylbenzene	ND		1.0		ug/L			02/22/11 22:41	1
Carbon disulfide	ND		5.0		ug/L			02/22/11 22:41	1
Carbon tetrachloride	ND		0.50		ug/L			02/22/11 22:41	1
Chlorobenzene	ND		0.50		ug/L			02/22/11 22:41	1
Chloroethane	ND		1.0		ug/L			02/22/11 22:41	1
Chloroform	ND		1.0		ug/L			02/22/11 22:41	1
Chloromethane	ND		1.0		ug/L			02/22/11 22:41	1
2-Chlorotoluene	ND		0.50		ug/L			02/22/11 22:41	1
4-Chlorotoluene	ND		0.50		ug/L			02/22/11 22:41	1
Chlorodibromomethane	ND		0.50		ug/L			02/22/11 22:41	1
1,2-Dichlorobenzene	ND		0.50		ug/L			02/22/11 22:41	1
1,3-Dichlorobenzene	ND		0.50		ug/L			02/22/11 22:41	1
1,4-Dichlorobenzene	ND		0.50		ug/L			02/22/11 22:41	1
1,3-Dichloropropane	ND		1.0		ug/L			02/22/11 22:41	1
1,1-Dichloropropene	ND		0.50		ug/L			02/22/11 22:41	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			02/22/11 22:41	1
Ethylene Dibromide	ND		0.50		ug/L			02/22/11 22:41	1
Dibromomethane	ND		0.50		ug/L			02/22/11 22:41	1
Dichlorodifluoromethane	ND		0.50		ug/L			02/22/11 22:41	1
1,1-Dichloroethane	ND		0.50		ug/L			02/22/11 22:41	1
1,2-Dichloroethane	ND		0.50		ug/L			02/22/11 22:41	1
1,1-Dichloroethene	ND		0.50		ug/L			02/22/11 22:41	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			02/22/11 22:41	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			02/22/11 22:41	1
1,2-Dichloropropane	ND		0.50		ug/L			02/22/11 22:41	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			02/22/11 22:41	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			02/22/11 22:41	1
Ethylbenzene	ND		0.50		ug/L			02/22/11 22:41	1
Hexachlorobutadiene	ND		1.0		ug/L			02/22/11 22:41	1
2-Hexanone	ND		50		ug/L			02/22/11 22:41	1
Isopropylbenzene	ND		0.50		ug/L			02/22/11 22:41	1
4-Isopropyltoluene	ND		1.0		ug/L			02/22/11 22:41	1
Methylene Chloride	ND		5.0		ug/L			02/22/11 22:41	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			02/22/11 22:41	1
Naphthalene	ND		1.0		ug/L			02/22/11 22:41	1
N-Propylbenzene	ND		1.0		ug/L			02/22/11 22:41	1
Styrene	ND		0.50		ug/L			02/22/11 22:41	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			02/22/11 22:41	1
1,1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			02/22/11 22:41	1

# Analytical Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33472-1

**Client Sample ID: SB-7**

**Lab Sample ID: 720-33472-1**

**Date Collected: 02/17/11 10:30**

**Matrix: Water**

**Date Received: 02/18/11 11:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.50		ug/L			02/22/11 22:41	1
Toluene	ND		0.50		ug/L			02/22/11 22:41	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			02/22/11 22:41	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			02/22/11 22:41	1
1,1,1-Trichloroethane	ND		0.50		ug/L			02/22/11 22:41	1
1,1,2-Trichloroethane	ND		0.50		ug/L			02/22/11 22:41	1
Trichloroethene	ND		0.50		ug/L			02/22/11 22:41	1
Trichlorofluoromethane	ND		1.0		ug/L			02/22/11 22:41	1
1,2,3-Trichloropropane	ND		0.50		ug/L			02/22/11 22:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			02/22/11 22:41	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			02/22/11 22:41	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			02/22/11 22:41	1
Vinyl acetate	ND		10		ug/L			02/22/11 22:41	1
Vinyl chloride	ND		0.50		ug/L			02/22/11 22:41	1
Xylenes, Total	ND		1.0		ug/L			02/22/11 22:41	1
2,2-Dichloropropane	ND		0.50		ug/L			02/22/11 22:41	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			02/22/11 22:41	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	102		67 - 130		02/22/11 22:41	1
1,2-Dichloroethane-d4 (Surr)	115		67 - 130		02/22/11 22:41	1
Toluene-d8 (Surr)	100		70 - 130		02/22/11 22:41	1

**Method: 8270C SIM - PAHs by GCMS (SIM)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		0.11		ug/L		02/22/11 11:51	02/23/11 15:59	1
Acenaphthene	ND		0.11		ug/L		02/22/11 11:51	02/23/11 15:59	1
Acenaphthylene	ND		0.11		ug/L		02/22/11 11:51	02/23/11 15:59	1
Fluorene	ND		0.11		ug/L		02/22/11 11:51	02/23/11 15:59	1
Phenanthrene	ND		0.11		ug/L		02/22/11 11:51	02/23/11 15:59	1
Anthracene	ND		0.11		ug/L		02/22/11 11:51	02/23/11 15:59	1
Benzo[a]anthracene	ND		0.11		ug/L		02/22/11 11:51	02/23/11 15:59	1
Chrysene	ND		0.11		ug/L		02/22/11 11:51	02/23/11 15:59	1
Benzo[a]pyrene	ND		0.11		ug/L		02/22/11 11:51	02/23/11 15:59	1
Benzo[b]fluoranthene	ND		0.11		ug/L		02/22/11 11:51	02/23/11 15:59	1
Benzo[k]fluoranthene	ND		0.11		ug/L		02/22/11 11:51	02/23/11 15:59	1
Benzo[g,h,i]perylene	ND		0.11		ug/L		02/22/11 11:51	02/23/11 15:59	1
Indeno[1,2,3-cd]pyrene	ND		0.11		ug/L		02/22/11 11:51	02/23/11 15:59	1
Fluoranthene	ND		0.11		ug/L		02/22/11 11:51	02/23/11 15:59	1
Pyrene	ND		0.11		ug/L		02/22/11 11:51	02/23/11 15:59	1
Dibenz(a,h)anthracene	ND		0.11		ug/L		02/22/11 11:51	02/23/11 15:59	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	47		29 - 120	02/22/11 11:51	02/23/11 15:59	1
Terphenyl-d14	62		45 - 120	02/22/11 11:51	02/23/11 15:59	1

**Method: 8015B - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	490		50		ug/L		02/22/11 16:08	02/23/11 20:31	1
Motor Oil Range Organics [C24-C36]	510		99		ug/L		02/22/11 16:08	02/23/11 20:31	1



# Analytical Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33472-1

**Client Sample ID: SB-7**  
**Date Collected: 02/17/11 10:30**  
**Date Received: 02/18/11 11:00**

**Lab Sample ID: 720-33472-1**  
**Matrix: Water**

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	44		23 - 156	02/22/11 16:08	02/23/11 20:31	1

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.010		mg/L		02/22/11 14:00	02/23/11 12:38	1
Arsenic	ND		0.010		mg/L		02/22/11 14:00	02/23/11 12:38	1
<b>Barium</b>	<b>0.053</b>		0.0050		mg/L		02/22/11 14:00	02/23/11 20:32	1
Beryllium	ND		0.0020		mg/L		02/22/11 14:00	02/23/11 20:32	1
Cadmium	ND		0.0025		mg/L		02/22/11 14:00	02/23/11 12:38	1
Chromium	ND		0.010		mg/L		02/22/11 14:00	02/23/11 12:38	1
Cobalt	ND		0.0020		mg/L		02/22/11 14:00	02/23/11 12:38	1
Copper	ND		0.020		mg/L		02/22/11 14:00	02/23/11 12:38	1
Lead	ND		0.0050		mg/L		02/22/11 14:00	02/23/11 12:38	1
Molybdenum	ND		0.010		mg/L		02/22/11 14:00	02/23/11 12:38	1
Nickel	ND		0.010		mg/L		02/22/11 14:00	02/23/11 12:38	1
Selenium	ND		0.020		mg/L		02/22/11 14:00	02/23/11 12:38	1
Silver	ND		0.0050		mg/L		02/22/11 14:00	02/23/11 12:38	1
Thallium	ND		0.010		mg/L		02/22/11 14:00	02/23/11 12:38	1
<b>Vanadium</b>	<b>0.010</b>		0.010		mg/L		02/22/11 14:00	02/23/11 12:38	1
Zinc	ND		0.020		mg/L		02/22/11 14:00	02/23/11 12:38	1

**Method: 7470A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		02/24/11 13:57	02/24/11 19:35	1

**Client Sample ID: SB-8**  
**Date Collected: 02/17/11 11:30**  
**Date Received: 02/18/11 11:00**

**Lab Sample ID: 720-33472-2**  
**Matrix: Solid**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.2		ug/Kg		02/18/11 17:00	02/19/11 00:57	1
Acetone	ND		5.2		ug/Kg		02/18/11 17:00	02/19/11 00:57	1
Benzene	ND		5.2		ug/Kg		02/18/11 17:00	02/19/11 00:57	1
Dichlorobromomethane	ND		5.2		ug/Kg		02/18/11 17:00	02/19/11 00:57	1
Bromobenzene	ND		5.2		ug/Kg		02/18/11 17:00	02/19/11 00:57	1
Chlorobromomethane	ND		21		ug/Kg		02/18/11 17:00	02/19/11 00:57	1
Bromoform	ND		5.2		ug/Kg		02/18/11 17:00	02/19/11 00:57	1
Bromomethane	ND		10		ug/Kg		02/18/11 17:00	02/19/11 00:57	1
2-Butanone (MEK)	ND		5.2		ug/Kg		02/18/11 17:00	02/19/11 00:57	1
n-Butylbenzene	ND		5.2		ug/Kg		02/18/11 17:00	02/19/11 00:57	1
sec-Butylbenzene	ND		5.2		ug/Kg		02/18/11 17:00	02/19/11 00:57	1
tert-Butylbenzene	ND		5.2		ug/Kg		02/18/11 17:00	02/19/11 00:57	1
Carbon disulfide	ND		5.2		ug/Kg		02/18/11 17:00	02/19/11 00:57	1
Carbon tetrachloride	ND		5.2		ug/Kg		02/18/11 17:00	02/19/11 00:57	1
Chlorobenzene	ND		5.2		ug/Kg		02/18/11 17:00	02/19/11 00:57	1
Chloroethane	ND		10		ug/Kg		02/18/11 17:00	02/19/11 00:57	1
Chloroform	ND		5.2		ug/Kg		02/18/11 17:00	02/19/11 00:57	1
Chloromethane	ND		10		ug/Kg		02/18/11 17:00	02/19/11 00:57	1
2-Chlorotoluene	ND		5.2		ug/Kg		02/18/11 17:00	02/19/11 00:57	1
4-Chlorotoluene	ND		5.2		ug/Kg		02/18/11 17:00	02/19/11 00:57	1
Chlorodibromomethane	ND		5.2		ug/Kg		02/18/11 17:00	02/19/11 00:57	1

# Analytical Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33472-1

**Client Sample ID: SB-8**

**Lab Sample ID: 720-33472-2**

**Date Collected: 02/17/11 11:30**

**Matrix: Solid**

**Date Received: 02/18/11 11:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		5.2		ug/Kg		02/18/11 17:00	02/19/11 00:57	1
1,3-Dichlorobenzene	ND		5.2		ug/Kg		02/18/11 17:00	02/19/11 00:57	1
1,4-Dichlorobenzene	ND		5.2		ug/Kg		02/18/11 17:00	02/19/11 00:57	1
1,3-Dichloropropane	ND		5.2		ug/Kg		02/18/11 17:00	02/19/11 00:57	1
1,1-Dichloropropene	ND		5.2		ug/Kg		02/18/11 17:00	02/19/11 00:57	1
1,2-Dibromo-3-Chloropropane	ND		5.2		ug/Kg		02/18/11 17:00	02/19/11 00:57	1
Ethylene Dibromide	ND		5.2		ug/Kg		02/18/11 17:00	02/19/11 00:57	1
Dibromomethane	ND		10		ug/Kg		02/18/11 17:00	02/19/11 00:57	1
Dichlorodifluoromethane	ND		10		ug/Kg		02/18/11 17:00	02/19/11 00:57	1
1,1-Dichloroethane	ND		5.2		ug/Kg		02/18/11 17:00	02/19/11 00:57	1
1,2-Dichloroethane	ND		5.2		ug/Kg		02/18/11 17:00	02/19/11 00:57	1
1,1-Dichloroethene	ND		5.2		ug/Kg		02/18/11 17:00	02/19/11 00:57	1
<b>cis-1,2-Dichloroethene</b>	<b>30</b>		5.2		ug/Kg		02/18/11 17:00	02/19/11 00:57	1
trans-1,2-Dichloroethene	ND		5.2		ug/Kg		02/18/11 17:00	02/19/11 00:57	1
1,2-Dichloropropane	ND		5.2		ug/Kg		02/18/11 17:00	02/19/11 00:57	1
cis-1,3-Dichloropropene	ND		5.2		ug/Kg		02/18/11 17:00	02/19/11 00:57	1
trans-1,3-Dichloropropene	ND		5.2		ug/Kg		02/18/11 17:00	02/19/11 00:57	1
Ethylbenzene	ND		5.2		ug/Kg		02/18/11 17:00	02/19/11 00:57	1
Hexachlorobutadiene	ND		5.2		ug/Kg		02/18/11 17:00	02/19/11 00:57	1
2-Hexanone	ND		52		ug/Kg		02/18/11 17:00	02/19/11 00:57	1
Isopropylbenzene	ND		5.2		ug/Kg		02/18/11 17:00	02/19/11 00:57	1
4-Isopropyltoluene	ND		5.2		ug/Kg		02/18/11 17:00	02/19/11 00:57	1
Methylene Chloride	ND		10		ug/Kg		02/18/11 17:00	02/19/11 00:57	1
4-Methyl-2-pentanone (MIBK)	ND		52		ug/Kg		02/18/11 17:00	02/19/11 00:57	1
Naphthalene	ND		10		ug/Kg		02/18/11 17:00	02/19/11 00:57	1
N-Propylbenzene	ND		5.2		ug/Kg		02/18/11 17:00	02/19/11 00:57	1
Styrene	ND		5.2		ug/Kg		02/18/11 17:00	02/19/11 00:57	1
1,1,1,2-Tetrachloroethane	ND		5.2		ug/Kg		02/18/11 17:00	02/19/11 00:57	1
1,1,2,2-Tetrachloroethane	ND		5.2		ug/Kg		02/18/11 17:00	02/19/11 00:57	1
Tetrachloroethene	ND		5.2		ug/Kg		02/18/11 17:00	02/19/11 00:57	1
Toluene	ND		5.2		ug/Kg		02/18/11 17:00	02/19/11 00:57	1
1,2,3-Trichlorobenzene	ND		5.2		ug/Kg		02/18/11 17:00	02/19/11 00:57	1
1,2,4-Trichlorobenzene	ND		5.2		ug/Kg		02/18/11 17:00	02/19/11 00:57	1
1,1,1-Trichloroethane	ND		5.2		ug/Kg		02/18/11 17:00	02/19/11 00:57	1
1,1,2-Trichloroethane	ND		5.2		ug/Kg		02/18/11 17:00	02/19/11 00:57	1
Trichloroethene	ND		5.2		ug/Kg		02/18/11 17:00	02/19/11 00:57	1
Trichlorofluoromethane	ND		5.2		ug/Kg		02/18/11 17:00	02/19/11 00:57	1
1,2,3-Trichloropropane	ND		5.2		ug/Kg		02/18/11 17:00	02/19/11 00:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.2		ug/Kg		02/18/11 17:00	02/19/11 00:57	1
1,2,4-Trimethylbenzene	ND		5.2		ug/Kg		02/18/11 17:00	02/19/11 00:57	1
1,3,5-Trimethylbenzene	ND		5.2		ug/Kg		02/18/11 17:00	02/19/11 00:57	1
Vinyl acetate	ND		52		ug/Kg		02/18/11 17:00	02/19/11 00:57	1
Vinyl chloride	ND		5.2		ug/Kg		02/18/11 17:00	02/19/11 00:57	1
Xylenes, Total	ND		10		ug/Kg		02/18/11 17:00	02/19/11 00:57	1
2,2-Dichloropropane	ND		5.2		ug/Kg		02/18/11 17:00	02/19/11 00:57	1
Gasoline Range Organics (GRO) -C5-C12	ND		260		ug/Kg		02/18/11 17:00	02/19/11 00:57	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	80		65 - 117	02/18/11 17:00	02/19/11 00:57	1
1,2-Dichloroethane-d4 (Surr)	116		73 - 140	02/18/11 17:00	02/19/11 00:57	1

# Analytical Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33472-1

**Client Sample ID: SB-8**

**Date Collected: 02/17/11 11:30**

**Date Received: 02/18/11 11:00**

**Lab Sample ID: 720-33472-2**

**Matrix: Solid**

**Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)**

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	82	X	84 - 116	02/18/11 17:00	02/19/11 00:57	1

**Method: 8270C SIM - PAHs by GCMS (SIM)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		250		ug/Kg		02/22/11 13:07	02/23/11 21:29	10
Acenaphthene	ND		250		ug/Kg		02/22/11 13:07	02/23/11 21:29	10
Acenaphthylene	ND		250		ug/Kg		02/22/11 13:07	02/23/11 21:29	10
Fluorene	ND		250		ug/Kg		02/22/11 13:07	02/23/11 21:29	10
Phenanthrene	ND		250		ug/Kg		02/22/11 13:07	02/23/11 21:29	10
Anthracene	ND		250		ug/Kg		02/22/11 13:07	02/23/11 21:29	10
<b>Benzo[a]anthracene</b>	<b>450</b>		250		ug/Kg		02/22/11 13:07	02/23/11 21:29	10
<b>Chrysene</b>	<b>760</b>		250		ug/Kg		02/22/11 13:07	02/23/11 21:29	10
<b>Benzo[a]pyrene</b>	<b>350</b>		250		ug/Kg		02/22/11 13:07	02/23/11 21:29	10
<b>Benzo[b]fluoranthene</b>	<b>450</b>		250		ug/Kg		02/22/11 13:07	02/23/11 21:29	10
Benzo[k]fluoranthene	ND		250		ug/Kg		02/22/11 13:07	02/23/11 21:29	10
Benzo[g,h,i]perylene	ND		250		ug/Kg		02/22/11 13:07	02/23/11 21:29	10
Indeno[1,2,3-cd]pyrene	ND		250		ug/Kg		02/22/11 13:07	02/23/11 21:29	10
<b>Fluoranthene</b>	<b>410</b>		250		ug/Kg		02/22/11 13:07	02/23/11 21:29	10
<b>Pyrene</b>	<b>680</b>		250		ug/Kg		02/22/11 13:07	02/23/11 21:29	10
Dibenz(a,h)anthracene	ND		250		ug/Kg		02/22/11 13:07	02/23/11 21:29	10

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	0	X D	33 - 120	02/22/11 13:07	02/23/11 21:29	10
Terphenyl-d14	63		35 - 146	02/22/11 13:07	02/23/11 21:29	10

**Method: 8015B - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Diesel Range Organics [C10-C28]</b>	<b>2400</b>		50		mg/Kg		02/22/11 13:04	02/23/11 19:47	20
<b>Motor Oil Range Organics [C24-C36]</b>	<b>6800</b>		2500		mg/Kg		02/22/11 13:04	02/23/11 19:47	20

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	0	D	31 - 114	02/22/11 13:04	02/23/11 19:47	20

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.0		mg/Kg		02/24/11 16:47	02/25/11 13:07	4
Arsenic	ND		3.9		mg/Kg		02/24/11 16:47	02/25/11 13:07	4
<b>Barium</b>	<b>160</b>		2.0		mg/Kg		02/24/11 16:47	02/25/11 13:07	4
Beryllium	ND		0.39		mg/Kg		02/24/11 16:47	02/25/11 13:07	4
Cadmium	ND		0.49		mg/Kg		02/24/11 16:47	02/25/11 13:07	4
<b>Chromium</b>	<b>59</b>		2.0		mg/Kg		02/24/11 16:47	02/25/11 13:07	4
<b>Cobalt</b>	<b>7.7</b>		0.78		mg/Kg		02/24/11 16:47	02/25/11 13:07	4
<b>Copper</b>	<b>14</b>		5.9		mg/Kg		02/24/11 16:47	02/25/11 13:07	4
<b>Lead</b>	<b>9.9</b>		2.0		mg/Kg		02/24/11 16:47	02/25/11 13:07	4
Molybdenum	ND		2.0		mg/Kg		02/24/11 16:47	02/25/11 13:07	4
<b>Nickel</b>	<b>59</b>		2.0		mg/Kg		02/24/11 16:47	02/25/11 13:07	4
Selenium	ND		3.9		mg/Kg		02/24/11 16:47	02/25/11 13:07	4
Silver	ND		0.98		mg/Kg		02/24/11 16:47	02/25/11 13:07	4
Thallium	ND		2.0		mg/Kg		02/24/11 16:47	02/25/11 13:07	4
<b>Vanadium</b>	<b>20</b>		2.0		mg/Kg		02/24/11 16:47	02/25/11 13:07	4
<b>Zinc</b>	<b>36</b>		5.9		mg/Kg		02/24/11 16:47	02/25/11 13:07	4

# Analytical Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33472-1

**Client Sample ID: SB-8**

**Date Collected: 02/17/11 11:30**

**Date Received: 02/18/11 11:00**

**Lab Sample ID: 720-33472-2**

**Matrix: Solid**

**Method: 7471A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	1.1		0.010		mg/Kg		02/22/11 19:00	02/22/11 22:06	1

**Client Sample ID: SB-15**

**Date Collected: 02/17/11 07:30**

**Date Received: 02/18/11 11:00**

**Lab Sample ID: 720-33472-3**

**Matrix: Solid**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.3		ug/Kg		02/18/11 17:00	02/19/11 01:28	1
Acetone	ND		53		ug/Kg		02/18/11 17:00	02/19/11 01:28	1
Benzene	ND		5.3		ug/Kg		02/18/11 17:00	02/19/11 01:28	1
Dichlorobromomethane	ND		5.3		ug/Kg		02/18/11 17:00	02/19/11 01:28	1
Bromobenzene	ND		5.3		ug/Kg		02/18/11 17:00	02/19/11 01:28	1
Chlorobromomethane	ND		21		ug/Kg		02/18/11 17:00	02/19/11 01:28	1
Bromoform	ND		5.3		ug/Kg		02/18/11 17:00	02/19/11 01:28	1
Bromomethane	ND		11		ug/Kg		02/18/11 17:00	02/19/11 01:28	1
2-Butanone (MEK)	ND		53		ug/Kg		02/18/11 17:00	02/19/11 01:28	1
n-Butylbenzene	ND		5.3		ug/Kg		02/18/11 17:00	02/19/11 01:28	1
sec-Butylbenzene	ND		5.3		ug/Kg		02/18/11 17:00	02/19/11 01:28	1
tert-Butylbenzene	ND		5.3		ug/Kg		02/18/11 17:00	02/19/11 01:28	1
Carbon disulfide	ND		5.3		ug/Kg		02/18/11 17:00	02/19/11 01:28	1
Carbon tetrachloride	ND		5.3		ug/Kg		02/18/11 17:00	02/19/11 01:28	1
Chlorobenzene	ND		5.3		ug/Kg		02/18/11 17:00	02/19/11 01:28	1
Chloroethane	ND		11		ug/Kg		02/18/11 17:00	02/19/11 01:28	1
Chloroform	ND		5.3		ug/Kg		02/18/11 17:00	02/19/11 01:28	1
Chloromethane	ND		11		ug/Kg		02/18/11 17:00	02/19/11 01:28	1
2-Chlorotoluene	ND		5.3		ug/Kg		02/18/11 17:00	02/19/11 01:28	1
4-Chlorotoluene	ND		5.3		ug/Kg		02/18/11 17:00	02/19/11 01:28	1
Chlorodibromomethane	ND		5.3		ug/Kg		02/18/11 17:00	02/19/11 01:28	1
1,2-Dichlorobenzene	ND		5.3		ug/Kg		02/18/11 17:00	02/19/11 01:28	1
1,3-Dichlorobenzene	ND		5.3		ug/Kg		02/18/11 17:00	02/19/11 01:28	1
1,4-Dichlorobenzene	ND		5.3		ug/Kg		02/18/11 17:00	02/19/11 01:28	1
1,3-Dichloropropane	ND		5.3		ug/Kg		02/18/11 17:00	02/19/11 01:28	1
1,1-Dichloropropene	ND		5.3		ug/Kg		02/18/11 17:00	02/19/11 01:28	1
1,2-Dibromo-3-Chloropropane	ND		5.3		ug/Kg		02/18/11 17:00	02/19/11 01:28	1
Ethylene Dibromide	ND		5.3		ug/Kg		02/18/11 17:00	02/19/11 01:28	1
Dibromomethane	ND		11		ug/Kg		02/18/11 17:00	02/19/11 01:28	1
Dichlorodifluoromethane	ND		11		ug/Kg		02/18/11 17:00	02/19/11 01:28	1
1,1-Dichloroethane	ND		5.3		ug/Kg		02/18/11 17:00	02/19/11 01:28	1
1,2-Dichloroethane	ND		5.3		ug/Kg		02/18/11 17:00	02/19/11 01:28	1
1,1-Dichloroethene	ND		5.3		ug/Kg		02/18/11 17:00	02/19/11 01:28	1
cis-1,2-Dichloroethene	ND		5.3		ug/Kg		02/18/11 17:00	02/19/11 01:28	1
trans-1,2-Dichloroethene	ND		5.3		ug/Kg		02/18/11 17:00	02/19/11 01:28	1
1,2-Dichloropropane	ND		5.3		ug/Kg		02/18/11 17:00	02/19/11 01:28	1
cis-1,3-Dichloropropene	ND		5.3		ug/Kg		02/18/11 17:00	02/19/11 01:28	1
trans-1,3-Dichloropropene	ND		5.3		ug/Kg		02/18/11 17:00	02/19/11 01:28	1
Ethylbenzene	ND		5.3		ug/Kg		02/18/11 17:00	02/19/11 01:28	1
Hexachlorobutadiene	ND		5.3		ug/Kg		02/18/11 17:00	02/19/11 01:28	1
2-Hexanone	ND		53		ug/Kg		02/18/11 17:00	02/19/11 01:28	1
Isopropylbenzene	ND		5.3		ug/Kg		02/18/11 17:00	02/19/11 01:28	1
4-Isopropyltoluene	ND		5.3		ug/Kg		02/18/11 17:00	02/19/11 01:28	1

# Analytical Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33472-1

**Client Sample ID: SB-15**

**Date Collected: 02/17/11 07:30**

**Date Received: 02/18/11 11:00**

**Lab Sample ID: 720-33472-3**

**Matrix: Solid**

**Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		11		ug/Kg		02/18/11 17:00	02/19/11 01:28	1
4-Methyl-2-pentanone (MIBK)	ND		53		ug/Kg		02/18/11 17:00	02/19/11 01:28	1
Naphthalene	ND		11		ug/Kg		02/18/11 17:00	02/19/11 01:28	1
N-Propylbenzene	ND		5.3		ug/Kg		02/18/11 17:00	02/19/11 01:28	1
Styrene	ND		5.3		ug/Kg		02/18/11 17:00	02/19/11 01:28	1
1,1,1,2-Tetrachloroethane	ND		5.3		ug/Kg		02/18/11 17:00	02/19/11 01:28	1
1,1,2,2-Tetrachloroethane	ND		5.3		ug/Kg		02/18/11 17:00	02/19/11 01:28	1
Tetrachloroethene	ND		5.3		ug/Kg		02/18/11 17:00	02/19/11 01:28	1
Toluene	ND		5.3		ug/Kg		02/18/11 17:00	02/19/11 01:28	1
1,2,3-Trichlorobenzene	ND		5.3		ug/Kg		02/18/11 17:00	02/19/11 01:28	1
1,2,4-Trichlorobenzene	ND		5.3		ug/Kg		02/18/11 17:00	02/19/11 01:28	1
1,1,1-Trichloroethane	ND		5.3		ug/Kg		02/18/11 17:00	02/19/11 01:28	1
1,1,2-Trichloroethane	ND		5.3		ug/Kg		02/18/11 17:00	02/19/11 01:28	1
Trichloroethene	ND		5.3		ug/Kg		02/18/11 17:00	02/19/11 01:28	1
Trichlorofluoromethane	ND		5.3		ug/Kg		02/18/11 17:00	02/19/11 01:28	1
1,2,3-Trichloropropane	ND		5.3		ug/Kg		02/18/11 17:00	02/19/11 01:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.3		ug/Kg		02/18/11 17:00	02/19/11 01:28	1
1,2,4-Trimethylbenzene	ND		5.3		ug/Kg		02/18/11 17:00	02/19/11 01:28	1
1,3,5-Trimethylbenzene	ND		5.3		ug/Kg		02/18/11 17:00	02/19/11 01:28	1
Vinyl acetate	ND		53		ug/Kg		02/18/11 17:00	02/19/11 01:28	1
Vinyl chloride	ND		5.3		ug/Kg		02/18/11 17:00	02/19/11 01:28	1
Xylenes, Total	ND		11		ug/Kg		02/18/11 17:00	02/19/11 01:28	1
2,2-Dichloropropane	ND		5.3		ug/Kg		02/18/11 17:00	02/19/11 01:28	1
Gasoline Range Organics (GRO) -C5-C12	ND		270		ug/Kg		02/18/11 17:00	02/19/11 01:28	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	80		65 - 117	02/18/11 17:00	02/19/11 01:28	1
1,2-Dichloroethane-d4 (Surr)	111		73 - 140	02/18/11 17:00	02/19/11 01:28	1
Toluene-d8 (Surr)	88		84 - 116	02/18/11 17:00	02/19/11 01:28	1

**Method: 8270C SIM - PAHs by GCMS (SIM)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		50		ug/Kg		02/22/11 13:07	02/23/11 20:43	10
Acenaphthene	ND		50		ug/Kg		02/22/11 13:07	02/23/11 20:43	10
Acenaphthylene	170		50		ug/Kg		02/22/11 13:07	02/23/11 20:43	10
Fluorene	78		50		ug/Kg		02/22/11 13:07	02/23/11 20:43	10
Phenanthrene	900		50		ug/Kg		02/22/11 13:07	02/23/11 20:43	10
Anthracene	150		50		ug/Kg		02/22/11 13:07	02/23/11 20:43	10
Benzo[a]anthracene	750		50		ug/Kg		02/22/11 13:07	02/23/11 20:43	10
Chrysene	850		50		ug/Kg		02/22/11 13:07	02/23/11 20:43	10
Benzo[a]pyrene	1000		50		ug/Kg		02/22/11 13:07	02/23/11 20:43	10
Benzo[b]fluoranthene	1100		50		ug/Kg		02/22/11 13:07	02/23/11 20:43	10
Benzo[k]fluoranthene	490		50		ug/Kg		02/22/11 13:07	02/23/11 20:43	10
Benzo[g,h,i]perylene	480		50		ug/Kg		02/22/11 13:07	02/23/11 20:43	10
Indeno[1,2,3-cd]pyrene	400		50		ug/Kg		02/22/11 13:07	02/23/11 20:43	10
Fluoranthene	1400		50		ug/Kg		02/22/11 13:07	02/23/11 20:43	10
Pyrene	2000		50		ug/Kg		02/22/11 13:07	02/23/11 20:43	10
Dibenz(a,h)anthracene	100		50		ug/Kg		02/22/11 13:07	02/23/11 20:43	10

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	62		33 - 120	02/22/11 13:07	02/23/11 20:43	10

# Analytical Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33472-1

**Client Sample ID: SB-15**

**Date Collected: 02/17/11 07:30**

**Date Received: 02/18/11 11:00**

**Lab Sample ID: 720-33472-3**

**Matrix: Solid**

**Method: 8270C SIM - PAHs by GCMS (SIM) (Continued)**

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14	77		35 - 146	02/22/11 13:07	02/23/11 20:43	10

**Method: 8015B - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	45		3.0		mg/Kg		02/22/11 13:04	02/24/11 18:56	3
Motor Oil Range Organics [C24-C36]	240		150		mg/Kg		02/22/11 13:04	02/24/11 18:56	3

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	83		31 - 114	02/22/11 13:04	02/24/11 18:56	3

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.0		mg/Kg		02/24/11 16:47	02/25/11 13:11	4
Arsenic	ND		3.9		mg/Kg		02/24/11 16:47	02/25/11 13:11	4
Barium	110		2.0		mg/Kg		02/24/11 16:47	02/25/11 13:11	4
Beryllium	ND		0.39		mg/Kg		02/24/11 16:47	02/25/11 13:11	4
Cadmium	ND		0.49		mg/Kg		02/24/11 16:47	02/25/11 13:11	4
Chromium	46		2.0		mg/Kg		02/24/11 16:47	02/25/11 13:11	4
Cobalt	7.5		0.78		mg/Kg		02/24/11 16:47	02/25/11 13:11	4
Copper	28		5.9		mg/Kg		02/24/11 16:47	02/25/11 13:11	4
Lead	250		2.0		mg/Kg		02/24/11 16:47	02/25/11 13:11	4
Molybdenum	ND		2.0		mg/Kg		02/24/11 16:47	02/25/11 13:11	4
Nickel	34		2.0		mg/Kg		02/24/11 16:47	02/25/11 13:11	4
Selenium	ND		3.9		mg/Kg		02/24/11 16:47	02/25/11 13:11	4
Silver	ND		0.98		mg/Kg		02/24/11 16:47	02/25/11 13:11	4
Thallium	ND		2.0		mg/Kg		02/24/11 16:47	02/25/11 13:11	4
Vanadium	28		2.0		mg/Kg		02/24/11 16:47	02/25/11 13:11	4
Zinc	100		5.9		mg/Kg		02/24/11 16:47	02/25/11 13:11	4

**Method: 7471A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.38		0.010		mg/Kg		02/22/11 19:00	02/22/11 22:08	1

**Client Sample ID: SB-16**

**Date Collected: 02/17/11 08:30**

**Date Received: 02/18/11 11:00**

**Lab Sample ID: 720-33472-4**

**Matrix: Solid**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		7.7		ug/Kg		02/18/11 17:00	02/19/11 01:58	1
Acetone	290		77		ug/Kg		02/18/11 17:00	02/19/11 01:58	1
Benzene	ND		7.7		ug/Kg		02/18/11 17:00	02/19/11 01:58	1
Dichlorobromomethane	ND		7.7		ug/Kg		02/18/11 17:00	02/19/11 01:58	1
Bromobenzene	ND		7.7		ug/Kg		02/18/11 17:00	02/19/11 01:58	1
Chlorobromomethane	ND		31		ug/Kg		02/18/11 17:00	02/19/11 01:58	1
Bromoform	ND		7.7		ug/Kg		02/18/11 17:00	02/19/11 01:58	1
Bromomethane	ND		15		ug/Kg		02/18/11 17:00	02/19/11 01:58	1
2-Butanone (MEK)	ND		77		ug/Kg		02/18/11 17:00	02/19/11 01:58	1
n-Butylbenzene	ND		7.7		ug/Kg		02/18/11 17:00	02/19/11 01:58	1
sec-Butylbenzene	ND		7.7		ug/Kg		02/18/11 17:00	02/19/11 01:58	1

# Analytical Data

Client: ACC Environmental Consultants  
 Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33472-1

**Client Sample ID: SB-16**

**Date Collected: 02/17/11 08:30**

**Date Received: 02/18/11 11:00**

**Lab Sample ID: 720-33472-4**

**Matrix: Solid**

**Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	ND		7.7		ug/Kg		02/18/11 17:00	02/19/11 01:58	1
Carbon disulfide	ND		7.7		ug/Kg		02/18/11 17:00	02/19/11 01:58	1
Carbon tetrachloride	ND		7.7		ug/Kg		02/18/11 17:00	02/19/11 01:58	1
Chlorobenzene	ND		7.7		ug/Kg		02/18/11 17:00	02/19/11 01:58	1
Chloroethane	ND		15		ug/Kg		02/18/11 17:00	02/19/11 01:58	1
Chloroform	ND		7.7		ug/Kg		02/18/11 17:00	02/19/11 01:58	1
Chloromethane	ND		15		ug/Kg		02/18/11 17:00	02/19/11 01:58	1
2-Chlorotoluene	ND		7.7		ug/Kg		02/18/11 17:00	02/19/11 01:58	1
4-Chlorotoluene	ND		7.7		ug/Kg		02/18/11 17:00	02/19/11 01:58	1
Chlorodibromomethane	ND		7.7		ug/Kg		02/18/11 17:00	02/19/11 01:58	1
1,2-Dichlorobenzene	ND		7.7		ug/Kg		02/18/11 17:00	02/19/11 01:58	1
1,3-Dichlorobenzene	ND		7.7		ug/Kg		02/18/11 17:00	02/19/11 01:58	1
1,4-Dichlorobenzene	ND		7.7		ug/Kg		02/18/11 17:00	02/19/11 01:58	1
1,3-Dichloropropane	ND		7.7		ug/Kg		02/18/11 17:00	02/19/11 01:58	1
1,1-Dichloropropene	ND		7.7		ug/Kg		02/18/11 17:00	02/19/11 01:58	1
1,2-Dibromo-3-Chloropropane	ND		7.7		ug/Kg		02/18/11 17:00	02/19/11 01:58	1
Ethylene Dibromide	ND		7.7		ug/Kg		02/18/11 17:00	02/19/11 01:58	1
Dibromomethane	ND		15		ug/Kg		02/18/11 17:00	02/19/11 01:58	1
Dichlorodifluoromethane	ND		15		ug/Kg		02/18/11 17:00	02/19/11 01:58	1
1,1-Dichloroethane	ND		7.7		ug/Kg		02/18/11 17:00	02/19/11 01:58	1
1,2-Dichloroethane	ND		7.7		ug/Kg		02/18/11 17:00	02/19/11 01:58	1
1,1-Dichloroethene	ND		7.7		ug/Kg		02/18/11 17:00	02/19/11 01:58	1
cis-1,2-Dichloroethene	ND		7.7		ug/Kg		02/18/11 17:00	02/19/11 01:58	1
trans-1,2-Dichloroethene	ND		7.7		ug/Kg		02/18/11 17:00	02/19/11 01:58	1
1,2-Dichloropropane	ND		7.7		ug/Kg		02/18/11 17:00	02/19/11 01:58	1
cis-1,3-Dichloropropene	ND		7.7		ug/Kg		02/18/11 17:00	02/19/11 01:58	1
trans-1,3-Dichloropropene	ND		7.7		ug/Kg		02/18/11 17:00	02/19/11 01:58	1
Ethylbenzene	ND		7.7		ug/Kg		02/18/11 17:00	02/19/11 01:58	1
Hexachlorobutadiene	ND		7.7		ug/Kg		02/18/11 17:00	02/19/11 01:58	1
2-Hexanone	ND		77		ug/Kg		02/18/11 17:00	02/19/11 01:58	1
Isopropylbenzene	ND		7.7		ug/Kg		02/18/11 17:00	02/19/11 01:58	1
4-Isopropyltoluene	ND		7.7		ug/Kg		02/18/11 17:00	02/19/11 01:58	1
Methylene Chloride	ND		15		ug/Kg		02/18/11 17:00	02/19/11 01:58	1
4-Methyl-2-pentanone (MIBK)	ND		77		ug/Kg		02/18/11 17:00	02/19/11 01:58	1
Naphthalene	ND		15		ug/Kg		02/18/11 17:00	02/19/11 01:58	1
N-Propylbenzene	ND		7.7		ug/Kg		02/18/11 17:00	02/19/11 01:58	1
Styrene	ND		7.7		ug/Kg		02/18/11 17:00	02/19/11 01:58	1
1,1,1,2-Tetrachloroethane	ND		7.7		ug/Kg		02/18/11 17:00	02/19/11 01:58	1
1,1,2,2-Tetrachloroethane	ND		7.7		ug/Kg		02/18/11 17:00	02/19/11 01:58	1
Tetrachloroethene	ND		7.7		ug/Kg		02/18/11 17:00	02/19/11 01:58	1
Toluene	ND		7.7		ug/Kg		02/18/11 17:00	02/19/11 01:58	1
1,2,3-Trichlorobenzene	ND		7.7		ug/Kg		02/18/11 17:00	02/19/11 01:58	1
1,2,4-Trichlorobenzene	ND		7.7		ug/Kg		02/18/11 17:00	02/19/11 01:58	1
1,1,1-Trichloroethane	ND		7.7		ug/Kg		02/18/11 17:00	02/19/11 01:58	1
1,1,2-Trichloroethane	ND		7.7		ug/Kg		02/18/11 17:00	02/19/11 01:58	1
Trichloroethene	ND		7.7		ug/Kg		02/18/11 17:00	02/19/11 01:58	1
Trichlorofluoromethane	ND		7.7		ug/Kg		02/18/11 17:00	02/19/11 01:58	1
1,2,3-Trichloropropane	ND		7.7		ug/Kg		02/18/11 17:00	02/19/11 01:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		7.7		ug/Kg		02/18/11 17:00	02/19/11 01:58	1
1,2,4-Trimethylbenzene	ND		7.7		ug/Kg		02/18/11 17:00	02/19/11 01:58	1

# Analytical Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33472-1

**Client Sample ID: SB-16**

**Lab Sample ID: 720-33472-4**

Date Collected: 02/17/11 08:30

Matrix: Solid

Date Received: 02/18/11 11:00

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	ND		7.7		ug/Kg		02/18/11 17:00	02/19/11 01:58	1
Vinyl acetate	ND		77		ug/Kg		02/18/11 17:00	02/19/11 01:58	1
Vinyl chloride	ND		7.7		ug/Kg		02/18/11 17:00	02/19/11 01:58	1
Xylenes, Total	ND		15		ug/Kg		02/18/11 17:00	02/19/11 01:58	1
2,2-Dichloropropane	ND		7.7		ug/Kg		02/18/11 17:00	02/19/11 01:58	1
Gasoline Range Organics (GRO) -C5-C12	ND		380		ug/Kg		02/18/11 17:00	02/19/11 01:58	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	74		65 - 117	02/18/11 17:00	02/19/11 01:58	1
1,2-Dichloroethane-d4 (Surr)	109		73 - 140	02/18/11 17:00	02/19/11 01:58	1
Toluene-d8 (Surr)	84		84 - 116	02/18/11 17:00	02/19/11 01:58	1

## Method: 8270C SIM - PAHs by GCMS (SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		50		ug/Kg		02/22/11 13:07	02/23/11 21:06	10
Acenaphthene	ND		50		ug/Kg		02/22/11 13:07	02/23/11 21:06	10
Acenaphthylene	52		50		ug/Kg		02/22/11 13:07	02/23/11 21:06	10
Fluorene	ND		50		ug/Kg		02/22/11 13:07	02/23/11 21:06	10
Phenanthrene	220		50		ug/Kg		02/22/11 13:07	02/23/11 21:06	10
Anthracene	ND		50		ug/Kg		02/22/11 13:07	02/23/11 21:06	10
Benzo[a]anthracene	220		50		ug/Kg		02/22/11 13:07	02/23/11 21:06	10
Chrysene	280		50		ug/Kg		02/22/11 13:07	02/23/11 21:06	10
Benzo[a]pyrene	340		50		ug/Kg		02/22/11 13:07	02/23/11 21:06	10
Benzo[b]fluoranthene	450		50		ug/Kg		02/22/11 13:07	02/23/11 21:06	10
Benzo[k]fluoranthene	170		50		ug/Kg		02/22/11 13:07	02/23/11 21:06	10
Benzo[g,h,i]perylene	130		50		ug/Kg		02/22/11 13:07	02/23/11 21:06	10
Indeno[1,2,3-cd]pyrene	98		50		ug/Kg		02/22/11 13:07	02/23/11 21:06	10
Fluoranthene	390		50		ug/Kg		02/22/11 13:07	02/23/11 21:06	10
Pyrene	620		50		ug/Kg		02/22/11 13:07	02/23/11 21:06	10
Dibenz(a,h)anthracene	ND		50		ug/Kg		02/22/11 13:07	02/23/11 21:06	10

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	63		33 - 120	02/22/11 13:07	02/23/11 21:06	10
Terphenyl-d14	77		35 - 146	02/22/11 13:07	02/23/11 21:06	10

## Method: 8015B - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	290		25		mg/Kg		02/22/11 13:04	02/24/11 17:43	10
Motor Oil Range Organics [C24-C36]	2200		1200		mg/Kg		02/22/11 13:04	02/24/11 17:43	10

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	0	D	31 - 114	02/22/11 13:04	02/24/11 17:43	10

## Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.0		mg/Kg		02/24/11 16:47	02/25/11 13:23	4
Arsenic	4.2		4.0		mg/Kg		02/24/11 16:47	02/25/11 13:23	4
Barium	130		2.0		mg/Kg		02/24/11 16:47	02/25/11 13:23	4
Beryllium	ND		0.40		mg/Kg		02/24/11 16:47	02/25/11 13:23	4
Cadmium	ND		0.50		mg/Kg		02/24/11 16:47	02/25/11 13:23	4
Chromium	35		2.0		mg/Kg		02/24/11 16:47	02/25/11 13:23	4



# Analytical Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33472-1

**Client Sample ID: SB-16**

**Date Collected: 02/17/11 08:30**

**Date Received: 02/18/11 11:00**

**Lab Sample ID: 720-33472-4**

**Matrix: Solid**

**Method: 6010B - Metals (ICP) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	6.2		0.79		mg/Kg		02/24/11 16:47	02/25/11 13:23	4
Copper	41		5.9		mg/Kg		02/24/11 16:47	02/25/11 13:23	4
Lead	340		2.0		mg/Kg		02/24/11 16:47	02/25/11 13:23	4
Molybdenum	ND		2.0		mg/Kg		02/24/11 16:47	02/25/11 13:23	4
Nickel	29		2.0		mg/Kg		02/24/11 16:47	02/25/11 13:23	4
Selenium	ND		4.0		mg/Kg		02/24/11 16:47	02/25/11 13:23	4
Silver	ND		0.99		mg/Kg		02/24/11 16:47	02/25/11 13:23	4
Thallium	ND		2.0		mg/Kg		02/24/11 16:47	02/25/11 13:23	4
Vanadium	26		2.0		mg/Kg		02/24/11 16:47	02/25/11 13:23	4
Zinc	250		5.9		mg/Kg		02/24/11 16:47	02/25/11 13:23	4

**Method: 7471A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.18		0.0097		mg/Kg		02/22/11 19:00	02/22/11 22:15	1

**Client Sample ID: SB-16**

**Date Collected: 02/17/11 08:30**

**Date Received: 02/18/11 11:00**

**Lab Sample ID: 720-33472-5**

**Matrix: Water**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	2.8		0.50		ug/L			02/22/11 23:10	1
Acetone	ND		50		ug/L			02/22/11 23:10	1
Benzene	ND		0.50		ug/L			02/22/11 23:10	1
Dichlorobromomethane	ND		0.50		ug/L			02/22/11 23:10	1
Bromobenzene	ND		1.0		ug/L			02/22/11 23:10	1
Chlorobromomethane	ND		1.0		ug/L			02/22/11 23:10	1
Bromoform	ND		1.0		ug/L			02/22/11 23:10	1
Bromomethane	ND		1.0		ug/L			02/22/11 23:10	1
2-Butanone (MEK)	ND		50		ug/L			02/22/11 23:10	1
n-Butylbenzene	ND		1.0		ug/L			02/22/11 23:10	1
sec-Butylbenzene	ND		1.0		ug/L			02/22/11 23:10	1
tert-Butylbenzene	ND		1.0		ug/L			02/22/11 23:10	1
Carbon disulfide	ND		5.0		ug/L			02/22/11 23:10	1
Carbon tetrachloride	ND		0.50		ug/L			02/22/11 23:10	1
Chlorobenzene	ND		0.50		ug/L			02/22/11 23:10	1
Chloroethane	ND		1.0		ug/L			02/22/11 23:10	1
Chloroform	ND		1.0		ug/L			02/22/11 23:10	1
Chloromethane	ND		1.0		ug/L			02/22/11 23:10	1
2-Chlorotoluene	ND		0.50		ug/L			02/22/11 23:10	1
4-Chlorotoluene	ND		0.50		ug/L			02/22/11 23:10	1
Chlorodibromomethane	ND		0.50		ug/L			02/22/11 23:10	1
1,2-Dichlorobenzene	ND		0.50		ug/L			02/22/11 23:10	1
1,3-Dichlorobenzene	ND		0.50		ug/L			02/22/11 23:10	1
1,4-Dichlorobenzene	ND		0.50		ug/L			02/22/11 23:10	1
1,3-Dichloropropane	ND		1.0		ug/L			02/22/11 23:10	1
1,1-Dichloropropene	ND		0.50		ug/L			02/22/11 23:10	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			02/22/11 23:10	1
Ethylene Dibromide	ND		0.50		ug/L			02/22/11 23:10	1
Dibromomethane	ND		0.50		ug/L			02/22/11 23:10	1
Dichlorodifluoromethane	ND		0.50		ug/L			02/22/11 23:10	1

# Analytical Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33472-1

**Client Sample ID: SB-16**

**Date Collected: 02/17/11 08:30**

**Date Received: 02/18/11 11:00**

**Lab Sample ID: 720-33472-5**

**Matrix: Water**

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50		ug/L			02/22/11 23:10	1
1,2-Dichloroethane	ND		0.50		ug/L			02/22/11 23:10	1
1,1-Dichloroethene	ND		0.50		ug/L			02/22/11 23:10	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			02/22/11 23:10	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			02/22/11 23:10	1
1,2-Dichloropropane	ND		0.50		ug/L			02/22/11 23:10	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			02/22/11 23:10	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			02/22/11 23:10	1
Ethylbenzene	ND		0.50		ug/L			02/22/11 23:10	1
Hexachlorobutadiene	ND		1.0		ug/L			02/22/11 23:10	1
2-Hexanone	ND		50		ug/L			02/22/11 23:10	1
Isopropylbenzene	ND		0.50		ug/L			02/22/11 23:10	1
4-Isopropyltoluene	ND		1.0		ug/L			02/22/11 23:10	1
Methylene Chloride	ND		5.0		ug/L			02/22/11 23:10	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			02/22/11 23:10	1
Naphthalene	ND		1.0		ug/L			02/22/11 23:10	1
N-Propylbenzene	ND		1.0		ug/L			02/22/11 23:10	1
Styrene	ND		0.50		ug/L			02/22/11 23:10	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			02/22/11 23:10	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			02/22/11 23:10	1
Tetrachloroethene	ND		0.50		ug/L			02/22/11 23:10	1
Toluene	ND		0.50		ug/L			02/22/11 23:10	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			02/22/11 23:10	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			02/22/11 23:10	1
1,1,1-Trichloroethane	ND		0.50		ug/L			02/22/11 23:10	1
1,1,2-Trichloroethane	ND		0.50		ug/L			02/22/11 23:10	1
Trichloroethene	ND		0.50		ug/L			02/22/11 23:10	1
Trichlorofluoromethane	ND		1.0		ug/L			02/22/11 23:10	1
1,2,3-Trichloropropane	ND		0.50		ug/L			02/22/11 23:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			02/22/11 23:10	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			02/22/11 23:10	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			02/22/11 23:10	1
Vinyl acetate	ND		10		ug/L			02/22/11 23:10	1
Vinyl chloride	ND		0.50		ug/L			02/22/11 23:10	1
Xylenes, Total	ND		1.0		ug/L			02/22/11 23:10	1
2,2-Dichloropropane	ND		0.50		ug/L			02/22/11 23:10	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			02/22/11 23:10	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	101		67 - 130		02/22/11 23:10	1
1,2-Dichloroethane-d4 (Surr)	115		67 - 130		02/22/11 23:10	1
Toluene-d8 (Surr)	100		70 - 130		02/22/11 23:10	1

## Method: 8270C SIM - PAHs by GCMS (SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Naphthalene</b>	<b>0.17</b>		0.11		ug/L		02/22/11 11:51	02/23/11 16:22	1
Acenaphthene	ND		0.11		ug/L		02/22/11 11:51	02/23/11 16:22	1
Acenaphthylene	ND		0.11		ug/L		02/22/11 11:51	02/23/11 16:22	1
Fluorene	ND		0.11		ug/L		02/22/11 11:51	02/23/11 16:22	1
Phenanthrene	ND		0.11		ug/L		02/22/11 11:51	02/23/11 16:22	1

# Analytical Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33472-1

**Client Sample ID: SB-16**

**Lab Sample ID: 720-33472-5**

Date Collected: 02/17/11 08:30

Matrix: Water

Date Received: 02/18/11 11:00

## Method: 8270C SIM - PAHs by GCMS (SIM) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	ND		0.11		ug/L		02/22/11 11:51	02/23/11 16:22	1
Benzo[a]anthracene	ND		0.11		ug/L		02/22/11 11:51	02/23/11 16:22	1
Chrysene	ND		0.11		ug/L		02/22/11 11:51	02/23/11 16:22	1
Benzo[a]pyrene	ND		0.11		ug/L		02/22/11 11:51	02/23/11 16:22	1
Benzo[b]fluoranthene	ND		0.11		ug/L		02/22/11 11:51	02/23/11 16:22	1
Benzo[k]fluoranthene	ND		0.11		ug/L		02/22/11 11:51	02/23/11 16:22	1
Benzo[g,h,i]perylene	ND		0.11		ug/L		02/22/11 11:51	02/23/11 16:22	1
Indeno[1,2,3-cd]pyrene	ND		0.11		ug/L		02/22/11 11:51	02/23/11 16:22	1
Fluoranthene	ND		0.11		ug/L		02/22/11 11:51	02/23/11 16:22	1
Pyrene	ND		0.11		ug/L		02/22/11 11:51	02/23/11 16:22	1
Dibenz(a,h)anthracene	ND		0.11		ug/L		02/22/11 11:51	02/23/11 16:22	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	52		29 - 120				02/22/11 11:51	02/23/11 16:22	1
Terphenyl-d14	71		45 - 120				02/22/11 11:51	02/23/11 16:22	1

## Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	1100		58		ug/L		02/22/11 16:08	02/24/11 13:00	1
Motor Oil Range Organics [C24-C36]	1600		120		ug/L		02/22/11 16:08	02/24/11 13:00	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
p-Terphenyl	48		23 - 156				02/22/11 16:08	02/24/11 13:00	1

## Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.010		mg/L		02/22/11 14:00	02/23/11 12:43	1
<b>Arsenic</b>	<b>0.011</b>		0.010		mg/L		02/22/11 14:00	02/23/11 12:43	1
<b>Barium</b>	<b>0.11</b>		0.0050		mg/L		02/22/11 14:00	02/23/11 20:36	1
Beryllium	ND		0.0020		mg/L		02/22/11 14:00	02/23/11 20:36	1
Cadmium	ND		0.0025		mg/L		02/22/11 14:00	02/23/11 12:43	1
Chromium	ND		0.010		mg/L		02/22/11 14:00	02/23/11 12:43	1
Cobalt	ND		0.0020		mg/L		02/22/11 14:00	02/23/11 12:43	1
Copper	ND		0.020		mg/L		02/22/11 14:00	02/23/11 12:43	1
Lead	ND		0.0050		mg/L		02/22/11 14:00	02/23/11 12:43	1
Molybdenum	ND		0.010		mg/L		02/22/11 14:00	02/23/11 12:43	1
Nickel	ND		0.010		mg/L		02/22/11 14:00	02/23/11 12:43	1
Selenium	ND		0.020		mg/L		02/22/11 14:00	02/23/11 12:43	1
Silver	ND		0.0050		mg/L		02/22/11 14:00	02/23/11 12:43	1
Thallium	ND		0.010		mg/L		02/22/11 14:00	02/23/11 12:43	1
Vanadium	ND		0.010		mg/L		02/22/11 14:00	02/23/11 12:43	1
<b>Zinc</b>	<b>0.027</b>		0.020		mg/L		02/22/11 14:00	02/23/11 12:43	1

## Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00028		0.00020		mg/L		02/24/11 13:57	02/24/11 19:37	1

# Analytical Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33472-1

**Client Sample ID: SB-17**

**Date Collected: 02/17/11 09:15**

**Date Received: 02/18/11 11:00**

**Lab Sample ID: 720-33472-6**

**Matrix: Water**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			02/22/11 23:39	1
Acetone	ND		50		ug/L			02/22/11 23:39	1
Benzene	ND		0.50		ug/L			02/22/11 23:39	1
Dichlorobromomethane	ND		0.50		ug/L			02/22/11 23:39	1
Bromobenzene	ND		1.0		ug/L			02/22/11 23:39	1
Chlorobromomethane	ND		1.0		ug/L			02/22/11 23:39	1
Bromoform	ND		1.0		ug/L			02/22/11 23:39	1
Bromomethane	ND		1.0		ug/L			02/22/11 23:39	1
2-Butanone (MEK)	ND		50		ug/L			02/22/11 23:39	1
n-Butylbenzene	ND		1.0		ug/L			02/22/11 23:39	1
sec-Butylbenzene	ND		1.0		ug/L			02/22/11 23:39	1
tert-Butylbenzene	ND		1.0		ug/L			02/22/11 23:39	1
Carbon disulfide	ND		5.0		ug/L			02/22/11 23:39	1
Carbon tetrachloride	ND		0.50		ug/L			02/22/11 23:39	1
Chlorobenzene	ND		0.50		ug/L			02/22/11 23:39	1
Chloroethane	ND		1.0		ug/L			02/22/11 23:39	1
Chloroform	ND		1.0		ug/L			02/22/11 23:39	1
Chloromethane	ND		1.0		ug/L			02/22/11 23:39	1
2-Chlorotoluene	ND		0.50		ug/L			02/22/11 23:39	1
4-Chlorotoluene	ND		0.50		ug/L			02/22/11 23:39	1
Chlorodibromomethane	ND		0.50		ug/L			02/22/11 23:39	1
1,2-Dichlorobenzene	ND		0.50		ug/L			02/22/11 23:39	1
1,3-Dichlorobenzene	ND		0.50		ug/L			02/22/11 23:39	1
1,4-Dichlorobenzene	ND		0.50		ug/L			02/22/11 23:39	1
1,3-Dichloropropane	ND		1.0		ug/L			02/22/11 23:39	1
1,1-Dichloropropene	ND		0.50		ug/L			02/22/11 23:39	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			02/22/11 23:39	1
Ethylene Dibromide	ND		0.50		ug/L			02/22/11 23:39	1
Dibromomethane	ND		0.50		ug/L			02/22/11 23:39	1
Dichlorodifluoromethane	ND		0.50		ug/L			02/22/11 23:39	1
1,1-Dichloroethane	ND		0.50		ug/L			02/22/11 23:39	1
1,2-Dichloroethane	ND		0.50		ug/L			02/22/11 23:39	1
1,1-Dichloroethene	ND		0.50		ug/L			02/22/11 23:39	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			02/22/11 23:39	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			02/22/11 23:39	1
1,2-Dichloropropane	ND		0.50		ug/L			02/22/11 23:39	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			02/22/11 23:39	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			02/22/11 23:39	1
Ethylbenzene	ND		0.50		ug/L			02/22/11 23:39	1
Hexachlorobutadiene	ND		1.0		ug/L			02/22/11 23:39	1
2-Hexanone	ND		50		ug/L			02/22/11 23:39	1
Isopropylbenzene	ND		0.50		ug/L			02/22/11 23:39	1
4-Isopropyltoluene	ND		1.0		ug/L			02/22/11 23:39	1
Methylene Chloride	ND		5.0		ug/L			02/22/11 23:39	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			02/22/11 23:39	1
Naphthalene	ND		1.0		ug/L			02/22/11 23:39	1
N-Propylbenzene	ND		1.0		ug/L			02/22/11 23:39	1
Styrene	ND		0.50		ug/L			02/22/11 23:39	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			02/22/11 23:39	1
1,1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			02/22/11 23:39	1

# Analytical Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33472-1

**Client Sample ID: SB-17**

**Date Collected: 02/17/11 09:15**

**Date Received: 02/18/11 11:00**

**Lab Sample ID: 720-33472-6**

**Matrix: Water**

**Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Tetrachloroethene</b>	<b>1.9</b>		0.50		ug/L			02/22/11 23:39	1
Toluene	ND		0.50		ug/L			02/22/11 23:39	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			02/22/11 23:39	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			02/22/11 23:39	1
1,1,1-Trichloroethane	ND		0.50		ug/L			02/22/11 23:39	1
1,1,2-Trichloroethane	ND		0.50		ug/L			02/22/11 23:39	1
Trichloroethene	ND		0.50		ug/L			02/22/11 23:39	1
Trichlorofluoromethane	ND		1.0		ug/L			02/22/11 23:39	1
1,2,3-Trichloropropane	ND		0.50		ug/L			02/22/11 23:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			02/22/11 23:39	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			02/22/11 23:39	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			02/22/11 23:39	1
Vinyl acetate	ND		10		ug/L			02/22/11 23:39	1
Vinyl chloride	ND		0.50		ug/L			02/22/11 23:39	1
Xylenes, Total	ND		1.0		ug/L			02/22/11 23:39	1
2,2-Dichloropropane	ND		0.50		ug/L			02/22/11 23:39	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			02/22/11 23:39	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	100		67 - 130		02/22/11 23:39	1
1,2-Dichloroethane-d4 (Surr)	114		67 - 130		02/22/11 23:39	1
Toluene-d8 (Surr)	99		70 - 130		02/22/11 23:39	1

**Method: 8270C SIM - PAHs by GCMS (SIM)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		0.14		ug/L		02/22/11 11:51	02/23/11 16:46	1
Acenaphthene	ND		0.14		ug/L		02/22/11 11:51	02/23/11 16:46	1
Acenaphthylene	ND		0.14		ug/L		02/22/11 11:51	02/23/11 16:46	1
Fluorene	ND		0.14		ug/L		02/22/11 11:51	02/23/11 16:46	1
Phenanthrene	ND		0.14		ug/L		02/22/11 11:51	02/23/11 16:46	1
Anthracene	ND		0.14		ug/L		02/22/11 11:51	02/23/11 16:46	1
Benzo[a]anthracene	ND		0.14		ug/L		02/22/11 11:51	02/23/11 16:46	1
Chrysene	ND		0.14		ug/L		02/22/11 11:51	02/23/11 16:46	1
Benzo[a]pyrene	ND		0.14		ug/L		02/22/11 11:51	02/23/11 16:46	1
Benzo[b]fluoranthene	ND		0.14		ug/L		02/22/11 11:51	02/23/11 16:46	1
Benzo[k]fluoranthene	ND		0.14		ug/L		02/22/11 11:51	02/23/11 16:46	1
<b>Benzo[g,h,i]perylene</b>	<b>0.20</b>		0.14		ug/L		02/22/11 11:51	02/23/11 16:46	1
Indeno[1,2,3-cd]pyrene	ND		0.14		ug/L		02/22/11 11:51	02/23/11 16:46	1
<b>Fluoranthene</b>	<b>0.14</b>		0.14		ug/L		02/22/11 11:51	02/23/11 16:46	1
<b>Pyrene</b>	<b>0.17</b>		0.14		ug/L		02/22/11 11:51	02/23/11 16:46	1
Dibenz(a,h)anthracene	ND		0.14		ug/L		02/22/11 11:51	02/23/11 16:46	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	42		29 - 120	02/22/11 11:51	02/23/11 16:46	1
Terphenyl-d14	51		45 - 120	02/22/11 11:51	02/23/11 16:46	1

**Method: 8015B - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Diesel Range Organics [C10-C28]</b>	<b>230</b>		50		ug/L		02/23/11 09:21	02/24/11 11:02	1
<b>Motor Oil Range Organics [C24-C36]</b>	<b>330</b>		99		ug/L		02/23/11 09:21	02/24/11 11:02	1

# Analytical Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33472-1

**Client Sample ID: SB-17**

**Date Collected: 02/17/11 09:15**

**Date Received: 02/18/11 11:00**

**Lab Sample ID: 720-33472-6**

**Matrix: Water**

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	68		23 - 156	02/23/11 09:21	02/24/11 11:02	1

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.010		mg/L		02/22/11 14:00	02/23/11 12:47	1
Arsenic	ND		0.010		mg/L		02/22/11 14:00	02/23/11 12:47	1
<b>Barium</b>	<b>0.24</b>		0.0050		mg/L		02/22/11 14:00	02/23/11 20:41	1
Beryllium	ND		0.0020		mg/L		02/22/11 14:00	02/23/11 20:41	1
Cadmium	ND		0.0025		mg/L		02/22/11 14:00	02/23/11 12:47	1
<b>Chromium</b>	<b>0.088</b>		0.010		mg/L		02/22/11 14:00	02/23/11 12:47	1
<b>Cobalt</b>	<b>0.018</b>		0.0020		mg/L		02/22/11 14:00	02/23/11 12:47	1
<b>Copper</b>	<b>0.070</b>		0.020		mg/L		02/22/11 14:00	02/23/11 12:47	1
<b>Lead</b>	<b>0.10</b>		0.0050		mg/L		02/22/11 14:00	02/23/11 12:47	1
Molybdenum	ND		0.010		mg/L		02/22/11 14:00	02/23/11 12:47	1
<b>Nickel</b>	<b>0.059</b>		0.010		mg/L		02/22/11 14:00	02/23/11 12:47	1
Selenium	ND		0.020		mg/L		02/22/11 14:00	02/23/11 12:47	1
Silver	ND		0.0050		mg/L		02/22/11 14:00	02/23/11 12:47	1
Thallium	ND		0.010		mg/L		02/22/11 14:00	02/23/11 12:47	1
<b>Vanadium</b>	<b>0.076</b>		0.010		mg/L		02/22/11 14:00	02/23/11 12:47	1
<b>Zinc</b>	<b>0.24</b>		0.020		mg/L		02/22/11 14:00	02/23/11 12:47	1

**Method: 7470A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.00029</b>		0.00020		mg/L		02/24/11 13:57	02/24/11 19:40	1

**Client Sample ID: SB-18**

**Date Collected: 02/17/11 10:00**

**Date Received: 02/18/11 11:00**

**Lab Sample ID: 720-33472-7**

**Matrix: Water**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			02/23/11 00:07	1
Acetone	ND		50		ug/L			02/23/11 00:07	1
Benzene	ND		0.50		ug/L			02/23/11 00:07	1
Dichlorobromomethane	ND		0.50		ug/L			02/23/11 00:07	1
Bromobenzene	ND		1.0		ug/L			02/23/11 00:07	1
Chlorobromomethane	ND		1.0		ug/L			02/23/11 00:07	1
Bromoform	ND		1.0		ug/L			02/23/11 00:07	1
Bromomethane	ND		1.0		ug/L			02/23/11 00:07	1
2-Butanone (MEK)	ND		50		ug/L			02/23/11 00:07	1
n-Butylbenzene	ND		1.0		ug/L			02/23/11 00:07	1
sec-Butylbenzene	ND		1.0		ug/L			02/23/11 00:07	1
tert-Butylbenzene	ND		1.0		ug/L			02/23/11 00:07	1
Carbon disulfide	ND		5.0		ug/L			02/23/11 00:07	1
Carbon tetrachloride	ND		0.50		ug/L			02/23/11 00:07	1
Chlorobenzene	ND		0.50		ug/L			02/23/11 00:07	1
Chloroethane	ND		1.0		ug/L			02/23/11 00:07	1
Chloroform	ND		1.0		ug/L			02/23/11 00:07	1
Chloromethane	ND		1.0		ug/L			02/23/11 00:07	1
2-Chlorotoluene	ND		0.50		ug/L			02/23/11 00:07	1
4-Chlorotoluene	ND		0.50		ug/L			02/23/11 00:07	1
Chlorodibromomethane	ND		0.50		ug/L			02/23/11 00:07	1

# Analytical Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33472-1

**Client Sample ID: SB-18**

**Date Collected: 02/17/11 10:00**

**Date Received: 02/18/11 11:00**

**Lab Sample ID: 720-33472-7**

**Matrix: Water**

**Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		0.50		ug/L			02/23/11 00:07	1
1,3-Dichlorobenzene	ND		0.50		ug/L			02/23/11 00:07	1
1,4-Dichlorobenzene	ND		0.50		ug/L			02/23/11 00:07	1
1,3-Dichloropropane	ND		1.0		ug/L			02/23/11 00:07	1
1,1-Dichloropropene	ND		0.50		ug/L			02/23/11 00:07	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			02/23/11 00:07	1
Ethylene Dibromide	ND		0.50		ug/L			02/23/11 00:07	1
Dibromomethane	ND		0.50		ug/L			02/23/11 00:07	1
Dichlorodifluoromethane	ND		0.50		ug/L			02/23/11 00:07	1
1,1-Dichloroethane	ND		0.50		ug/L			02/23/11 00:07	1
1,2-Dichloroethane	ND		0.50		ug/L			02/23/11 00:07	1
1,1-Dichloroethene	ND		0.50		ug/L			02/23/11 00:07	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			02/23/11 00:07	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			02/23/11 00:07	1
1,2-Dichloropropane	ND		0.50		ug/L			02/23/11 00:07	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			02/23/11 00:07	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			02/23/11 00:07	1
Ethylbenzene	ND		0.50		ug/L			02/23/11 00:07	1
Hexachlorobutadiene	ND		1.0		ug/L			02/23/11 00:07	1
2-Hexanone	ND		50		ug/L			02/23/11 00:07	1
Isopropylbenzene	ND		0.50		ug/L			02/23/11 00:07	1
4-Isopropyltoluene	ND		1.0		ug/L			02/23/11 00:07	1
Methylene Chloride	ND		5.0		ug/L			02/23/11 00:07	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			02/23/11 00:07	1
Naphthalene	ND		1.0		ug/L			02/23/11 00:07	1
N-Propylbenzene	ND		1.0		ug/L			02/23/11 00:07	1
Styrene	ND		0.50		ug/L			02/23/11 00:07	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			02/23/11 00:07	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			02/23/11 00:07	1
Tetrachloroethene	ND		0.50		ug/L			02/23/11 00:07	1
Toluene	ND		0.50		ug/L			02/23/11 00:07	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			02/23/11 00:07	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			02/23/11 00:07	1
1,1,1-Trichloroethane	ND		0.50		ug/L			02/23/11 00:07	1
1,1,2-Trichloroethane	ND		0.50		ug/L			02/23/11 00:07	1
Trichloroethene	ND		0.50		ug/L			02/23/11 00:07	1
Trichlorofluoromethane	ND		1.0		ug/L			02/23/11 00:07	1
1,2,3-Trichloropropane	ND		0.50		ug/L			02/23/11 00:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			02/23/11 00:07	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			02/23/11 00:07	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			02/23/11 00:07	1
Vinyl acetate	ND		10		ug/L			02/23/11 00:07	1
Vinyl chloride	ND		0.50		ug/L			02/23/11 00:07	1
Xylenes, Total	ND		1.0		ug/L			02/23/11 00:07	1
2,2-Dichloropropane	ND		0.50		ug/L			02/23/11 00:07	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			02/23/11 00:07	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	100		67 - 130		02/23/11 00:07	1
1,2-Dichloroethane-d4 (Surr)	115		67 - 130		02/23/11 00:07	1

# Analytical Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33472-1

**Client Sample ID: SB-18**

**Date Collected: 02/17/11 10:00**

**Date Received: 02/18/11 11:00**

**Lab Sample ID: 720-33472-7**

**Matrix: Water**

**Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)**

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100		70 - 130		02/23/11 00:07	1

**Method: 8270C SIM - PAHs by GCMS (SIM)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Naphthalene</b>	<b>0.24</b>		0.16		ug/L		02/22/11 11:51	02/23/11 17:09	1
Acenaphthene	ND		0.16		ug/L		02/22/11 11:51	02/23/11 17:09	1
Acenaphthylene	ND		0.16		ug/L		02/22/11 11:51	02/23/11 17:09	1
Fluorene	ND		0.16		ug/L		02/22/11 11:51	02/23/11 17:09	1
Phenanthrene	ND		0.16		ug/L		02/22/11 11:51	02/23/11 17:09	1
Anthracene	ND		0.16		ug/L		02/22/11 11:51	02/23/11 17:09	1
Benzo[a]anthracene	ND		0.16		ug/L		02/22/11 11:51	02/23/11 17:09	1
Chrysene	ND		0.16		ug/L		02/22/11 11:51	02/23/11 17:09	1
Benzo[a]pyrene	ND		0.16		ug/L		02/22/11 11:51	02/23/11 17:09	1
Benzo[b]fluoranthene	ND		0.16		ug/L		02/22/11 11:51	02/23/11 17:09	1
Benzo[k]fluoranthene	ND		0.16		ug/L		02/22/11 11:51	02/23/11 17:09	1
Benzo[g,h,i]perylene	ND		0.16		ug/L		02/22/11 11:51	02/23/11 17:09	1
Indeno[1,2,3-cd]pyrene	ND		0.16		ug/L		02/22/11 11:51	02/23/11 17:09	1
Fluoranthene	ND		0.16		ug/L		02/22/11 11:51	02/23/11 17:09	1
Pyrene	ND		0.16		ug/L		02/22/11 11:51	02/23/11 17:09	1
Dibenz(a,h)anthracene	ND		0.16		ug/L		02/22/11 11:51	02/23/11 17:09	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	52		29 - 120	02/22/11 11:51	02/23/11 17:09	1
Terphenyl-d14	63		45 - 120	02/22/11 11:51	02/23/11 17:09	1

**Method: 8015B - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Diesel Range Organics [C10-C28]</b>	<b>3100</b>		50		ug/L		02/23/11 09:21	02/23/11 17:47	1
<b>Motor Oil Range Organics [C24-C36]</b>	<b>2200</b>		100		ug/L		02/23/11 09:21	02/23/11 17:47	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	60		23 - 156	02/23/11 09:21	02/23/11 17:47	1

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.010		mg/L		02/22/11 14:00	02/23/11 12:51	1
Arsenic	ND		0.010		mg/L		02/22/11 14:00	02/23/11 12:51	1
<b>Barium</b>	<b>0.036</b>		0.0050		mg/L		02/22/11 14:00	02/23/11 20:45	1
Beryllium	ND		0.0020		mg/L		02/22/11 14:00	02/23/11 20:45	1
Cadmium	ND		0.0025		mg/L		02/22/11 14:00	02/23/11 12:51	1
Chromium	ND		0.010		mg/L		02/22/11 14:00	02/23/11 12:51	1
Cobalt	ND		0.0020		mg/L		02/22/11 14:00	02/23/11 12:51	1
Copper	ND		0.020		mg/L		02/22/11 14:00	02/23/11 12:51	1
Lead	ND		0.0050		mg/L		02/22/11 14:00	02/23/11 12:51	1
Molybdenum	ND		0.010		mg/L		02/22/11 14:00	02/23/11 12:51	1
Nickel	ND		0.010		mg/L		02/22/11 14:00	02/23/11 12:51	1
Selenium	ND		0.020		mg/L		02/22/11 14:00	02/23/11 12:51	1
Silver	ND		0.0050		mg/L		02/22/11 14:00	02/23/11 12:51	1
Thallium	ND		0.010		mg/L		02/22/11 14:00	02/23/11 12:51	1
Vanadium	ND		0.010		mg/L		02/22/11 14:00	02/23/11 12:51	1
Zinc	ND		0.020		mg/L		02/22/11 14:00	02/23/11 12:51	1



# Analytical Data

Client: ACC Environmental Consultants  
 Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33472-1

**Client Sample ID: SB-18**

**Date Collected: 02/17/11 10:00**

**Date Received: 02/18/11 11:00**

**Lab Sample ID: 720-33472-7**

**Matrix: Water**

**Method: 7470A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		02/24/11 13:57	02/24/11 19:42	1

**Client Sample ID: SB-19**

**Date Collected: 02/17/11 10:30**

**Date Received: 02/18/11 11:00**

**Lab Sample ID: 720-33472-8**

**Matrix: Solid**

**Method: 8082\_ASP - Polychlorinated Biphenyls (PCBs) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50		ug/Kg		02/18/11 20:54	02/22/11 14:34	1
PCB-1221	ND		50		ug/Kg		02/18/11 20:54	02/22/11 14:34	1
PCB-1232	ND		50		ug/Kg		02/18/11 20:54	02/22/11 14:34	1
PCB-1242	ND		50		ug/Kg		02/18/11 20:54	02/22/11 14:34	1
PCB-1248	ND		50		ug/Kg		02/18/11 20:54	02/22/11 14:34	1
PCB-1254	ND		50		ug/Kg		02/18/11 20:54	02/22/11 14:34	1
PCB-1260	ND		50		ug/Kg		02/18/11 20:54	02/22/11 14:34	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro- <i>m</i> -xylene	355	X	32 - 112	02/18/11 20:54	02/22/11 14:34	1
DCB Decachlorobiphenyl	40		2 - 122	02/18/11 20:54	02/22/11 14:34	1

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# Quality Control Data

Client: ACC Environmental Consultants  
 Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33472-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Lab Sample ID: MB 720-86562/1-A**

**Matrix: Solid**

**Analysis Batch: 86515**

**Client Sample ID: MB 720-86562/1-A**

**Prep Type: Total/NA**

**Prep Batch: 86562**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Methyl tert-butyl ether	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
Acetone	ND		50		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
Benzene	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
Dichlorobromomethane	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
Bromobenzene	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
Chlorobromomethane	ND		20		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
Bromoform	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
Bromomethane	ND		10		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
2-Butanone (MEK)	ND		50		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
n-Butylbenzene	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
sec-Butylbenzene	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
tert-Butylbenzene	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
Carbon disulfide	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
Carbon tetrachloride	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
Chlorobenzene	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
Chloroethane	ND		10		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
Chloroform	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
Chloromethane	ND		10		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
2-Chlorotoluene	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
4-Chlorotoluene	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
Chlorodibromomethane	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
1,2-Dichlorobenzene	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
1,3-Dichlorobenzene	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
1,4-Dichlorobenzene	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
1,3-Dichloropropane	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
1,1-Dichloropropene	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
Ethylene Dibromide	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
Dibromomethane	ND		10		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
Dichlorodifluoromethane	ND		10		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
1,1-Dichloroethane	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
1,2-Dichloroethane	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
1,1-Dichloroethene	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
cis-1,2-Dichloroethene	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
trans-1,2-Dichloroethene	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
1,2-Dichloropropane	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
cis-1,3-Dichloropropene	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
trans-1,3-Dichloropropene	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
Ethylbenzene	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
Hexachlorobutadiene	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
2-Hexanone	ND		50		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
Isopropylbenzene	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
4-Isopropyltoluene	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
Methylene Chloride	ND		10		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
Naphthalene	ND		10		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
N-Propylbenzene	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
Styrene	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1

# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33472-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 720-86562/1-A**

**Matrix: Solid**

**Analysis Batch: 86515**

**Client Sample ID: MB 720-86562/1-A**

**Prep Type: Total/NA**

**Prep Batch: 86562**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
Tetrachloroethene	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
Toluene	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
1,1,1-Trichloroethane	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
1,1,2-Trichloroethane	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
Trichloroethene	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
Trichlorofluoromethane	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
1,2,3-Trichloropropane	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
1,2,4-Trimethylbenzene	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
1,3,5-Trimethylbenzene	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
Vinyl acetate	ND		50		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
Vinyl chloride	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
m-Xylene & p-Xylene	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
o-Xylene	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
Xylenes, Total	ND		10		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
2,2-Dichloropropane	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
Gasoline Range Organics (GRO) -C5-C12	ND		250		ug/Kg		02/18/11 17:00	02/18/11 18:21	1

Surrogate	MB % Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	86		65 - 117	02/18/11 17:00	02/18/11 18:21	1
1,2-Dichloroethane-d4 (Surr)	101		73 - 140	02/18/11 17:00	02/18/11 18:21	1
Toluene-d8 (Surr)	92		84 - 116	02/18/11 17:00	02/18/11 18:21	1

**Lab Sample ID: LCS 720-86562/2-A**

**Matrix: Solid**

**Analysis Batch: 86515**

**Client Sample ID: LCS 720-86562/2-A**

**Prep Type: Total/NA**

**Prep Batch: 86562**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Methyl tert-butyl ether	50.0	51.4		ug/Kg		103	71 - 144
Acetone	250	181		ug/Kg		72	45 - 154
Benzene	50.0	51.2		ug/Kg		102	82 - 124
Dichlorobromomethane	50.0	57.8		ug/Kg		116	89 - 131
Bromobenzene	50.0	52.7		ug/Kg		105	84 - 120
Chlorobromomethane	50.0	53.7		ug/Kg		107	82 - 115
Bromoform	50.0	55.8		ug/Kg		112	59 - 158
Bromomethane	50.0	48.5		ug/Kg		97	71 - 136
2-Butanone (MEK)	250	214		ug/Kg		86	61 - 150
n-Butylbenzene	50.0	52.4		ug/Kg		105	80 - 142
sec-Butylbenzene	50.0	50.5		ug/Kg		101	85 - 136
tert-Butylbenzene	50.0	52.4		ug/Kg		105	74 - 134
Carbon disulfide	50.0	49.3		ug/Kg		99	60 - 136
Carbon tetrachloride	50.0	52.4		ug/Kg		105	81 - 138
Chlorobenzene	50.0	53.6		ug/Kg		107	82 - 115
Chloroethane	50.0	52.0		ug/Kg		104	69 - 141
Chloroform	50.0	52.6		ug/Kg		105	77 - 127
Chloromethane	50.0	49.6		ug/Kg		99	60 - 149

TestAmerica San Francisco

# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33472-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 720-86562/2-A**

**Matrix: Solid**

**Analysis Batch: 86515**

**Client Sample ID: LCS 720-86562/2-A**

**Prep Type: Total/NA**

**Prep Batch: 86562**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
2-Chlorotoluene	50.0	52.3		ug/Kg		105	80 - 138
4-Chlorotoluene	50.0	52.0		ug/Kg		104	79 - 136
Chlorodibromomethane	50.0	58.4		ug/Kg		117	75 - 146
1,2-Dichlorobenzene	50.0	53.6		ug/Kg		107	84 - 130
1,3-Dichlorobenzene	50.0	53.4		ug/Kg		107	84 - 131
1,4-Dichlorobenzene	50.0	51.5		ug/Kg		103	85 - 125
1,3-Dichloropropane	50.0	55.1		ug/Kg		110	79 - 140
1,1-Dichloropropene	50.0	50.0		ug/Kg		100	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	52.8		ug/Kg		106	68 - 148
Ethylene Dibromide	50.0	55.1		ug/Kg		110	79 - 140
Dibromomethane	50.0	54.9		ug/Kg		110	80 - 139
Dichlorodifluoromethane	50.0	34.3		ug/Kg		69	37 - 158
1,1-Dichloroethane	50.0	51.7		ug/Kg		103	81 - 117
1,2-Dichloroethane	50.0	53.0		ug/Kg		106	78 - 140
1,1-Dichloroethene	50.0	49.7		ug/Kg		99	77 - 120
cis-1,2-Dichloroethene	50.0	59.3		ug/Kg		119	91 - 133
trans-1,2-Dichloroethene	50.0	45.1		ug/Kg		90	73 - 117
1,2-Dichloropropane	50.0	51.7		ug/Kg		103	81 - 124
cis-1,3-Dichloropropene	50.0	55.7		ug/Kg		111	68 - 147
trans-1,3-Dichloropropene	50.0	58.4		ug/Kg		117	84 - 136
Ethylbenzene	50.0	52.0		ug/Kg		104	80 - 137
Hexachlorobutadiene	50.0	49.0		ug/Kg		98	72 - 132
2-Hexanone	250	266		ug/Kg		106	60 - 161
Isopropylbenzene	50.0	53.8		ug/Kg		108	83 - 121
4-Isopropyltoluene	50.0	51.5		ug/Kg		103	85 - 133
Methylene Chloride	50.0	55.7		ug/Kg		111	68 - 126
4-Methyl-2-pentanone (MIBK)	250	289		ug/Kg		116	69 - 160
Naphthalene	50.0	53.9		ug/Kg		108	70 - 147
N-Propylbenzene	50.0	49.3		ug/Kg		99	72 - 125
Styrene	50.0	57.4		ug/Kg		115	87 - 128
1,1,1,2-Tetrachloroethane	50.0	56.2		ug/Kg		112	90 - 130
1,1,2,2-Tetrachloroethane	50.0	52.9		ug/Kg		106	82 - 146
Tetrachloroethene	50.0	52.7		ug/Kg		105	78 - 132
Toluene	50.0	51.2		ug/Kg		102	83 - 128
1,2,3-Trichlorobenzene	50.0	54.9		ug/Kg		110	74 - 136
1,2,4-Trichlorobenzene	50.0	53.6		ug/Kg		107	70 - 131
1,1,1-Trichloroethane	50.0	52.4		ug/Kg		105	85 - 133
1,1,2-Trichloroethane	50.0	54.3		ug/Kg		109	82 - 125
Trichloroethene	50.0	53.2		ug/Kg		106	81 - 133
Trichlorofluoromethane	50.0	50.5		ug/Kg		101	71 - 139
1,2,3-Trichloropropane	50.0	51.7		ug/Kg		103	76 - 146
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	50.9		ug/Kg		102	70 - 130
1,2,4-Trimethylbenzene	50.0	53.9		ug/Kg		108	84 - 131
1,3,5-Trimethylbenzene	50.0	52.5		ug/Kg		105	86 - 134
Vinyl acetate	50.0	61.3		ug/Kg		123	38 - 176
Vinyl chloride	50.0	47.4		ug/Kg		95	63 - 140
m-Xylene & p-Xylene	100	105		ug/Kg		105	79 - 146
o-Xylene	50.0	54.6		ug/Kg		109	84 - 140
2,2-Dichloropropane	50.0	51.2		ug/Kg		102	73 - 162

# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33472-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 720-86562/2-A**

**Matrix: Solid**

**Analysis Batch: 86515**

**Client Sample ID: LCS 720-86562/2-A**

**Prep Type: Total/NA**

**Prep Batch: 86562**

Surrogate	LCS		Limits
	% Recovery	Qualifier	
4-Bromofluorobenzene	101		65 - 117
1,2-Dichloroethane-d4 (Surr)	104		73 - 140
Toluene-d8 (Surr)	98		84 - 116

**Lab Sample ID: LCS 720-86562/4-A**

**Matrix: Solid**

**Analysis Batch: 86515**

**Client Sample ID: LCS 720-86562/4-A**

**Prep Type: Total/NA**

**Prep Batch: 86562**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec.	
							Limits	RPD
Gasoline Range Organics (GRO) -C5-C12	1000	916		ug/Kg		92	68 - 115	

Surrogate	LCS		Limits
	% Recovery	Qualifier	
4-Bromofluorobenzene	100		65 - 117
1,2-Dichloroethane-d4 (Surr)	107		73 - 140
Toluene-d8 (Surr)	101		84 - 116

**Lab Sample ID: LCSD 720-86562/3-A**

**Matrix: Solid**

**Analysis Batch: 86515**

**Client Sample ID: LCSD 720-86562/3-A**

**Prep Type: Total/NA**

**Prep Batch: 86562**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec.		RPD	
							Limits	RPD	Limit	
Methyl tert-butyl ether	50.0	52.1		ug/Kg		104	71 - 144	1	20	
Acetone	250	187		ug/Kg		75	45 - 154	3	30	
Benzene	50.0	51.2		ug/Kg		102	82 - 124	0	20	
Dichlorobromomethane	50.0	57.5		ug/Kg		115	89 - 131	1	20	
Bromobenzene	50.0	53.0		ug/Kg		106	84 - 120	1	20	
Chlorobromomethane	50.0	53.6		ug/Kg		107	82 - 115	0	20	
Bromoform	50.0	56.4		ug/Kg		113	59 - 158	1	20	
Bromomethane	50.0	47.6		ug/Kg		95	71 - 136	2	20	
2-Butanone (MEK)	250	219		ug/Kg		87	61 - 150	2	20	
n-Butylbenzene	50.0	51.8		ug/Kg		104	80 - 142	1	20	
sec-Butylbenzene	50.0	50.0		ug/Kg		100	85 - 136	1	20	
tert-Butylbenzene	50.0	52.2		ug/Kg		104	74 - 134	0	20	
Carbon disulfide	50.0	48.9		ug/Kg		98	60 - 136	1	20	
Carbon tetrachloride	50.0	51.3		ug/Kg		103	81 - 138	2	20	
Chlorobenzene	50.0	53.6		ug/Kg		107	82 - 115	0	20	
Chloroethane	50.0	50.7		ug/Kg		101	69 - 141	2	20	
Chloroform	50.0	52.3		ug/Kg		105	77 - 127	1	20	
Chloromethane	50.0	48.9		ug/Kg		98	60 - 149	1	20	
2-Chlorotoluene	50.0	52.4		ug/Kg		105	80 - 138	0	20	
4-Chlorotoluene	50.0	52.2		ug/Kg		104	79 - 136	0	20	
Chlorodibromomethane	50.0	58.3		ug/Kg		117	75 - 146	0	20	
1,2-Dichlorobenzene	50.0	53.6		ug/Kg		107	84 - 130	0	20	
1,3-Dichlorobenzene	50.0	52.9		ug/Kg		106	84 - 131	1	20	
1,4-Dichlorobenzene	50.0	51.0		ug/Kg		102	85 - 125	1	20	
1,3-Dichloropropane	50.0	54.9		ug/Kg		110	79 - 140	0	20	
1,1-Dichloropropene	50.0	49.9		ug/Kg		100	70 - 130	0	20	
1,2-Dibromo-3-Chloropropane	50.0	52.5		ug/Kg		105	68 - 148	1	20	
Ethylene Dibromide	50.0	54.8		ug/Kg		110	79 - 140	1	20	

# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33472-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCSD 720-86562/3-A**

**Matrix: Solid**

**Analysis Batch: 86515**

**Client Sample ID: LCSD 720-86562/3-A**

**Prep Type: Total/NA**

**Prep Batch: 86562**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec.		RPD
							Limits	RPD	
Dibromomethane	50.0	55.5		ug/Kg		111	80 - 139	1	20
Dichlorodifluoromethane	50.0	33.0		ug/Kg		66	37 - 158	4	20
1,1-Dichloroethane	50.0	51.8		ug/Kg		104	81 - 117	0	20
1,2-Dichloroethane	50.0	52.5		ug/Kg		105	78 - 140	1	20
1,1-Dichloroethene	50.0	49.0		ug/Kg		98	77 - 120	2	20
cis-1,2-Dichloroethene	50.0	59.3		ug/Kg		119	91 - 133	0	20
trans-1,2-Dichloroethene	50.0	45.3		ug/Kg		91	73 - 117	0	20
1,2-Dichloropropane	50.0	52.1		ug/Kg		104	81 - 124	1	20
cis-1,3-Dichloropropene	50.0	56.1		ug/Kg		112	68 - 147	1	20
trans-1,3-Dichloropropene	50.0	58.8		ug/Kg		118	84 - 136	1	20
Ethylbenzene	50.0	51.6		ug/Kg		103	80 - 137	1	20
Hexachlorobutadiene	50.0	48.4		ug/Kg		97	72 - 132	1	20
2-Hexanone	250	267		ug/Kg		107	60 - 161	1	20
Isopropylbenzene	50.0	53.4		ug/Kg		107	83 - 121	1	20
4-Isopropyltoluene	50.0	50.9		ug/Kg		102	85 - 133	1	20
Methylene Chloride	50.0	54.9		ug/Kg		110	68 - 126	1	20
4-Methyl-2-pentanone (MIBK)	250	289		ug/Kg		115	69 - 160	0	20
Naphthalene	50.0	54.9		ug/Kg		110	70 - 147	2	20
N-Propylbenzene	50.0	49.3		ug/Kg		99	72 - 125	0	20
Styrene	50.0	57.4		ug/Kg		115	87 - 128	0	20
1,1,1,2-Tetrachloroethane	50.0	56.1		ug/Kg		112	90 - 130	0	20
1,1,2,2-Tetrachloroethane	50.0	52.6		ug/Kg		105	82 - 146	0	20
Tetrachloroethene	50.0	52.0		ug/Kg		104	78 - 132	1	20
Toluene	50.0	51.5		ug/Kg		103	83 - 128	1	20
1,2,3-Trichlorobenzene	50.0	55.3		ug/Kg		111	74 - 136	1	20
1,2,4-Trichlorobenzene	50.0	53.6		ug/Kg		107	70 - 131	0	20
1,1,1-Trichloroethane	50.0	51.6		ug/Kg		103	85 - 133	1	20
1,1,2-Trichloroethane	50.0	54.0		ug/Kg		108	82 - 125	0	20
Trichloroethene	50.0	53.0		ug/Kg		106	81 - 133	0	20
Trichlorofluoromethane	50.0	48.9		ug/Kg		98	71 - 139	3	20
1,2,3-Trichloropropane	50.0	51.9		ug/Kg		104	76 - 146	0	20
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	49.9		ug/Kg		100	70 - 130	2	20
1,2,4-Trimethylbenzene	50.0	53.7		ug/Kg		107	84 - 131	0	20
1,3,5-Trimethylbenzene	50.0	52.1		ug/Kg		104	86 - 134	1	20
Vinyl acetate	50.0	61.0		ug/Kg		122	38 - 176	0	20
Vinyl chloride	50.0	46.7		ug/Kg		93	63 - 140	1	20
m-Xylene & p-Xylene	100	104		ug/Kg		104	79 - 146	1	20
o-Xylene	50.0	54.1		ug/Kg		108	84 - 140	1	20
2,2-Dichloropropane	50.0	50.1		ug/Kg		100	73 - 162	2	20

Surrogate	LCSD LCSD		Limits
	% Recovery	Qualifier	
4-Bromofluorobenzene	101		65 - 117
1,2-Dichloroethane-d4 (Surr)	104		73 - 140
Toluene-d8 (Surr)	98		84 - 116

# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33472-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCSD 720-86562/5-A**

**Matrix: Solid**

**Analysis Batch: 86515**

**Client Sample ID: LCSD 720-86562/5-A**

**Prep Type: Total/NA**

**Prep Batch: 86562**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec.		RPD Limit
							Limits	RPD	
Gasoline Range Organics (GRO) -C5-C12	1000	947		ug/Kg		95	68 - 115	3	20
<b>Surrogate</b>		<b>LCSD</b>	<b>LCSD</b>				<b>% Recovery</b>	<b>Qualifier</b>	<b>Limits</b>
4-Bromofluorobenzene		100							65 - 117
1,2-Dichloroethane-d4 (Surr)		107							73 - 140
Toluene-d8 (Surr)		101							84 - 116

**Lab Sample ID: MB 720-86613/6**

**Matrix: Water**

**Analysis Batch: 86613**

**Client Sample ID: MB 720-86613/6**

**Prep Type: Total/NA**

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Methyl tert-butyl ether	ND		0.50		ug/L			02/22/11 19:48	1
Acetone	ND		50		ug/L			02/22/11 19:48	1
Benzene	ND		0.50		ug/L			02/22/11 19:48	1
Dichlorobromomethane	ND		0.50		ug/L			02/22/11 19:48	1
Bromobenzene	ND		1.0		ug/L			02/22/11 19:48	1
Chlorobromomethane	ND		1.0		ug/L			02/22/11 19:48	1
Bromoform	ND		1.0		ug/L			02/22/11 19:48	1
Bromomethane	ND		1.0		ug/L			02/22/11 19:48	1
2-Butanone (MEK)	ND		50		ug/L			02/22/11 19:48	1
n-Butylbenzene	ND		1.0		ug/L			02/22/11 19:48	1
sec-Butylbenzene	ND		1.0		ug/L			02/22/11 19:48	1
tert-Butylbenzene	ND		1.0		ug/L			02/22/11 19:48	1
Carbon disulfide	ND		5.0		ug/L			02/22/11 19:48	1
Carbon tetrachloride	ND		0.50		ug/L			02/22/11 19:48	1
Chlorobenzene	ND		0.50		ug/L			02/22/11 19:48	1
Chloroethane	ND		1.0		ug/L			02/22/11 19:48	1
Chloroform	ND		1.0		ug/L			02/22/11 19:48	1
Chloromethane	ND		1.0		ug/L			02/22/11 19:48	1
2-Chlorotoluene	ND		0.50		ug/L			02/22/11 19:48	1
4-Chlorotoluene	ND		0.50		ug/L			02/22/11 19:48	1
Chlorodibromomethane	ND		0.50		ug/L			02/22/11 19:48	1
1,2-Dichlorobenzene	ND		0.50		ug/L			02/22/11 19:48	1
1,3-Dichlorobenzene	ND		0.50		ug/L			02/22/11 19:48	1
1,4-Dichlorobenzene	ND		0.50		ug/L			02/22/11 19:48	1
1,3-Dichloropropane	ND		1.0		ug/L			02/22/11 19:48	1
1,1-Dichloropropene	ND		0.50		ug/L			02/22/11 19:48	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			02/22/11 19:48	1
Ethylene Dibromide	ND		0.50		ug/L			02/22/11 19:48	1
Dibromomethane	ND		0.50		ug/L			02/22/11 19:48	1
Dichlorodifluoromethane	ND		0.50		ug/L			02/22/11 19:48	1
1,1-Dichloroethane	ND		0.50		ug/L			02/22/11 19:48	1
1,2-Dichloroethane	ND		0.50		ug/L			02/22/11 19:48	1
1,1-Dichloroethene	ND		0.50		ug/L			02/22/11 19:48	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			02/22/11 19:48	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			02/22/11 19:48	1
1,2-Dichloropropane	ND		0.50		ug/L			02/22/11 19:48	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			02/22/11 19:48	1

# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33472-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 720-86613/6**

**Matrix: Water**

**Analysis Batch: 86613**

**Client Sample ID: MB 720-86613/6**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		0.50		ug/L			02/22/11 19:48	1
Ethylbenzene	ND		0.50		ug/L			02/22/11 19:48	1
Hexachlorobutadiene	ND		1.0		ug/L			02/22/11 19:48	1
2-Hexanone	ND		50		ug/L			02/22/11 19:48	1
Isopropylbenzene	ND		0.50		ug/L			02/22/11 19:48	1
4-Isopropyltoluene	ND		1.0		ug/L			02/22/11 19:48	1
Methylene Chloride	ND		5.0		ug/L			02/22/11 19:48	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			02/22/11 19:48	1
Naphthalene	ND		1.0		ug/L			02/22/11 19:48	1
N-Propylbenzene	ND		1.0		ug/L			02/22/11 19:48	1
Styrene	ND		0.50		ug/L			02/22/11 19:48	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			02/22/11 19:48	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			02/22/11 19:48	1
Tetrachloroethene	ND		0.50		ug/L			02/22/11 19:48	1
Toluene	ND		0.50		ug/L			02/22/11 19:48	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			02/22/11 19:48	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			02/22/11 19:48	1
1,1,1-Trichloroethane	ND		0.50		ug/L			02/22/11 19:48	1
1,1,2-Trichloroethane	ND		0.50		ug/L			02/22/11 19:48	1
Trichloroethene	ND		0.50		ug/L			02/22/11 19:48	1
Trichlorofluoromethane	ND		1.0		ug/L			02/22/11 19:48	1
1,2,3-Trichloropropane	ND		0.50		ug/L			02/22/11 19:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			02/22/11 19:48	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			02/22/11 19:48	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			02/22/11 19:48	1
Vinyl acetate	ND		10		ug/L			02/22/11 19:48	1
Vinyl chloride	ND		0.50		ug/L			02/22/11 19:48	1
m-Xylene & p-Xylene	ND		1.0		ug/L			02/22/11 19:48	1
o-Xylene	ND		0.50		ug/L			02/22/11 19:48	1
Xylenes, Total	ND		1.0		ug/L			02/22/11 19:48	1
2,2-Dichloropropane	ND		0.50		ug/L			02/22/11 19:48	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			02/22/11 19:48	1

Surrogate	MB % Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	101		67 - 130		02/22/11 19:48	1
1,2-Dichloroethane-d4 (Surr)	111		67 - 130		02/22/11 19:48	1
Toluene-d8 (Surr)	100		70 - 130		02/22/11 19:48	1

**Lab Sample ID: LCS 720-86613/7**

**Matrix: Water**

**Analysis Batch: 86613**

**Client Sample ID: LCS 720-86613/7**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Methyl tert-butyl ether	25.0	27.6		ug/L		110	62 - 130
Acetone	125	90.9		ug/L		73	26 - 180
Benzene	25.0	25.5		ug/L		102	82 - 127
Dichlorobromomethane	25.0	29.4		ug/L		118	70 - 130
Bromobenzene	25.0	27.9		ug/L		112	79 - 127
Chlorobromomethane	25.0	26.8		ug/L		107	70 - 130

TestAmerica San Francisco



# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33472-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 720-86613/7**

**Matrix: Water**

**Analysis Batch: 86613**

**Client Sample ID: LCS 720-86613/7**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Bromoform	25.0	28.4		ug/L		114	68 - 136
Bromomethane	25.0	22.7		ug/L		91	43 - 151
2-Butanone (MEK)	125	116		ug/L		93	66 - 149
n-Butylbenzene	25.0	28.4		ug/L		113	79 - 142
sec-Butylbenzene	25.0	28.0		ug/L		112	81 - 134
tert-Butylbenzene	25.0	29.5		ug/L		118	82 - 135
Carbon disulfide	25.0	22.8		ug/L		91	68 - 137
Carbon tetrachloride	25.0	28.6		ug/L		114	77 - 146
Chlorobenzene	25.0	25.1		ug/L		100	70 - 130
Chloroethane	25.0	22.0		ug/L		88	62 - 138
Chloroform	25.0	26.5		ug/L		106	70 - 130
Chloromethane	25.0	17.3		ug/L		69	52 - 175
2-Chlorotoluene	25.0	27.7		ug/L		111	70 - 130
4-Chlorotoluene	25.0	27.0		ug/L		108	70 - 130
Chlorodibromomethane	25.0	31.0		ug/L		124	78 - 145
1,2-Dichlorobenzene	25.0	26.0		ug/L		104	70 - 130
1,3-Dichlorobenzene	25.0	26.4		ug/L		106	70 - 130
1,4-Dichlorobenzene	25.0	25.8		ug/L		103	87 - 118
1,3-Dichloropropane	25.0	27.9		ug/L		111	82 - 128
1,1-Dichloropropene	25.0	26.5		ug/L		106	70 - 130
1,2-Dibromo-3-Chloropropane	25.0	29.4		ug/L		118	72 - 136
Ethylene Dibromide	25.0	29.9		ug/L		120	70 - 130
Dibromomethane	25.0	27.1		ug/L		108	70 - 130
Dichlorodifluoromethane	25.0	12.0		ug/L		48	33 - 125
1,1-Dichloroethane	25.0	25.3		ug/L		101	70 - 130
1,2-Dichloroethane	25.0	27.5		ug/L		110	70 - 126
1,1-Dichloroethene	25.0	24.1		ug/L		96	64 - 128
cis-1,2-Dichloroethene	25.0	29.0		ug/L		116	70 - 130
trans-1,2-Dichloroethene	25.0	21.7		ug/L		87	75 - 131
1,2-Dichloropropane	25.0	25.4		ug/L		101	70 - 130
cis-1,3-Dichloropropene	25.0	28.5		ug/L		114	88 - 137
trans-1,3-Dichloropropene	25.0	27.6		ug/L		110	83 - 140
Ethylbenzene	25.0	26.2		ug/L		105	86 - 135
Hexachlorobutadiene	25.0	28.2		ug/L		113	70 - 130
2-Hexanone	125	133		ug/L		106	60 - 164
Isopropylbenzene	25.0	29.3		ug/L		117	70 - 130
4-Isopropyltoluene	25.0	27.8		ug/L		111	70 - 130
Methylene Chloride	25.0	24.5		ug/L		98	73 - 147
4-Methyl-2-pentanone (MIBK)	125	133		ug/L		107	63 - 165
Naphthalene	25.0	30.9		ug/L		124	78 - 135
N-Propylbenzene	25.0	26.8		ug/L		107	70 - 130
Styrene	25.0	29.3		ug/L		117	70 - 130
1,1,1,2-Tetrachloroethane	25.0	30.0		ug/L		120	70 - 130
1,1,2,2-Tetrachloroethane	25.0	25.9		ug/L		103	70 - 130
Tetrachloroethene	25.0	26.0		ug/L		104	70 - 130
Toluene	25.0	24.3		ug/L		97	83 - 129
1,2,3-Trichlorobenzene	25.0	29.6		ug/L		118	70 - 130
1,2,4-Trichlorobenzene	25.0	29.2		ug/L		117	70 - 130
1,1,1-Trichloroethane	25.0	28.3		ug/L		113	70 - 130
1,1,2-Trichloroethane	25.0	27.0		ug/L		108	82 - 128

# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33472-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 720-86613/7**

**Matrix: Water**

**Analysis Batch: 86613**

**Client Sample ID: LCS 720-86613/7**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec.	
							Limits	
Trichloroethene	25.0	26.1		ug/L		105	70 - 130	
Trichlorofluoromethane	25.0	23.7		ug/L		95	74 - 146	
1,2,3-Trichloropropane	25.0	27.9		ug/L		111	70 - 130	
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	25.5		ug/L		102	42 - 162	
1,2,4-Trimethylbenzene	25.0	28.9		ug/L		116	70 - 132	
1,3,5-Trimethylbenzene	25.0	29.7		ug/L		119	70 - 130	
Vinyl acetate	25.0	30.2		ug/L		121	43 - 163	
Vinyl chloride	25.0	21.7		ug/L		87	65 - 156	
m-Xylene & p-Xylene	50.0	55.2		ug/L		110	70 - 142	
o-Xylene	25.0	28.0		ug/L		112	89 - 136	
2,2-Dichloropropane	25.0	29.3		ug/L		117	70 - 140	

Surrogate	LCS		Limits
	% Recovery	Qualifier	
4-Bromofluorobenzene	104		67 - 130
1,2-Dichloroethane-d4 (Surr)	113		67 - 130
Toluene-d8 (Surr)	104		70 - 130

**Lab Sample ID: LCS 720-86613/9**

**Matrix: Water**

**Analysis Batch: 86613**

**Client Sample ID: LCS 720-86613/9**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec.	
							Limits	
Gasoline Range Organics (GRO) -C5-C12	500	402		ug/L		80	62 - 117	

Surrogate	LCS		Limits
	% Recovery	Qualifier	
4-Bromofluorobenzene	104		67 - 130
1,2-Dichloroethane-d4 (Surr)	108		67 - 130
Toluene-d8 (Surr)	103		70 - 130

**Lab Sample ID: LCSD 720-86613/10**

**Matrix: Water**

**Analysis Batch: 86613**

**Client Sample ID: LCSD 720-86613/10**

**Prep Type: Total/NA**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec.		RPD	
							Limits		RPD	Limit
Gasoline Range Organics (GRO) -C5-C12	500	389		ug/L		78	62 - 117	3	20	

Surrogate	LCSD		Limits
	% Recovery	Qualifier	
4-Bromofluorobenzene	104		67 - 130
1,2-Dichloroethane-d4 (Surr)	111		67 - 130
Toluene-d8 (Surr)	104		70 - 130

**Lab Sample ID: LCSD 720-86613/8**

**Matrix: Water**

**Analysis Batch: 86613**

**Client Sample ID: LCSD 720-86613/8**

**Prep Type: Total/NA**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec.		RPD	
							Limits		RPD	Limit
Methyl tert-butyl ether	25.0	28.1		ug/L		112	62 - 130	2	20	

# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33472-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCSD 720-86613/8**

**Matrix: Water**

**Analysis Batch: 86613**

**Client Sample ID: LCSD 720-86613/8**

**Prep Type: Total/NA**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec.		RPD
							Limits	RPD	
									RPD Limit
Acetone	125	88.8		ug/L		71	26 - 180	2	30
Benzene	25.0	25.5		ug/L		102	82 - 127	0	20
Dichlorobromomethane	25.0	29.9		ug/L		119	70 - 130	1	20
Bromobenzene	25.0	28.1		ug/L		112	79 - 127	1	20
Chlorobromomethane	25.0	26.9		ug/L		107	70 - 130	0	20
Bromoform	25.0	28.8		ug/L		115	68 - 136	2	20
Bromomethane	25.0	22.5		ug/L		90	43 - 151	1	20
2-Butanone (MEK)	125	118		ug/L		94	66 - 149	1	20
n-Butylbenzene	25.0	28.5		ug/L		114	79 - 142	0	20
sec-Butylbenzene	25.0	27.9		ug/L		112	81 - 134	0	20
tert-Butylbenzene	25.0	29.4		ug/L		118	82 - 135	0	20
Carbon disulfide	25.0	22.9		ug/L		92	68 - 137	1	20
Carbon tetrachloride	25.0	28.5		ug/L		114	77 - 146	0	20
Chlorobenzene	25.0	25.1		ug/L		100	70 - 130	0	20
Chloroethane	25.0	21.6		ug/L		86	62 - 138	2	20
Chloroform	25.0	26.6		ug/L		106	70 - 130	0	20
Chloromethane	25.0	17.5		ug/L		70	52 - 175	1	20
2-Chlorotoluene	25.0	27.9		ug/L		112	70 - 130	1	20
4-Chlorotoluene	25.0	27.2		ug/L		109	70 - 130	0	20
Chlorodibromomethane	25.0	31.2		ug/L		125	78 - 145	1	20
1,2-Dichlorobenzene	25.0	26.1		ug/L		104	70 - 130	0	20
1,3-Dichlorobenzene	25.0	26.6		ug/L		106	70 - 130	1	20
1,4-Dichlorobenzene	25.0	26.0		ug/L		104	87 - 118	1	20
1,3-Dichloropropane	25.0	27.8		ug/L		111	82 - 128	0	20
1,1-Dichloropropene	25.0	26.8		ug/L		107	70 - 130	1	20
1,2-Dibromo-3-Chloropropane	25.0	30.0		ug/L		120	72 - 136	2	20
Ethylene Dibromide	25.0	29.9		ug/L		120	70 - 130	0	20
Dibromomethane	25.0	27.2		ug/L		109	70 - 130	0	20
Dichlorodifluoromethane	25.0	11.8		ug/L		47	33 - 125	2	20
1,1-Dichloroethane	25.0	25.3		ug/L		101	70 - 130	0	20
1,2-Dichloroethane	25.0	27.8		ug/L		111	70 - 126	1	20
1,1-Dichloroethene	25.0	24.0		ug/L		96	64 - 128	0	20
cis-1,2-Dichloroethene	25.0	29.3		ug/L		117	70 - 130	1	20
trans-1,2-Dichloroethene	25.0	21.9		ug/L		87	75 - 131	1	20
1,2-Dichloropropane	25.0	25.5		ug/L		102	70 - 130	0	20
cis-1,3-Dichloropropene	25.0	28.6		ug/L		114	88 - 137	0	20
trans-1,3-Dichloropropene	25.0	27.8		ug/L		111	83 - 140	1	20
Ethylbenzene	25.0	26.2		ug/L		105	86 - 135	0	20
Hexachlorobutadiene	25.0	28.5		ug/L		114	70 - 130	1	20
2-Hexanone	125	136		ug/L		109	60 - 164	2	20
Isopropylbenzene	25.0	29.1		ug/L		116	70 - 130	1	20
4-Isopropyltoluene	25.0	28.0		ug/L		112	70 - 130	1	20
Methylene Chloride	25.0	24.4		ug/L		98	73 - 147	0	20
4-Methyl-2-pentanone (MIBK)	125	137		ug/L		110	63 - 165	3	20
Naphthalene	25.0	31.2		ug/L		125	78 - 135	1	20
N-Propylbenzene	25.0	26.7		ug/L		107	70 - 130	0	20
Styrene	25.0	29.3		ug/L		117	70 - 130	0	20
1,1,1,2-Tetrachloroethane	25.0	30.1		ug/L		120	70 - 130	0	20
1,1,1,2,2-Tetrachloroethane	25.0	26.4		ug/L		106	70 - 130	2	20
Tetrachloroethene	25.0	26.3		ug/L		105	70 - 130	1	20

# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33472-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 720-86613/8

Matrix: Water

Analysis Batch: 86613

Client Sample ID: LCSD 720-86613/8

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec Limits	RPD	RPD Limit
Toluene	25.0	24.4		ug/L		97	83 - 129	0	20
1,2,3-Trichlorobenzene	25.0	30.1		ug/L		120	70 - 130	2	20
1,2,4-Trichlorobenzene	25.0	29.4		ug/L		118	70 - 130	1	20
1,1,1-Trichloroethane	25.0	28.6		ug/L		114	70 - 130	1	20
1,1,2-Trichloroethane	25.0	27.4		ug/L		110	82 - 128	1	20
Trichloroethene	25.0	26.2		ug/L		105	70 - 130	0	20
Trichlorofluoromethane	25.0	23.2		ug/L		93	74 - 146	2	20
1,2,3-Trichloropropane	25.0	28.4		ug/L		114	70 - 130	2	20
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	25.7		ug/L		103	42 - 162	1	20
1,2,4-Trimethylbenzene	25.0	28.9		ug/L		116	70 - 132	0	20
1,3,5-Trimethylbenzene	25.0	29.8		ug/L		119	70 - 130	0	20
Vinyl acetate	25.0	30.8		ug/L		123	43 - 163	2	20
Vinyl chloride	25.0	21.3		ug/L		85	65 - 156	2	20
m-Xylene & p-Xylene	50.0	55.1		ug/L		110	70 - 142	0	20
o-Xylene	25.0	28.0		ug/L		112	89 - 136	0	20
2,2-Dichloropropane	25.0	29.3		ug/L		117	70 - 140	0	20

Surrogate	LCSD % Recovery	LCSD Qualifier	LCSD Limits
4-Bromofluorobenzene	102		67 - 130
1,2-Dichloroethane-d4 (Surr)	113		67 - 130
Toluene-d8 (Surr)	103		70 - 130

## Method: 8270C SIM - PAHs by GCMS (SIM)

Lab Sample ID: MB 720-86576/1-A

Matrix: Water

Analysis Batch: 86654

Client Sample ID: MB 720-86576/1-A

Prep Type: Total/NA

Prep Batch: 86576

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		0.10		ug/L		02/22/11 11:51	02/23/11 11:14	1
Acenaphthene	ND		0.10		ug/L		02/22/11 11:51	02/23/11 11:14	1
Acenaphthylene	ND		0.10		ug/L		02/22/11 11:51	02/23/11 11:14	1
Fluorene	ND		0.10		ug/L		02/22/11 11:51	02/23/11 11:14	1
Phenanthrene	ND		0.10		ug/L		02/22/11 11:51	02/23/11 11:14	1
Anthracene	ND		0.10		ug/L		02/22/11 11:51	02/23/11 11:14	1
Benzo[a]anthracene	ND		0.10		ug/L		02/22/11 11:51	02/23/11 11:14	1
Chrysene	ND		0.10		ug/L		02/22/11 11:51	02/23/11 11:14	1
Benzo[a]pyrene	ND		0.10		ug/L		02/22/11 11:51	02/23/11 11:14	1
Benzo[b]fluoranthene	ND		0.10		ug/L		02/22/11 11:51	02/23/11 11:14	1
Benzo[k]fluoranthene	ND		0.10		ug/L		02/22/11 11:51	02/23/11 11:14	1
Benzo[g,h,i]perylene	ND		0.10		ug/L		02/22/11 11:51	02/23/11 11:14	1
Indeno[1,2,3-cd]pyrene	ND		0.10		ug/L		02/22/11 11:51	02/23/11 11:14	1
Fluoranthene	ND		0.10		ug/L		02/22/11 11:51	02/23/11 11:14	1
Pyrene	ND		0.10		ug/L		02/22/11 11:51	02/23/11 11:14	1
Dibenz(a,h)anthracene	ND		0.10		ug/L		02/22/11 11:51	02/23/11 11:14	1

Surrogate	MB % Recovery	MB Qualifier	MB Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	49		29 - 120	02/22/11 11:51	02/23/11 11:14	1

TestAmerica San Francisco

# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33472-1

## Method: 8270C SIM - PAHs by GCMS (SIM) (Continued)

**Lab Sample ID: MB 720-86576/1-A**  
**Matrix: Water**  
**Analysis Batch: 86654**

**Client Sample ID: MB 720-86576/1-A**  
**Prep Type: Total/NA**  
**Prep Batch: 86576**

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	% Recovery	Qualifier				
Terphenyl-d14	80		45 - 120	02/22/11 11:51	02/23/11 11:14	1

**Lab Sample ID: LCS 720-86576/2-A**  
**Matrix: Water**  
**Analysis Batch: 86654**

**Client Sample ID: LCS 720-86576/2-A**  
**Prep Type: Total/NA**  
**Prep Batch: 86576**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec.	
							Limits	RPD
Naphthalene	10.0	5.21		ug/L		52	33 - 120	
Acenaphthene	10.0	5.37		ug/L		54	37 - 120	
Acenaphthylene	10.0	5.09		ug/L		51	36 - 120	
Fluorene	10.0	6.34		ug/L		63	39 - 120	
Phenanthrene	10.0	5.91		ug/L		59	44 - 120	
Anthracene	10.0	6.61		ug/L		66	45 - 120	
Benzo[a]anthracene	10.0	8.01		ug/L		80	48 - 120	
Chrysene	10.0	8.77		ug/L		88	52 - 120	
Benzo[a]pyrene	10.0	8.22		ug/L		82	50 - 120	
Benzo[b]fluoranthene	10.0	8.53		ug/L		85	48 - 120	
Benzo[k]fluoranthene	10.0	8.32		ug/L		83	50 - 120	
Benzo[g,h,i]perylene	10.0	8.03		ug/L		80	49 - 120	
Indeno[1,2,3-cd]pyrene	10.0	8.25		ug/L		83	48 - 120	
Fluoranthene	10.0	7.30		ug/L		73	46 - 120	
Pyrene	10.0	7.72		ug/L		77	50 - 120	
Dibenz(a,h)anthracene	10.0	7.81		ug/L		78	48 - 101	

Surrogate	LCS LCS		Limits
	% Recovery	Qualifier	
2-Fluorobiphenyl	51		29 - 120
Terphenyl-d14	83		45 - 120

**Lab Sample ID: LCSD 720-86576/3-A**  
**Matrix: Water**  
**Analysis Batch: 86654**

**Client Sample ID: LCSD 720-86576/3-A**  
**Prep Type: Total/NA**  
**Prep Batch: 86576**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec.		RPD	
							Limits	RPD	RPD	Limit
Naphthalene	10.0	5.51		ug/L		55	33 - 120	6	35	
Acenaphthene	10.0	5.86		ug/L		59	37 - 120	9	35	
Acenaphthylene	10.0	5.58		ug/L		56	36 - 120	9	35	
Fluorene	10.0	6.76		ug/L		68	39 - 120	6	35	
Phenanthrene	10.0	5.96		ug/L		60	44 - 120	1	35	
Anthracene	10.0	6.51		ug/L		65	45 - 120	1	35	
Benzo[a]anthracene	10.0	7.77		ug/L		78	48 - 120	3	35	
Chrysene	10.0	8.59		ug/L		86	52 - 120	2	35	
Benzo[a]pyrene	10.0	7.88		ug/L		79	50 - 120	4	35	
Benzo[b]fluoranthene	10.0	8.18		ug/L		82	48 - 120	4	35	
Benzo[k]fluoranthene	10.0	7.98		ug/L		80	50 - 120	4	35	
Benzo[g,h,i]perylene	10.0	7.63		ug/L		76	49 - 120	5	35	
Indeno[1,2,3-cd]pyrene	10.0	7.77		ug/L		78	48 - 120	6	35	
Fluoranthene	10.0	6.78		ug/L		68	46 - 120	7	35	
Pyrene	10.0	7.20		ug/L		72	50 - 120	7	35	
Dibenz(a,h)anthracene	10.0	7.40		ug/L		74	48 - 101	5	35	

# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33472-1

## Method: 8270C SIM - PAHs by GCMS (SIM) (Continued)

**Lab Sample ID:** LCSD 720-86576/3-A  
**Matrix:** Water  
**Analysis Batch:** 86654

**Client Sample ID:** LCSD 720-86576/3-A  
**Prep Type:** Total/NA  
**Prep Batch:** 86576

Surrogate	LCSD LCSD		Limits
	% Recovery	Qualifier	
2-Fluorobiphenyl	56		29 - 120
Terphenyl-d14	80		45 - 120

**Lab Sample ID:** MB 720-86591/1-A  
**Matrix:** Solid  
**Analysis Batch:** 86671

**Client Sample ID:** MB 720-86591/1-A  
**Prep Type:** Total/NA  
**Prep Batch:** 86591

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Naphthalene	ND		5.0		ug/Kg		02/22/11 13:07	02/23/11 12:37	1
Acenaphthene	ND		5.0		ug/Kg		02/22/11 13:07	02/23/11 12:37	1
Acenaphthylene	ND		5.0		ug/Kg		02/22/11 13:07	02/23/11 12:37	1
Fluorene	ND		5.0		ug/Kg		02/22/11 13:07	02/23/11 12:37	1
Phenanthrene	ND		5.0		ug/Kg		02/22/11 13:07	02/23/11 12:37	1
Anthracene	ND		5.0		ug/Kg		02/22/11 13:07	02/23/11 12:37	1
Benzo[a]anthracene	ND		5.0		ug/Kg		02/22/11 13:07	02/23/11 12:37	1
Chrysene	ND		5.0		ug/Kg		02/22/11 13:07	02/23/11 12:37	1
Benzo[a]pyrene	ND		5.0		ug/Kg		02/22/11 13:07	02/23/11 12:37	1
Benzo[b]fluoranthene	ND		5.0		ug/Kg		02/22/11 13:07	02/23/11 12:37	1
Benzo[k]fluoranthene	ND		5.0		ug/Kg		02/22/11 13:07	02/23/11 12:37	1
Benzo[g,h,i]perylene	ND		5.0		ug/Kg		02/22/11 13:07	02/23/11 12:37	1
Indeno[1,2,3-cd]pyrene	ND		5.0		ug/Kg		02/22/11 13:07	02/23/11 12:37	1
Fluoranthene	ND		5.0		ug/Kg		02/22/11 13:07	02/23/11 12:37	1
Pyrene	ND		5.0		ug/Kg		02/22/11 13:07	02/23/11 12:37	1
Dibenz(a,h)anthracene	ND		5.0		ug/Kg		02/22/11 13:07	02/23/11 12:37	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	% Recovery	Qualifier				
2-Fluorobiphenyl	83		33 - 120	02/22/11 13:07	02/23/11 12:37	1
Terphenyl-d14	92		35 - 146	02/22/11 13:07	02/23/11 12:37	1

**Lab Sample ID:** LCS 720-86591/2-A  
**Matrix:** Solid  
**Analysis Batch:** 86671

**Client Sample ID:** LCS 720-86591/2-A  
**Prep Type:** Total/NA  
**Prep Batch:** 86591

Analyte	Spike Added	LCS LCS		Unit	D	% Rec	Limits
		Result	Qualifier				
Naphthalene	330	261		ug/Kg		79	46 - 120
Acenaphthene	330	278		ug/Kg		84	49 - 120
Acenaphthylene	330	287		ug/Kg		87	52 - 120
Fluorene	330	279		ug/Kg		84	52 - 120
Phenanthrene	330	295		ug/Kg		89	48 - 120
Anthracene	330	292		ug/Kg		88	52 - 120
Benzo[a]anthracene	330	286		ug/Kg		87	52 - 120
Chrysene	330	266		ug/Kg		80	54 - 120
Benzo[a]pyrene	330	303		ug/Kg		92	54 - 120
Benzo[b]fluoranthene	330	295		ug/Kg		89	51 - 120
Benzo[k]fluoranthene	330	306		ug/Kg		93	56 - 120
Benzo[g,h,i]perylene	330	312		ug/Kg		95	48 - 120
Indeno[1,2,3-cd]pyrene	330	310		ug/Kg		94	48 - 120
Fluoranthene	330	309		ug/Kg		94	57 - 120
Pyrene	330	304		ug/Kg		92	53 - 120

# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33472-1

## Method: 8270C SIM - PAHs by GCMS (SIM) (Continued)

**Lab Sample ID: LCS 720-86591/2-A**

**Matrix: Solid**

**Analysis Batch: 86671**

**Client Sample ID: LCS 720-86591/2-A**

**Prep Type: Total/NA**

**Prep Batch: 86591**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Dibenz(a,h)anthracene	330	295		ug/Kg		89	50 - 120

Surrogate	LCS % Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl	87		33 - 120
Terphenyl-d14	89		35 - 146

**Lab Sample ID: LCSD 720-86591/3-A**

**Matrix: Solid**

**Analysis Batch: 86671**

**Client Sample ID: LCSD 720-86591/3-A**

**Prep Type: Total/NA**

**Prep Batch: 86591**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	Limit
Naphthalene	329	251		ug/Kg		76	46 - 120	4	20
Acenaphthene	329	269		ug/Kg		82	49 - 120	3	20
Acenaphthylene	329	278		ug/Kg		85	52 - 120	3	20
Fluorene	329	268		ug/Kg		82	52 - 120	4	20
Phenanthrene	329	291		ug/Kg		88	48 - 120	1	20
Anthracene	329	285		ug/Kg		87	52 - 120	2	20
Benzo[a]anthracene	329	286		ug/Kg		87	52 - 120	0	20
Chrysene	329	260		ug/Kg		79	54 - 120	2	20
Benzo[a]pyrene	329	303		ug/Kg		92	54 - 120	0	20
Benzo[b]fluoranthene	329	301		ug/Kg		92	51 - 120	2	20
Benzo[k]fluoranthene	329	296		ug/Kg		90	56 - 120	3	20
Benzo[g,h,i]perylene	329	314		ug/Kg		95	48 - 120	1	20
Indeno[1,2,3-cd]pyrene	329	310		ug/Kg		94	48 - 120	0	20
Fluoranthene	329	306		ug/Kg		93	57 - 120	1	20
Pyrene	329	301		ug/Kg		91	53 - 120	1	20
Dibenz(a,h)anthracene	329	298		ug/Kg		90	50 - 120	1	20

Surrogate	LCSD % Recovery	LCSD Qualifier	Limits
2-Fluorobiphenyl	83		33 - 120
Terphenyl-d14	90		35 - 146

## Method: 8015B - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

**Lab Sample ID: MB 720-86590/1-A**

**Matrix: Solid**

**Analysis Batch: 86642**

**Client Sample ID: MB 720-86590/1-A**

**Prep Type: Total/NA**

**Prep Batch: 86590**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		0.99		mg/Kg		02/22/11 13:04	02/23/11 11:50	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		02/22/11 13:04	02/23/11 11:50	1

Surrogate	MB % Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	110		31 - 114	02/22/11 13:04	02/23/11 11:50	1

# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33472-1

## Method: 8015B - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics) (Continued)

**Lab Sample ID: LCS 720-86590/2-A**

**Matrix: Solid**

**Analysis Batch: 86642**

**Client Sample ID: LCS 720-86590/2-A**

**Prep Type: Total/NA**

**Prep Batch: 86590**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Diesel Range Organics [C10-C28]	83.3	82.3		mg/Kg		99	59 - 134
<b>Surrogate</b>	<b>% Recovery</b>	<b>LCS Qualifier</b>	<b>Limits</b>				
p-Terphenyl	99		31 - 114				

**Lab Sample ID: LCSD 720-86590/3-A**

**Matrix: Solid**

**Analysis Batch: 86642**

**Client Sample ID: LCSD 720-86590/3-A**

**Prep Type: Total/NA**

**Prep Batch: 86590**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	Limit
Diesel Range Organics [C10-C28]	82.2	79.5		mg/Kg		97	59 - 134	4	35
<b>Surrogate</b>	<b>% Recovery</b>	<b>LCSD Qualifier</b>	<b>Limits</b>						
p-Terphenyl	102		31 - 114						

**Lab Sample ID: MB 720-86604/1-A**

**Matrix: Water**

**Analysis Batch: 86640**

**Client Sample ID: MB 720-86604/1-A**

**Prep Type: Total/NA**

**Prep Batch: 86604**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		50		ug/L		02/22/11 14:51	02/23/11 10:45	1
Motor Oil Range Organics [C24-C36]	ND		99		ug/L		02/22/11 14:51	02/23/11 10:45	1
<b>Surrogate</b>	<b>% Recovery</b>	<b>MB Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
p-Terphenyl	91		23 - 156				02/22/11 14:51	02/23/11 10:45	1

**Lab Sample ID: LCS 720-86604/2-A**

**Matrix: Water**

**Analysis Batch: 86640**

**Client Sample ID: LCS 720-86604/2-A**

**Prep Type: Total/NA**

**Prep Batch: 86604**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Diesel Range Organics [C10-C28]	2500	1700		ug/L		68	40 - 150
<b>Surrogate</b>	<b>% Recovery</b>	<b>LCS Qualifier</b>	<b>Limits</b>				
p-Terphenyl	95		23 - 156				

**Lab Sample ID: LCSD 720-86604/3-A**

**Matrix: Water**

**Analysis Batch: 86640**

**Client Sample ID: LCSD 720-86604/3-A**

**Prep Type: Total/NA**

**Prep Batch: 86604**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	Limit
Diesel Range Organics [C10-C28]	2500	1360		ug/L		54	40 - 150	22	35
<b>Surrogate</b>	<b>% Recovery</b>	<b>LCSD Qualifier</b>	<b>Limits</b>						
p-Terphenyl	83		23 - 156						



# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33472-1

## Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

**Lab Sample ID: MB 720-86655/1-A**  
**Matrix: Water**  
**Analysis Batch: 86639**

**Client Sample ID: MB 720-86655/1-A**  
**Prep Type: Total/NA**  
**Prep Batch: 86655**

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Diesel Range Organics [C10-C28]	ND		50		ug/L		02/23/11 09:21	02/23/11 18:58	1
Motor Oil Range Organics [C24-C36]	ND		99		ug/L		02/23/11 09:21	02/23/11 18:58	1
Surrogate	MB MB		Limits			Prepared	Analyzed	Dil Fac	
% Recovery	Qualifier			Unit	D				
p-Terphenyl	102		23 - 156			02/23/11 09:21	02/23/11 18:58	1	

**Lab Sample ID: LCS 720-86655/2-A**  
**Matrix: Water**  
**Analysis Batch: 86639**

**Client Sample ID: LCS 720-86655/2-A**  
**Prep Type: Total/NA**  
**Prep Batch: 86655**

Analyte	Spike Added	LCS LCS		Unit	D	% Rec	% Rec. Limits
		Result	Qualifier				
Diesel Range Organics [C10-C28]	2500	1810		ug/L		73	40 - 150
Surrogate	LCS LCS		Limits			% Rec	
% Recovery	Qualifier			Unit	D		
p-Terphenyl	107		23 - 156				

**Lab Sample ID: LCSD 720-86655/3-A**  
**Matrix: Water**  
**Analysis Batch: 86639**

**Client Sample ID: LCSD 720-86655/3-A**  
**Prep Type: Total/NA**  
**Prep Batch: 86655**

Analyte	Spike Added	LCSD LCSD		Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
		Result	Qualifier						
Diesel Range Organics [C10-C28]	2500	1880		ug/L		75	40 - 150	4	35
Surrogate	LCSD LCSD		Limits			% Rec			
% Recovery	Qualifier			Unit	D				
p-Terphenyl	116		23 - 156						

## Method: 8082\_ASP - Polychlorinated Biphenyls (PCBs) (GC)

**Lab Sample ID: MB 720-86501/1-A**  
**Matrix: Solid**  
**Analysis Batch: 86553**

**Client Sample ID: MB 720-86501/1-A**  
**Prep Type: Total/NA**  
**Prep Batch: 86501**

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
PCB-1016	ND		49		ug/Kg		02/18/11 14:27	02/22/11 14:52	1
PCB-1221	ND		49		ug/Kg		02/18/11 14:27	02/22/11 14:52	1
PCB-1232	ND		49		ug/Kg		02/18/11 14:27	02/22/11 14:52	1
PCB-1242	ND		49		ug/Kg		02/18/11 14:27	02/22/11 14:52	1
PCB-1248	ND		49		ug/Kg		02/18/11 14:27	02/22/11 14:52	1
PCB-1254	ND		49		ug/Kg		02/18/11 14:27	02/22/11 14:52	1
PCB-1260	ND		49		ug/Kg		02/18/11 14:27	02/22/11 14:52	1
Surrogate	MB MB		Limits			Prepared	Analyzed	Dil Fac	
% Recovery	Qualifier			Unit	D				
Tetrachloro-m-xylene	92		32 - 112			02/18/11 14:27	02/22/11 14:52	1	
DCB Decachlorobiphenyl	81		2 - 122			02/18/11 14:27	02/22/11 14:52	1	

# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33472-1

## Method: 8082\_ASP - Polychlorinated Biphenyls (PCBs) (GC) (Continued)

**Lab Sample ID: LCS 720-86501/2-A**

**Matrix: Solid**

**Analysis Batch: 86553**

**Client Sample ID: LCS 720-86501/2-A**

**Prep Type: Total/NA**

**Prep Batch: 86501**

Analyte	Spike Added	LCS	LCS	Unit	D	% Rec	% Rec. Limits
		Result	Qualifier				
PCB-1016	133	122		ug/Kg		92	65 - 120
PCB-1260	133	114		ug/Kg		85	65 - 120

Surrogate	LCS	LCS	Limits
	% Recovery	Qualifier	
Tetrachloro-m-xylene	89		32 - 112
DCB Decachlorobiphenyl	81		2 - 122

**Lab Sample ID: LCSD 720-86501/3-A**

**Matrix: Solid**

**Analysis Batch: 86553**

**Client Sample ID: LCSD 720-86501/3-A**

**Prep Type: Total/NA**

**Prep Batch: 86501**

Analyte	Spike Added	LCSD	LCSD	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
		Result	Qualifier						
PCB-1016	133	121		ug/Kg		91	65 - 120	1	20
PCB-1260	133	113		ug/Kg		85	65 - 120	1	20

Surrogate	LCSD	LCSD	Limits
	% Recovery	Qualifier	
Tetrachloro-m-xylene	89		32 - 112
DCB Decachlorobiphenyl	83		2 - 122

## Method: 6010B - Metals (ICP)

**Lab Sample ID: MB 720-86598/1-A**

**Matrix: Water**

**Analysis Batch: 86680**

**Client Sample ID: MB 720-86598/1-A**

**Prep Type: Total/NA**

**Prep Batch: 86598**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	ND		0.010		mg/L		02/22/11 14:00	02/23/11 11:40	1
Arsenic	ND		0.010		mg/L		02/22/11 14:00	02/23/11 11:40	1
Cadmium	ND		0.0025		mg/L		02/22/11 14:00	02/23/11 11:40	1
Chromium	ND		0.010		mg/L		02/22/11 14:00	02/23/11 11:40	1
Cobalt	ND		0.0020		mg/L		02/22/11 14:00	02/23/11 11:40	1
Copper	ND		0.020		mg/L		02/22/11 14:00	02/23/11 11:40	1
Lead	ND		0.0050		mg/L		02/22/11 14:00	02/23/11 11:40	1
Molybdenum	ND		0.010		mg/L		02/22/11 14:00	02/23/11 11:40	1
Nickel	ND		0.010		mg/L		02/22/11 14:00	02/23/11 11:40	1
Selenium	ND		0.020		mg/L		02/22/11 14:00	02/23/11 11:40	1
Silver	ND		0.0050		mg/L		02/22/11 14:00	02/23/11 11:40	1
Thallium	ND		0.010		mg/L		02/22/11 14:00	02/23/11 11:40	1
Vanadium	ND		0.010		mg/L		02/22/11 14:00	02/23/11 11:40	1
Zinc	ND		0.020		mg/L		02/22/11 14:00	02/23/11 11:40	1

**Lab Sample ID: MB 720-86598/1-A**

**Matrix: Water**

**Analysis Batch: 86717**

**Client Sample ID: MB 720-86598/1-A**

**Prep Type: Total/NA**

**Prep Batch: 86598**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Barium	ND		0.0050		mg/L		02/22/11 14:00	02/23/11 19:34	1
Beryllium	ND		0.0020		mg/L		02/22/11 14:00	02/23/11 19:34	1

# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33472-1

## Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 720-86598/2-A

Matrix: Water

Analysis Batch: 86680

Client Sample ID: LCS 720-86598/2-A

Prep Type: Total/NA

Prep Batch: 86598

Analyte	Spike Added	LCS	LCS	Unit	D	% Rec	% Rec.	
		Result	Qualifier				Limits	
Antimony	1.00	0.967		mg/L		97	80 - 120	
Arsenic	1.00	0.895		mg/L		89	80 - 120	
Cadmium	1.00	0.950		mg/L		95	80 - 120	
Chromium	1.00	1.04		mg/L		104	80 - 120	
Cobalt	1.00	0.979		mg/L		98	80 - 120	
Copper	1.00	1.06		mg/L		106	80 - 120	
Lead	1.00	1.01		mg/L		101	80 - 120	
Molybdenum	1.00	1.03		mg/L		103	80 - 120	
Nickel	1.00	1.00		mg/L		100	80 - 120	
Selenium	1.00	0.964		mg/L		96	80 - 120	
Silver	0.500	0.518		mg/L		104	80 - 120	
Thallium	1.00	1.02		mg/L		102	80 - 120	
Vanadium	1.00	1.02		mg/L		102	80 - 120	
Zinc	1.00	0.946		mg/L		95	80 - 120	

Lab Sample ID: LCS 720-86598/2-A

Matrix: Water

Analysis Batch: 86717

Client Sample ID: LCS 720-86598/2-A

Prep Type: Total/NA

Prep Batch: 86598

Analyte	Spike Added	LCS	LCS	Unit	D	% Rec	% Rec.	
		Result	Qualifier				Limits	
Barium	1.00	0.956		mg/L		96	80 - 120	
Beryllium	1.00	0.949		mg/L		95	80 - 120	

Lab Sample ID: LCSD 720-86598/3-A

Matrix: Water

Analysis Batch: 86680

Client Sample ID: LCSD 720-86598/3-A

Prep Type: Total/NA

Prep Batch: 86598

Analyte	Spike Added	LCSD	LCSD	Unit	D	% Rec	% Rec.		RPD	
		Result	Qualifier				Limits	RPD	Limit	
Antimony	1.00	0.964		mg/L		96	80 - 120	0	20	
Arsenic	1.00	0.890		mg/L		89	80 - 120	1	20	
Cadmium	1.00	0.944		mg/L		94	80 - 120	1	20	
Chromium	1.00	1.04		mg/L		104	80 - 120	1	20	
Cobalt	1.00	0.973		mg/L		97	80 - 120	1	20	
Copper	1.00	1.06		mg/L		106	80 - 120	1	20	
Lead	1.00	0.998		mg/L		100	80 - 120	1	20	
Molybdenum	1.00	1.03		mg/L		103	80 - 120	1	20	
Nickel	1.00	0.991		mg/L		99	80 - 120	1	20	
Selenium	1.00	0.956		mg/L		96	80 - 120	1	20	
Silver	0.500	0.514		mg/L		103	80 - 120	1	20	
Thallium	1.00	1.01		mg/L		101	80 - 120	1	20	
Vanadium	1.00	1.01		mg/L		101	80 - 120	0	20	
Zinc	1.00	0.940		mg/L		94	80 - 120	1	20	

Lab Sample ID: LCSD 720-86598/3-A

Matrix: Water

Analysis Batch: 86717

Client Sample ID: LCSD 720-86598/3-A

Prep Type: Total/NA

Prep Batch: 86598

Analyte	Spike Added	LCSD	LCSD	Unit	D	% Rec	% Rec.		RPD	
		Result	Qualifier				Limits	RPD	Limit	
Barium	1.00	0.926		mg/L		93	80 - 120	3	20	
Beryllium	1.00	0.920		mg/L		92	80 - 120	3	20	

# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33472-1

## Method: 6010B - Metals (ICP) (Continued)

**Lab Sample ID: MB 720-86782/1-A**

**Matrix: Solid**

**Analysis Batch: 86840**

**Client Sample ID: MB 720-86782/1-A**

**Prep Type: Total/NA**

**Prep Batch: 86782**

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	ND		0.50		mg/Kg		02/24/11 16:47	02/25/11 11:45	1
Arsenic	ND		1.0		mg/Kg		02/24/11 16:47	02/25/11 11:45	1
Barium	ND		0.50		mg/Kg		02/24/11 16:47	02/25/11 11:45	1
Beryllium	ND		0.10		mg/Kg		02/24/11 16:47	02/25/11 11:45	1
Cadmium	ND		0.12		mg/Kg		02/24/11 16:47	02/25/11 11:45	1
Chromium	ND		0.50		mg/Kg		02/24/11 16:47	02/25/11 11:45	1
Cobalt	ND		0.20		mg/Kg		02/24/11 16:47	02/25/11 11:45	1
Copper	ND		1.5		mg/Kg		02/24/11 16:47	02/25/11 11:45	1
Lead	ND		0.50		mg/Kg		02/24/11 16:47	02/25/11 11:45	1
Molybdenum	ND		0.50		mg/Kg		02/24/11 16:47	02/25/11 11:45	1
Nickel	ND		0.50		mg/Kg		02/24/11 16:47	02/25/11 11:45	1
Selenium	ND		1.0		mg/Kg		02/24/11 16:47	02/25/11 11:45	1
Silver	ND		0.25		mg/Kg		02/24/11 16:47	02/25/11 11:45	1
Thallium	ND		0.50		mg/Kg		02/24/11 16:47	02/25/11 11:45	1
Vanadium	ND		0.50		mg/Kg		02/24/11 16:47	02/25/11 11:45	1
Zinc	ND		1.5		mg/Kg		02/24/11 16:47	02/25/11 11:45	1

**Lab Sample ID: LCS 720-86782/2-A**

**Matrix: Solid**

**Analysis Batch: 86840**

**Client Sample ID: LCS 720-86782/2-A**

**Prep Type: Total/NA**

**Prep Batch: 86782**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Arsenic	50.0	43.6		mg/Kg		87	80 - 120
Barium	50.0	48.8		mg/Kg		98	80 - 120
Beryllium	50.0	49.8		mg/Kg		100	80 - 120
Cadmium	50.0	46.8		mg/Kg		94	80 - 120
Chromium	50.0	49.3		mg/Kg		99	80 - 120
Cobalt	50.0	47.6		mg/Kg		95	80 - 120
Copper	50.0	49.4		mg/Kg		99	80 - 120
Lead	50.0	49.0		mg/Kg		98	80 - 120
Molybdenum	50.0	49.5		mg/Kg		99	80 - 120
Nickel	50.0	48.4		mg/Kg		97	80 - 120
Selenium	50.0	46.4		mg/Kg		93	80 - 120
Silver	25.0	24.6		mg/Kg		99	80 - 120
Thallium	50.0	49.1		mg/Kg		98	80 - 120
Vanadium	50.0	48.6		mg/Kg		97	80 - 120
Zinc	50.0	47.0		mg/Kg		94	80 - 120

**Lab Sample ID: LCSD 720-86782/3-A**

**Matrix: Solid**

**Analysis Batch: 86840**

**Client Sample ID: LCSD 720-86782/3-A**

**Prep Type: Total/NA**

**Prep Batch: 86782**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	
								RPD	Limit
Antimony	50.0	46.5		mg/Kg		93	80 - 120	1	20
Arsenic	50.0	43.7		mg/Kg		87	80 - 120	0	20
Barium	50.0	48.5		mg/Kg		97	80 - 120	1	20
Beryllium	50.0	49.4		mg/Kg		99	80 - 120	1	20
Cadmium	50.0	46.9		mg/Kg		94	80 - 120	0	20
Chromium	50.0	49.4		mg/Kg		99	80 - 120	0	20

# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33472-1

## Method: 6010B - Metals (ICP) (Continued)

**Lab Sample ID: LCSD 720-86782/3-A**  
**Matrix: Solid**  
**Analysis Batch: 86840**

**Client Sample ID: LCSD 720-86782/3-A**  
**Prep Type: Total/NA**  
**Prep Batch: 86782**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec.		RPD Limit
							Limits	RPD	
Cobalt	50.0	47.7		mg/Kg		95	80 - 120	0	20
Copper	50.0	49.0		mg/Kg		98	80 - 120	1	20
Lead	50.0	49.0		mg/Kg		98	80 - 120	0	20
Molybdenum	50.0	49.8		mg/Kg		100	80 - 120	0	20
Nickel	50.0	48.6		mg/Kg		97	80 - 120	0	20
Selenium	50.0	46.6		mg/Kg		93	80 - 120	0	20
Silver	25.0	24.6		mg/Kg		98	80 - 120	0	20
Thallium	50.0	49.1		mg/Kg		98	80 - 120	0	20
Vanadium	50.0	48.7		mg/Kg		97	80 - 120	0	20
Zinc	50.0	47.1		mg/Kg		94	80 - 120	0	20

**Lab Sample ID: LCSSRM 720-86782/24-A**  
**Matrix: Solid**  
**Analysis Batch: 86840**

**Client Sample ID: LCSSRM 720-86782/24-A**  
**Prep Type: Total/NA**  
**Prep Batch: 86782**

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	% Rec	% Rec.		RPD Limit
							Limits	RPD	
Antimony	105	58.7		mg/Kg		56	11 - 101		
Arsenic	79.4	64.0		mg/Kg		81	69 - 119		
Barium	391	329		mg/Kg		84	61 - 117		
Beryllium	304	271		mg/Kg		89	56 - 102		
Cadmium	48.3	38.8		mg/Kg		80	67 - 118		
Chromium	171	149		mg/Kg		87	67 - 121		
Cobalt	59.2	49.5		mg/Kg		84	64 - 133		
Copper	327	290		mg/Kg		89	68 - 126		
Lead	181	148		mg/Kg		82	62 - 113		
Molybdenum	156	139		mg/Kg		89	62 - 128		
Nickel	76.0	63.9		mg/Kg		84	65 - 117		
Selenium	76.9	63.4		mg/Kg		82	63 - 126		
Silver	29.1	26.5		mg/Kg		91	51 - 130		
Thallium	192	154		mg/Kg		80	64 - 124		
Vanadium	213	188		mg/Kg		88	67 - 123		
Zinc	256	209		mg/Kg		82	62 - 110		

## Method: 7470A - Mercury (CVAA)

**Lab Sample ID: MB 720-86769/1-A**  
**Matrix: Water**  
**Analysis Batch: 86795**

**Client Sample ID: MB 720-86769/1-A**  
**Prep Type: Total/NA**  
**Prep Batch: 86769**

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	ND		0.00020		mg/L		02/24/11 13:57	02/24/11 19:24	1

**Lab Sample ID: LCS 720-86769/2-A**  
**Matrix: Water**  
**Analysis Batch: 86795**

**Client Sample ID: LCS 720-86769/2-A**  
**Prep Type: Total/NA**  
**Prep Batch: 86769**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec.		RPD Limit
							Limits	RPD	
Mercury	0.0100	0.0107		mg/L		107	80 - 120		

# Quality Control Data

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33472-1

## Method: 7470A - Mercury (CVAA) (Continued)

**Lab Sample ID: LCSD 720-86769/3-A**  
**Matrix: Water**  
**Analysis Batch: 86795**

**Client Sample ID: LCSD 720-86769/3-A**  
**Prep Type: Total/NA**  
**Prep Batch: 86769**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec.		RPD Limit
							Limits	RPD	
Mercury	0.0100	0.0107		mg/L		107	80 - 120	1	20

**Lab Sample ID: 720-33472-1 MS**  
**Matrix: Water**  
**Analysis Batch: 86795**

**Client Sample ID: SB-7**  
**Prep Type: Total/NA**  
**Prep Batch: 86769**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec.	
									Limits	RPD
Mercury	ND		0.0100	0.0100		mg/L		100	75 - 125	

**Lab Sample ID: 720-33472-1 MSD**  
**Matrix: Water**  
**Analysis Batch: 86795**

**Client Sample ID: SB-7**  
**Prep Type: Total/NA**  
**Prep Batch: 86769**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec.	
									Limits	RPD
Mercury	ND		0.0100	0.0102		mg/L		102	75 - 125	1

## Method: 7471A - Mercury (CVAA)

**Lab Sample ID: MB 720-86626/1-A**  
**Matrix: Solid**  
**Analysis Batch: 86636**

**Client Sample ID: MB 720-86626/1-A**  
**Prep Type: Total/NA**  
**Prep Batch: 86626**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

**Lab Sample ID: LCS 720-86626/2-A**  
**Matrix: Solid**  
**Analysis Batch: 86636**

**Client Sample ID: LCS 720-86626/2-A**  
**Prep Type: Total/NA**  
**Prep Batch: 86626**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec.	
							Limits	RPD
Mercury	0.833	0.850		mg/Kg		102	80 - 120	

**Lab Sample ID: LCSD 720-86626/3-A**  
**Matrix: Solid**  
**Analysis Batch: 86636**

**Client Sample ID: LCSD 720-86626/3-A**  
**Prep Type: Total/NA**  
**Prep Batch: 86626**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec.		RPD Limit
							Limits	RPD	
Mercury	0.833	0.850		mg/Kg		102	80 - 120	0	20

# QC Association Summary

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33472-1

## GC/MS VOA

### Analysis Batch: 86515

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33472-2	SB-8	Total/NA	Solid	8260B	86562
720-33472-3	SB-15	Total/NA	Solid	8260B	86562
720-33472-4	SB-16	Total/NA	Solid	8260B	86562
MB 720-86562/1-A	MB 720-86562/1-A	Total/NA	Solid	8260B	86562
LCS 720-86562/2-A	LCS 720-86562/2-A	Total/NA	Solid	8260B	86562
LCSD 720-86562/3-A	LCSD 720-86562/3-A	Total/NA	Solid	8260B	86562
LCS 720-86562/4-A	LCS 720-86562/4-A	Total/NA	Solid	8260B	86562
LCSD 720-86562/5-A	LCSD 720-86562/5-A	Total/NA	Solid	8260B	86562

### Prep Batch: 86562

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86562/1-A	MB 720-86562/1-A	Total/NA	Solid	5035	
720-33472-2	SB-8	Total/NA	Solid	5035	
720-33472-3	SB-15	Total/NA	Solid	5035	
720-33472-4	SB-16	Total/NA	Solid	5035	
LCS 720-86562/2-A	LCS 720-86562/2-A	Total/NA	Solid	5035	
LCSD 720-86562/3-A	LCSD 720-86562/3-A	Total/NA	Solid	5035	
LCS 720-86562/4-A	LCS 720-86562/4-A	Total/NA	Solid	5035	
LCSD 720-86562/5-A	LCSD 720-86562/5-A	Total/NA	Solid	5035	

### Analysis Batch: 86613

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 720-86613/10	LCSD 720-86613/10	Total/NA	Water	8260B	
720-33472-1	SB-7	Total/NA	Water	8260B	
720-33472-5	SB-16	Total/NA	Water	8260B	
720-33472-6	SB-17	Total/NA	Water	8260B	
720-33472-7	SB-18	Total/NA	Water	8260B	
MB 720-86613/6	MB 720-86613/6	Total/NA	Water	8260B	
LCS 720-86613/7	LCS 720-86613/7	Total/NA	Water	8260B	
LCSD 720-86613/8	LCSD 720-86613/8	Total/NA	Water	8260B	
LCS 720-86613/9	LCS 720-86613/9	Total/NA	Water	8260B	

## GC/MS Semi VOA

### Prep Batch: 86576

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86576/1-A	MB 720-86576/1-A	Total/NA	Water	3510C	
720-33472-1	SB-7	Total/NA	Water	3510C	
720-33472-6	SB-17	Total/NA	Water	3510C	
720-33472-5	SB-16	Total/NA	Water	3510C	
720-33472-7	SB-18	Total/NA	Water	3510C	
LCS 720-86576/2-A	LCS 720-86576/2-A	Total/NA	Water	3510C	
LCSD 720-86576/3-A	LCSD 720-86576/3-A	Total/NA	Water	3510C	

### Prep Batch: 86591

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86591/1-A	MB 720-86591/1-A	Total/NA	Solid	3550B	
720-33472-2	SB-8	Total/NA	Solid	3550B	
720-33472-3	SB-15	Total/NA	Solid	3550B	
720-33472-4	SB-16	Total/NA	Solid	3550B	
LCS 720-86591/2-A	LCS 720-86591/2-A	Total/NA	Solid	3550B	
LCSD 720-86591/3-A	LCSD 720-86591/3-A	Total/NA	Solid	3550B	

# QC Association Summary

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33472-1

## GC/MS Semi VOA (Continued)

### Analysis Batch: 86654

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33472-1	SB-7	Total/NA	Water	8270C SIM	86576
720-33472-5	SB-16	Total/NA	Water	8270C SIM	86576
720-33472-6	SB-17	Total/NA	Water	8270C SIM	86576
720-33472-7	SB-18	Total/NA	Water	8270C SIM	86576
LCS 720-86576/2-A	LCS 720-86576/2-A	Total/NA	Water	8270C SIM	86576
LCSD 720-86576/3-A	LCSD 720-86576/3-A	Total/NA	Water	8270C SIM	86576
MB 720-86576/1-A	MB 720-86576/1-A	Total/NA	Water	8270C SIM	86576

### Analysis Batch: 86671

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-86591/2-A	LCS 720-86591/2-A	Total/NA	Solid	8270C SIM	86591
720-33472-3	SB-15	Total/NA	Solid	8270C SIM	86591
720-33472-4	SB-16	Total/NA	Solid	8270C SIM	86591
720-33472-2	SB-8	Total/NA	Solid	8270C SIM	86591
LCSD 720-86591/3-A	LCSD 720-86591/3-A	Total/NA	Solid	8270C SIM	86591
MB 720-86591/1-A	MB 720-86591/1-A	Total/NA	Solid	8270C SIM	86591

## GC Semi VOA

### Prep Batch: 86501

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86501/1-A	MB 720-86501/1-A	Total/NA	Solid	3550B	
LCS 720-86501/2-A	LCS 720-86501/2-A	Total/NA	Solid	3550B	
LCSD 720-86501/3-A	LCSD 720-86501/3-A	Total/NA	Solid	3550B	
720-33472-8	SB-19	Total/NA	Solid	3550B	

### Analysis Batch: 86553

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33472-8	SB-19	Total/NA	Solid	8082_ASP	86501
MB 720-86501/1-A	MB 720-86501/1-A	Total/NA	Solid	8082_ASP	86501
LCS 720-86501/2-A	LCS 720-86501/2-A	Total/NA	Solid	8082_ASP	86501
LCSD 720-86501/3-A	LCSD 720-86501/3-A	Total/NA	Solid	8082_ASP	86501

### Prep Batch: 86590

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86590/1-A	MB 720-86590/1-A	Total/NA	Solid	3550B	
720-33472-2	SB-8	Total/NA	Solid	3550B	
720-33472-3	SB-15	Total/NA	Solid	3550B	
720-33472-4	SB-16	Total/NA	Solid	3550B	
LCS 720-86590/2-A	LCS 720-86590/2-A	Total/NA	Solid	3550B	
LCSD 720-86590/3-A	LCSD 720-86590/3-A	Total/NA	Solid	3550B	

### Prep Batch: 86604

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86604/1-A	MB 720-86604/1-A	Total/NA	Water	3510C	
LCS 720-86604/2-A	LCS 720-86604/2-A	Total/NA	Water	3510C	
720-33472-1	SB-7	Total/NA	Water	3510C	
720-33472-5	SB-16	Total/NA	Water	3510C	
LCSD 720-86604/3-A	LCSD 720-86604/3-A	Total/NA	Water	3510C	



# QC Association Summary

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33472-1

## GC Semi VOA (Continued)

### Analysis Batch: 86639

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33472-7	SB-18	Total/NA	Water	8015B	86655
LCS 720-86655/2-A	LCS 720-86655/2-A	Total/NA	Water	8015B	86655
LCSD 720-86655/3-A	LCSD 720-86655/3-A	Total/NA	Water	8015B	86655
MB 720-86655/1-A	MB 720-86655/1-A	Total/NA	Water	8015B	86655

### Analysis Batch: 86640

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 720-86604/3-A	LCSD 720-86604/3-A	Total/NA	Water	8015B	86604
MB 720-86604/1-A	MB 720-86604/1-A	Total/NA	Water	8015B	86604
720-33472-1	SB-7	Total/NA	Water	8015B	86604
LCS 720-86604/2-A	LCS 720-86604/2-A	Total/NA	Water	8015B	86604

### Analysis Batch: 86642

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 720-86590/3-A	LCSD 720-86590/3-A	Total/NA	Solid	8015B	86590
MB 720-86590/1-A	MB 720-86590/1-A	Total/NA	Solid	8015B	86590
720-33472-2	SB-8	Total/NA	Solid	8015B	86590
LCS 720-86590/2-A	LCS 720-86590/2-A	Total/NA	Solid	8015B	86590

### Prep Batch: 86655

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86655/1-A	MB 720-86655/1-A	Total/NA	Water	3510C	
LCS 720-86655/2-A	LCS 720-86655/2-A	Total/NA	Water	3510C	
LCSD 720-86655/3-A	LCSD 720-86655/3-A	Total/NA	Water	3510C	
720-33472-6	SB-17	Total/NA	Water	3510C	
720-33472-7	SB-18	Total/NA	Water	3510C	

### Analysis Batch: 86723

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33472-6	SB-17	Total/NA	Water	8015B	86655
720-33472-5	SB-16	Total/NA	Water	8015B	86604

### Analysis Batch: 86724

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33472-4	SB-16	Total/NA	Solid	8015B	86590

### Analysis Batch: 86725

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33472-3	SB-15	Total/NA	Solid	8015B	86590

## Metals

### Prep Batch: 86598

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86598/1-A	MB 720-86598/1-A	Total/NA	Water	3010A	
MB 720-86598/1-A	MB 720-86598/1-A	Total/NA	Water	3010A	
720-33472-1	SB-7	Total/NA	Water	3010A	
720-33472-1	SB-7	Total/NA	Water	3010A	
720-33472-5	SB-16	Total/NA	Water	3010A	
720-33472-5	SB-16	Total/NA	Water	3010A	
720-33472-6	SB-17	Total/NA	Water	3010A	
720-33472-6	SB-17	Total/NA	Water	3010A	

# QC Association Summary

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33472-1

## Metals (Continued)

### Prep Batch: 86598 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33472-7	SB-18	Total/NA	Water	3010A	
720-33472-7	SB-18	Total/NA	Water	3010A	
LCS 720-86598/2-A	LCS 720-86598/2-A	Total/NA	Water	3010A	
LCS 720-86598/2-A	LCS 720-86598/2-A	Total/NA	Water	3010A	
LCSD 720-86598/3-A	LCSD 720-86598/3-A	Total/NA	Water	3010A	
LCSD 720-86598/3-A	LCSD 720-86598/3-A	Total/NA	Water	3010A	

### Prep Batch: 86626

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86626/1-A	MB 720-86626/1-A	Total/NA	Solid	7471A	
720-33472-3	SB-15	Total/NA	Solid	7471A	
720-33472-4	SB-16	Total/NA	Solid	7471A	
LCS 720-86626/2-A	LCS 720-86626/2-A	Total/NA	Solid	7471A	
LCSD 720-86626/3-A	LCSD 720-86626/3-A	Total/NA	Solid	7471A	
720-33472-2	SB-8	Total/NA	Solid	7471A	

### Analysis Batch: 86636

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33472-2	SB-8	Total/NA	Solid	7471A	86626
720-33472-3	SB-15	Total/NA	Solid	7471A	86626
720-33472-4	SB-16	Total/NA	Solid	7471A	86626
MB 720-86626/1-A	MB 720-86626/1-A	Total/NA	Solid	7471A	86626
LCS 720-86626/2-A	LCS 720-86626/2-A	Total/NA	Solid	7471A	86626
LCSD 720-86626/3-A	LCSD 720-86626/3-A	Total/NA	Solid	7471A	86626

### Analysis Batch: 86680

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86598/1-A	MB 720-86598/1-A	Total/NA	Water	6010B	86598
720-33472-1	SB-7	Total/NA	Water	6010B	86598
720-33472-5	SB-16	Total/NA	Water	6010B	86598
720-33472-6	SB-17	Total/NA	Water	6010B	86598
720-33472-7	SB-18	Total/NA	Water	6010B	86598
LCS 720-86598/2-A	LCS 720-86598/2-A	Total/NA	Water	6010B	86598
LCSD 720-86598/3-A	LCSD 720-86598/3-A	Total/NA	Water	6010B	86598

### Analysis Batch: 86717

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86598/1-A	MB 720-86598/1-A	Total/NA	Water	6010B	86598
720-33472-1	SB-7	Total/NA	Water	6010B	86598
720-33472-5	SB-16	Total/NA	Water	6010B	86598
720-33472-6	SB-17	Total/NA	Water	6010B	86598
720-33472-7	SB-18	Total/NA	Water	6010B	86598
LCS 720-86598/2-A	LCS 720-86598/2-A	Total/NA	Water	6010B	86598
LCSD 720-86598/3-A	LCSD 720-86598/3-A	Total/NA	Water	6010B	86598

### Prep Batch: 86769

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86769/1-A	MB 720-86769/1-A	Total/NA	Water	7470A	
LCS 720-86769/2-A	LCS 720-86769/2-A	Total/NA	Water	7470A	
LCSD 720-86769/3-A	LCSD 720-86769/3-A	Total/NA	Water	7470A	
720-33472-1 MS	SB-7	Total/NA	Water	7470A	
720-33472-1 MSD	SB-7	Total/NA	Water	7470A	

# QC Association Summary

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33472-1

## Metals (Continued)

### Prep Batch: 86769 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33472-1	SB-7	Total/NA	Water	7470A	
720-33472-5	SB-16	Total/NA	Water	7470A	
720-33472-6	SB-17	Total/NA	Water	7470A	
720-33472-7	SB-18	Total/NA	Water	7470A	

### Prep Batch: 86782

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86782/1-A	MB 720-86782/1-A	Total/NA	Solid	3050B	
720-33472-2	SB-8	Total/NA	Solid	3050B	
LCS 720-86782/2-A	LCS 720-86782/2-A	Total/NA	Solid	3050B	
720-33472-3	SB-15	Total/NA	Solid	3050B	
720-33472-4	SB-16	Total/NA	Solid	3050B	
LCSSRM 720-86782/24-A	LCSSRM 720-86782/24-A	Total/NA	Solid	3050B	
LCSD 720-86782/3-A	LCSD 720-86782/3-A	Total/NA	Solid	3050B	

### Analysis Batch: 86795

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33472-6	SB-17	Total/NA	Water	7470A	86769
720-33472-7	SB-18	Total/NA	Water	7470A	86769
MB 720-86769/1-A	MB 720-86769/1-A	Total/NA	Water	7470A	86769
LCS 720-86769/2-A	LCS 720-86769/2-A	Total/NA	Water	7470A	86769
LCSD 720-86769/3-A	LCSD 720-86769/3-A	Total/NA	Water	7470A	86769
720-33472-1 MS	SB-7	Total/NA	Water	7470A	86769
720-33472-1 MSD	SB-7	Total/NA	Water	7470A	86769
720-33472-1	SB-7	Total/NA	Water	7470A	86769
720-33472-5	SB-16	Total/NA	Water	7470A	86769

### Analysis Batch: 86840

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86782/1-A	MB 720-86782/1-A	Total/NA	Solid	6010B	86782
LCS 720-86782/2-A	LCS 720-86782/2-A	Total/NA	Solid	6010B	86782
720-33472-2	SB-8	Total/NA	Solid	6010B	86782
720-33472-3	SB-15	Total/NA	Solid	6010B	86782
720-33472-4	SB-16	Total/NA	Solid	6010B	86782
LCSSRM 720-86782/24-A	LCSSRM 720-86782/24-A	Total/NA	Solid	6010B	86782
LCSD 720-86782/3-A	LCSD 720-86782/3-A	Total/NA	Solid	6010B	86782

# Lab Chronicle

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33472-1

## Client Sample ID: SB-7

Date Collected: 02/17/11 10:30

Date Received: 02/18/11 11:00

## Lab Sample ID: 720-33472-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	86613	02/22/11 22:41	AC	TestAmerica San Francisco
Total/NA	Prep	3510C			86576	02/22/11 11:51	JRM	TestAmerica San Francisco
Total/NA	Analysis	8270C SIM		1	86654	02/23/11 15:59	ML	TestAmerica San Francisco
Total/NA	Prep	3510C			86604	02/22/11 16:08	RU	TestAmerica San Francisco
Total/NA	Analysis	8015B		1	86640	02/23/11 20:31	DH	TestAmerica San Francisco
Total/NA	Prep	3010A			86598	02/22/11 14:00	ET	TestAmerica San Francisco
Total/NA	Analysis	6010B		1	86680	02/23/11 12:38	EFH	TestAmerica San Francisco
Total/NA	Analysis	6010B		1	86717	02/23/11 20:32	BA	TestAmerica San Francisco
Total/NA	Prep	7470A			86769	02/24/11 13:57	ET	TestAmerica San Francisco
Total/NA	Analysis	7470A		1	86795	02/24/11 19:35	sk	TestAmerica San Francisco

## Client Sample ID: SB-8

Date Collected: 02/17/11 11:30

Date Received: 02/18/11 11:00

## Lab Sample ID: 720-33472-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5035			86562	02/18/11 17:00	AC	TestAmerica San Francisco
Total/NA	Analysis	8260B		1	86515	02/19/11 00:57	AC	TestAmerica San Francisco
Total/NA	Prep	3550B			86591	02/22/11 13:07	AM	TestAmerica San Francisco
Total/NA	Analysis	8270C SIM		10	86671	02/23/11 21:29	ML	TestAmerica San Francisco
Total/NA	Prep	3550B			86590	02/22/11 13:04	AM	TestAmerica San Francisco
Total/NA	Analysis	8015B		20	86642	02/23/11 19:47	DH	TestAmerica San Francisco
Total/NA	Prep	7471A			86626	02/22/11 19:00	JR	TestAmerica San Francisco
Total/NA	Analysis	7471A		1	86636	02/22/11 22:06	sk	TestAmerica San Francisco
Total/NA	Prep	3050B			86782	02/24/11 16:47	JR	TestAmerica San Francisco
Total/NA	Analysis	6010B		4	86840	02/25/11 13:07	EFH	TestAmerica San Francisco

## Client Sample ID: SB-15

Date Collected: 02/17/11 07:30

Date Received: 02/18/11 11:00

## Lab Sample ID: 720-33472-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5035			86562	02/18/11 17:00	AC	TestAmerica San Francisco
Total/NA	Analysis	8260B		1	86515	02/19/11 01:28	AC	TestAmerica San Francisco
Total/NA	Prep	3550B			86591	02/22/11 13:07	AM	TestAmerica San Francisco
Total/NA	Analysis	8270C SIM		10	86671	02/23/11 20:43	ML	TestAmerica San Francisco
Total/NA	Prep	3550B			86590	02/22/11 13:04	AM	TestAmerica San Francisco
Total/NA	Analysis	8015B		3	86725	02/24/11 18:56	DH	TestAmerica San Francisco
Total/NA	Prep	7471A			86626	02/22/11 19:00	JR	TestAmerica San Francisco
Total/NA	Analysis	7471A		1	86636	02/22/11 22:08	sk	TestAmerica San Francisco
Total/NA	Prep	3050B			86782	02/24/11 16:47	JR	TestAmerica San Francisco
Total/NA	Analysis	6010B		4	86840	02/25/11 13:11	EFH	TestAmerica San Francisco

# Lab Chronicle

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33472-1

## Client Sample ID: SB-16

Date Collected: 02/17/11 08:30

Date Received: 02/18/11 11:00

## Lab Sample ID: 720-33472-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5035			86562	02/18/11 17:00	AC	TestAmerica San Francisco
Total/NA	Analysis	8260B		1	86515	02/19/11 01:58	AC	TestAmerica San Francisco
Total/NA	Prep	3550B			86591	02/22/11 13:07	AM	TestAmerica San Francisco
Total/NA	Analysis	8270C SIM		10	86671	02/23/11 21:06	ML	TestAmerica San Francisco
Total/NA	Prep	3550B			86590	02/22/11 13:04	AM	TestAmerica San Francisco
Total/NA	Analysis	8015B		10	86724	02/24/11 17:43	DH	TestAmerica San Francisco
Total/NA	Prep	7471A			86626	02/22/11 19:00	JR	TestAmerica San Francisco
Total/NA	Analysis	7471A		1	86636	02/22/11 22:15	sk	TestAmerica San Francisco
Total/NA	Prep	3050B			86782	02/24/11 16:47	JR	TestAmerica San Francisco
Total/NA	Analysis	6010B		4	86840	02/25/11 13:23	EFH	TestAmerica San Francisco

## Client Sample ID: SB-16

Date Collected: 02/17/11 08:30

Date Received: 02/18/11 11:00

## Lab Sample ID: 720-33472-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	86613	02/22/11 23:10	AC	TestAmerica San Francisco
Total/NA	Prep	3510C			86576	02/22/11 11:51	JRM	TestAmerica San Francisco
Total/NA	Analysis	8270C SIM		1	86654	02/23/11 16:22	ML	TestAmerica San Francisco
Total/NA	Prep	3510C			86604	02/22/11 16:08	RU	TestAmerica San Francisco
Total/NA	Analysis	8015B		1	86723	02/24/11 13:00	DH	TestAmerica San Francisco
Total/NA	Prep	3010A			86598	02/22/11 14:00	ET	TestAmerica San Francisco
Total/NA	Analysis	6010B		1	86680	02/23/11 12:43	EFH	TestAmerica San Francisco
Total/NA	Analysis	6010B		1	86717	02/23/11 20:36	BA	TestAmerica San Francisco
Total/NA	Prep	7470A			86769	02/24/11 13:57	ET	TestAmerica San Francisco
Total/NA	Analysis	7470A		1	86795	02/24/11 19:37	sk	TestAmerica San Francisco

## Client Sample ID: SB-17

Date Collected: 02/17/11 09:15

Date Received: 02/18/11 11:00

## Lab Sample ID: 720-33472-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	86613	02/22/11 23:39	AC	TestAmerica San Francisco
Total/NA	Prep	3510C			86576	02/22/11 11:51	JRM	TestAmerica San Francisco
Total/NA	Analysis	8270C SIM		1	86654	02/23/11 16:46	ML	TestAmerica San Francisco
Total/NA	Prep	3510C			86655	02/23/11 09:21	JRM	TestAmerica San Francisco
Total/NA	Analysis	8015B		1	86723	02/24/11 11:02	DH	TestAmerica San Francisco
Total/NA	Prep	3010A			86598	02/22/11 14:00	ET	TestAmerica San Francisco
Total/NA	Analysis	6010B		1	86680	02/23/11 12:47	EFH	TestAmerica San Francisco
Total/NA	Analysis	6010B		1	86717	02/23/11 20:41	BA	TestAmerica San Francisco
Total/NA	Prep	7470A			86769	02/24/11 13:57	ET	TestAmerica San Francisco
Total/NA	Analysis	7470A		1	86795	02/24/11 19:40	sk	TestAmerica San Francisco

# Lab Chronicle

Client: ACC Environmental Consultants  
 Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33472-1

## Client Sample ID: SB-18

Date Collected: 02/17/11 10:00

Date Received: 02/18/11 11:00

## Lab Sample ID: 720-33472-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	86613	02/23/11 00:07	AC	TestAmerica San Francisco
Total/NA	Prep	3510C			86576	02/22/11 11:51	JRM	TestAmerica San Francisco
Total/NA	Analysis	8270C SIM		1	86654	02/23/11 17:09	ML	TestAmerica San Francisco
Total/NA	Prep	3510C			86655	02/23/11 09:21	JRM	TestAmerica San Francisco
Total/NA	Analysis	8015B		1	86639	02/23/11 17:47	DH	TestAmerica San Francisco
Total/NA	Prep	3010A			86598	02/22/11 14:00	ET	TestAmerica San Francisco
Total/NA	Analysis	6010B		1	86680	02/23/11 12:51	EFH	TestAmerica San Francisco
Total/NA	Analysis	6010B		1	86717	02/23/11 20:45	BA	TestAmerica San Francisco
Total/NA	Prep	7470A			86769	02/24/11 13:57	ET	TestAmerica San Francisco
Total/NA	Analysis	7470A		1	86795	02/24/11 19:42	sk	TestAmerica San Francisco

## Client Sample ID: SB-19

Date Collected: 02/17/11 10:30

Date Received: 02/18/11 11:00

## Lab Sample ID: 720-33472-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			86501	02/18/11 20:54	RU	TestAmerica San Francisco
Total/NA	Analysis	8082_ASP		1	86553	02/22/11 14:34	EC	TestAmerica San Francisco



# Certification Summary

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33472-1

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Laboratory	Authority	Program	EPA Region	Certification ID	* Expiration Date
TestAmerica San Francisco	California	State Program	9	2496	01/31/12

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Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

\* Any expired certifications in this list are currently pending renewal and are considered valid.

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# Method Summary

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33472-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL SF
8270C SIM	PAHs by GCMS (SIM)	SW846	TAL SF
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL SF
8015B	Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	SW846	TAL SF
8082_ASP	Polychlorinated Biphenyls (PCBs) (GC)	SW846	TAL SF
6010B	Metals (ICP)	SW846	TAL SF
7470A	Mercury (CVAA)	SW846	TAL SF
7471A	Mercury (CVAA)	SW846	TAL SF

**Protocol References:**

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

TAL SF = TestAmerica San Francisco, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919





# Sample Summary

Client: ACC Environmental Consultants  
Project/Site: 1708 Wood PSAI

TestAmerica Job ID: 720-33472-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-33472-1	SB-7	Water	02/17/11 10:30	02/18/11 11:00
720-33472-2	SB-8	Solid	02/17/11 11:30	02/18/11 11:00
720-33472-3	SB-15	Solid	02/17/11 07:30	02/18/11 11:00
720-33472-4	SB-16	Solid	02/17/11 08:30	02/18/11 11:00
720-33472-5	SB-16	Water	02/17/11 08:30	02/18/11 11:00
720-33472-6	SB-17	Water	02/17/11 09:15	02/18/11 11:00
720-33472-7	SB-18	Water	02/17/11 10:00	02/18/11 11:00
720-33472-8	SB-19	Solid	02/17/11 10:30	02/18/11 11:00

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# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

**720-33472**  
**TESTAMERICA San Francisco Chain of Custody**  
 1220 Quarry Lane • Pleasanton CA 94566-4756  
 Phone: (925) 484-1919 • Fax: (925) 600-3002

Reference #: 129785

Date 2/17/11 Page 1 of 1

02/28/2011

## Report To Analysis Request

Attn: <u>Julia Sindyl</u>					TPH EPA - <input type="checkbox"/> 8260B <input checked="" type="checkbox"/> Gas W/ <input type="checkbox"/> BTEX <input type="checkbox"/> MTBE TEPH EPA 8015M* <input type="checkbox"/> Silica Gel <input checked="" type="checkbox"/> Diesel <input type="checkbox"/> Motor Oil <input type="checkbox"/> Other EPA 8260B: <input type="checkbox"/> Gas <input type="checkbox"/> BTEX <input type="checkbox"/> 5 Oxygenates <input type="checkbox"/> DCA, EDB <input type="checkbox"/> Ethanol (NVOCS) EPA 8021 by 8260B Volatile Organics GC/MS (VOCs) <input type="checkbox"/> EPA 8260B <input type="checkbox"/> 624 Semivolatiles GC/MS <input type="checkbox"/> EPA 8270 <input type="checkbox"/> 625 Oil and Grease <input type="checkbox"/> Petroleum (EPA 1664) <input type="checkbox"/> Total Pesticides <input type="checkbox"/> EPA 8081 <input type="checkbox"/> 608 <input type="checkbox"/> EPA 8082 <input type="checkbox"/> 608 PCBs <input checked="" type="checkbox"/> 7 PNAs by <input checked="" type="checkbox"/> 8270 <input type="checkbox"/> 8310 CAM17 Metals (EPA 6010/7470/7471) Metals: <input type="checkbox"/> Lead <input type="checkbox"/> LUFT <input type="checkbox"/> RCRA <input type="checkbox"/> Other: Low Level Metals by EPA 200.8/6020 (ICP-MS): <input type="checkbox"/> W.E.T (STLC) <input type="checkbox"/> TCLP Hexavalent Chromium <input type="checkbox"/> pH (24h hold time for H <sub>2</sub> O) Spec. Cond. <input type="checkbox"/> Alkalinity <input type="checkbox"/> TSS <input type="checkbox"/> TDS Anions: <input type="checkbox"/> Cl <input type="checkbox"/> SO <sub>4</sub> <input type="checkbox"/> NO <sub>3</sub> <input type="checkbox"/> F <input type="checkbox"/> Br <input type="checkbox"/> NO <sub>2</sub> <input type="checkbox"/> PO <sub>4</sub>
Company: <u>ACC ENV.</u>					
Address: <u>7977 Capwell Dr. Oakland</u>					
Phone: <u>(510) 638-8400</u> Email: <u>jsindyl@accenv.com</u>					
Bill To: _____ Sampled By: <u>JS/OS</u>					
Attn: _____ Phone: <u>(510) 638-8400 x110</u>					
Sample ID	Date	Time	Mat rix	Preserv	
SB-7	2/17/11	10:30a	water	multi	
SB-8		11:30a	soil	ice	
SB-15		7:30a	soil	ice	
SB-16		8:30a	soil	ice	
SB-16		8:30a	water	Multi	
SB-17		9:15a	water	Multi	
SB-18		10:00a	water	Multi	
SB-19		10:30a	soil	ice	

<b>Project Info.</b> Project Name: <u>1708 Wood PSAI</u> Project#: <u>6470-034.01</u> PO#: _____ Credit Card#: _____		<b>Sample Receipt</b> # of Containers: _____ Head Space: _____ Temp: <u>118<sup>o</sup>C</u> Conforms to record: _____		1) Relinquished by: <u>[Signature]</u> 3:45p Signature _____ Time _____ Printed Name: <u>Gwen Santos</u> 2/17/11 Date _____ Company: <u>ACC Environmental</u>		2) Relinquished by: <u>[Signature]</u> 10:00 Signature _____ Time _____ Printed Name: <u>Gwen Santos</u> 2/17/11 Date _____ Company: <u>ACC</u> 10am		3) Relinquished by: <u>[Signature]</u> 1100 Signature _____ Time _____ Printed Name: <u>Savio Motra</u> 02/18/11 Date _____ Company: <u>TASE</u>	
TAT <u>3</u> Day <u>2</u> Day <u>1</u> Day Report: <input type="checkbox"/> Routine <input type="checkbox"/> Level 3 <input type="checkbox"/> Level 4 <input type="checkbox"/> EDD <input type="checkbox"/> State Tank Fund EDF Special Instructions / Comments: _____ <input type="checkbox"/> Global ID _____		1) Received by: <u>[Signature]</u> 3:45p Signature _____ Time _____ Printed Name: <u>Julie Tucker</u> 2/17/11 Date _____ Company: <u>ACC</u>		2) Received by: <u>[Signature]</u> 10:00 Signature _____ Time _____ Printed Name: <u>Savio Motra</u> 02/18/11 Date _____ Company: <u>TASE</u>		3) Received by: <u>[Signature]</u> 1100 Signature _____ Time _____ Printed Name: <u>Mulder</u> 2-18-11 Date _____ Company: <u>TestAmerica</u>			

See Terms and Conditions on reverse  
 \*TestAmerica SF reports 8015M from C<sub>7</sub>-C<sub>24</sub> (industry norm). Default for 8015B is C<sub>10</sub>-C<sub>25</sub>

## Login Sample Receipt Check List

Client: ACC Environmental Consultants

Job Number: 720-33472-1

**Login Number: 33472**

**Creator: Mullen, Joan**

**List Number: 1**

**List Source: TestAmerica San Francisco**

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

